Astrodienst Ephemeris Tables

from the year 3150 for 50 years

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

ASTRODIENST EPHEMERIS for the year 3150
geocentric

JANUARY 3150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 42 8	9♑49'05	5♉ 5	19♐ 5	17♑55	18♎57	19♈11	15°R 8	12♏59	10♒39	12°R22	24°R 6	23♎14	14♐31	27♒15	S 1
M 2	6 46 4	10°50'01	19°29	20°15	19°10	19°26	19°15	15♊ 3	13° 2	10°41	12♋21	24♎ 4	23°11	14°38	27°18	M 2
T 3	6 50 1	11°50'58	4♊14	21°28	20°25	19°55	19°19	14°59	13° 4	10°43	12°19	23°59	23° 7	14°45	27°22	T 3
W 4	6 53 57	12°51'55	19°17	22°43	21°41	20°24	19°23	14°55	13° 6	10°45	12°18	23°52	23° 4	14°51	27°25	W 4
T 5	6 57 54	13°52'52	4♋28	24° 0	22°56	20°52	19°27	14°51	13° 9	10°47	12°17	23°42	23° 1	14°58	27°29	T 5
F 6	7 1 50	14°53'50	19°37	25°18	24°11	21°21	19°32	14°48	13°11	10°49	12°16	23°30	22°58	15° 5	27°33	F 6
S 7	7 5 47	15°54'49	4♌34	26°39	25°27	21°49	19°37	14°44	13°13	10°51	12°15	23°18	22°55	15°11	27°37	S 7
S 8	7 9 44	16°55'48	19° 9	28° 0	26°42	22°17	19°42	14°40	13°15	10°53	12°14	23° 8	22°52	15°18	27°40	S 8
M 9	7 13 40	17°56'48	3♍17	29°23	27°57	22°45	19°47	14°36	13°18	10°56	12°12	22°59	22°48	15°25	27°44	M 9
T 10	7 17 37	18°57'49	16°54	0♑47	29°13	23°13	19°52	14°33	13°20	10°58	12°11	22°54	22°45	15°31	27°48	T 10
W11	7 21 33	19°58'51	0♎ 2	2°11	0♒28	23°40	19°58	14°29	13°22	11° 0	12°10	22°51	22°42	15°38	27°52	W11
T 12	7 25 30	20°59'53	12°44	3°37	1°44	24° 7	20° 3	14°26	13°24	11° 2	12° 9	22°50	22°39	15°45	27°56	T 12
F 13	7 29 26	22° 0'56	25° 5	5° 3	2°59	24°34	20° 9	14°22	13°26	11° 4	12° 8	22°50	22°36	15°52	28° 0	F 13
S 14	7 33 23	23° 2'00	7♏10	6°30	4°14	25° 1	20°15	14°19	13°28	11° 6	12° 7	22°49	22°33	15°58	28° 4	S 14
S 15	7 37 19	24° 3'04	19° 4	7°58	5°30	25°28	20°21	14°16	13°29	11° 8	12° 5	22°47	22°29	16° 5	28° 8	S 15
M16	7 41 16	25° 4'09	0♐53	9°26	6°45	25°54	20°27	14°13	13°31	11°11	12° 4	22°43	22°26	16°12	28°12	M16
T 17	7 45 13	26° 5'15	12°41	10°55	8° 0	26°20	20°34	14°10	13°33	11°13	12° 3	22°36	22°23	16°18	28°16	T 17
W18	7 49 9	27° 6'20	24°32	12°24	9°16	26°46	20°41	14° 7	13°35	11°15	12° 2	22°26	22°20	16°25	28°20	W18
T 19	7 53 6	28° 7'27	6♑29	13°53	10°31	27°11	20°48	14° 4	13°36	11°17	12° 1	22°13	22°17	16°32	28°24	T 19
F 20	7 57 2	29° 8'33	18°34	15°24	11°46	27°37	20°55	14° 1	13°38	11°20	12° 0	21°59	22°13	16°38	28°29	F 20
S 21	8 0 59	0♒ 9'40	0♒47	16°54	13° 2	28° 2	21° 2	13°59	13°39	11°22	11°59	21°44	22°10	16°45	28°33	S 21
S 22	8 4 55	1°10'47	13°10	18°25	14°17	28°27	21° 9	13°56	13°41	11°24	11°57	21°30	22° 7	16°52	28°37	S 22
M23	8 8 52	2°11'53	25°43	19°56	15°32	28°51	21°17	13°54	13°42	11°26	11°56	21°18	22° 4	16°58	28°41	M23
T 24	8 12 48	3°13'00	8♓26	21°28	16°48	29°16	21°24	13°52	13°44	11°29	11°55	21° 9	22° 1	17° 5	28°46	T 24
W25	8 16 45	4°14'06	21°20	23° 0	18° 3	29°40	21°32	13°49	13°45	11°31	11°54	21° 2	21°58	17°12	28°50	W25
T 26	8 20 42	5°15'13	4♈25	24°33	19°18	0♏ 3	21°40	13°47	13°46	11°33	11°53	20°59	21°54	17°19	28°54	T 26
F 27	8 24 38	6°16'18	17°43	26° 5	20°33	0°27	21°48	13°45	13°48	11°35	11°52	20°D58	21°51	17°25	28°59	F 27
S 28	8 28 35	7°17'24	1♉17	27°39	21°49	0°50	21°56	13°43	13°49	11°38	11°51	20°R58	21°48	17°32	29° 3	S 28
S 29	8 32 31	8°18'29	15° 7	29°12	23° 4	1°13	22° 5	13°41	13°50	11°40	11°50	20°58	21°45	17°39	29° 8	S 29
M30	8 36 28	9°19'33	29°15	0♒47	24°19	1°35	22°13	13°40	13°51	11°42	11°49	20°57	21°42	17°45	29°12	M30
T 31	8 40 24	10♒20'37	13♊40	2♒21	25♒34	1♏57	22♈22	13♊38	13♏52	11♒44	11♋48	20♎53	21♎39	17♐52	29♒16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s56	12n14	0s58	20s55	1n56	22s52	0s46	5s33	1n58	6n16	1s18	20n31	1s57	15s10	0n29	17s 6	0n22	15n35	7s 9	9s17	8s58	18s24	6s34	6n 8
M 2	22 51	15 24	2 10	21 8	1 48	22 44	0 49	5 43	1 59	6 18	1 17	20 31	1 57	15 11	0 29	17 6	0 22	15 36	7 9	9 17	8 57	18 24	6 33	6 8
T 3	22 46	17 39	3 15	21 21	1 41	22 35	0 51	5 54	1 59	6 19	1 17	20 31	1 57	15 12	0 29	17 5	0 22	15 36	7 9	9 15	8 56	18 25	6 33	6 8
W 4	22 40	18 44	4 8	21 33	1 33	22 25	0 53	6 4	2 0	6 21	1 17	20 31	1 57	15 12	0 29	17 5	0 22	15 36	7 9	9 12	8 55	18 25	6 32	6 7
T 5	22 34	18 29	4 44	21 45	1 25	22 15	0 55	6 14	2 0	6 23	1 17	20 30	1 56	15 13	0 29	17 4	0 22	15 36	7 9	9 8	8 54	18 25	6 31	6 7
F 6	22 28	16 55	5 0	21 56	1 16	22 4	0 57	6 24	2 1	6 25	1 16	20 30	1 56	15 14	0 29	17 4	0 22	15 36	7 9	9 4	8 52	18 25	6 30	6 7
S 7	22 21	14 13	4 55	22 6	1 8	21 52	0 58	6 34	2 2	6 27	1 16	20 30	1 56	15 14	0 29	17 3	0 22	15 36	7 9	9 0	8 51	18 25	6 29	6 6
S 8	22 13	10 42	4 31	22 16	1 0	21 40	1 0	6 44	2 2	6 29	1 16	20 30	1 56	15 15	0 29	17 3	0 22	15 37	7 9	8 56	8 50	18 25	6 28	6 6
M 9	22 6	6 39	3 50	22 25	0 52	21 27	1 2	6 54	2 3	6 31	1 15	20 30	1 56	15 16	0 29	17 2	0 22	15 37	7 9	8 53	8 49	18 26	6 27	6 6
T 10	21 57	2 25	2 58	22 33	0 44	21 14	1 4	7 3	2 3	6 34	1 15	20 29	1 55	15 16	0 29	17 2	0 22	15 37	7 9	8 51	8 48	18 26	6 26	6 5
W11	21 49	1s49	1 57	22 40	0 36	21 0	1 6	7 13	2 4	6 36	1 15	20 29	1 55	15 17	0 30	17 1	0 21	15 37	7 9	8 50	8 47	18 26	6 25	6 5
T 12	21 40	5 49	0 53	22 47	0 28	20 45	1 7	7 22	2 4	6 38	1 15	20 29	1 55	15 17	0 30	17 0	0 21	15 37	7 9	8 49	8 45	18 26	6 24	6 5
F 13	21 30	9 28	0n12	22 52	0 20	20 29	1 9	7 31	2 5	6 41	1 14	20 29	1 55	15 18	0 30	17 0	0 21	15 37	7 9	8 49	8 44	18 26	6 23	6 5
S 14	21 20	12 38	1 15	22 56	0 12	20 13	1 11	7 41	2 5	6 43	1 14	20 29	1 55	15 19	0 30	16 59	0 21	15 38	7 9	8 49	8 43	18 26	6 22	6 4
S 15	21 10	15 14	2 14	22 59	0 4	19 57	1 12	7 50	2 6	6 46	1 14	20 28	1 54	15 19	0 30	16 59	0 21	15 38	7 8	8 49	8 42	18 27	6 21	6 4
M16	20 59	17 10	3 7	23 0	0s 3	19 40	1 14	7 59	2 7	6 48	1 14	20 28	1 54	15 20	0 30	16 58	0 21	15 38	7 8	8 47	8 41	18 27	6 19	6 4
T 17	20 48	18 21	3 51	23 1	0 11	19 22	1 15	8 7	2 7	6 51	1 13	20 28	1 54	15 20	0 30	16 57	0 21	15 38	7 8	8 44	8 40	18 27	6 18	6 4
W18	20 36	18 45	4 26	23 1	0 18	19 3	1 17	8 16	2 8	6 54	1 13	20 28	1 54	15 21	0 30	16 57	0 21	15 38	7 8	8 41	8 38	18 27	6 17	6 3
T 19	20 24	18 19	4 49	22 59	0 25	18 45	1 18	8 25	2 8	6 56	1 13	20 28	1 53	15 21	0 30	16 56	0 21	15 38	7 8	8 36	8 37	18 27	6 16	6 3
F 20	20 12	17 4	4 59	22 56	0 32	18 25	1 19	8 33	2 9	6 59	1 13	20 28	1 53	15 22	0 30	16 56	0 21	15 39	7 8	8 31	8 36	18 27	6 15	6 3
S 21	19 59	15 2	4 56	22 52	0 39	18 5	1 21	8 42	2 9	7 2	1 12	20 28	1 53	15 22	0 30	16 55	0 21	15 39	7 8	8 25	8 35	18 27	6 14	6 3
S 22	19 46	12 18	4 39	22 47	0 45	17 45	1 22	8 50	2 10	7 5	1 12	20 28	1 53	15 22	0 30	16 55	0 21	15 39	7 8	8 20	8 34	18 27	6 12	6 2
M23	19 33	8 58	4 8	22 40	0 52	17 24	1 23	8 58	2 10	7 8	1 12	20 28	1 52	15 23	0 30	16 54	0 21	15 39	7 8	8 15	8 32	18 28	6 11	6 2
T 24	19 19	5 11	3 25	22 32	0 58	17 2	1 24	9 6	2 11	7 11	1 12	20 28	1 52	15 23	0 30	16 53	0 21	15 39	7 8	8 12	8 31	18 28	6 10	6 2
W25	19 5	1 7	2 30	22 23	1 4	16 40	1 25	9 14	2 12	7 14	1 11	20 28	1 52	15 24	0 30	16 53	0 21	15 40	7 7	8 10	8 30	18 28	6 9	6 2
T 26	18 50	3n 4	1 27	22 13	1 9	16 18	1 26	9 21	2 12	7 17	1 11	20 28	1 52	15 24	0 30	16 52	0 21	15 40	7 7	8 8	8 29	18 28	6 7	6 1
F 27	18 35	7 11	0 17	22 2	1 15	15 55	1 27	9 29	2 13	7 21	1 11	20 28	1 52	15 24	0 30	16 51	0 21	15 40	7 7	8 8	8 28	18 28	6 6	6 1
S 28	18 20	11 0	0s54	21 49	1 20	15 32	1 28	9 36	2 13	7 24	1 11	20 28	1 51	15 25	0 30	16 51	0 21	15 40	7 7	8 8	8 27	18 28	6 5	6 1
S 29	18 4	14 17	2 4	21 35	1 25	15 8	1 28	9 44	2 14	7 27	1 10	20 28	1 51	15 25	0 30	16 50	0 21	15 40	7 7	8 8	8 25	18 28	6 3	6 1
M30	17 48	16 48	3 8	21 19	1 30	14 44	1 29	9 51	2 14	7 31	1 10	20 28	1 51	15 25	0 30	16 50	0 21	15 41	7 7	8 7	8 24	18 28	6 2	6 1
T 31	17s32	18n18	4s 1	21s 3	1s35	14s19	1s30	9s58	2n15	7n34	1s10	20n28	1s51	15s25	0n30	16s49	0n21	15n41	7s 7	8s 6	8s23	18s28	6s 1	6n 0

Julian Day Number = 2871573.5, Delta T = 01h12m20s
Ecliptic obliquity = 23°17'17, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°50'40, Lahiri = 39°57'40

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ASTRODIENST EPHEMERIS for the year 3150
geocentric

FEBRUARY 3150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 44 21	11♒21'41	28♊19	3♒56	26♒50	2♏19	22♈31	13°R37	13♏53	11♒47	11°R47	20°R46	21♎35	17♐59	29♒21	W 1
T 2	8 48 17	12°22'44	13♋ 6	5°32	28° 5	2°41	22°40	13♊35	13°54	11°49	11♋46	20♎37	21°32	18° 5	29°25	T 2
F 3	8 52 14	13°23'46	27°54	7° 8	29°20	3° 2	22°49	13°34	13°55	11°51	11°45	20°27	21°29	18°12	29°30	F 3
S 4	8 56 11	14°24'48	12♌35	8°44	0♓35	3°23	22°58	13°33	13°55	11°54	11°44	20°16	21°26	18°19	29°34	S 4
S 5	9 0 7	15°25'50	27° 0	10°21	1°50	3°43	23° 7	13°32	13°56	11°56	11°43	20° 6	21°23	18°26	29°39	S 5
M 6	9 4 4	16°26'51	11♍ 4	11°59	3° 6	4° 4	23°17	13°31	13°57	11°58	11°42	19°58	21°19	18°32	29°43	M 6
T 7	9 8 0	17°27'51	24°42	13°37	4°21	4°23	23°27	13°30	13°57	12° 0	11°41	19°53	21°16	18°39	29°48	T 7
W 8	9 11 57	18°28'52	7♎53	15°16	5°36	4°43	23°36	13°29	13°58	12° 3	11°40	19°50	21°13	18°46	29°53	W 8
T 9	9 15 53	19°29'52	20°40	16°55	6°51	5° 2	23°46	13°29	13°58	12° 5	11°39	19°D49	21°10	18°52	29°57	T 9
F 10	9 19 50	20°30'51	3♏ 6	18°35	8° 6	5°21	23°56	13°28	13°59	12° 7	11°38	19°50	21° 7	18°59	0♓ 2	F 10
S 11	9 23 46	21°31'51	15°14	20°15	9°21	5°39	24° 6	13°28	13°59	12° 9	11°37	19°50	21° 4	19° 6	0° 6	S 11
S 12	9 27 43	22°32'50	27°11	21°56	10°36	5°57	24°17	13°27	14° 0	12°12	11°37	19°R51	21° 0	19°12	0°11	S 12
M13	9 31 40	23°33'48	9♐ 2	23°38	11°51	6°14	24°27	13°27	14° 0	12°14	11°36	19°49	20°57	19°19	0°15	M13
T 14	9 35 36	24°34'46	20°52	25°20	13° 6	6°31	24°37	13°D27	14° 0	12°16	11°35	19°45	20°54	19°26	0°20	T 14
W15	9 39 33	25°35'44	2♑45	27° 3	14°21	6°48	24°48	13°27	14° 0	12°18	11°34	19°39	20°51	19°33	0°25	W15
T 16	9 43 29	26°36'41	14°46	28°47	15°36	7° 4	24°59	13°27	14° 0	12°21	11°33	19°31	20°48	19°39	0°29	T 16
F 17	9 47 26	27°37'37	26°58	0♓31	16°51	7°20	25°10	13°28	14°R 0	12°23	11°33	19°22	20°44	19°46	0°34	F 17
S 18	9 51 22	28°38'33	9♒22	2°16	18° 6	7°35	25°20	13°28	14° 0	12°25	11°32	19°11	20°41	19°53	0°39	S 18
S 19	9 55 19	29°39'28	21°59	4° 1	19°21	7°50	25°32	13°29	14° 0	12°27	11°31	19° 2	20°38	19°59	0°43	S 19
M20	9 59 15	0♓40'21	4♓50	5°47	20°36	8° 4	25°43	13°29	14° 0	12°29	11°30	18°53	20°35	20° 6	0°48	M20
T 21	10 3 12	1°41'14	17°54	7°33	21°51	8°17	25°54	13°30	14° 0	12°32	11°30	18°47	20°32	20°13	0°52	T 21
W22	10 7 9	2°42'06	1♈10	9°20	23° 6	8°31	26° 5	13°31	14° 0	12°34	11°29	18°43	20°29	20°19	0°57	W22
T 23	10 11 5	3°42'57	14°37	11° 7	24°20	8°43	26°17	13°32	14° 0	12°36	11°28	18°D42	20°25	20°26	1° 2	T 23
F 24	10 15 2	4°43'46	28°13	12°54	25°35	8°55	26°28	13°33	13°59	12°38	11°28	18°42	20°22	20°33	1° 6	F 24
S 25	10 18 58	5°44'34	12♉ 0	14°41	26°50	9° 7	26°40	13°34	13°59	12°40	11°27	18°43	20°19	20°40	1°11	S 25
S 26	10 22 55	6°45'21	25°55	16°29	28° 5	9°18	26°52	13°35	13°58	12°42	11°26	18°45	20°16	20°46	1°16	S 26
M27	10 26 51	7°46'06	9♊59	18°16	29°19	9°29	27° 3	13°37	13°58	12°44	11°26	18°R45	20°13	20°53	1°20	M27
T 28	10 30 48	8♓46'50	24♊11	20♓ 3	0♈34	9♏39	27♈15	13♊38	13♏57	12♒46	11♋25	18♎44	20♎10	21♐ 0	1♓25	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s16	18n37	4s40	20s45	1s39	13s54	1s30	10s 5	2n15	7n38	1s10	20n28	1s50	15s26	0n30	16s48	0n21	15n41	7s 7	8s 4	8s22	18s29	5s59	6n 0
T 2	16 59	17 40	5 0	20 26	1 43	13 29	1 31	10 12	2 16	7 41	1 10	20 28	1 50	15 26	0 30	16 48	0 21	15 41	7 7	8 0	8 21	18 29	5 58	6 0
F 3	16 42	15 33	5 0	20 6	1 47	13 3	1 31	10 18	2 17	7 45	1 9	20 28	1 50	15 26	0 30	16 47	0 21	15 42	7 6	7 56	8 20	18 29	5 57	6 0
S 4	16 24	12 26	4 40	19 44	1 50	12 37	1 32	10 25	2 17	7 48	1 9	20 28	1 49	15 26	0 30	16 47	0 21	15 42	7 6	7 52	8 18	18 29	5 55	6 0
S 5	16 6	8 38	4 3	19 21	1 53	12 11	1 32	10 31	2 18	7 52	1 9	20 28	1 49	15 27	0 30	16 46	0 21	15 42	7 6	7 49	8 17	18 29	5 54	6 0
M 6	15 48	4 25	3 11	18 57	1 56	11 44	1 32	10 37	2 18	7 56	1 9	20 29	1 49	15 27	0 30	16 45	0 21	15 42	7 6	7 46	8 16	18 29	5 52	6 0
T 7	15 30	0 6	2 10	18 32	1 59	11 17	1 32	10 43	2 19	7 59	1 8	20 29	1 49	15 27	0 30	16 45	0 21	15 42	7 6	7 44	8 15	18 29	5 51	5 59
W 8	15 12	4s 5	1 3	18 5	2 1	10 50	1 32	10 49	2 19	8 3	1 8	20 29	1 48	15 27	0 30	16 44	0 21	15 43	7 6	7 42	8 14	18 29	5 50	5 59
T 9	14 53	7 57	0n 5	17 37	2 3	10 22	1 32	10 55	2 20	8 7	1 8	20 29	1 48	15 27	0 30	16 43	0 21	15 43	7 6	7 42	8 12	18 29	5 48	5 59
F 10	14 34	11 22	1 10	17 8	2 4	9 55	1 32	11 1	2 20	8 11	1 8	20 29	1 48	15 27	0 30	16 43	0 21	15 43	7 5	7 42	8 11	18 29	5 47	5 59
S 11	14 14	14 12	2 12	16 38	2 5	9 26	1 32	11 6	2 21	8 15	1 8	20 29	1 48	15 27	0 30	16 42	0 21	15 43	7 5	7 43	8 10	18 29	5 45	5 59
S 12	13 55	16 23	3 6	16 6	2 6	8 58	1 32	11 11	2 22	8 18	1 7	20 30	1 47	15 28	0 30	16 42	0 21	15 43	7 5	7 43	8 9	18 29	5 44	5 59
M13	13 35	17 50	3 52	15 33	2 7	8 29	1 32	11 17	2 22	8 22	1 7	20 30	1 47	15 28	0 30	16 41	0 21	15 44	7 5	7 42	8 8	18 29	5 42	5 59
T 14	13 15	18 31	4 28	14 59	2 6	8 1	1 32	11 22	2 23	8 26	1 7	20 30	1 47	15 28	0 30	16 40	0 21	15 44	7 5	7 41	8 6	18 30	5 41	5 59
W15	12 54	18 23	4 53	14 23	2 6	7 31	1 31	11 26	2 23	8 30	1 7	20 30	1 47	15 28	0 30	16 40	0 21	15 44	7 5	7 38	8 5	18 30	5 39	5 59
T 16	12 34	17 25	5 5	13 47	2 5	7 2	1 31	11 31	2 24	8 35	1 7	20 31	1 46	15 28	0 30	16 39	0 21	15 44	7 4	7 35	8 4	18 30	5 38	5 58
F 17	12 13	15 40	5 3	13 9	2 4	6 33	1 30	11 36	2 24	8 39	1 6	20 31	1 46	15 28	0 30	16 39	0 21	15 45	7 4	7 32	8 3	18 30	5 36	5 58
S 18	11 52	13 10	4 47	12 30	2 2	6 3	1 30	11 40	2 25	8 43	1 6	20 31	1 46	15 28	0 30	16 38	0 21	15 45	7 4	7 28	8 2	18 30	5 35	5 58
S 19	11 31	10 1	4 17	11 50	1 59	5 33	1 29	11 44	2 25	8 47	1 6	20 32	1 46	15 28	0 30	16 37	0 21	15 45	7 4	7 24	8 1	18 30	5 33	5 58
M20	11 10	6 21	3 34	11 8	1 56	5 3	1 28	11 48	2 26	8 51	1 6	20 32	1 45	15 28	0 30	16 37	0 21	15 45	7 4	7 21	7 59	18 30	5 32	5 58
T 21	10 48	2 19	2 38	10 26	1 53	4 33	1 27	11 52	2 26	8 55	1 6	20 32	1 45	15 28	0 30	16 36	0 21	15 46	7 4	7 19	7 58	18 30	5 30	5 58
W22	10 27	1n53	1 33	9 42	1 49	4 3	1 27	11 56	2 27	9 0	1 6	20 33	1 45	15 27	0 30	16 36	0 21	15 46	7 3	7 17	7 57	18 30	5 29	5 58
T 23	10 5	6 4	0 22	8 58	1 44	3 33	1 26	11 59	2 27	9 4	1 5	20 33	1 45	15 27	0 30	16 35	0 21	15 46	7 3	7 17	7 56	18 30	5 27	5 58
F 24	9 43	9 59	0s51	8 12	1 39	3 2	1 25	12 3	2 28	9 8	1 5	20 33	1 44	15 27	0 30	16 34	0 21	15 46	7 3	7 17	7 55	18 30	5 25	5 58
S 25	9 21	13 23	2 3	7 26	1 34	2 32	1 23	12 6	2 28	9 12	1 5	20 34	1 44	15 27	0 30	16 34	0 21	15 46	7 3	7 17	7 53	18 30	5 24	5 58
S 26	8 59	16 4	3 8	6 39	1 27	2 1	1 22	12 9	2 29	9 17	1 5	20 34	1 44	15 27	0 30	16 33	0 21	15 47	7 3	7 18	7 52	18 30	5 22	5 58
M27	8 36	17 49	4 2	5 50	1 20	1 31	1 21	12 12	2 29	9 21	1 5	20 35	1 43	15 27	0 30	16 33	0 21	15 47	7 3	7 18	7 51	18 30	5 21	5 58
T 28	8s14	18n27	4s43	5s 2	1s12	1s 0	1s20	12s14	2n30	9n26	1s 5	20n35	1s43	15s27	0n30	16s32	0n21	15n47	7s 2	7s18	7s50	18s30	5s19	5n58

Julian Day Number = 2871604.5, Delta T = 01h12m21s
Ecliptic obliquity = 23°17'17, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°50'44, Lahiri = 39°57'45

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ASTRODIENST EPHEMERIS for the year 3150
geocentric

MARCH 3150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 34 44	9♓47'32	8♋29	21♓50	1♈49	9♏48	27♈27	13♊40	13°R57	12♒49	11°R25	18°R41	20♎ 6	21♐ 6	1♓29	W 1
T 2	10 38 41	10°48'13	22°49	23°35	3° 3	9°57	27°39	13°42	13♏56	12°51	11♋24	18♎37	20° 3	21°13	1°34	T 2
F 3	10 42 38	11°48'52	7♌ 8	25°20	4°18	10° 5	27°52	13°44	13°55	12°53	11°24	18°31	20° 0	21°20	1°38	F 3
S 4	10 46 34	12°49'30	21°20	27° 2	5°33	10°12	28° 4	13°46	13°55	12°55	11°23	18°25	19°57	21°27	1°43	S 4
S 5	10 50 31	13°50'06	5♍21	28°43	6°47	10°19	28°16	13°48	13°54	12°57	11°23	18°20	19°54	21°33	1°48	S 5
M 6	10 54 27	14°50'41	19° 6	0♈22	8° 2	10°26	28°29	13°50	13°53	12°59	11°22	18°15	19°50	21°40	1°52	M 6
T 7	10 58 24	15°51'14	2♎31	1°58	9°16	10°31	28°41	13°52	13°52	13° 1	11°22	18°13	19°47	21°47	1°57	T 7
W 8	11 2 20	16°51'47	15°36	3°30	10°30	10°36	28°54	13°54	13°51	13° 3	11°21	18°D12	19°44	21°53	2° 1	W 8
T 9	11 6 17	17°52'18	28°21	4°58	11°45	10°41	29° 6	13°57	13°50	13° 5	11°21	18°12	19°41	22° 0	2° 6	T 9
F 10	11 10 13	18°52'47	10♏48	6°22	12°59	10°44	29°19	14° 0	13°49	13° 7	11°20	18°13	19°38	22° 7	2°10	F 10
S 11	11 14 10	19°53'16	22°59	7°40	14°13	10°47	29°32	14° 2	13°48	13° 9	11°20	18°15	19°35	22°13	2°14	S 11
S 12	11 18 6	20°53'43	4♐59	8°52	15°28	10°49	29°45	14° 5	13°47	13°10	11°20	18°17	19°31	22°20	2°19	S 12
M13	11 22 3	21°54'09	16°52	9°58	16°42	10°51	29°58	14° 8	13°45	13°12	11°19	18°R18	19°28	22°27	2°23	M13
T 14	11 26 0	22°54'34	28°44	10°56	17°56	10°52	0♉10	14°11	13°44	13°14	11°19	18°18	19°25	22°34	2°28	T 14
W15	11 29 56	23°54'57	10♑38	11°46	19°10	10°R52	0°24	14°14	13°43	13°16	11°19	18°17	19°22	22°40	2°32	W15
T 16	11 33 53	24°55'19	22°41	12°28	20°25	10°51	0°37	14°17	13°41	13°18	11°19	18°14	19°19	22°47	2°36	T 16
F 17	11 37 49	25°55'40	4♒56	13° 1	21°39	10°50	0°50	14°21	13°40	13°20	11°19	18°11	19°16	22°54	2°41	F 17
S 18	11 41 46	26°55'59	17°25	13°25	22°53	10°48	1° 3	14°24	13°38	13°21	11°18	18° 8	19°12	23° 0	2°45	S 18
S 19	11 45 42	27°56'17	0♓13	13°40	24° 7	10°45	1°16	14°27	13°37	13°23	11°18	18° 5	19° 9	23° 7	2°49	S 19
M20	11 49 39	28°56'33	13°18	13°R44	25°21	10°41	1°30	14°31	13°35	13°25	11°18	18° 2	19° 6	23°14	2°54	M20
T 21	11 53 35	29°56'48	26°41	13°39	26°35	10°37	1°43	14°35	13°34	13°27	11°18	18° 0	19° 3	23°21	2°58	T 21
W22	11 57 32	0♈57'01	10♈21	13°25	27°48	10°31	1°57	14°39	13°32	13°28	11°18	17°59	19° 0	23°27	3° 2	W22
T 23	12 1 29	1°57'12	24°15	13° 2	29° 2	10°25	2°10	14°42	13°31	13°30	11°18	17°D59	18°56	23°34	3° 6	T 23
F 24	12 5 25	2°57'21	8♉19	12°31	0♉16	10°18	2°24	14°46	13°29	13°32	11°18	17°59	18°53	23°41	3°10	F 24
S 25	12 9 22	3°57'29	22°31	11°52	1°30	10°11	2°37	14°50	13°27	13°33	11°18	18° 0	18°50	23°47	3°15	S 25
S 26	12 13 18	4°57'34	6♊46	11° 7	2°44	10° 3	2°51	14°55	13°25	13°35	11°D18	18° 2	18°47	23°54	3°19	S 26
M27	12 17 15	5°57'38	21° 1	10°16	3°57	9°53	3° 5	14°59	13°23	13°36	11°18	18° 2	18°44	24° 1	3°23	M27
T 28	12 21 11	6°57'39	5♋14	9°21	5°11	9°43	3°19	15° 3	13°21	13°38	11°18	18°R 3	18°41	24° 7	3°27	T 28
W29	12 25 8	7°57'38	19°23	8°24	6°24	9°33	3°32	15° 8	13°20	13°40	11°18	18° 2	18°37	24°14	3°31	W29
T 30	12 29 4	8°57'35	3♌25	7°25	7°38	9°21	3°46	15°12	13°18	13°41	11°18	18° 2	18°34	24°21	3°35	T 30
F 31	12 33 1	9♈57'30	17♌18	6♈26	8♉51	9♏ 9	4♉ 0	15♊17	13♏16	13♒43	11♋18	18♎ 1	18♎31	24♐28	3♓39	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s51	17n56	5s 5	4s12	1s 4	0s29	1s19	12s17	2n30	9n30	1s 4	20n36	1s43	15s26	0n30	16s31	0n21	15n47	7s 2	7s17	7s49	18s30	5s17	5n58
T 2	7 28	16 17	5 10	3 22	0 55	0n 2	1 17	12 19	2 30	9 34	1 4	20 36	1 43	15 26	0 30	16 31	0 21	15 48	7 2	7 15	7 47	18 30	5 16	5 58
F 3	7 5	13 37	4 54	2 32	0 45	0 32	1 16	12 21	2 31	9 39	1 4	20 37	1 42	15 26	0 30	16 30	0 21	15 48	7 2	7 13	7 46	18 30	5 14	5 58
S 4	6 42	10 10	4 21	1 42	0 35	1 3	1 14	12 23	2 31	9 43	1 4	20 37	1 42	15 26	0 31	16 30	0 21	15 48	7 2	7 11	7 45	18 30	5 13	5 58
S 5	6 19	6 12	3 32	0 52	0 24	1 34	1 12	12 25	2 32	9 48	1 4	20 38	1 42	15 25	0 31	16 29	0 21	15 48	7 1	7 9	7 44	18 30	5 11	5 58
M 6	5 56	1 57	2 32	0 3	0 12	2 5	1 11	12 27	2 32	9 52	1 4	20 38	1 42	15 25	0 31	16 29	0 21	15 48	7 1	7 7	7 43	18 30	5 10	5 58
T 7	5 33	2s18	1 25	0n47	0n 0	2 35	1 9	12 28	2 32	9 57	1 3	20 39	1 41	15 25	0 31	16 28	0 21	15 49	7 1	7 6	7 42	18 30	5 8	5 58
W 8	5 9	6 19	0 14	1 35	0 13	3 6	1 7	12 29	2 33	10 2	1 3	20 39	1 41	15 25	0 31	16 27	0 21	15 49	7 1	7 5	7 40	18 30	5 6	5 58
T 9	4 46	9 58	0n55	2 22	0 26	3 37	1 5	12 30	2 33	10 6	1 3	20 40	1 41	15 24	0 31	16 27	0 21	15 49	7 1	7 6	7 39	18 30	5 5	5 58
F 10	4 22	13 3	2 1	3 8	0 40	4 7	1 4	12 31	2 33	10 11	1 3	20 40	1 41	15 24	0 31	16 26	0 21	15 49	7 0	7 6	7 38	18 30	5 3	5 58
S 11	3 59	15 30	2 59	3 51	0 54	4 38	1 2	12 32	2 34	10 15	1 3	20 41	1 40	15 24	0 31	16 26	0 21	15 50	7 0	7 7	7 37	18 30	5 1	5 58
S 12	3 35	17 14	3 49	4 33	1 9	5 8	1 0	12 32	2 34	10 20	1 3	20 41	1 40	15 23	0 31	16 25	0 21	15 50	7 0	7 7	7 36	18 30	5 0	5 58
M13	3 12	18 11	4 28	5 12	1 23	5 38	0 57	12 33	2 34	10 25	1 3	20 42	1 40	15 23	0 31	16 25	0 21	15 50	7 0	7 8	7 34	18 30	4 58	5 58
T 14	2 48	18 21	4 56	5 48	1 38	6 8	0 55	12 33	2 34	10 29	1 2	20 42	1 40	15 22	0 31	16 24	0 21	15 50	7 0	7 8	7 33	18 30	4 57	5 59
W15	2 24	17 41	5 12	6 21	1 52	6 38	0 53	12 33	2 34	10 34	1 2	20 43	1 39	15 22	0 31	16 24	0 21	15 50	7 0	7 7	7 32	18 30	4 55	5 59
T 16	2 0	16 14	5 13	6 51	2 7	7 8	0 51	12 32	2 35	10 39	1 2	20 44	1 39	15 22	0 31	16 23	0 21	15 51	6 59	7 6	7 31	18 30	4 53	5 59
F 17	1 37	14 2	5 1	7 16	2 20	7 38	0 49	12 32	2 35	10 43	1 2	20 44	1 39	15 21	0 31	16 23	0 21	15 51	6 59	7 5	7 30	18 30	4 52	5 59
S 18	1 13	11 9	4 35	7 38	2 34	8 7	0 46	12 31	2 35	10 48	1 2	20 45	1 39	15 21	0 31	16 22	0 21	15 51	6 59	7 4	7 28	18 30	4 50	5 59
S 19	0 49	7 41	3 54	7 55	2 46	8 37	0 44	12 30	2 35	10 53	1 2	20 46	1 38	15 20	0 31	16 22	0 21	15 51	6 59	7 3	7 27	18 29	4 49	5 59
M20	0 25	3 45	3 0	8 7	2 57	9 6	0 41	12 29	2 35	10 57	1 2	20 46	1 38	15 20	0 31	16 21	0 21	15 52	6 59	7 2	7 26	18 29	4 47	5 59
T 21	0 1	0n27	1 55	8 14	3 8	9 35	0 39	12 28	2 35	11 2	1 2	20 47	1 38	15 19	0 31	16 21	0 21	15 52	6 58	7 1	7 25	18 29	4 45	5 59
W22	0n23	4 43	0 42	8 17	3 16	10 4	0 36	12 26	2 35	11 7	1 1	20 48	1 38	15 19	0 31	16 20	0 21	15 52	6 58	7 1	7 24	18 29	4 44	5 59
T 23	0 46	8 48	0s35	8 14	3 23	10 32	0 34	12 24	2 35	11 11	1 1	20 48	1 37	15 18	0 31	16 20	0 21	15 52	6 58	7 1	7 22	18 29	4 42	5 59
F 24	1 10	12 27	1 50	8 7	3 29	11 0	0 31	12 22	2 34	11 16	1 1	20 49	1 37	15 18	0 31	16 19	0 21	15 52	6 58	7 1	7 21	18 29	4 41	6 0
S 25	1 34	15 23	3 0	7 55	3 32	11 28	0 29	12 20	2 34	11 21	1 1	20 50	1 37	15 17	0 31	16 19	0 21	15 53	6 57	7 1	7 20	18 29	4 39	6 0
S 26	1 58	17 23	3 58	7 39	3 34	11 56	0 26	12 18	2 34	11 26	1 1	20 50	1 37	15 17	0 31	16 18	0 21	15 53	6 57	7 2	7 19	18 29	4 37	6 0
M27	2 21	18 17	4 42	7 19	3 33	12 24	0 23	12 15	2 34	11 30	1 1	20 51	1 37	15 16	0 31	16 18	0 21	15 53	6 57	7 2	7 18	18 29	4 36	6 0
T 28	2 45	18 2	5 9	6 55	3 31	12 51	0 20	12 12	2 33	11 35	1 1	20 52	1 36	15 16	0 31	16 18	0 21	15 53	6 57	7 2	7 16	18 29	4 34	6 0
W29	3 8	16 40	5 17	6 28	3 26	13 18	0 18	12 9	2 33	11 40	1 1	20 52	1 36	15 15	0 31	16 17	0 21	15 53	6 57	7 2	7 15	18 29	4 33	6 0
T 30	3 32	14 19	5 5	5 59	3 20	13 44	0 15	12 6	2 33	11 45	1 1	20 53	1 36	15 14	0 31	16 17	0 21	15 54	6 56	7 2	7 14	18 29	4 31	6 1
F 31	3n55	11n 9	4s36	5n28	3n11	14n10	0s12	12s 3	2n32	11n49	1s 0	20n54	1s36	15s14	0n31	16s16	0n21	15n54	6s56	7s 1	7s13	18s29	4s30	6n 1

Julian Day Number = 2871632.5, Delta T = 01h12m21s
Ecliptic obliquity = 23°17'17, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°50'48, Lahiri = 39°57'48

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ASTRODIENST EPHEMERIS for the year 3150
geocentric

APRIL 3150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 36 58	10♈57'23	1♍ 2	5°R28	10♉ 5	8°R56	4♉14	15♊21	13°R14	13♒44	11♋18	18°R 0	18♎28	24♐34	3♓43	S 1
S 2	12 40 54	11°57'14	14°33	4♈33	11°18	8♏43	4°28	15°26	13♏12	13°45	11°18	17♎59	18°25	24°41	3°46	S 2
M 3	12 44 51	12°57'02	27°52	3°41	12°31	8°28	4°42	15°31	13° 9	13°47	11°18	17°59	18°21	24°48	3°50	M 3
T 4	12 48 47	13°56'49	10♎56	2°53	13°44	8°13	4°56	15°36	13° 7	13°48	11°18	17°58	18°18	24°54	3°54	T 4
W 5	12 52 44	14°56'34	23°45	2°11	14°58	7°58	5°10	15°41	13° 5	13°49	11°19	17°D58	18°15	25° 1	3°58	W 5
T 6	12 56 40	15°56'17	6♏19	1°33	16°11	7°41	5°24	15°46	13° 3	13°51	11°19	17°59	18°12	25° 8	4° 2	T 6
F 7	13 0 37	16°55'58	18°40	1° 2	17°24	7°24	5°38	15°51	13° 1	13°52	11°19	17°59	18° 9	25°15	4° 5	F 7
S 8	13 4 33	17°55'37	0♐49	0°37	18°37	7° 6	5°52	15°56	12°59	13°53	11°19	17°R59	18° 6	25°21	4° 9	S 8
S 9	13 8 30	18°55'15	12°49	0°17	19°50	6°48	6° 7	16° 2	12°56	13°54	11°20	17°59	18° 2	25°28	4°12	S 9
M10	13 12 26	19°54'51	24°43	0° 5	21° 2	6°29	6°21	16° 7	12°54	13°56	11°20	17°59	17°59	25°35	4°16	M10
T 11	13 16 23	20°54'25	6♑35	29♓58	22°15	6°10	6°35	16°12	12°52	13°57	11°20	17°58	17°56	25°41	4°19	T 11
W12	13 20 20	21°53'58	18°30	29°D57	23°28	5°50	6°49	16°18	12°49	13°58	11°21	17°D58	17°53	25°48	4°23	W12
T 13	13 24 16	22°53'28	0♒32	0♈ 2	24°41	5°29	7° 4	16°23	12°47	13°59	11°21	17°58	17°50	25°55	4°26	T 13
F 14	13 28 13	23°52'58	12°45	0°12	25°53	5° 9	7°18	16°29	12°45	14° 0	11°22	17°59	17°47	26° 2	4°30	F 14
S 15	13 32 9	24°52'25	25°15	0°28	27° 6	4°47	7°32	16°35	12°42	14° 1	11°22	17°59	17°43	26° 8	4°33	S 15
S 16	13 36 6	25°51'51	8♓ 4	0°48	28°18	4°26	7°47	16°41	12°40	14° 2	11°23	18° 0	17°40	26°15	4°36	S 16
M17	13 40 2	26°51'14	21°15	1°14	29°31	4° 3	8° 1	16°47	12°37	14° 3	11°23	18° 1	17°37	26°22	4°40	M17
T 18	13 43 59	27°50'36	4♈50	1°44	0♊43	3°41	8°15	16°52	12°35	14° 4	11°24	18° 1	17°34	26°28	4°43	T 18
W19	13 47 55	28°49'57	18°47	2°18	1°55	3°18	8°30	16°58	12°32	14° 5	11°24	18°R 2	17°31	26°35	4°46	W19
T 20	13 51 52	29°49'15	3♉ 4	2°57	3° 8	2°56	8°44	17° 4	12°30	14° 6	11°25	18° 1	17°27	26°42	4°49	T 20
F 21	13 55 49	0♉48'31	17°36	3°39	4°20	2°33	8°59	17°11	12°27	14° 7	11°25	18° 0	17°24	26°49	4°52	F 21
S 22	13 59 45	1°47'46	2♊16	4°25	5°32	2° 9	9°13	17°17	12°25	14° 8	11°26	17°59	17°21	26°55	4°55	S 22
S 23	14 3 42	2°46'58	16°58	5°14	6°44	1°46	9°28	17°23	12°22	14° 8	11°26	17°57	17°18	27° 2	4°58	S 23
M24	14 7 38	3°46'08	1♋35	6° 7	7°56	1°23	9°42	17°29	12°20	14° 9	11°27	17°55	17°15	27° 9	5° 1	M24
T 25	14 11 35	4°45'16	16° 2	7° 2	9° 8	1° 0	9°57	17°36	12°17	14°10	11°28	17°54	17°12	27°15	5° 4	T 25
W26	14 15 31	5°44'21	0♌15	8° 1	10°19	0°36	10°11	17°42	12°15	14°11	11°28	17°D53	17° 8	27°22	5° 7	W26
T 27	14 19 28	6°43'24	14°12	9° 2	11°31	0°13	10°26	17°49	12°12	14°11	11°29	17°53	17° 5	27°29	5° 9	T 27
F 28	14 23 24	7°42'25	27°52	10° 6	12°43	29♎50	10°40	17°55	12°10	14°12	11°30	17°54	17° 2	27°36	5°12	F 28
S 29	14 27 21	8°41'24	11♍15	11°13	13°54	29°28	10°55	18° 2	12° 7	14°12	11°30	17°55	16°59	27°42	5°15	S 29
S 30	14 31 18	9♉40'20	24♍24	12♈21	15♊ 6	29♎ 5	11♉ 9	18♊ 8	12♏ 4	14♒13	11♋31	17♎57	16♎56	27♐49	5♓17	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n19	7n25	3s52	4n56	3n 1	14n36	0s 9	11s59	2n32	11n54	1s 0	20n54	1s35	15s13	0n31	16s16	0n21	15n54	6s56	7s 1	7s12	18s28	4s28	6n 1
S 2	4 42	3 21	2 55	4 24	2 50	15 2	0 6	11 56	2 31	11 59	1 0	20 55	1 35	15 13	0 31	16 15	0 21	15 54	6 56	7 1	7 10	18 28	4 27	6 1
M 3	5 5	0s50	1 49	3 52	2 37	15 27	0 3	11 52	2 31	12 4	1 0	20 56	1 35	15 12	0 31	16 15	0 21	15 54	6 56	7 1	7 9	18 28	4 25	6 1
T 4	5 28	4 54	0 39	3 20	2 23	15 52	0 0	11 47	2 30	12 8	1 0	20 57	1 35	15 11	0 31	16 15	0 21	15 55	6 55	7 0	7 8	18 28	4 24	6 1
W 5	5 51	8 40	0n32	2 50	2 9	16 16	0n 3	11 43	2 29	12 13	1 0	20 57	1 35	15 11	0 31	16 14	0 21	15 55	6 55	7 0	7 7	18 28	4 22	6 2
T 6	6 14	11 58	1 40	2 22	1 54	16 40	0 6	11 39	2 28	12 18	1 0	20 58	1 34	15 10	0 31	16 14	0 21	15 55	6 55	7 0	7 6	18 28	4 20	6 2
F 7	6 37	14 40	2 42	1 55	1 39	17 4	0 9	11 34	2 27	12 23	1 0	20 59	1 34	15 9	0 31	16 14	0 21	15 55	6 55	7 1	7 4	18 28	4 19	6 2
S 8	6 59	16 40	3 36	1 31	1 23	17 27	0 12	11 29	2 27	12 27	1 0	21 0	1 34	15 9	0 31	16 13	0 21	15 55	6 55	7 1	7 3	18 28	4 18	6 2
S 9	7 22	17 54	4 20	1 9	1 8	17 49	0 15	11 24	2 26	12 32	1 0	21 0	1 34	15 8	0 31	16 13	0 21	15 55	6 54	7 1	7 2	18 28	4 16	6 2
M10	7 44	18 20	4 52	0 50	0 52	18 12	0 18	11 19	2 24	12 37	1 0	21 1	1 34	15 7	0 31	16 12	0 21	15 56	6 54	7 0	7 1	18 28	4 15	6 3
T 11	8 7	17 57	5 11	0 33	0 37	18 33	0 21	11 14	2 23	12 41	1 0	21 2	1 33	15 7	0 31	16 12	0 21	15 56	6 54	7 0	7 0	18 27	4 13	6 3
W12	8 29	16 47	5 17	0 19	0 22	18 55	0 24	11 9	2 22	12 46	0 59	21 3	1 33	15 6	0 31	16 12	0 21	15 56	6 54	7 0	6 58	18 27	4 12	6 3
T 13	8 51	14 52	5 10	0 8	0 8	19 16	0 27	11 3	2 21	12 51	0 59	21 3	1 33	15 5	0 31	16 12	0 21	15 56	6 54	7 0	6 57	18 27	4 10	6 3
F 14	9 13	12 16	4 48	0s 1	0s 6	19 36	0 30	10 57	2 20	12 56	0 59	21 4	1 33	15 4	0 31	16 11	0 21	15 56	6 53	7 1	6 56	18 27	4 9	6 4
S 15	9 34	9 3	4 13	0 7	0 20	19 56	0 34	10 52	2 18	13 0	0 59	21 5	1 33	15 4	0 31	16 11	0 21	15 56	6 53	7 1	6 55	18 27	4 7	6 4
S 16	9 56	5 20	3 24	0 11	0 33	20 15	0 37	10 46	2 17	13 5	0 59	21 6	1 32	15 3	0 31	16 11	0 21	15 57	6 53	7 1	6 54	18 27	4 6	6 4
M17	10 17	1 15	2 23	0 12	0 45	20 34	0 40	10 40	2 15	13 10	0 59	21 6	1 32	15 2	0 31	16 10	0 21	15 57	6 53	7 1	6 52	18 27	4 5	6 4
T 18	10 38	3n 1	1 12	0 11	0 57	20 52	0 43	10 34	2 14	13 14	0 59	21 7	1 32	15 1	0 31	16 10	0 21	15 57	6 53	7 2	6 51	18 26	4 3	6 5
W19	10 59	7 15	0s 4	0 8	1 8	21 10	0 46	10 28	2 12	13 19	0 59	21 8	1 32	15 1	0 31	16 10	0 21	15 57	6 52	7 2	6 50	18 26	4 2	6 5
T 20	11 20	11 10	1 22	0 2	1 18	21 27	0 49	10 22	2 10	13 24	0 59	21 9	1 32	15 0	0 31	16 10	0 21	15 57	6 52	7 1	6 49	18 26	4 0	6 5
F 21	11 41	14 28	2 36	0n 5	1 28	21 44	0 52	10 16	2 9	13 28	0 59	21 9	1 31	14 59	0 31	16 9	0 21	15 57	6 52	7 1	6 47	18 26	3 59	6 5
S 22	12 1	16 52	3 41	0 15	1 38	22 0	0 55	10 10	2 7	13 33	0 59	21 10	1 31	14 58	0 31	16 9	0 21	15 58	6 52	7 1	6 46	18 26	3 58	6 6
S 23	12 22	18 9	4 31	0 26	1 46	22 15	0 58	10 3	2 5	13 37	0 59	21 11	1 31	14 58	0 31	16 9	0 21	15 58	6 52	7 0	6 45	18 26	3 56	6 6
M24	12 42	18 14	5 3	0 39	1 55	22 30	1 1	9 57	2 3	13 42	0 59	21 12	1 31	14 57	0 31	16 9	0 21	15 58	6 51	6 59	6 44	18 25	3 55	6 6
T 25	13 1	17 6	5 16	0 54	2 2	22 44	1 4	9 51	2 1	13 47	0 59	21 12	1 31	14 56	0 31	16 8	0 21	15 58	6 51	6 59	6 43	18 25	3 54	6 7
W26	13 21	14 56	5 9	1 11	2 9	22 58	1 7	9 45	1 59	13 51	0 59	21 13	1 31	14 55	0 31	16 8	0 21	15 58	6 51	6 58	6 41	18 25	3 53	6 7
T 27	13 40	11 56	4 43	1 29	2 15	23 11	1 10	9 39	1 57	13 56	0 59	21 14	1 30	14 55	0 31	16 8	0 21	15 58	6 51	6 58	6 40	18 25	3 51	6 7
F 28	14 0	8 21	4 2	1 49	2 21	23 23	1 13	9 33	1 55	14 0	0 59	21 15	1 30	14 54	0 31	16 8	0 21	15 58	6 51	6 59	6 39	18 25	3 50	6 7
S 29	14 18	4 23	3 9	2 10	2 26	23 35	1 16	9 27	1 53	14 5	0 59	21 15	1 30	14 53	0 31	16 8	0 21	15 58	6 51	6 59	6 38	18 25	3 49	6 8
S 30	14n37	0n17	2s 6	2n32	2s30	23n46	1n19	9s21	1n50	14n 9	0s58	21n16	1s30	14s52	0n31	16s 7	0n21	15n59	6s50	7s 0	6s37	18s24	3s48	6n 8

Julian Day Number = 2871663.5, Delta T = 01h12m22s
Ecliptic obliquity = 23°17'17, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°50'52, Lahiri = 39°57'53

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ASTRODIENST EPHEMERIS for the year 3150
geocentric

MAY 3150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 35 14	10♉39'14	7♎18	13♈33	16♊17	28°R43	11♉24	18♊15	12°R 2	14♒14	11♋32	17♎58	16♎52	27♐56	5♓20	M 1
T 2	14 39 11	11°38'06	20° 0	14°46	17°28	28♎21	11°38	18°22	11♏59	14°14	11°33	17°R58	16°49	28° 2	5°22	T 2
W 3	14 43 7	12°36'56	2♏30	16° 2	18°40	27°59	11°53	18°28	11°57	14°15	11°33	17°57	16°46	28° 9	5°25	W 3
T 4	14 47 4	13°35'44	14°50	17°19	19°51	27°38	12° 7	18°35	11°54	14°15	11°34	17°55	16°43	28°16	5°27	T 4
F 5	14 51 0	14°34'31	27° 1	18°39	21° 2	27°17	12°22	18°42	11°52	14°15	11°35	17°52	16°40	28°23	5°29	F 5
S 6	14 54 57	15°33'15	9♐ 4	20° 1	22°13	26°57	12°36	18°49	11°49	14°16	11°36	17°47	16°37	28°29	5°32	S 6
S 7	14 58 53	16°31'58	21° 1	21°24	23°23	26°37	12°51	18°56	11°46	14°16	11°37	17°42	16°33	28°36	5°34	S 7
M 8	15 2 50	17°30'38	2♑54	22°50	24°34	26°18	13° 5	19° 3	11°44	14°16	11°38	17°37	16°30	28°43	5°36	M 8
T 9	15 6 46	18°29'18	14°46	24°17	25°45	25°59	13°19	19°10	11°41	14°17	11°39	17°33	16°27	28°49	5°38	T 9
W10	15 10 43	19°27'55	26°41	25°46	26°55	25°41	13°34	19°17	11°39	14°17	11°40	17°29	16°24	28°56	5°40	W10
T 11	15 14 40	20°26'31	8♒41	27°17	28° 6	25°23	13°48	19°24	11°36	14°17	11°41	17°27	16°21	29° 3	5°42	T 11
F 12	15 18 36	21°25'05	20°52	28°50	29°16	25° 6	14° 3	19°31	11°34	14°17	11°41	17°D26	16°18	29°10	5°44	F 12
S 13	15 22 33	22°23'38	3♓18	0♉25	0♋26	24°50	14°17	19°38	11°31	14°17	11°42	17°27	16°14	29°16	5°46	S 13
S 14	15 26 29	23°22'09	16° 3	2° 1	1°37	24°35	14°32	19°45	11°29	14°18	11°43	17°28	16°11	29°23	5°48	S 14
M15	15 30 26	24°20'38	29°12	3°39	2°47	24°20	14°46	19°53	11°26	14°18	11°44	17°30	16° 8	29°30	5°49	M15
T 16	15 34 22	25°19'06	12♈48	5°19	3°57	24° 5	15° 0	20° 0	11°24	14°18	11°45	17°R31	16° 5	29°36	5°51	T 16
W17	15 38 19	26°17'32	26°50	7° 1	5° 6	23°52	15°15	20° 7	11°21	14°R18	11°47	17°30	16° 2	29°43	5°53	W17
T 18	15 42 15	27°15'57	11♉18	8°44	6°16	23°39	15°29	20°15	11°19	14°18	11°48	17°28	15°58	29°50	5°54	T 18
F 19	15 46 12	28°14'20	26° 7	10°30	7°26	23°27	15°43	20°22	11°16	14°18	11°49	17°25	15°55	29°57	5°56	F 19
S 20	15 50 9	29°12'41	11♊ 9	12°17	8°35	23°16	15°58	20°29	11°14	14°17	11°50	17°19	15°52	0♑ 3	5°57	S 20
S 21	15 54 5	0♊11'01	26°16	14° 6	9°45	23° 6	16°12	20°37	11°11	14°17	11°51	17°13	15°49	0°10	5°58	S 21
M22	15 58 2	1° 9'19	11♋16	15°56	10°54	22°56	16°26	20°44	11° 9	14°17	11°52	17° 7	15°46	0°17	6° 0	M22
T 23	16 1 58	2° 7'35	26° 3	17°49	12° 3	22°47	16°40	20°52	11° 7	14°17	11°53	17° 1	15°43	0°23	6° 1	T 23
W24	16 5 55	3° 5'49	10♌29	19°43	13°12	22°39	16°55	20°59	11° 4	14°17	11°54	16°57	15°39	0°30	6° 2	W24
T 25	16 9 51	4° 4'00	24°31	21°39	14°21	22°32	17° 9	21° 7	11° 2	14°16	11°55	16°55	15°36	0°37	6° 3	T 25
F 26	16 13 48	5° 2'10	8♍10	23°36	15°30	22°26	17°23	21°14	11° 0	14°16	11°57	16°D55	15°33	0°44	6° 4	F 26
S 27	16 17 45	6° 0'18	21°25	25°36	16°39	22°20	17°37	21°22	10°57	14°16	11°58	16°55	15°30	0°50	6° 5	S 27
S 28	16 21 41	6°58'24	4♎21	27°37	17°47	22°16	17°51	21°29	10°55	14°16	11°59	16°57	15°27	0°57	6° 6	S 28
M29	16 25 38	7°56'28	17° 0	29°40	18°55	22°12	18° 5	21°37	10°53	14°15	12° 0	16°R57	15°24	1° 4	6° 7	M29
T 30	16 29 34	8°54'31	29°26	1♊44	20° 4	22° 8	18°19	21°45	10°51	14°15	12° 1	16°56	15°20	1°10	6° 8	T 30
W31	16 33 31	9♊52'31	11♏41	3♊50	21♋12	22♎ 6	18♉33	21♊52	10♏49	14♒14	12♋ 3	16♎53	15♎17	1♑17	6♓ 8	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n56	3s47	0s58	2n56	2s34	23n57	1n22	9s16	1n48	14n14	0s58	21n17	1s30	14s52	0n31	16s 7	0n21	15n59	6s50	7s 0	6s35	18s24	3s46	6n 8
T 2	15 14	7 36	0n11	3 21	2 38	24 7	1 25	9 10	1 46	14 18	0 58	21 18	1 30	14 51	0 31	16 7	0 21	15 59	6 50	7 0	6 34	18 24	3 45	6 9
W 3	15 32	11 1	1 19	3 48	2 41	24 16	1 28	9 5	1 44	14 23	0 58	21 18	1 29	14 50	0 31	16 7	0 21	15 59	6 50	7 0	6 33	18 24	3 44	6 9
T 4	15 49	13 55	2 22	4 15	2 43	24 24	1 30	8 59	1 41	14 27	0 58	21 19	1 29	14 49	0 31	16 7	0 21	15 59	6 50	6 59	6 32	18 24	3 43	6 9
F 5	16 7	16 9	3 18	4 43	2 45	24 32	1 33	8 54	1 39	14 31	0 58	21 20	1 29	14 48	0 31	16 7	0 21	15 59	6 49	6 58	6 31	18 23	3 42	6 10
S 6	16 24	17 39	4 4	5 13	2 46	24 39	1 36	8 49	1 36	14 36	0 58	21 21	1 29	14 48	0 31	16 7	0 21	15 59	6 49	6 56	6 29	18 23	3 41	6 10
S 7	16 40	18 20	4 39	5 43	2 46	24 46	1 39	8 44	1 34	14 40	0 58	21 21	1 29	14 47	0 31	16 7	0 21	15 59	6 49	6 54	6 28	18 23	3 40	6 10
M 8	16 57	18 13	5 2	6 15	2 46	24 52	1 41	8 40	1 31	14 44	0 58	21 22	1 29	14 46	0 31	16 7	0 21	15 59	6 49	6 52	6 27	18 23	3 39	6 11
T 9	17 13	17 18	5 12	6 47	2 46	24 57	1 44	8 35	1 29	14 49	0 58	21 23	1 29	14 45	0 31	16 6	0 21	16 0	6 49	6 51	6 26	18 23	3 38	6 11
W10	17 29	15 38	5 8	7 20	2 45	25 1	1 46	8 31	1 27	14 53	0 58	21 23	1 28	14 45	0 31	16 6	0 21	16 0	6 49	6 49	6 24	18 22	3 37	6 11
T 11	17 45	13 17	4 51	7 54	2 43	25 5	1 49	8 27	1 24	14 57	0 58	21 24	1 28	14 44	0 31	16 6	0 21	16 0	6 48	6 49	6 23	18 22	3 35	6 12
F 12	18 0	10 19	4 21	8 29	2 41	25 8	1 51	8 23	1 22	15 2	0 58	21 25	1 28	14 43	0 31	16 6	0 21	16 0	6 48	6 48	6 22	18 22	3 34	6 12
S 13	18 15	6 51	3 38	9 4	2 38	25 11	1 53	8 20	1 19	15 6	0 58	21 25	1 28	14 42	0 31	16 6	0 21	16 0	6 48	6 48	6 21	18 22	3 34	6 12
S 14	18 30	2 58	2 43	9 40	2 35	25 12	1 56	8 17	1 17	15 10	0 58	21 26	1 28	14 42	0 31	16 6	0 21	16 0	6 48	6 49	6 20	18 22	3 33	6 13
M15	18 44	1n11	1 38	10 17	2 32	25 13	1 58	8 13	1 14	15 14	0 58	21 27	1 28	14 41	0 31	16 6	0 21	16 0	6 48	6 50	6 18	18 21	3 32	6 13
T 16	18 58	5 25	0 26	10 54	2 27	25 14	2 0	8 11	1 12	15 19	0 58	21 27	1 28	14 40	0 31	16 6	0 21	16 0	6 48	6 50	6 17	18 21	3 31	6 13
W17	19 12	9 30	0s51	11 31	2 23	25 13	2 2	8 8	1 9	15 23	0 58	21 28	1 27	14 39	0 31	16 6	0 21	16 0	6 48	6 50	6 16	18 21	3 30	6 14
T 18	19 25	13 8	2 6	12 9	2 18	25 12	2 4	8 6	1 7	15 27	0 58	21 29	1 27	14 39	0 31	16 6	0 21	16 0	6 47	6 49	6 15	18 21	3 29	6 14
F 19	19 39	16 1	3 14	12 47	2 12	25 11	2 6	8 4	1 4	15 31	0 58	21 29	1 27	14 38	0 31	16 6	0 21	16 0	6 47	6 48	6 14	18 20	3 28	6 14
S 20	19 51	17 51	4 10	13 26	2 6	25 8	2 8	8 2	1 2	15 35	0 58	21 30	1 27	14 37	0 31	16 6	0 21	16 0	6 47	6 46	6 12	18 20	3 27	6 15
S 21	20 4	18 26	4 49	14 4	1 59	25 5	2 10	8 0	0 59	15 39	0 58	21 31	1 27	14 36	0 31	16 6	0 21	16 0	6 47	6 43	6 11	18 20	3 26	6 15
M22	20 16	17 43	5 7	14 43	1 52	25 2	2 11	7 59	0 57	15 43	0 58	21 31	1 27	14 36	0 31	16 6	0 21	16 0	6 47	6 41	6 10	18 20	3 26	6 15
T 23	20 27	15 48	5 5	15 21	1 45	24 57	2 13	7 58	0 54	15 47	0 58	21 32	1 27	14 35	0 31	16 6	0 21	16 1	6 47	6 39	6 9	18 19	3 25	6 16
W24	20 39	12 57	4 43	16 0	1 37	24 52	2 15	7 57	0 52	15 51	0 58	21 33	1 27	14 34	0 31	16 6	0 21	16 1	6 46	6 37	6 7	18 19	3 24	6 16
T 25	20 50	9 24	4 5	16 38	1 28	24 46	2 16	7 57	0 49	15 55	0 58	21 33	1 27	14 34	0 31	16 6	0 21	16 1	6 46	6 36	6 6	18 19	3 23	6 16
F 26	21 0	5 27	3 14	17 16	1 19	24 40	2 17	7 57	0 47	15 59	0 58	21 34	1 26	14 33	0 31	16 7	0 21	16 1	6 46	6 36	6 5	18 19	3 23	6 17
S 27	21 10	1 20	2 13	17 54	1 10	24 33	2 19	7 57	0 45	16 3	0 58	21 34	1 26	14 32	0 31	16 7	0 21	16 1	6 46	6 37	6 4	18 18	3 22	6 17
S 28	21 20	2s45	1 7	18 31	1 1	24 26	2 20	7 57	0 42	16 7	0 58	21 35	1 26	14 31	0 31	16 7	0 21	16 1	6 46	6 37	6 3	18 18	3 21	6 18
M29	21 30	6 38	0n 0	19 7	0 51	24 17	2 21	7 58	0 40	16 11	0 58	21 35	1 26	14 31	0 30	16 7	0 21	16 1	6 46	6 37	6 1	18 18	3 21	6 18
T 30	21 39	10 10	1 7	19 42	0 41	24 9	2 22	7 59	0 38	16 15	0 58	21 36	1 26	14 30	0 30	16 7	0 21	16 1	6 46	6 37	6 0	18 18	3 20	6 18
W31	21n47	13s12	2n 9	20n17	0s31	23n59	2n23	8s 0	0n36	16n18	0s58	21n37	1s26	14s30	0n30	16s 7	0n21	16n 1	6s46	6s36	5s59	18s17	3s19	6n19

Julian Day Number = 2871693.5, Delta T = 01h12m22s
Ecliptic obliquity = 23°17'17, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°50'56, Lahiri = 39°57'57

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ASTRODIENST EPHEMERIS for the year 3150
geocentric

JUNE 3150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 37 27	10♊50'30	23♏48	5♊58	22♋20	22°R 4	18♉47	22♊ 0	10°R46	14°R14	12♋ 4	16°R48	15♎14	1♑24	6♓ 9	T 1
F 2	16 41 24	11°48'28	5♐49	8° 6	23°27	22♎ 4	19° 1	22° 8	10♏44	14♒13	12° 5	16♎40	15°11	1°31	6°10	F 2
S 3	16 45 20	12°46'24	17°45	10°16	24°35	22°D 4	19°15	22°15	10°42	14°13	12° 6	16°31	15° 8	1°37	6°10	S 3
S 4	16 49 17	13°44'18	29°39	12°26	25°42	22° 4	19°29	22°23	10°40	14°12	12° 8	16°20	15° 4	1°44	6°10	S 4
M 5	16 53 14	14°42'11	11♑32	14°37	26°50	22° 6	19°42	22°31	10°38	14°12	12° 9	16° 9	15° 1	1°51	6°11	M 5
T 6	16 57 10	15°40'03	23°25	16°48	27°57	22° 8	19°56	22°38	10°36	14°11	12°10	15°59	14°58	1°58	6°11	T 6
W 7	17 1 7	16°37'54	5♒20	19° 0	29° 4	22°11	20°10	22°46	10°34	14°10	12°11	15°50	14°55	2° 4	6°11	W 7
T 8	17 5 3	17°35'43	17°21	21°12	0♌10	22°14	20°24	22°54	10°32	14°10	12°13	15°44	14°52	2°11	6°12	T 8
F 9	17 9 0	18°33'31	29°32	23°23	1°17	22°19	20°37	23° 2	10°31	14° 9	12°14	15°40	14°49	2°18	6°12	F 9
S 10	17 12 56	19°31'18	11♓55	25°33	2°23	22°24	20°51	23° 9	10°29	14° 8	12°15	15°38	14°45	2°24	6°R12	S 10
S 11	17 16 53	20°29'04	24°36	27°42	3°30	22°29	21° 4	23°17	10°27	14° 7	12°17	15°D38	14°42	2°31	6°12	S 11
M12	17 20 49	21°26'49	7♈40	29°51	4°36	22°36	21°18	23°25	10°25	14° 7	12°18	15°38	14°39	2°38	6°12	M12
T 13	17 24 46	22°24'33	21° 9	1♋57	5°42	22°43	21°31	23°33	10°24	14° 6	12°19	15°R38	14°36	2°45	6°12	T 13
W14	17 28 43	23°22'17	5♉ 7	4° 2	6°47	22°50	21°44	23°40	10°22	14° 5	12°21	15°37	14°33	2°51	6°11	W14
T 15	17 32 39	24°19'59	19°33	6° 5	7°53	22°59	21°58	23°48	10°20	14° 4	12°22	15°33	14°30	2°58	6°11	T 15
F 16	17 36 36	25°17'40	4♊24	8° 6	8°58	23° 8	22°11	23°56	10°19	14° 3	12°23	15°27	14°26	3° 5	6°11	F 16
S 17	17 40 32	26°15'20	19°33	10° 5	10° 3	23°18	22°24	24° 4	10°17	14° 2	12°25	15°18	14°23	3°11	6°10	S 17
S 18	17 44 29	27°12'59	4♋52	12° 2	11° 8	23°28	22°37	24°11	10°16	14° 1	12°26	15° 8	14°20	3°18	6°10	S 18
M19	17 48 25	28°10'37	20° 7	13°56	12°12	23°39	22°50	24°19	10°14	14° 0	12°28	14°58	14°17	3°25	6° 9	M19
T 20	17 52 22	29° 8'14	5♌ 9	15°47	13°17	23°50	23° 3	24°27	10°13	13°59	12°29	14°49	14°14	3°32	6° 9	T 20
W21	17 56 18	0♋ 5'49	19°50	17°36	14°21	24° 2	23°16	24°35	10°11	13°58	12°30	14°42	14°10	3°38	6° 8	W21
T 22	18 0 15	1° 3'23	4♍ 2	19°22	15°25	24°15	23°29	24°42	10°10	13°57	12°32	14°37	14° 7	3°45	6° 7	T 22
F 23	18 4 12	2° 0'56	17°47	21° 6	16°28	24°28	23°42	24°50	10° 9	13°56	12°33	14°35	14° 4	3°52	6° 7	F 23
S 24	18 8 8	2°58'28	1♎ 4	22°47	17°32	24°42	23°55	24°58	10° 7	13°55	12°35	14°D34	14° 1	3°59	6° 6	S 24
S 25	18 12 5	3°55'58	13°57	24°25	18°35	24°57	24° 8	25° 5	10° 6	13°54	12°36	14°R34	13°58	4° 5	6° 5	S 25
M26	18 16 1	4°53'27	26°30	26° 0	19°38	25°11	24°20	25°13	10° 5	13°53	12°37	14°34	13°55	4°12	6° 4	M26
T 27	18 19 58	5°50'55	8♏47	27°33	20°40	25°27	24°33	25°21	10° 4	13°52	12°39	14°32	13°51	4°19	6° 3	T 27
W28	18 23 54	6°48'22	20°54	29° 2	21°42	25°43	24°45	25°28	10° 3	13°50	12°40	14°28	13°48	4°25	6° 2	W28
T 29	18 27 51	7°45'48	2♐53	0♌29	22°44	25°59	24°58	25°36	10° 2	13°49	12°42	14°21	13°45	4°32	6° 1	T 29
F 30	18 31 47	8♋43'13	14♐48	1♌53	23♌46	26♎16	25♉10	25♊44	10♏ 1	13♒48	12♋43	14♎11	13♎42	4♑39	5♓59	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n56	15s37	3n 4	20n50	0s21	23n49	2n24	8s 2	0n33	16n22	0s58	21n37	1s26	14s29	0n30	16s 7	0n21	16n 1	6s45	6s34	5s58	18s17	3s19	6n19
F 2	22 4	17 21	3 51	21 21	0 10	23 38	2 25	8 3	0 31	16 26	0 58	21 38	1 26	14 28	0 30	16 7	0 21	16 1	6 45	6 31	5 57	18 17	3 18	6 19
S 3	22 11	18 18	4 27	21 51	0n 0	23 27	2 25	8 5	0 29	16 30	0 58	21 38	1 26	14 28	0 30	16 8	0 21	16 1	6 45	6 27	5 55	18 16	3 18	6 20
S 4	22 18	18 26	4 51	22 19	0 11	23 15	2 26	8 8	0 27	16 33	0 58	21 39	1 26	14 27	0 30	16 8	0 21	16 1	6 45	6 23	5 54	18 16	3 17	6 20
M 5	22 25	17 46	5 3	22 46	0 21	23 3	2 26	8 10	0 25	16 37	0 58	21 39	1 26	14 26	0 30	16 8	0 21	16 1	6 45	6 19	5 53	18 16	3 17	6 20
T 6	22 31	16 19	5 1	23 10	0 32	22 50	2 27	8 13	0 23	16 41	0 58	21 40	1 25	14 26	0 30	16 8	0 21	16 1	6 45	6 15	5 52	18 16	3 16	6 21
W 7	22 37	14 10	4 47	23 32	0 42	22 37	2 27	8 16	0 21	16 44	0 58	21 40	1 25	14 25	0 30	16 8	0 21	16 1	6 45	6 12	5 50	18 15	3 16	6 21
T 8	22 43	11 25	4 19	23 51	0 51	22 23	2 27	8 19	0 19	16 48	0 58	21 41	1 25	14 25	0 30	16 8	0 21	16 1	6 45	6 9	5 49	18 15	3 16	6 22
F 9	22 48	8 8	3 40	24 8	1 1	22 8	2 27	8 22	0 17	16 51	0 58	21 41	1 25	14 24	0 30	16 9	0 21	16 1	6 44	6 8	5 48	18 15	3 15	6 22
S 10	22 53	4 26	2 50	24 22	1 10	21 53	2 27	8 26	0 15	16 55	0 58	21 42	1 25	14 24	0 30	16 9	0 21	16 1	6 44	6 7	5 47	18 14	3 15	6 22
S 11	22 57	0 27	1 50	24 34	1 18	21 38	2 27	8 30	0 13	16 58	0 58	21 42	1 25	14 23	0 30	16 9	0 21	16 1	6 44	6 7	5 46	18 14	3 15	6 23
M12	23 1	3n40	0 42	24 43	1 26	21 22	2 26	8 34	0 11	17 2	0 58	21 43	1 25	14 23	0 30	16 9	0 21	16 1	6 44	6 7	5 44	18 14	3 14	6 23
T 13	23 4	7 45	0s29	24 49	1 33	21 5	2 26	8 39	0 9	17 5	0 58	21 43	1 25	14 22	0 30	16 10	0 21	16 1	6 44	6 7	5 43	18 13	3 14	6 23
W14	23 7	11 33	1 42	24 53	1 39	20 48	2 25	8 43	0 7	17 9	0 58	21 44	1 25	14 22	0 30	16 10	0 21	16 1	6 44	6 6	5 42	18 13	3 14	6 24
T 15	23 10	14 47	2 50	24 54	1 45	20 31	2 25	8 48	0 5	17 12	0 59	21 44	1 25	14 21	0 30	16 10	0 21	16 1	6 44	6 5	5 41	18 13	3 13	6 24
F 16	23 12	17 9	3 48	24 53	1 50	20 13	2 24	8 53	0 3	17 15	0 59	21 44	1 25	14 21	0 30	16 10	0 21	16 1	6 44	6 3	5 39	18 13	3 13	6 24
S 17	23 14	18 21	4 32	24 49	1 55	19 54	2 23	8 58	0 1	17 19	0 59	21 45	1 25	14 20	0 30	16 11	0 21	16 1	6 44	5 59	5 38	18 12	3 13	6 25
S 18	23 16	18 15	4 57	24 43	1 58	19 36	2 22	9 4	0s 0	17 22	0 59	21 45	1 25	14 20	0 30	16 11	0 21	16 1	6 44	5 56	5 37	18 12	3 13	6 25
M19	23 17	16 50	5 1	24 34	2 1	19 17	2 20	9 9	0 2	17 25	0 59	21 46	1 25	14 19	0 30	16 11	0 21	16 1	6 44	5 52	5 36	18 12	3 13	6 25
T 20	23 17	14 16	4 43	24 24	2 3	18 57	2 19	9 15	0 4	17 28	0 59	21 46	1 24	14 19	0 30	16 11	0 21	16 1	6 43	5 48	5 35	18 11	3 13	6 26
W21	23 17	10 51	4 7	24 11	2 4	18 37	2 18	9 21	0 5	17 31	0 59	21 46	1 24	14 18	0 30	16 12	0 21	16 1	6 43	5 45	5 33	18 11	3 13	6 26
T 22	23 17	6 54	3 17	23 57	2 5	18 17	2 16	9 27	0 7	17 35	0 59	21 47	1 24	14 18	0 30	16 12	0 21	16 1	6 43	5 44	5 32	18 11	3 12	6 27
F 23	23 16	2 42	2 17	23 41	2 4	17 56	2 14	9 34	0 9	17 38	0 59	21 47	1 24	14 18	0 30	16 12	0 21	16 0	6 43	5 43	5 31	18 10	3 12	6 27
S 24	23 15	1s30	1 11	23 24	2 3	17 35	2 12	9 40	0 10	17 41	0 59	21 47	1 24	14 17	0 30	16 13	0 21	16 0	6 43	5 43	5 30	18 10	3 12	6 27
S 25	23 14	5 31	0 3	23 5	2 1	17 14	2 10	9 47	0 12	17 44	0 59	21 48	1 24	14 17	0 30	16 13	0 21	16 0	6 43	5 43	5 28	18 9	3 12	6 28
M26	23 12	9 11	1n 3	22 45	1 58	16 52	2 8	9 54	0 13	17 47	0 59	21 48	1 24	14 17	0 30	16 13	0 21	16 0	6 43	5 42	5 27	18 9	3 13	6 28
T 27	23 10	12 22	2 4	22 24	1 55	16 30	2 6	10 1	0 15	17 50	0 59	21 48	1 24	14 16	0 30	16 14	0 21	16 0	6 43	5 42	5 26	18 9	3 13	6 28
W28	23 7	14 59	2 59	22 1	1 51	16 8	2 3	10 8	0 16	17 53	0 59	21 49	1 24	14 16	0 30	16 14	0 21	16 0	6 43	5 40	5 25	18 8	3 13	6 29
T 29	23 4	16 55	3 46	21 38	1 46	15 45	2 1	10 15	0 18	17 56	0 59	21 49	1 24	14 16	0 30	16 14	0 21	16 0	6 43	5 37	5 24	18 8	3 13	6 29
F 30	23n 0	18s 5	4n22	21n14	1n40	15n22	1n58	10s23	0s19	17n59	0s59	21n49	1s24	14s16	0n30	16s15	0n21	16n 0	6s43	5s33	5s22	18s 8	3s13	6n29

Julian Day Number = 2871724.5, Delta T = 01h12m23s
Ecliptic obliquity = 23°17'16, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°51'01, Lahiri = 39°58'01

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ASTRODIENST EPHEMERIS for the year 3150
geocentric

JULY 3150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 35 44	9♋40'37	26♐40	3♌14	24♌47	26♎34	25♉22	25♊51	10°R 0	13°R47	12♋45	13°R59	13♎39	4♑46	5°R58	S 1
S 2	18 39 41	10°38'00	8♑33	4°32	25°48	26°52	25°35	25°59	9♏59	13♒45	12°46	13♎45	13°36	4°52	5♓57	S 2
M 3	18 43 37	11°35'23	20°27	5°47	26°49	27°10	25°47	26° 7	9°58	13°44	12°47	13°31	13°32	4°59	5°55	M 3
T 4	18 47 34	12°32'45	2♒23	6°59	27°49	27°29	25°59	26°14	9°58	13°43	12°49	13°18	13°29	5° 6	5°54	T 4
W 5	18 51 30	13°30'06	14°23	8° 8	28°49	27°48	26°11	26°22	9°57	13°41	12°50	13° 7	13°26	5°12	5°52	W 5
T 6	18 55 27	14°27'27	26°30	9°14	29°49	28° 8	26°23	26°29	9°56	13°40	12°52	12°58	13°23	5°19	5°51	T 6
F 7	18 59 23	15°24'47	8♓45	10°16	0♍48	28°28	26°34	26°37	9°56	13°39	12°53	12°52	13°20	5°26	5°49	F 7
S 8	19 3 20	16°22'07	21°11	11°15	1°47	28°48	26°46	26°44	9°55	13°37	12°55	12°49	13°16	5°33	5°48	S 8
S 9	19 7 16	17°19'26	3♈53	12°11	2°45	29° 9	26°58	26°52	9°55	13°36	12°56	12°48	13°13	5°39	5°46	S 9
M10	19 11 13	18°16'46	16°54	13° 3	3°43	29°31	27° 9	26°59	9°54	13°35	12°57	12°48	13°10	5°46	5°44	M10
T 11	19 15 10	19°14'05	0♉17	13°52	4°40	29°53	27°21	27° 6	9°54	13°33	12°59	12°47	13° 7	5°53	5°42	T 11
W12	19 19 6	20°11'24	14° 6	14°36	5°38	0♏15	27°32	27°14	9°53	13°32	13° 0	12°46	13° 4	6° 0	5°40	W12
T 13	19 23 3	21° 8'43	28°22	15°17	6°34	0°37	27°44	27°21	9°53	13°30	13° 2	12°42	13° 1	6° 6	5°38	T 13
F 14	19 26 59	22° 6'02	13♊ 4	15°55	7°30	1° 0	27°55	27°28	9°53	13°29	13° 3	12°36	12°57	6°13	5°36	F 14
S 15	19 30 56	23° 3'21	28° 5	16°28	8°26	1°23	28° 6	27°36	9°53	13°27	13° 4	12°27	12°54	6°20	5°34	S 15
S 16	19 34 52	24° 0'40	13♋19	16°56	9°21	1°47	28°17	27°43	9°53	13°26	13° 6	12°17	12°51	6°26	5°32	S 16
M17	19 38 49	24°57'58	28°33	17°21	10°16	2°11	28°28	27°50	9°53	13°24	13° 7	12° 7	12°48	6°33	5°30	M17
T 18	19 42 45	25°55'16	13♌39	17°41	11°10	2°36	28°39	27°57	9°D52	13°23	13° 9	11°57	12°45	6°40	5°28	T 18
W19	19 46 42	26°52'34	28°25	17°57	12° 4	3° 0	28°49	28° 5	9°52	13°21	13°10	11°49	12°42	6°47	5°26	W19
T 20	19 50 39	27°49'51	12♍45	18° 8	12°57	3°25	29° 0	28°12	9°53	13°20	13°11	11°44	12°38	6°53	5°23	T 20
F 21	19 54 35	28°47'08	26°36	18°15	13°49	3°51	29°10	28°19	9°53	13°18	13°13	11°41	12°35	7° 0	5°21	F 21
S 22	19 58 32	29°44'24	9♎58	18°R17	14°41	4°17	29°21	28°26	9°53	13°16	13°14	11°D41	12°32	7° 7	5°19	S 22
S 23	20 2 28	0♌41'40	22°54	18°14	15°32	4°43	29°31	28°33	9°53	13°15	13°16	11°41	12°29	7°13	5°16	S 23
M24	20 6 25	1°38'56	5♏28	18° 7	16°22	5° 9	29°41	28°40	9°53	13°13	13°17	11°R41	12°26	7°20	5°14	M24
T 25	20 10 21	2°36'11	17°45	17°55	17°12	5°36	29°51	28°47	9°54	13°12	13°18	11°40	12°22	7°27	5°11	T 25
W26	20 14 18	3°33'27	29°49	17°39	18° 1	6° 3	0♊ 1	28°53	9°54	13°10	13°20	11°37	12°19	7°34	5° 9	W26
T 27	20 18 14	4°30'42	11♐46	17°18	18°49	6°30	0°11	29° 0	9°55	13° 9	13°21	11°31	12°16	7°40	5° 6	T 27
F 28	20 22 11	5°27'57	23°38	16°53	19°37	6°57	0°21	29° 7	9°55	13° 7	13°22	11°23	12°13	7°47	5° 4	F 28
S 29	20 26 8	6°25'11	5♑30	16°25	20°23	7°25	0°30	29°14	9°56	13° 5	13°24	11°13	12°10	7°54	5° 1	S 29
S 30	20 30 4	7°22'26	17°24	15°54	21° 9	7°53	0°40	29°20	9°56	13° 4	13°25	11° 2	12° 7	8° 1	4°58	S 30
M31	20 34 1	8♌19'41	29♑21	15♌19	21♍54	8♏22	0♊49	29♊27	9♏57	13♒ 2	13♋26	10♎50	12♎ 3	8♑ 7	4♓56	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n56	18s29	4n46	20n50	1n33	14n59	1n55	10s30	0s21	18n 1	0s59	21n49	1s24	14s15	0n30	16s15	0n21	16n 0	6s43	5s29	5s21	18s 7	3s13	6n29
S 2	22 52	18 3	4 58	20 24	1 26	14 36	1 52	10 38	0 22	18 4	0 59	21 50	1 24	14 15	0 30	16 15	0 21	16 0	6 43	5 24	5 20	18 7	3 13	6 30
M 3	22 47	16 50	4 57	19 59	1 19	14 12	1 49	10 46	0 24	18 7	1 0	21 50	1 24	14 15	0 30	16 16	0 21	16 0	6 43	5 18	5 19	18 7	3 13	6 30
T 4	22 42	14 54	4 43	19 32	1 10	13 49	1 46	10 54	0 25	18 10	1 0	21 50	1 24	14 15	0 29	16 16	0 21	16 0	6 43	5 13	5 17	18 6	3 14	6 30
W 5	22 36	12 18	4 17	19 6	1 1	13 25	1 42	11 2	0 26	18 12	1 0	21 50	1 24	14 14	0 29	16 17	0 21	16 0	6 42	5 9	5 16	18 6	3 14	6 31
T 6	22 31	9 11	3 38	18 40	0 51	13 0	1 39	11 10	0 28	18 15	1 0	21 51	1 24	14 14	0 29	16 17	0 21	16 0	6 42	5 5	5 15	18 5	3 14	6 31
F 7	22 24	5 37	2 49	18 13	0 41	12 36	1 35	11 19	0 29	18 18	1 0	21 51	1 24	14 14	0 29	16 17	0 21	15 59	6 42	5 3	5 14	18 5	3 15	6 31
S 8	22 18	1 46	1 52	17 46	0 30	12 11	1 31	11 27	0 30	18 20	1 0	21 51	1 24	14 14	0 29	16 18	0 21	15 59	6 42	5 2	5 13	18 5	3 15	6 32
S 9	22 10	2n15	0 47	17 20	0 19	11 47	1 27	11 36	0 31	18 23	1 0	21 51	1 24	14 14	0 29	16 18	0 21	15 59	6 42	5 1	5 11	18 4	3 15	6 32
M10	22 3	6 16	0s22	16 54	0 6	11 22	1 22	11 44	0 33	18 25	1 0	21 52	1 24	14 14	0 29	16 19	0 21	15 59	6 42	5 1	5 10	18 4	3 16	6 32
T 11	21 55	10 5	1 31	16 28	0s 6	10 57	1 18	11 53	0 34	18 28	1 0	21 52	1 24	14 14	0 29	16 19	0 21	15 59	6 42	5 1	5 9	18 3	3 16	6 32
W12	21 47	13 28	2 37	16 2	0 19	10 32	1 13	12 2	0 35	18 30	1 0	21 52	1 24	14 14	0 29	16 19	0 21	15 59	6 42	5 1	5 8	18 3	3 17	6 33
T 13	21 38	16 9	3 36	15 38	0 33	10 6	1 8	12 11	0 36	18 33	1 0	21 52	1 24	14 13	0 29	16 20	0 21	15 59	6 42	4 59	5 6	18 3	3 17	6 33
F 14	21 29	17 53	4 22	15 13	0 47	9 41	1 3	12 20	0 37	18 35	1 0	21 52	1 24	14 13	0 29	16 20	0 21	15 59	6 42	4 57	5 5	18 2	3 17	6 33
S 15	21 20	18 25	4 52	14 50	1 1	9 16	0 58	12 29	0 39	18 38	1 1	21 52	1 24	14 13	0 29	16 21	0 21	15 59	6 42	4 54	5 4	18 2	3 18	6 33
S 16	21 10	17 38	5 1	14 27	1 16	8 50	0 53	12 38	0 40	18 40	1 1	21 52	1 24	14 13	0 29	16 21	0 21	15 59	6 42	4 50	5 3	18 1	3 18	6 34
M17	21 0	15 36	4 49	14 5	1 31	8 24	0 48	12 48	0 41	18 42	1 1	21 53	1 24	14 13	0 29	16 21	0 21	15 58	6 42	4 45	5 1	18 1	3 19	6 34
T 18	20 50	12 31	4 17	13 45	1 46	7 59	0 42	12 57	0 42	18 45	1 1	21 53	1 24	14 13	0 29	16 22	0 21	15 58	6 42	4 42	5 0	18 1	3 20	6 34
W19	20 39	8 42	3 28	13 25	2 2	7 33	0 36	13 7	0 43	18 47	1 1	21 53	1 24	14 13	0 29	16 22	0 21	15 58	6 42	4 39	4 59	18 0	3 20	6 34
T 20	20 28	4 28	2 27	13 7	2 17	7 7	0 30	13 16	0 44	18 49	1 1	21 53	1 24	14 14	0 29	16 23	0 21	15 58	6 42	4 37	4 58	18 0	3 21	6 35
F 21	20 16	0 8	1 19	12 50	2 33	6 42	0 24	13 26	0 45	18 51	1 1	21 53	1 24	14 14	0 29	16 23	0 21	15 58	6 42	4 36	4 57	17 59	3 21	6 35
S 22	20 5	4s 4	0 9	12 35	2 48	6 16	0 18	13 35	0 46	18 53	1 1	21 53	1 24	14 14	0 29	16 24	0 21	15 58	6 42	4 35	4 55	17 59	3 22	6 35
S 23	19 52	7 56	0n59	12 22	3 3	5 50	0 11	13 45	0 47	18 55	1 1	21 53	1 24	14 14	0 29	16 24	0 21	15 58	6 42	4 35	4 54	17 59	3 23	6 35
M24	19 40	11 20	2 3	12 10	3 18	5 25	0 4	13 55	0 48	18 57	1 1	21 53	1 24	14 14	0 29	16 25	0 21	15 58	6 42	4 36	4 53	17 58	3 23	6 35
T 25	19 27	14 9	2 59	11 59	3 33	4 59	0s 3	14 4	0 49	18 59	1 2	21 53	1 24	14 14	0 29	16 25	0 21	15 57	6 42	4 35	4 52	17 58	3 24	6 36
W26	19 14	16 18	3 47	11 51	3 47	4 34	0 10	14 14	0 50	19 1	1 2	21 53	1 24	14 14	0 29	16 26	0 21	15 57	6 42	4 34	4 50	17 57	3 25	6 36
T 27	19 1	17 42	4 23	11 44	4 0	4 8	0 17	14 24	0 51	19 3	1 2	21 53	1 24	14 14	0 29	16 26	0 21	15 57	6 42	4 32	4 49	17 57	3 26	6 36
F 28	18 47	18 20	4 49	11 40	4 12	3 43	0 24	14 34	0 52	19 5	1 2	21 53	1 24	14 15	0 29	16 26	0 21	15 57	6 42	4 29	4 48	17 56	3 26	6 36
S 29	18 33	18 10	5 1	11 37	4 24	3 18	0 32	14 44	0 53	19 7	1 2	21 53	1 24	14 15	0 29	16 27	0 21	15 57	6 42	4 25	4 47	17 56	3 27	6 36
S 30	18 19	17 11	5 1	11 36	4 34	2 52	0 40	14 54	0 54	19 9	1 2	21 53	1 24	14 15	0 29	16 27	0 21	15 57	6 42	4 20	4 45	17 55	3 28	6 36
M31	18n 4	15s28	4n47	11n38	4s43	2n27	0s48	15s 4	0s55	19n11	1s 2	21n53	1s24	14s15	0n29	16s28	0n21	15n57	6s42	4s16	4s44	17s55	3s29	6n37

Julian Day Number = 2871754.5, Delta T = 01h12m24s
Ecliptic obliquity = 23°17'16, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°51'05, Lahiri = 39°58'05

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ASTRODIENST EPHEMERIS for the year 3150
geocentric

AUGUST 3150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 37 57	9♌16'56	11♒24	14°R42	22♍38	8♏51	0♊58	29♊34	9♏58	13°R 1	13♋28	10°R39	12♎ 0	8♑14	4°R53	T 1
W 2	20 41 54	10°14'11	23°34	14♌ 4	23°21	9°19	1° 7	29°40	9°58	12♒59	13°29	10♎30	11°57	8°21	4♓50	W 2
T 3	20 45 50	11°11'26	5♓51	13°24	24° 4	9°49	1°16	29°47	9°59	12°57	13°30	10°23	11°54	8°27	4°47	T 3
F 4	20 49 47	12° 8'42	18°17	12°44	24°45	10°18	1°25	29°53	10° 0	12°56	13°32	10°18	11°51	8°34	4°45	F 4
S 5	20 53 43	13° 5'58	0♈54	12° 5	25°25	10°48	1°34	29°59	10° 1	12°54	13°33	10°16	11°48	8°41	4°42	S 5
S 6	20 57 40	14° 3'15	13°45	11°26	26° 4	11°18	1°43	0♋ 6	10° 2	12°52	13°34	10°D16	11°44	8°48	4°39	S 6
M 7	21 1 37	15° 0'32	26°51	10°49	26°42	11°48	1°51	0°12	10° 3	12°51	13°35	10°16	11°41	8°54	4°36	M 7
T 8	21 5 33	15°57'50	10♉15	10°14	27°18	12°18	1°59	0°18	10° 4	12°49	13°37	10°R17	11°38	9° 1	4°33	T 8
W 9	21 9 30	16°55'09	23°59	9°42	27°54	12°49	2° 8	0°25	10° 5	12°48	13°38	10°17	11°35	9° 8	4°30	W 9
T 10	21 13 26	17°52'29	8♊ 5	9°13	28°28	13°20	2°16	0°31	10° 6	12°46	13°39	10°15	11°32	9°14	4°27	T 10
F 11	21 17 23	18°49'49	22°32	8°49	29° 1	13°51	2°24	0°37	10° 7	12°44	13°40	10°12	11°28	9°21	4°24	F 11
S 12	21 21 19	19°47'10	7♋16	8°30	29°32	14°23	2°31	0°43	10° 9	12°43	13°41	10° 6	11°25	9°28	4°21	S 12
S 13	21 25 16	20°44'32	22°11	8°15	0♎ 3	14°54	2°39	0°49	10°10	12°41	13°43	9°59	11°22	9°35	4°18	S 13
M14	21 29 12	21°41'55	7♌10	8° 6	0°31	15°26	2°47	0°55	10°11	12°39	13°44	9°52	11°19	9°41	4°15	M14
T 15	21 33 9	22°39'18	22° 2	8°D 2	0°59	15°58	2°54	1° 0	10°13	12°38	13°45	9°45	11°16	9°48	4°12	T 15
W16	21 37 6	23°36'42	6♍40	8° 4	1°24	16°30	3° 1	1° 6	10°14	12°36	13°46	9°40	11°13	9°55	4° 9	W16
T 17	21 41 2	24°34'07	20°57	8°13	1°48	17° 3	3° 8	1°12	10°16	12°35	13°47	9°36	11° 9	10° 2	4° 5	T 17
F 18	21 44 59	25°31'32	4♎49	8°27	2°10	17°35	3°15	1°17	10°17	12°33	13°48	9°D35	11° 6	10° 8	4° 2	F 18
S 19	21 48 55	26°28'57	18°14	8°48	2°31	18° 8	3°22	1°23	10°19	12°32	13°49	9°35	11° 3	10°15	3°59	S 19
S 20	21 52 52	27°26'23	1♏14	9°15	2°50	18°41	3°28	1°28	10°21	12°30	13°50	9°36	11° 0	10°22	3°56	S 20
M21	21 56 48	28°23'50	13°52	9°48	3° 7	19°15	3°35	1°34	10°22	12°28	13°52	9°38	10°57	10°28	3°53	M21
T 22	22 0 45	29°21'17	26°11	10°28	3°22	19°48	3°41	1°39	10°24	12°27	13°53	9°R38	10°53	10°35	3°50	T 22
W23	22 4 41	0♍18'45	8♐17	11°14	3°34	20°22	3°47	1°44	10°26	12°25	13°54	9°38	10°50	10°42	3°47	W23
T 24	22 8 38	1°16'14	20°14	12° 6	3°45	20°56	3°53	1°50	10°28	12°24	13°55	9°36	10°47	10°49	3°43	T 24
F 25	22 12 35	2°13'43	2♑ 7	13° 4	3°54	21°30	3°59	1°55	10°30	12°22	13°56	9°33	10°44	10°55	3°40	F 25
S 26	22 16 31	3°11'12	14° 0	14° 8	4° 1	22° 4	4° 5	2° 0	10°32	12°21	13°57	9°28	10°41	11° 2	3°37	S 26
S 27	22 20 28	4° 8'43	25°56	15°18	4° 5	22°39	4°10	2° 5	10°34	12°19	13°58	9°22	10°38	11° 9	3°34	S 27
M28	22 24 24	5° 6'14	7♒59	16°33	4°R 7	23°13	4°15	2°10	10°36	12°18	13°59	9°16	10°34	11°15	3°31	M28
T 29	22 28 21	6° 3'47	20°10	17°54	4° 7	23°48	4°21	2°14	10°38	12°16	14° 0	9°10	10°31	11°22	3°28	T 29
W30	22 32 17	7° 1'20	2♓31	19°20	4° 4	24°23	4°25	2°19	10°40	12°15	14° 1	9° 5	10°28	11°29	3°24	W30
T 31	22 36 14	7♍58'54	15♓ 3	20♌51	3♎59	24♏58	4♊30	2♋24	10♏42	12♒14	14♋ 2	9♎ 2	10♎25	11♑36	3♓21	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n49	13s 4	4n21	11n41	4s51	2n 3	0s56	15s14	0s55	19n12	1s 2	21n53	1s24	14s15	0n29	16s28	0n21	15n57	6s42	4s12	4s43	17s55	3s30	6n37
W 2	17 34	10 5	3 42	11 46	4 57	1 38	1 5	15 24	0 56	19 14	1 2	21 53	1 24	14 16	0 28	16 29	0 21	15 56	6 42	4 8	4 42	17 54	3 31	6 37
T 3	17 18	6 37	2 53	11 52	5 1	1 13	1 13	15 34	0 57	19 16	1 3	21 53	1 24	14 16	0 28	16 29	0 21	15 56	6 42	4 5	4 41	17 54	3 31	6 37
F 4	17 3	2 50	1 55	12 1	5 4	0 49	1 22	15 44	0 58	19 18	1 3	21 53	1 24	14 16	0 28	16 30	0 21	15 56	6 42	4 3	4 39	17 53	3 32	6 37
S 5	16 47	1n 7	0 50	12 10	5 5	0 25	1 31	15 54	0 59	19 19	1 3	21 53	1 24	14 17	0 28	16 30	0 21	15 56	6 42	4 2	4 38	17 53	3 33	6 37
S 6	16 30	5 6	0s19	12 21	5 5	0 1	1 40	16 4	1 0	19 21	1 3	21 53	1 24	14 17	0 28	16 31	0 21	15 56	6 42	4 2	4 37	17 52	3 34	6 37
M 7	16 14	8 55	1 28	12 33	5 2	0s22	1 50	16 14	1 0	19 22	1 3	21 53	1 24	14 17	0 28	16 31	0 21	15 56	6 42	4 3	4 36	17 52	3 35	6 37
T 8	15 57	12 22	2 34	12 46	4 58	0 46	1 59	16 24	1 1	19 24	1 3	21 53	1 24	14 18	0 28	16 32	0 21	15 56	6 42	4 3	4 34	17 51	3 36	6 37
W 9	15 40	15 13	3 33	13 0	4 53	1 9	2 9	16 34	1 2	19 25	1 3	21 53	1 24	14 18	0 28	16 32	0 21	15 55	6 42	4 3	4 33	17 51	3 37	6 38
T 10	15 23	17 14	4 20	13 14	4 46	1 31	2 19	16 44	1 3	19 27	1 3	21 53	1 24	14 18	0 28	16 32	0 21	15 55	6 42	4 2	4 32	17 50	3 38	6 38
F 11	15 5	18 13	4 53	13 29	4 37	1 54	2 29	16 54	1 3	19 28	1 4	21 53	1 24	14 19	0 28	16 33	0 21	15 55	6 42	4 1	4 31	17 50	3 39	6 38
S 12	14 47	17 59	5 7	13 43	4 27	2 15	2 39	17 4	1 4	19 30	1 4	21 53	1 24	14 19	0 28	16 33	0 21	15 55	6 42	3 59	4 29	17 49	3 40	6 38
S 13	14 29	16 32	5 0	13 58	4 16	2 37	2 50	17 14	1 5	19 31	1 4	21 53	1 24	14 20	0 28	16 34	0 21	15 55	6 42	3 56	4 28	17 49	3 41	6 38
M14	14 11	13 57	4 33	14 12	4 3	2 58	3 1	17 24	1 6	19 32	1 4	21 53	1 24	14 20	0 28	16 34	0 21	15 55	6 42	3 53	4 27	17 48	3 42	6 38
T 15	13 53	10 29	3 48	14 26	3 50	3 19	3 11	17 34	1 6	19 33	1 4	21 53	1 24	14 21	0 28	16 35	0 21	15 54	6 43	3 50	4 26	17 48	3 43	6 38
W16	13 34	6 24	2 48	14 39	3 36	3 39	3 22	17 44	1 7	19 35	1 4	21 53	1 24	14 21	0 28	16 35	0 21	15 54	6 43	3 48	4 24	17 47	3 44	6 38
T 17	13 15	2 3	1 39	14 51	3 21	3 59	3 34	17 54	1 8	19 36	1 4	21 53	1 24	14 22	0 28	16 36	0 21	15 54	6 43	3 47	4 23	17 47	3 45	6 38
F 18	12 56	2s18	0 26	15 2	3 6	4 18	3 45	18 4	1 8	19 37	1 4	21 53	1 24	14 22	0 28	16 36	0 21	15 54	6 43	3 46	4 22	17 46	3 46	6 38
S 19	12 37	6 23	0n47	15 12	2 50	4 37	3 56	18 14	1 9	19 38	1 5	21 52	1 24	14 23	0 28	16 37	0 21	15 54	6 43	3 46	4 21	17 46	3 48	6 38
S 20	12 17	10 2	1 55	15 21	2 34	4 55	4 8	18 23	1 10	19 39	1 5	21 52	1 24	14 23	0 28	16 37	0 21	15 54	6 43	3 47	4 20	17 45	3 49	6 38
M21	11 57	13 7	2 55	15 28	2 18	5 12	4 20	18 33	1 10	19 40	1 5	21 52	1 24	14 24	0 28	16 38	0 21	15 54	6 43	3 47	4 18	17 45	3 50	6 38
T 22	11 38	15 31	3 46	15 33	2 2	5 29	4 32	18 43	1 11	19 41	1 5	21 52	1 25	14 24	0 28	16 38	0 21	15 53	6 43	3 48	4 17	17 44	3 51	6 38
W23	11 18	17 11	4 26	15 36	1 45	5 45	4 43	18 52	1 11	19 42	1 5	21 52	1 25	14 25	0 28	16 38	0 21	15 53	6 43	3 48	4 16	17 44	3 52	6 38
T 24	10 57	18 3	4 53	15 38	1 29	6 0	4 55	19 2	1 12	19 43	1 5	21 52	1 25	14 26	0 28	16 39	0 21	15 53	6 43	3 47	4 15	17 43	3 53	6 38
F 25	10 37	18 8	5 8	15 37	1 13	6 15	5 8	19 11	1 13	19 44	1 5	21 52	1 25	14 26	0 28	16 39	0 21	15 53	6 43	3 46	4 13	17 43	3 54	6 38
S 26	10 16	17 25	5 10	15 34	0 57	6 29	5 20	19 21	1 13	19 45	1 6	21 52	1 25	14 27	0 28	16 40	0 20	15 53	6 43	3 44	4 12	17 42	3 56	6 38
S 27	9 56	15 57	4 58	15 29	0 42	6 41	5 32	19 30	1 14	19 46	1 6	21 52	1 25	14 28	0 28	16 40	0 20	15 53	6 43	3 41	4 11	17 42	3 57	6 38
M28	9 35	13 45	4 33	15 21	0 27	6 53	5 44	19 39	1 14	19 47	1 6	21 51	1 25	14 28	0 28	16 41	0 20	15 52	6 43	3 39	4 10	17 41	3 58	6 38
T 29	9 14	10 57	3 55	15 10	0 13	7 4	5 56	19 49	1 15	19 48	1 6	21 51	1 25	14 29	0 28	16 41	0 20	15 52	6 43	3 37	4 8	17 41	3 59	6 37
W30	8 53	7 37	3 6	14 57	0n 1	7 14	6 8	19 58	1 15	19 48	1 6	21 51	1 25	14 30	0 28	16 41	0 20	15 52	6 43	3 35	4 7	17 40	4 0	6 37
T 31	8n31	3s54	2n 7	14n41	0n14	7s23	6s20	20s 7	1s16	19n49	1s 6	21n51	1s25	14s30	0n28	16s42	0n20	15n52	6s43	3s33	4s 6	17s40	4s 2	6n37

Julian Day Number = 2871785.5, Delta T = 01h12m24s
Ecliptic obliquity = 23°17'16, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°51'09, Lahiri = 39°58'10

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ASTRODIENST EPHEMERIS for the year 3150
geocentric

SEPTEMBER 3150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 40 10	8♍56'29	27♓46	22♌26	3°R52	25♏33	4♊35	2♋28	10♏44	12°R12	14♋ 2	9°R 0	10♎22	11♑42	3°R18	F 1
S 2	22 44 7	9°54'06	10♈42	24° 5	3♎42	26° 9	4°39	2°33	10°46	12♒11	14° 3	8°D59	10°19	11°49	3♓15	S 2
S 3	22 48 4	10°51'44	23°50	25°48	3°30	26°45	4°44	2°37	10°49	12° 9	14° 4	9♎ 0	10°15	11°56	3°12	S 3
M 4	22 52 0	11°49'23	7♉11	27°35	3°15	27°20	4°48	2°42	10°51	12° 8	14° 5	9° 1	10°12	12° 3	3° 9	M 4
T 5	22 55 57	12°47'03	20°46	29°25	2°59	27°56	4°51	2°46	10°53	12° 7	14° 6	9° 3	10° 9	12° 9	3° 6	T 5
W 6	22 59 53	13°44'46	4♊35	1♍17	2°40	28°32	4°55	2°50	10°56	12° 5	14° 7	9° 4	10° 6	12°16	3° 2	W 6
T 7	23 3 50	14°42'29	18°38	3°12	2°18	29° 9	4°59	2°54	10°58	12° 4	14° 7	9°R 4	10° 3	12°23	2°59	T 7
F 8	23 7 46	15°40'15	2♋53	5° 8	1°55	29°45	5° 2	2°58	11° 1	12° 3	14° 8	9° 3	9°59	12°29	2°56	F 8
S 9	23 11 43	16°38'02	17°19	7° 6	1°29	0♐22	5° 5	3° 2	11° 3	12° 1	14° 9	9° 2	9°56	12°36	2°53	S 9
S 10	23 15 39	17°35'51	1♌51	9° 4	1° 2	0°59	5° 8	3° 6	11° 6	12° 0	14°10	8°59	9°53	12°43	2°50	S 10
M11	23 19 36	18°33'41	16°23	11° 4	0°32	1°35	5°11	3° 9	11° 9	11°59	14°10	8°56	9°50	12°50	2°47	M11
T 12	23 23 33	19°31'32	0♍51	13° 4	0° 1	2°13	5°14	3°13	11°11	11°58	14°11	8°54	9°47	12°56	2°44	T 12
W13	23 27 29	20°29'25	15° 9	15° 3	29♍29	2°50	5°16	3°17	11°14	11°57	14°12	8°52	9°44	13° 3	2°41	W13
T 14	23 31 26	21°27'20	29°11	17° 3	28°55	3°27	5°18	3°20	11°17	11°55	14°13	8°51	9°40	13°10	2°38	T 14
F 15	23 35 22	22°25'16	12♎53	19° 2	28°20	4° 5	5°20	3°23	11°19	11°54	14°13	8°D51	9°37	13°17	2°35	F 15
S 16	23 39 19	23°23'13	26°13	21° 1	27°44	4°42	5°22	3°27	11°22	11°53	14°14	8°51	9°34	13°23	2°32	S 16
S 17	23 43 15	24°21'12	9♏12	22°59	27° 8	5°20	5°23	3°30	11°25	11°52	14°14	8°52	9°31	13°30	2°30	S 17
M18	23 47 12	25°19'12	21°51	24°57	26°31	5°58	5°25	3°33	11°28	11°51	14°15	8°53	9°28	13°37	2°27	M18
T 19	23 51 8	26°17'13	4♐12	26°53	25°54	6°36	5°26	3°36	11°31	11°50	14°16	8°54	9°24	13°43	2°24	T 19
W20	23 55 5	27°15'15	16°20	28°48	25°16	7°14	5°27	3°39	11°34	11°49	14°16	8°55	9°21	13°50	2°21	W20
T 21	23 59 1	28°13'19	28°19	0♎43	24°39	7°53	5°28	3°41	11°37	11°48	14°17	8°R55	9°18	13°57	2°18	T 21
F 22	0 2 58	29°11'25	10♑13	2°36	24° 3	8°31	5°29	3°44	11°40	11°47	14°17	8°55	9°15	14° 4	2°16	F 22
S 23	0 6 55	0♎ 9'31	22° 6	4°28	23°27	9°10	5°29	3°47	11°43	11°46	14°18	8°55	9°12	14°10	2°13	S 23
S 24	0 10 51	1° 7'39	4♒ 4	6°19	22°52	9°49	5°29	3°49	11°46	11°45	14°18	8°54	9° 9	14°17	2°10	S 24
M25	0 14 48	2° 5'49	16°11	8° 8	22°18	10°28	5°R29	3°52	11°49	11°44	14°19	8°53	9° 5	14°24	2° 8	M25
T 26	0 18 44	3° 3'59	28°28	9°57	21°46	11° 7	5°29	3°54	11°52	11°43	14°19	8°52	9° 2	14°30	2° 5	T 26
W27	0 22 41	4° 2'12	10♓59	11°44	21°15	11°46	5°29	3°56	11°55	11°42	14°19	8°51	8°59	14°37	2° 3	W27
T 28	0 26 37	5° 0'25	23°46	13°30	20°46	12°25	5°28	3°58	11°58	11°42	14°20	8°51	8°56	14°44	2° 0	T 28
F 29	0 30 34	5°58'41	6♈49	15°15	20°19	13° 5	5°27	4° 0	12° 2	11°41	14°20	8°D51	8°53	14°51	1°58	F 29
S 30	0 34 30	6♎56'58	20♈ 8	16♎59	19♍54	13♐44	5♊26	4♋ 2	12♏ 5	11♒40	14♋20	8♎51	8♎50	14♑57	1♓55	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n10	0n 3	1n 1	14n22	0n26	7s31	6s31	20s16	1s16	19n50	1s 7	21n51	1s25	14s31	0n28	16s42	0n20	15n52	6s44	3s33	4s 5	17s39	4s 3	6n37
S 2	7 48	4 4	0s 9	14 0	0 38	7 38	6 43	20 25	1 17	19 50	1 7	21 51	1 25	14 32	0 27	16 43	0 20	15 52	6 44	3 32	4 3	17 39	4 4	6 37
S 3	7 27	7 57	1 21	13 36	0 48	7 43	6 54	20 34	1 17	19 51	1 7	21 51	1 25	14 32	0 27	16 43	0 20	15 51	6 44	3 33	4 2	17 38	4 5	6 37
M 4	7 5	11 29	2 29	13 9	0 58	7 47	7 5	20 42	1 18	19 52	1 7	21 50	1 25	14 33	0 27	16 43	0 20	15 51	6 44	3 33	4 1	17 37	4 6	6 37
T 5	6 43	14 28	3 30	12 39	1 7	7 51	7 16	20 51	1 18	19 52	1 7	21 50	1 25	14 34	0 27	16 44	0 20	15 51	6 44	3 34	4 0	17 37	4 8	6 37
W 6	6 21	16 40	4 19	12 7	1 15	7 52	7 26	20 59	1 19	19 53	1 7	21 50	1 25	14 35	0 27	16 44	0 20	15 51	6 44	3 34	3 58	17 36	4 9	6 36
T 7	5 59	17 55	4 55	11 33	1 22	7 53	7 36	21 8	1 19	19 53	1 7	21 50	1 25	14 35	0 27	16 45	0 20	15 51	6 44	3 34	3 57	17 36	4 10	6 36
F 8	5 37	18 3	5 13	10 56	1 28	7 52	7 45	21 16	1 20	19 54	1 8	21 50	1 26	14 36	0 27	16 45	0 20	15 51	6 44	3 34	3 56	17 35	4 11	6 36
S 9	5 15	17 2	5 11	10 18	1 33	7 50	7 53	21 24	1 20	19 54	1 8	21 50	1 26	14 37	0 27	16 45	0 20	15 50	6 44	3 33	3 55	17 35	4 13	6 36
S 10	4 52	14 55	4 50	9 37	1 37	7 46	8 2	21 32	1 20	19 54	1 8	21 49	1 26	14 38	0 27	16 46	0 20	15 50	6 44	3 32	3 54	17 34	4 14	6 36
M11	4 30	11 51	4 10	8 56	1 41	7 42	8 9	21 40	1 21	19 55	1 8	21 49	1 26	14 39	0 27	16 46	0 20	15 50	6 44	3 31	3 52	17 33	4 15	6 36
T 12	4 7	8 4	3 14	8 12	1 43	7 36	8 16	21 48	1 21	19 55	1 8	21 49	1 26	14 40	0 27	16 46	0 20	15 50	6 44	3 30	3 51	17 33	4 16	6 35
W13	3 45	3 52	2 7	7 28	1 45	7 28	8 22	21 56	1 22	19 55	1 8	21 49	1 26	14 40	0 27	16 47	0 20	15 50	6 45	3 30	3 50	17 32	4 18	6 35
T 14	3 22	0s29	0 53	6 42	1 46	7 20	8 27	22 3	1 22	19 56	1 9	21 49	1 26	14 41	0 27	16 47	0 20	15 50	6 45	3 29	3 49	17 32	4 19	6 35
F 15	2 59	4 43	0n22	5 56	1 46	7 10	8 31	22 11	1 22	19 56	1 9	21 49	1 26	14 42	0 27	16 47	0 20	15 49	6 45	3 29	3 47	17 31	4 20	6 35
S 16	2 37	8 35	1 35	5 9	1 45	6 59	8 35	22 18	1 23	19 56	1 9	21 49	1 26	14 43	0 27	16 48	0 20	15 49	6 45	3 29	3 46	17 31	4 21	6 35
S 17	2 14	11 56	2 40	4 21	1 44	6 47	8 37	22 25	1 23	19 56	1 9	21 48	1 26	14 44	0 27	16 48	0 20	15 49	6 45	3 30	3 45	17 30	4 22	6 34
M18	1 51	14 38	3 36	3 33	1 42	6 34	8 39	22 32	1 23	19 56	1 9	21 48	1 26	14 45	0 27	16 48	0 20	15 49	6 45	3 30	3 44	17 29	4 24	6 34
T 19	1 28	16 35	4 20	2 45	1 39	6 20	8 40	22 39	1 24	19 56	1 9	21 48	1 26	14 46	0 27	16 49	0 20	15 49	6 45	3 31	3 42	17 29	4 25	6 34
W20	1 5	17 45	4 52	1 57	1 36	6 5	8 40	22 46	1 24	19 56	1 9	21 48	1 26	14 47	0 27	16 49	0 20	15 49	6 45	3 31	3 41	17 28	4 26	6 34
T 21	0 42	18 6	5 11	1 9	1 33	5 50	8 39	22 52	1 24	19 56	1 10	21 48	1 27	14 48	0 27	16 49	0 20	15 49	6 45	3 31	3 40	17 28	4 27	6 33
F 22	0 19	17 38	5 16	0 20	1 29	5 34	8 36	22 59	1 25	19 56	1 10	21 48	1 27	14 49	0 27	16 50	0 20	15 48	6 45	3 31	3 39	17 27	4 29	6 33
S 23	0s 4	16 25	5 8	0s28	1 25	5 17	8 34	23 5	1 25	19 56	1 10	21 47	1 27	14 50	0 27	16 50	0 20	15 48	6 46	3 31	3 37	17 26	4 30	6 33
S 24	0 27	14 28	4 47	1 16	1 20	5 0	8 30	23 11	1 25	19 56	1 10	21 47	1 27	14 50	0 27	16 50	0 20	15 48	6 46	3 30	3 36	17 26	4 31	6 32
M25	0 50	11 52	4 12	2 4	1 15	4 43	8 25	23 17	1 26	19 56	1 10	21 47	1 27	14 51	0 27	16 50	0 20	15 48	6 46	3 30	3 35	17 25	4 32	6 32
T 26	1 13	8 43	3 26	2 51	1 10	4 25	8 20	23 23	1 26	19 56	1 10	21 47	1 27	14 52	0 27	16 51	0 20	15 48	6 46	3 30	3 34	17 25	4 33	6 32
W27	1 36	5 6	2 28	3 38	1 4	4 7	8 13	23 29	1 26	19 56	1 10	21 47	1 27	14 53	0 27	16 51	0 20	15 48	6 46	3 29	3 32	17 24	4 34	6 32
T 28	1 59	1 12	1 23	4 24	0 58	3 49	8 6	23 34	1 26	19 55	1 11	21 47	1 27	14 54	0 27	16 51	0 20	15 48	6 46	3 29	3 31	17 23	4 36	6 31
F 29	2 22	2n52	0 11	5 10	0 52	3 32	7 59	23 39	1 27	19 55	1 11	21 47	1 27	14 55	0 27	16 51	0 20	15 47	6 46	3 29	3 30	17 23	4 37	6 31
S 30	2s45	6n52	1s 2	5s56	0n45	3s14	7s50	23s45	1s27	19n55	1s11	21n46	1s27	14s56	0n27	16s52	0n20	15n47	6s46	3s29	3s29	17s22	4s38	6n31

Julian Day Number = 2871816.5, Delta T = 01h12m25s
Ecliptic obliquity = 23°17'17, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°51'13, Lahiri = 39°58'14

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ASTRODIENST EPHEMERIS for the year 3150
geocentric

OCTOBER 3150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 38 27	7♎55'17	3♉41	18♎42	19°R31	14♐24	5°R25	4♋ 4	12♏ 8	11°R39	14♋21	8♎51	8♎46	15♑ 4	1°R53	S 1
M 2	0 42 23	8°53'38	17°27	20°23	19♍10	15° 4	5♊24	4° 5	12°12	11♒39	14°21	8°R51	8°43	15°11	1♓51	M 2
T 3	0 46 20	9°52'01	1♊23	22° 4	18°51	15°44	5°22	4° 7	12°15	11°38	14°21	8°51	8°40	15°17	1°49	T 3
W 4	0 50 17	10°50'26	15°28	23°43	18°35	16°24	5°20	4° 8	12°18	11°37	14°22	8°51	8°37	15°24	1°46	W 4
T 5	0 54 13	11°48'54	29°38	25°22	18°21	17° 4	5°18	4°10	12°22	11°37	14°22	8°51	8°34	15°31	1°44	T 5
F 6	0 58 10	12°47'23	13♋51	26°59	18°10	17°44	5°16	4°11	12°25	11°36	14°22	8°D51	8°30	15°38	1°42	F 6
S 7	1 2 6	13°45'54	28° 5	28°35	18° 1	18°24	5°14	4°12	12°28	11°35	14°22	8°51	8°27	15°44	1°40	S 7
S 8	1 6 3	14°44'28	12♌16	0♏11	17°54	19° 5	5°11	4°13	12°32	11°35	14°22	8°51	8°24	15°51	1°38	S 8
M 9	1 9 59	15°43'04	26°23	1°45	17°50	19°45	5° 8	4°14	12°35	11°34	14°22	8°52	8°21	15°58	1°36	M 9
T 10	1 13 56	16°41'41	10♍23	3°18	17°D49	20°26	5° 6	4°15	12°39	11°34	14°23	8°52	8°18	16° 5	1°34	T 10
W11	1 17 52	17°40'21	24°13	4°50	17°49	21° 7	5° 2	4°15	12°42	11°34	14°23	8°53	8°15	16°11	1°32	W11
T 12	1 21 49	18°39'03	7♎51	6°22	17°53	21°48	4°59	4°16	12°46	11°33	14°23	8°R53	8°11	16°18	1°30	T 12
F 13	1 25 46	19°37'47	21°14	7°52	17°58	22°29	4°55	4°16	12°49	11°33	14°23	8°53	8° 8	16°25	1°29	F 13
S 14	1 29 42	20°36'32	4♏21	9°22	18° 5	23°10	4°52	4°17	12°53	11°32	14°23	8°52	8° 5	16°31	1°27	S 14
S 15	1 33 39	21°35'20	17°12	10°50	18°15	23°51	4°48	4°17	12°56	11°32	14°R23	8°51	8° 2	16°38	1°25	S 15
M16	1 37 35	22°34'09	29°46	12°17	18°27	24°33	4°44	4°17	13° 0	11°32	14°23	8°49	7°59	16°45	1°24	M16
T 17	1 41 32	23°33'01	12♐ 6	13°44	18°41	25°14	4°39	4°R17	13° 4	11°32	14°23	8°47	7°56	16°52	1°22	T 17
W18	1 45 28	24°31'54	24°14	15° 9	18°57	25°56	4°35	4°17	13° 7	11°31	14°23	8°45	7°52	16°58	1°21	W18
T 19	1 49 25	25°30'48	6♑12	16°34	19°15	26°38	4°30	4°17	13°11	11°31	14°23	8°43	7°49	17° 5	1°19	T 19
F 20	1 53 21	26°29'45	18° 6	17°57	19°35	27°20	4°25	4°16	13°15	11°31	14°23	8°42	7°46	17°12	1°18	F 20
S 21	1 57 18	27°28'43	29°59	19°19	19°57	28° 1	4°20	4°16	13°18	11°31	14°22	8°D42	7°43	17°18	1°17	S 21
S 22	2 1 15	28°27'43	11♒56	20°40	20°20	28°43	4°15	4°15	13°22	11°31	14°22	8°42	7°40	17°25	1°15	S 22
M23	2 5 11	29°26'44	24° 2	22° 0	20°46	29°26	4°10	4°15	13°26	11°31	14°22	8°44	7°36	17°32	1°14	M23
T 24	2 9 8	0♏25'47	6♓21	23°19	21°13	0♑ 8	4° 5	4°14	13°29	11°D31	14°22	8°45	7°33	17°39	1°13	T 24
W25	2 13 4	1°24'52	18°58	24°37	21°41	0°50	3°59	4°13	13°33	11°31	14°22	8°47	7°30	17°45	1°12	W25
T 26	2 17 1	2°23'59	1♈54	25°53	22°11	1°32	3°53	4°12	13°37	11°31	14°21	8°48	7°27	17°52	1°11	T 26
F 27	2 20 57	3°23'07	15°12	27° 7	22°43	2°15	3°47	4°11	13°40	11°31	14°21	8°R48	7°24	17°59	1°10	F 27
S 28	2 24 54	4°22'18	28°52	28°21	23°16	2°58	3°41	4°10	13°44	11°31	14°21	8°46	7°21	18° 6	1° 9	S 28
S 29	2 28 50	5°21'30	12♉51	29°32	23°51	3°40	3°35	4° 9	13°48	11°31	14°21	8°44	7°17	18°12	1° 8	S 29
M30	2 32 47	6°20'44	27° 6	0♐42	24°26	4°23	3°28	4° 7	13°52	11°32	14°20	8°40	7°14	18°19	1° 8	M30
T 31	2 36 44	7♏20'01	11♊31	1♐50	25♍ 4	5♑ 6	3♊22	4♋ 6	13♏56	11♒32	14♋20	8♎36	7♎11	18♑26	1♓ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 7	10n34	2s13	6s41	0n39	2s57	7s41	23s49	1s27	19n54	1s11	21n46	1s27	14s57	0n27	16s52	0n20	15n47	6s46	3s29	3s27	17s22	4s39	6n30
M 2	3 30	13 46	3 18	7 25	0 32	2 41	7 32	23 54	1 27	19 54	1 11	21 46	1 27	14 58	0 27	16 52	0 20	15 47	6 46	3 29	3 26	17 21	4 40	6 30
T 3	3 53	16 12	4 12	8 9	0 25	2 24	7 22	23 59	1 28	19 54	1 11	21 46	1 27	14 59	0 27	16 52	0 20	15 47	6 47	3 29	3 25	17 20	4 41	6 30
W 4	4 16	17 41	4 51	8 52	0 18	2 9	7 12	24 3	1 28	19 53	1 11	21 46	1 28	15 0	0 27	16 52	0 20	15 47	6 47	3 29	3 24	17 20	4 42	6 29
T 5	4 39	18 4	5 13	9 35	0 11	1 54	7 1	24 7	1 28	19 53	1 12	21 46	1 28	15 2	0 27	16 53	0 20	15 47	6 47	3 29	3 22	17 19	4 43	6 29
F 6	5 1	17 20	5 16	10 17	0 4	1 39	6 50	24 11	1 28	19 52	1 12	21 46	1 28	15 3	0 27	16 53	0 20	15 46	6 47	3 29	3 21	17 18	4 44	6 29
S 7	5 24	15 31	4 59	10 58	0s 4	1 25	6 39	24 15	1 28	19 52	1 12	21 46	1 28	15 4	0 27	16 53	0 20	15 46	6 47	3 29	3 20	17 18	4 45	6 28
S 8	5 46	12 46	4 25	11 38	0 11	1 12	6 27	24 19	1 28	19 51	1 12	21 45	1 28	15 5	0 27	16 53	0 20	15 46	6 47	3 29	3 19	17 17	4 47	6 28
M 9	6 9	9 17	3 34	12 18	0 19	1 0	6 16	24 22	1 29	19 50	1 12	21 45	1 28	15 6	0 27	16 53	0 20	15 46	6 47	3 29	3 17	17 16	4 48	6 27
T 10	6 31	5 17	2 31	12 57	0 26	0 48	6 4	24 25	1 29	19 50	1 12	21 45	1 28	15 7	0 27	16 53	0 20	15 46	6 47	3 30	3 16	17 16	4 49	6 27
W11	6 54	1 3	1 20	13 35	0 33	0 38	5 52	24 28	1 29	19 49	1 12	21 45	1 28	15 8	0 27	16 54	0 20	15 46	6 47	3 30	3 15	17 15	4 50	6 27
T 12	7 16	3s11	0 6	14 12	0 41	0 28	5 40	24 31	1 29	19 48	1 12	21 45	1 28	15 9	0 27	16 54	0 20	15 46	6 47	3 30	3 14	17 15	4 51	6 26
F 13	7 38	7 11	1n 8	14 49	0 48	0 19	5 28	24 34	1 29	19 48	1 12	21 45	1 28	15 10	0 27	16 54	0 20	15 46	6 48	3 30	3 12	17 14	4 52	6 26
S 14	8 0	10 45	2 16	15 24	0 56	0 11	5 16	24 36	1 29	19 47	1 13	21 45	1 28	15 11	0 26	16 54	0 20	15 46	6 48	3 30	3 11	17 13	4 53	6 25
S 15	8 22	13 43	3 16	15 59	1 3	0 3	5 4	24 38	1 29	19 46	1 13	21 45	1 28	15 12	0 26	16 54	0 20	15 45	6 48	3 29	3 10	17 13	4 53	6 25
M16	8 44	15 58	4 5	16 33	1 11	0n 3	4 52	24 40	1 29	19 45	1 13	21 45	1 29	15 13	0 26	16 54	0 20	15 45	6 48	3 28	3 9	17 12	4 54	6 25
T 17	9 5	17 26	4 42	17 6	1 18	0 9	4 40	24 42	1 30	19 44	1 13	21 45	1 29	15 14	0 26	16 54	0 20	15 45	6 48	3 28	3 7	17 11	4 55	6 24
W18	9 27	18 5	5 6	17 38	1 25	0 13	4 28	24 43	1 30	19 43	1 13	21 44	1 29	15 16	0 26	16 54	0 20	15 45	6 48	3 27	3 6	17 11	4 56	6 24
T 19	9 48	17 54	5 15	18 9	1 32	0 17	4 16	24 44	1 30	19 43	1 13	21 44	1 29	15 17	0 26	16 54	0 19	15 45	6 48	3 26	3 5	17 10	4 57	6 23
F 20	10 10	16 56	5 11	18 40	1 39	0 20	4 5	24 45	1 30	19 42	1 13	21 44	1 29	15 18	0 26	16 54	0 19	15 45	6 48	3 26	3 4	17 9	4 58	6 23
S 21	10 31	15 14	4 54	19 9	1 46	0 23	3 53	24 46	1 30	19 41	1 13	21 44	1 29	15 19	0 26	16 54	0 19	15 45	6 48	3 26	3 3	17 9	4 59	6 23
S 22	10 52	12 52	4 24	19 37	1 53	0 24	3 42	24 47	1 30	19 40	1 13	21 44	1 29	15 20	0 26	16 54	0 19	15 45	6 49	3 26	3 1	17 8	5 0	6 22
M23	11 12	9 56	3 42	20 5	2 0	0 25	3 30	24 47	1 30	19 39	1 13	21 44	1 29	15 21	0 26	16 55	0 19	15 45	6 49	3 26	3 0	17 7	5 0	6 22
T 24	11 33	6 30	2 49	20 31	2 6	0 24	3 19	24 47	1 30	19 37	1 13	21 44	1 29	15 22	0 26	16 55	0 19	15 45	6 49	3 27	2 59	17 6	5 1	6 21
W25	11 54	2 42	1 47	20 56	2 12	0 23	3 8	24 47	1 30	19 36	1 14	21 44	1 29	15 23	0 26	16 55	0 19	15 45	6 49	3 28	2 58	17 6	5 2	6 21
T 26	12 14	1n20	0 38	21 21	2 18	0 22	2 57	24 47	1 30	19 35	1 14	21 44	1 29	15 24	0 26	16 55	0 19	15 44	6 49	3 28	2 56	17 5	5 3	6 20
F 27	12 34	5 25	0s35	21 44	2 24	0 19	2 47	24 46	1 30	19 34	1 14	21 44	1 29	15 26	0 26	16 55	0 19	15 44	6 49	3 28	2 55	17 4	5 4	6 20
S 28	12 54	9 19	1 48	22 6	2 30	0 16	2 36	24 45	1 30	19 33	1 14	21 44	1 29	15 27	0 26	16 55	0 19	15 44	6 49	3 27	2 54	17 4	5 4	6 20
S 29	13 14	12 48	2 56	22 27	2 35	0 12	2 26	24 44	1 30	19 32	1 14	21 44	1 29	15 28	0 26	16 55	0 19	15 44	6 49	3 26	2 53	17 3	5 5	6 19
M30	13 33	15 35	3 54	22 47	2 40	0 7	2 16	24 43	1 30	19 30	1 14	21 44	1 30	15 29	0 26	16 54	0 19	15 44	6 49	3 25	2 51	17 2	5 6	6 19
T 31	13s52	17n25	4s38	23s 5	2s45	0n 1	2s 6	24s41	1s30	19n29	1s14	21n44	1s30	15s30	0n26	16s54	0n19	15n44	6s49	3s23	2s50	17s 2	5s 6	6n18

Julian Day Number = 2871846.5, Delta T = 01h12m26s
Ecliptic obliquity = 23°17'17, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°51'18, Lahiri = 39°58'18

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ASTRODIENST EPHEMERIS for the year 3150
geocentric

NOVEMBER 3150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 40 40	8♏19'20	26♊ 1	2♐56	25♍42	5♑49	3°R15	4°R 4	13♏59	11♒32	14°R20	8°R32	7♎ 8	18♑32	1°R 6	W 1
T 2	2 44 37	9°18'41	10♋30	3°59	26°22	6°32	3♊ 9	4♋ 3	14° 3	11°32	14♋19	8♎29	7° 5	18°39	1♓ 6	T 2
F 3	2 48 33	10°18'04	24°52	5° 0	27° 2	7°15	3° 2	4° 1	14° 7	11°33	14°19	8°26	7° 1	18°46	1° 5	F 3
S 4	2 52 30	11°17'30	9♌ 6	5°59	27°44	7°58	2°55	3°59	14°11	11°33	14°18	8°D25	6°58	18°53	1° 5	S 4
S 5	2 56 26	12°16'57	23° 7	6°55	28°27	8°42	2°48	3°57	14°14	11°33	14°18	8°26	6°55	18°59	1° 5	S 5
M 6	3 0 23	13°16'27	6♍56	7°47	29°12	9°25	2°40	3°55	14°18	11°34	14°17	8°27	6°52	19° 6	1° 4	M 6
T 7	3 4 19	14°16'00	20°33	8°36	29°57	10° 8	2°33	3°53	14°22	11°34	14°17	8°28	6°49	19°13	1° 4	T 7
W 8	3 8 16	15°15'34	3♎57	9°21	0♎43	10°52	2°26	3°50	14°26	11°35	14°16	8°R29	6°46	19°19	1° 4	W 8
T 9	3 12 12	16°15'11	17° 9	10° 1	1°30	11°36	2°18	3°48	14°30	11°35	14°16	8°29	6°42	19°26	1° 4	T 9
F 10	3 16 9	17°14'49	0♏ 9	10°37	2°18	12°19	2°10	3°45	14°33	11°36	14°15	8°27	6°39	19°33	1°D 4	F 10
S 11	3 20 6	18°14'30	12°58	11° 8	3° 6	13° 3	2° 3	3°43	14°37	11°36	14°15	8°23	6°36	19°40	1° 4	S 11
S 12	3 24 2	19°14'13	25°34	11°32	3°56	13°47	1°55	3°40	14°41	11°37	14°14	8°17	6°33	19°46	1° 4	S 12
M13	3 27 59	20°13'58	7♐59	11°51	4°46	14°31	1°47	3°37	14°45	11°38	14°13	8°10	6°30	19°53	1° 4	M13
T 14	3 31 55	21°13'44	20°13	12° 2	5°37	15°15	1°39	3°34	14°48	11°38	14°13	8° 1	6°27	20° 0	1° 4	T 14
W15	3 35 52	22°13'33	2♑17	12°R 6	6°29	15°59	1°31	3°31	14°52	11°39	14°12	7°53	6°23	20° 6	1° 5	W15
T 16	3 39 48	23°13'23	14°13	12° 2	7°22	16°44	1°23	3°28	14°56	11°40	14°12	7°46	6°20	20°13	1° 5	T 16
F 17	3 43 45	24°13'14	26° 5	11°49	8°15	17°28	1°15	3°25	15° 0	11°41	14°11	7°40	6°17	20°20	1° 5	F 17
S 18	3 47 42	25°13'08	7♒56	11°27	9° 9	18°12	1° 7	3°22	15° 3	11°41	14°10	7°36	6°14	20°27	1° 6	S 18
S 19	3 51 38	26°13'03	19°50	10°56	10° 3	18°57	0°59	3°19	15° 7	11°42	14° 9	7°34	6°11	20°33	1° 6	S 19
M20	3 55 35	27°12'59	1♓53	10°15	10°58	19°41	0°51	3°15	15°11	11°43	14° 9	7°D34	6° 7	20°40	1° 7	M20
T 21	3 59 31	28°12'57	14° 9	9°25	11°54	20°26	0°43	3°12	15°15	11°44	14° 8	7°35	6° 4	20°47	1° 8	T 21
W22	4 3 28	29°12'57	26°44	8°26	12°51	21°11	0°35	3° 8	15°18	11°45	14° 7	7°36	6° 1	20°54	1° 9	W22
T 23	4 7 24	0♐12'58	9♈41	7°20	13°47	21°55	0°27	3° 4	15°22	11°46	14° 6	7°R37	5°58	21° 0	1° 9	T 23
F 24	4 11 21	1°13'01	23° 5	6° 7	14°45	22°40	0°18	3° 1	15°26	11°47	14° 6	7°36	5°55	21° 7	1°10	F 24
S 25	4 15 17	2°13'05	6♉55	4°50	15°43	23°25	0°10	2°57	15°29	11°48	14° 5	7°32	5°52	21°14	1°11	S 25
S 26	4 19 14	3°13'11	21°12	3°31	16°41	24°10	0° 2	2°53	15°33	11°49	14° 4	7°26	5°48	21°20	1°12	S 26
M27	4 23 10	4°13'19	5♊50	2°12	17°40	24°55	29♉54	2°49	15°37	11°50	14° 3	7°19	5°45	21°27	1°13	M27
T 28	4 27 7	5°13'29	20°42	0°56	18°40	25°40	29°46	2°45	15°40	11°51	14° 2	7° 9	5°42	21°34	1°15	T 28
W29	4 31 4	6°13'40	5♋40	29♏46	19°40	26°25	29°38	2°41	15°44	11°53	14° 1	7° 0	5°39	21°41	1°16	W29
T 30	4 35 0	7♐13'53	20♋35	28♏43	20♎40	27♑10	29♉30	2♋37	15♏48	11♒54	14♋ 0	6♎52	5♎36	21♑47	1♓17	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s11	18n 9	5s 5	23s23	2s49	0s 5	1s56	24s39	1s30	19n28	1s14	21n44	1s30	15s31	0n26	16s54	0n19	15n44	6s50	3s22	2s49	17s 1	5s 7	6n18
T 2	14 30	17 41	5 12	23 39	2 53	0 11	1 46	24 37	1 30	19 27	1 14	21 44	1 30	15 32	0 26	16 54	0 19	15 44	6 50	3 20	2 48	17 0	5 8	6 17
F 3	14 49	16 6	5 0	23 54	2 57	0 19	1 37	24 35	1 30	19 25	1 14	21 44	1 30	15 33	0 26	16 54	0 19	15 44	6 50	3 20	2 46	16 59	5 8	6 17
S 4	15 7	13 32	4 29	24 7	3 0	0 27	1 28	24 33	1 30	19 24	1 14	21 44	1 30	15 34	0 26	16 54	0 19	15 44	6 50	3 19	2 45	16 59	5 9	6 16
S 5	15 26	10 13	3 42	24 19	3 2	0 36	1 19	24 30	1 30	19 23	1 14	21 44	1 30	15 36	0 26	16 54	0 19	15 44	6 50	3 19	2 44	16 58	5 9	6 16
M 6	15 43	6 22	2 44	24 30	3 4	0 45	1 10	24 27	1 30	19 21	1 14	21 44	1 30	15 37	0 26	16 54	0 19	15 44	6 50	3 20	2 43	16 57	5 10	6 15
T 7	16 1	2 15	1 36	24 39	3 5	0 55	1 1	24 23	1 30	19 20	1 14	21 44	1 30	15 38	0 26	16 54	0 19	15 44	6 50	3 20	2 41	16 57	5 10	6 15
W 8	16 19	1s56	0 25	24 47	3 6	1 5	0 53	24 20	1 29	19 18	1 14	21 44	1 30	15 39	0 26	16 54	0 19	15 44	6 50	3 21	2 40	16 56	5 11	6 14
T 9	16 36	5 58	0n47	24 53	3 6	1 16	0 44	24 16	1 29	19 17	1 14	21 44	1 30	15 40	0 26	16 54	0 19	15 44	6 50	3 21	2 39	16 55	5 11	6 14
F 10	16 53	9 40	1 55	24 57	3 5	1 27	0 36	24 12	1 29	19 15	1 14	21 44	1 30	15 41	0 26	16 54	0 19	15 44	6 50	3 20	2 38	16 54	5 12	6 14
S 11	17 9	12 50	2 56	25 0	3 3	1 39	0 28	24 8	1 29	19 14	1 14	21 44	1 30	15 42	0 26	16 53	0 19	15 44	6 50	3 18	2 36	16 54	5 12	6 13
S 12	17 25	15 21	3 47	25 0	3 0	1 52	0 20	24 3	1 29	19 12	1 14	21 44	1 30	15 43	0 26	16 53	0 19	15 44	6 50	3 16	2 35	16 53	5 13	6 13
M13	17 41	17 7	4 27	24 59	2 56	2 5	0 13	23 58	1 29	19 11	1 14	21 44	1 30	15 45	0 26	16 53	0 19	15 44	6 51	3 13	2 34	16 52	5 13	6 12
T 14	17 57	18 3	4 53	24 55	2 51	2 18	0 5	23 53	1 29	19 9	1 14	21 44	1 30	15 46	0 26	16 53	0 19	15 44	6 51	3 10	2 33	16 51	5 13	6 12
W15	18 13	18 10	5 7	24 49	2 45	2 32	0n 2	23 48	1 29	19 8	1 14	21 44	1 30	15 47	0 26	16 53	0 19	15 44	6 51	3 7	2 31	16 51	5 14	6 11
T 16	18 28	17 28	5 6	24 41	2 37	2 46	0 9	23 43	1 28	19 6	1 14	21 44	1 30	15 48	0 26	16 53	0 19	15 44	6 51	3 4	2 30	16 50	5 14	6 11
F 17	18 42	16 0	4 52	24 30	2 28	3 1	0 16	23 37	1 28	19 5	1 14	21 44	1 30	15 49	0 26	16 52	0 19	15 44	6 51	3 1	2 29	16 49	5 14	6 10
S 18	18 57	13 53	4 26	24 16	2 17	3 16	0 22	23 31	1 28	19 3	1 14	21 44	1 30	15 50	0 26	16 52	0 19	15 44	6 51	3 0	2 28	16 48	5 14	6 10
S 19	19 11	11 9	3 48	24 0	2 4	3 31	0 29	23 24	1 28	19 2	1 14	21 44	1 30	15 51	0 26	16 52	0 19	15 44	6 51	2 59	2 26	16 48	5 15	6 9
M20	19 25	7 56	3 0	23 40	1 50	3 47	0 35	23 18	1 28	19 0	1 13	21 44	1 30	15 52	0 26	16 52	0 19	15 44	6 51	2 59	2 25	16 47	5 15	6 9
T 21	19 38	4 18	2 3	23 17	1 34	4 3	0 41	23 11	1 27	18 58	1 13	21 45	1 30	15 53	0 26	16 51	0 19	15 44	6 51	2 59	2 24	16 46	5 15	6 8
W22	19 51	0 24	0 58	22 50	1 17	4 19	0 47	23 4	1 27	18 57	1 13	21 45	1 31	15 54	0 26	16 51	0 19	15 44	6 51	3 0	2 23	16 45	5 15	6 8
T 23	20 4	3n39	0s11	22 21	0 59	4 36	0 53	22 57	1 27	18 55	1 13	21 45	1 31	15 55	0 26	16 51	0 19	15 44	6 51	3 0	2 21	16 45	5 15	6 7
F 24	20 16	7 39	1 22	21 50	0 39	4 53	0 58	22 49	1 27	18 54	1 13	21 45	1 31	15 56	0 26	16 51	0 19	15 44	6 51	3 0	2 20	16 44	5 16	6 7
S 25	20 28	11 22	2 30	21 16	0 19	5 10	1 4	22 42	1 27	18 52	1 13	21 45	1 31	15 58	0 26	16 50	0 19	15 44	6 51	2 58	2 19	16 43	5 16	6 7
S 26	20 40	14 32	3 31	20 41	0n 2	5 27	1 9	22 34	1 26	18 51	1 13	21 45	1 31	15 59	0 26	16 50	0 19	15 44	6 51	2 56	2 18	16 42	5 16	6 6
M27	20 51	16 52	4 20	20 6	0 22	5 45	1 14	22 25	1 26	18 49	1 13	21 45	1 31	16 0	0 26	16 50	0 19	15 44	6 51	2 53	2 16	16 42	5 16	6 6
T 28	21 2	18 7	4 52	19 32	0 42	6 3	1 19	22 17	1 26	18 47	1 13	21 45	1 31	16 1	0 26	16 50	0 19	15 44	6 52	2 49	2 15	16 41	5 16	6 5
W29	21 13	18 6	5 4	18 59	1 1	6 21	1 24	22 8	1 26	18 46	1 12	21 45	1 31	16 2	0 26	16 49	0 19	15 44	6 52	2 46	2 14	16 40	5 16	6 5
T 30	21s23	16n51	4s56	18s28	1n18	6s39	1n28	21s59	1s25	18n44	1s12	21n45	1s31	16s 3	0n26	16s49	0n19	15n44	6s52	2s43	2s13	16s39	5s16	6n 4

Julian Day Number = 2871877.5, Delta T = 01h12m26s
Ecliptic obliquity = 23°17'16, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°51'22, Lahiri = 39°58'22

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ASTRODIENST EPHEMERIS for the year 3150
geocentric

DECEMBER 3150 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 38 57	8♐14'09	5♌17	27°R49	21♎41	27♉55	29°R22	2°R33	15♏51	11♒55	13°R59	6°R46	5♎33	21♉54	1♓18	F 1
S 2	4 42 53	9°14'26	19°42	27♏ 6	22°42	28°41	29♉14	2♋28	15°55	11°56	13♋59	6♎42	5°29	22° 1	1°20	S 2
S 3	4 46 50	10°14'44	3♍47	26°34	23°44	29°26	29° 6	2°24	15°58	11°58	13°58	6°40	5°26	22° 7	1°21	S 3
M 4	4 50 46	11°15'05	17°31	26°14	24°46	0♒11	28°58	2°20	16° 2	11°59	13°57	6°D40	5°23	22°14	1°23	M 4
T 5	4 54 43	12°15'28	0♎55	26°D 6	25°48	0°57	28°51	2°15	16° 5	12° 0	13°56	6°R40	5°20	22°21	1°24	T 5
W 6	4 58 40	13°15'53	14° 3	26° 9	26°51	1°43	28°43	2°11	16° 9	12° 2	13°55	6°40	5°17	22°28	1°26	W 6
T 7	5 2 36	14°16'19	26°56	26°22	27°54	2°28	28°35	2° 6	16°12	12° 3	13°54	6°38	5°13	22°34	1°28	T 7
F 8	5 6 33	15°16'47	9♏36	26°46	28°58	3°14	28°28	2° 2	16°16	12° 4	13°53	6°34	5°10	22°41	1°30	F 8
S 9	5 10 29	16°17'17	22° 6	27°18	0♏ 2	3°59	28°20	1°57	16°19	12° 6	13°52	6°26	5° 7	22°48	1°31	S 9
S 10	5 14 26	17°17'48	4♐27	27°58	1° 6	4°45	28°13	1°52	16°23	12° 7	13°51	6°16	5° 4	22°54	1°33	S 10
M11	5 18 22	18°18'21	16°39	28°45	2°10	5°31	28° 6	1°48	16°26	12° 9	13°50	6° 4	5° 1	23° 1	1°35	M11
T 12	5 22 19	19°18'56	28°45	29°39	3°15	6°17	27°59	1°43	16°29	12°10	13°49	5°50	4°58	23° 8	1°37	T 12
W13	5 26 15	20°19'32	10♑43	0♐38	4°20	7° 3	27°52	1°38	16°33	12°12	13°47	5°35	4°54	23°15	1°39	W13
T 14	5 30 12	21°20'09	22°37	1°42	5°25	7°49	27°45	1°33	16°36	12°13	13°46	5°22	4°51	23°21	1°42	T 14
F 15	5 34 9	22°20'47	4♒27	2°50	6°31	8°35	27°38	1°29	16°39	12°15	13°45	5°11	4°48	23°28	1°44	F 15
S 16	5 38 5	23°21'27	16°16	4° 2	7°37	9°21	27°32	1°24	16°42	12°17	13°44	5° 3	4°45	23°35	1°46	S 16
S 17	5 42 2	24°22'07	28° 9	5°17	8°43	10° 7	27°25	1°19	16°46	12°18	13°43	4°58	4°42	23°41	1°48	S 17
M18	5 45 58	25°22'49	10♓ 8	6°34	9°49	10°53	27°19	1°14	16°49	12°20	13°42	4°55	4°39	23°48	1°51	M18
T 19	5 49 55	26°23'31	22°20	7°54	10°56	11°40	27°13	1° 9	16°52	12°22	13°41	4°54	4°35	23°55	1°53	T 19
W20	5 53 51	27°24'15	4♈49	9°15	12° 2	12°26	27° 7	1° 4	16°55	12°23	13°40	4°54	4°32	24° 2	1°56	W20
T 21	5 57 48	28°24'59	17°40	10°39	13° 9	13°12	27° 1	0°59	16°58	12°25	13°39	4°54	4°29	24° 8	1°58	T 21
F 22	6 1 44	29°25'44	0♉58	12° 3	14°17	13°58	26°55	0°55	17° 1	12°27	13°37	4°52	4°26	24°15	2° 1	F 22
S 23	6 5 41	0♑26'30	14°47	13°29	15°24	14°45	26°49	0°50	17° 4	12°29	13°36	4°47	4°23	24°22	2° 3	S 23
S 24	6 9 38	1°27'18	29° 5	14°56	16°32	15°31	26°44	0°45	17° 7	12°30	13°35	4°40	4°19	24°28	2° 6	S 24
M25	6 13 34	2°28'06	13♊51	16°24	17°40	16°18	26°39	0°40	17°10	12°32	13°34	4°31	4°16	24°35	2° 9	M25
T 26	6 17 31	3°28'55	28°57	17°52	18°48	17° 4	26°34	0°35	17°13	12°34	13°33	4°19	4°13	24°42	2°12	T 26
W27	6 21 27	4°29'45	14♋14	19°21	19°56	17°51	26°29	0°30	17°16	12°36	13°32	4° 7	4°10	24°49	2°15	W27
T 28	6 25 24	5°30'35	29°30	20°51	21° 5	18°37	26°24	0°25	17°19	12°38	13°31	3°57	4° 7	24°55	2°17	T 28
F 29	6 29 20	6°31'28	14♌35	22°21	22°13	19°24	26°20	0°20	17°22	12°40	13°29	3°48	4° 4	25° 2	2°20	F 29
S 30	6 33 17	7°32'21	29°18	23°51	23°22	20°10	26°15	0°15	17°24	12°42	13°28	3°42	4° 0	25° 9	2°23	S 30
S 31	6 37 13	8♑33'15	13♍37	25♐22	24♏31	20♒57	26♉11	0♋11	17♏27	12♒44	13♋27	3♎39	3♎57	25♉15	2♓26	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s32	14n30	4s28	18s 2	1n34	6s58	1n33	21s50	1s25	18n43	1s12	21n45	1s31	16s 4	0n26	16s49	0n19	15n44	6s52	2s40	2s11	16s39	5s16	6n 4
S 2	21 42	11 17	3 43	17 39	1 47	7 17	1 37	21 41	1 25	18 41	1 12	21 45	1 30	16 5	0 26	16 48	0 19	15 44	6 52	2 38	2 10	16 38	5 16	6 3
S 3	21 51	7 29	2 46	17 20	1 59	7 35	1 41	21 31	1 24	18 40	1 12	21 46	1 30	16 6	0 26	16 48	0 19	15 44	6 52	2 38	2 9	16 37	5 16	6 3
M 4	21 59	3 22	1 40	17 6	2 8	7 54	1 45	21 21	1 24	18 38	1 12	21 46	1 30	16 7	0 26	16 48	0 19	15 44	6 52	2 38	2 8	16 36	5 16	6 2
T 5	22 7	0s50	0 31	16 57	2 16	8 13	1 49	21 11	1 24	18 37	1 12	21 46	1 30	16 8	0 26	16 47	0 19	15 44	6 52	2 38	2 6	16 35	5 15	6 2
W 6	22 15	4 54	0n39	16 52	2 22	8 32	1 52	21 1	1 24	18 35	1 11	21 46	1 30	16 9	0 26	16 47	0 19	15 44	6 52	2 38	2 5	16 35	5 15	6 2
T 7	22 22	8 40	1 45	16 52	2 25	8 52	1 56	20 50	1 23	18 34	1 11	21 46	1 30	16 10	0 26	16 47	0 18	15 44	6 52	2 37	2 4	16 34	5 15	6 1
F 8	22 29	11 59	2 45	16 55	2 28	9 11	1 59	20 39	1 23	18 32	1 11	21 46	1 30	16 11	0 26	16 46	0 18	15 44	6 52	2 35	2 3	16 33	5 15	6 1
S 9	22 35	14 41	3 36	17 1	2 28	9 30	2 2	20 28	1 23	18 31	1 11	21 46	1 30	16 12	0 26	16 46	0 18	15 44	6 52	2 33	2 1	16 32	5 15	6 0
S 10	22 41	16 42	4 16	17 11	2 28	9 50	2 5	20 17	1 22	18 29	1 11	21 46	1 30	16 13	0 26	16 45	0 18	15 45	6 52	2 28	2 0	16 31	5 14	6 0
M11	22 47	17 55	4 44	17 22	2 26	10 9	2 8	20 6	1 22	18 28	1 11	21 46	1 30	16 14	0 26	16 45	0 18	15 45	6 52	2 23	1 59	16 31	5 14	5 59
T 12	22 52	18 19	4 58	17 36	2 24	10 28	2 10	19 54	1 22	18 26	1 10	21 46	1 30	16 15	0 26	16 45	0 18	15 45	6 52	2 18	1 58	16 30	5 14	5 59
W13	22 56	17 53	4 59	17 52	2 20	10 48	2 13	19 42	1 21	18 25	1 10	21 47	1 30	16 16	0 26	16 44	0 18	15 45	6 52	2 12	1 56	16 29	5 13	5 59
T 14	23 0	16 41	4 47	18 9	2 16	11 7	2 15	19 30	1 21	18 24	1 10	21 47	1 30	16 16	0 26	16 44	0 18	15 45	6 52	2 7	1 55	16 28	5 13	5 58
F 15	23 4	14 46	4 23	18 27	2 11	11 27	2 17	19 18	1 20	18 23	1 10	21 47	1 30	16 17	0 26	16 43	0 18	15 45	6 52	2 3	1 54	16 27	5 13	5 58
S 16	23 7	12 15	3 47	18 46	2 6	11 46	2 19	19 5	1 20	18 21	1 10	21 47	1 30	16 18	0 26	16 43	0 18	15 45	6 52	2 0	1 53	16 26	5 12	5 57
S 17	23 10	9 12	3 1	19 5	2 0	12 5	2 21	18 53	1 20	18 20	1 9	21 47	1 30	16 19	0 26	16 42	0 18	15 45	6 52	1 58	1 51	16 26	5 12	5 57
M18	23 12	5 45	2 7	19 24	1 54	12 24	2 23	18 40	1 19	18 19	1 9	21 47	1 30	16 20	0 26	16 42	0 18	15 45	6 52	1 57	1 50	16 25	5 11	5 56
T 19	23 14	2 1	1 6	19 44	1 47	12 43	2 25	18 27	1 19	18 18	1 9	21 47	1 30	16 21	0 26	16 42	0 18	15 45	6 52	1 56	1 49	16 24	5 11	5 56
W20	23 16	1n54	0 0	20 3	1 40	13 2	2 26	18 13	1 18	18 16	1 9	21 47	1 30	16 22	0 26	16 41	0 18	15 45	6 52	1 56	1 48	16 23	5 11	5 56
T 21	23 17	5 51	1s 7	20 22	1 33	13 21	2 27	18 0	1 18	18 15	1 8	21 47	1 30	16 23	0 26	16 41	0 18	15 46	6 52	1 56	1 46	16 22	5 10	5 55
F 22	23 17	9 39	2 13	20 41	1 26	13 39	2 29	17 46	1 18	18 14	1 8	21 48	1 29	16 24	0 26	16 40	0 18	15 46	6 52	1 55	1 45	16 21	5 9	5 55
S 23	23 17	13 5	3 14	20 59	1 18	13 58	2 30	17 32	1 17	18 13	1 8	21 48	1 29	16 24	0 26	16 40	0 18	15 46	6 52	1 54	1 44	16 21	5 9	5 54
S 24	23 17	15 50	4 5	21 16	1 11	14 16	2 31	17 18	1 17	18 12	1 8	21 48	1 29	16 25	0 26	16 39	0 18	15 46	6 52	1 51	1 42	16 20	5 8	5 54
M25	23 16	17 40	4 41	21 33	1 3	14 34	2 31	17 4	1 16	18 11	1 7	21 48	1 29	16 26	0 26	16 39	0 18	15 46	6 52	1 47	1 41	16 19	5 8	5 54
T 26	23 15	18 18	4 59	21 49	0 56	14 52	2 32	16 50	1 16	18 10	1 7	21 48	1 29	16 27	0 26	16 38	0 18	15 46	6 52	1 42	1 40	16 18	5 7	5 53
W27	23 13	17 38	4 55	22 4	0 48	15 10	2 33	16 35	1 15	18 10	1 7	21 48	1 29	16 28	0 26	16 38	0 18	15 46	6 52	1 38	1 39	16 17	5 6	5 53
T 28	23 10	15 42	4 31	22 18	0 41	15 27	2 33	16 20	1 15	18 9	1 7	21 48	1 29	16 28	0 26	16 37	0 18	15 46	6 52	1 33	1 37	16 16	5 6	5 53
F 29	23 8	12 43	3 48	22 31	0 33	15 44	2 33	16 5	1 14	18 8	1 6	21 48	1 29	16 29	0 26	16 37	0 18	15 47	6 52	1 30	1 36	16 16	5 5	5 52
S 30	23 4	8 58	2 51	22 43	0 26	16 1	2 33	15 50	1 14	18 7	1 6	21 49	1 29	16 30	0 26	16 36	0 18	15 47	6 52	1 28	1 35	16 15	5 4	5 52
S 31	23s 1	4n48	1s44	22s54	0n18	16s18	2n33	15s35	1s13	18n 6	1s 6	21n49	1s29	16s31	0n26	16s36	0n18	15n47	6s52	1s27	1s34	16s14	5s 4	5n51

Julian Day Number = 2871907.5, Delta T = 01h12m27s
Ecliptic obliquity = 23°17'16, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°51'26, Lahiri = 39°58'27

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ASTRODIENST EPHEMERIS for the year 3151
geocentric

JANUARY 3151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 41 10	9♑34'10	27♍29	26♐53	25♏40	21♒44	26°R 7	0°R 6	17♏30	12♒46	13°R26	3°R38	3♎54	25♑22	2♓30	M 1
T 2	6 45 7	10°35'07	10♎55	28°24	26°50	22°30	26♉ 3	0♋ 1	17°32	12°48	13♋25	3♎38	3°51	25°29	2°33	T 2
W 3	6 49 3	11°36'04	23°58	29°56	27°59	23°17	26° 0	29♊56	17°35	12°50	13°23	3°38	3°48	25°36	2°36	W 3
T 4	6 53 0	12°37'03	6♏42	1♑27	29° 9	24° 4	25°56	29°51	17°38	12°52	13°22	3°36	3°45	25°42	2°39	T 4
F 5	6 56 56	13°38'02	19°11	2°59	0♐19	24°51	25°53	29°47	17°40	12°54	13°21	3°31	3°41	25°49	2°42	F 5
S 6	7 0 53	14°39'03	1♐28	4°32	1°29	25°38	25°50	29°42	17°43	12°56	13°20	3°23	3°38	25°56	2°46	S 6
S 7	7 4 49	15°40'04	13°37	6° 4	2°39	26°24	25°47	29°37	17°45	12°58	13°19	3°13	3°35	26° 2	2°49	S 7
M 8	7 8 46	16°41'06	25°39	7°37	3°49	27°11	25°45	29°33	17°47	13° 0	13°18	3° 0	3°32	26° 9	2°52	M 8
T 9	7 12 42	17°42'09	7♑36	9°10	4°59	27°58	25°42	29°28	17°50	13° 2	13°16	2°46	3°29	26°16	2°56	T 9
W10	7 16 39	18°43'12	19°30	10°43	6°10	28°45	25°40	29°24	17°52	13° 4	13°15	2°31	3°25	26°23	2°59	W10
T 11	7 20 36	19°44'16	1♒21	12°16	7°20	29°32	25°38	29°19	17°54	13° 6	13°14	2°17	3°22	26°29	3° 3	T 11
F 12	7 24 32	20°45'20	13°12	13°49	8°31	0♓19	25°36	29°15	17°57	13° 8	13°13	2° 6	3°19	26°36	3° 6	F 12
S 13	7 28 29	21°46'25	25° 3	15°23	9°42	1° 6	25°35	29°10	17°59	13°10	13°12	1°57	3°16	26°43	3°10	S 13
S 14	7 32 25	22°47'30	6♓58	16°57	10°53	1°53	25°33	29° 6	18° 1	13°13	13°11	1°51	3°13	26°49	3°14	S 14
M15	7 36 22	23°48'34	18°59	18°31	12° 4	2°40	25°32	29° 2	18° 3	13°15	13° 9	1°48	3°10	26°56	3°17	M15
T 16	7 40 18	24°49'39	1♈11	20° 5	13°15	3°27	25°31	28°58	18° 5	13°17	13° 8	1°D47	3° 6	27° 3	3°21	T 16
W17	7 44 15	25°50'44	13°37	21°40	14°26	4°14	25°30	28°54	18° 7	13°19	13° 7	1°48	3° 3	27°10	3°25	W17
T 18	7 48 11	26°51'49	26°23	23°15	15°37	5° 1	25°30	28°50	18° 9	13°21	13° 6	1°R48	3° 0	27°16	3°29	T 18
F 19	7 52 8	27°52'54	9♉33	24°50	16°49	5°48	25°29	28°46	18°11	13°24	13° 5	1°48	2°57	27°23	3°32	F 19
S 20	7 56 5	28°53'59	23°11	26°25	18° 0	6°35	25°D29	28°42	18°13	13°26	13° 4	1°45	2°54	27°30	3°36	S 20
S 21	8 0 1	29°55'04	7♊19	28° 1	19°12	7°23	25°29	28°38	18°14	13°28	13° 2	1°40	2°51	27°36	3°40	S 21
M22	8 3 58	0♒56'09	21°55	29°38	20°23	8°10	25°30	28°34	18°16	13°30	13° 1	1°33	2°47	27°43	3°44	M22
T 23	8 7 54	1°57'13	6♋55	1♒14	21°35	8°57	25°30	28°30	18°18	13°32	13° 0	1°24	2°44	27°50	3°48	T 23
W24	8 11 51	2°58'17	22°11	2°51	22°47	9°44	25°31	28°27	18°20	13°35	12°59	1°14	2°41	27°57	3°52	W24
T 25	8 15 47	3°59'22	7♌33	4°28	23°59	10°31	25°32	28°23	18°21	13°37	12°58	1° 6	2°38	28° 3	3°56	T 25
F 26	8 19 44	5° 0'26	22°48	6° 6	25°11	11°18	25°33	28°20	18°23	13°39	12°57	0°59	2°35	28°10	4° 0	F 26
S 27	8 23 41	6° 1'30	7♍45	7°44	26°23	12° 5	25°34	28°16	18°24	13°41	12°56	0°54	2°31	28°17	4° 4	S 27
S 28	8 27 37	7° 2'34	22°19	9°23	27°35	12°52	25°36	28°13	18°26	13°44	12°55	0°52	2°28	28°23	4° 8	S 28
M29	8 31 34	8° 3'38	6♎24	11° 2	28°47	13°40	25°38	28°10	18°27	13°46	12°54	0°D52	2°25	28°30	4°12	M29
T 30	8 35 30	9° 4'43	20° 1	12°41	29°59	14°27	25°39	28° 7	18°28	13°48	12°53	0°52	2°22	28°37	4°16	T 30
W31	8 39 27	10♒ 5'47	3♏11	14♒21	1♑12	15♓14	25♉42	28♊ 4	18♏30	13♒51	12♋52	0♎53	2♎19	28♑43	4♓20	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s57	0n30	0s33	23s 4	0n11	16s34	2n33	15s20	1s13	18n 6	1s 6	21n49	1s28	16s31	0n26	16s35	0n18	15n47	6s52	1s26	1s32	16s13	5s 3	5n51
T 2	22 52	3s42	0n38	23 13	0 3	16 50	2 33	15 4	1 13	18 5	1 5	21 49	1 28	16 32	0 26	16 35	0 18	15 47	6 52	1 26	1 31	16 12	5 2	5 51
W 3	22 47	7 36	1 45	23 21	0s 4	17 6	2 33	14 48	1 12	18 5	1 5	21 49	1 28	16 33	0 26	16 34	0 18	15 47	6 52	1 26	1 30	16 11	5 1	5 50
T 4	22 42	11 4	2 45	23 28	0 11	17 22	2 32	14 32	1 12	18 4	1 5	21 49	1 28	16 34	0 26	16 33	0 18	15 48	6 52	1 25	1 29	16 10	5 1	5 50
F 5	22 36	13 57	3 36	23 33	0 18	17 37	2 32	14 16	1 11	18 4	1 5	21 49	1 28	16 34	0 26	16 33	0 18	15 48	6 52	1 23	1 27	16 10	5 0	5 50
S 6	22 29	16 9	4 16	23 37	0 25	17 51	2 31	14 0	1 10	18 3	1 4	21 49	1 28	16 35	0 26	16 32	0 18	15 48	6 52	1 20	1 26	16 9	4 59	5 49
S 7	22 22	17 36	4 43	23 40	0 32	18 6	2 31	13 44	1 10	18 3	1 4	21 50	1 28	16 36	0 26	16 32	0 18	15 48	6 52	1 16	1 25	16 8	4 58	5 49
M 8	22 15	18 15	4 58	23 42	0 38	18 20	2 30	13 27	1 9	18 2	1 4	21 50	1 28	16 36	0 26	16 31	0 18	15 48	6 51	1 11	1 24	16 7	4 57	5 49
T 9	22 7	18 6	4 59	23 43	0 45	18 33	2 29	13 11	1 9	18 2	1 3	21 50	1 27	16 37	0 26	16 31	0 18	15 48	6 51	1 5	1 22	16 6	4 56	5 48
W10	21 59	17 8	4 47	23 42	0 51	18 46	2 28	12 54	1 8	18 2	1 3	21 50	1 27	16 38	0 26	16 30	0 18	15 48	6 51	1 0	1 21	16 5	4 55	5 48
T 11	21 51	15 27	4 23	23 40	0 57	18 59	2 27	12 37	1 8	18 2	1 3	21 50	1 27	16 38	0 26	16 29	0 18	15 49	6 51	0 54	1 20	16 4	4 54	5 48
F 12	21 42	13 7	3 48	23 37	1 3	19 12	2 25	12 20	1 7	18 1	1 3	21 50	1 27	16 39	0 26	16 29	0 18	15 49	6 51	0 50	1 19	16 3	4 53	5 47
S 13	21 32	10 14	3 2	23 32	1 8	19 23	2 24	12 3	1 7	18 1	1 2	21 50	1 27	16 39	0 26	16 28	0 18	15 49	6 51	0 46	1 17	16 2	4 52	5 47
S 14	21 23	6 55	2 8	23 27	1 14	19 35	2 22	11 46	1 6	18 1	1 2	21 50	1 27	16 40	0 26	16 28	0 18	15 49	6 51	0 44	1 16	16 2	4 51	5 47
M15	21 12	3 18	1 8	23 20	1 19	19 46	2 21	11 29	1 6	18 1	1 2	21 51	1 26	16 41	0 26	16 27	0 18	15 49	6 51	0 43	1 15	16 1	4 50	5 47
T 16	21 2	0n31	0 3	23 11	1 24	19 56	2 19	11 11	1 5	18 1	1 2	21 51	1 26	16 41	0 26	16 26	0 18	15 50	6 51	0 42	1 14	16 0	4 49	5 46
W17	20 51	4 23	1s 3	23 1	1 29	20 6	2 18	10 54	1 4	18 1	1 1	21 51	1 26	16 42	0 27	16 26	0 18	15 50	6 51	0 43	1 12	15 59	4 48	5 46
T 18	20 39	8 8	2 7	22 50	1 34	20 16	2 16	10 36	1 4	18 2	1 1	21 51	1 26	16 42	0 27	16 25	0 18	15 50	6 51	0 43	1 11	15 58	4 47	5 46
F 19	20 27	11 37	3 7	22 38	1 38	20 25	2 14	10 18	1 3	18 2	1 1	21 51	1 26	16 43	0 27	16 25	0 18	15 50	6 51	0 43	1 10	15 57	4 46	5 45
S 20	20 15	14 36	3 59	22 24	1 42	20 33	2 12	10 0	1 3	18 2	1 0	21 51	1 26	16 43	0 27	16 24	0 18	15 50	6 51	0 41	1 9	15 56	4 45	5 45
S 21	20 2	16 50	4 38	22 10	1 46	20 41	2 10	9 43	1 2	18 2	1 0	21 51	1 25	16 44	0 27	16 23	0 18	15 51	6 50	0 39	1 7	15 55	4 44	5 45
M22	19 49	18 3	5 0	21 53	1 50	20 49	2 8	9 25	1 2	18 3	1 0	21 52	1 25	16 44	0 27	16 23	0 18	15 51	6 50	0 37	1 6	15 54	4 43	5 45
T 23	19 36	18 4	5 3	21 36	1 53	20 56	2 6	9 6	1 1	18 3	1 0	21 52	1 25	16 45	0 27	16 22	0 18	15 51	6 50	0 33	1 5	15 53	4 41	5 44
W24	19 22	16 47	4 45	21 17	1 56	21 2	2 4	8 48	1 0	18 4	0 59	21 52	1 25	16 45	0 27	16 22	0 18	15 51	6 50	0 29	1 4	15 53	4 40	5 44
T 25	19 8	14 18	4 6	20 57	1 59	21 8	2 1	8 30	1 0	18 4	0 59	21 52	1 25	16 45	0 27	16 21	0 18	15 51	6 50	0 26	1 2	15 52	4 39	5 44
F 26	18 54	10 51	3 9	20 35	2 1	21 13	1 59	8 12	0 59	18 5	0 59	21 52	1 25	16 46	0 27	16 20	0 18	15 52	6 50	0 23	1 1	15 51	4 38	5 44
S 27	18 39	6 44	2 1	20 12	2 3	21 18	1 56	7 53	0 58	18 5	0 58	21 52	1 24	16 46	0 27	16 20	0 18	15 52	6 50	0 21	1 0	15 50	4 37	5 44
S 28	18 24	2 20	0 46	19 48	2 5	21 22	1 54	7 35	0 58	18 6	0 58	21 52	1 24	16 47	0 27	16 19	0 18	15 52	6 50	0 20	0 59	15 49	4 35	5 43
M29	18 8	2s 4	0n30	19 22	2 6	21 26	1 51	7 16	0 57	18 6	0 58	21 53	1 24	16 47	0 27	16 18	0 18	15 52	6 50	0 20	0 57	15 48	4 34	5 43
T 30	17 52	6 13	1 41	18 55	2 7	21 28	1 49	6 57	0 57	18 7	0 58	21 53	1 24	16 47	0 27	16 18	0 18	15 52	6 50	0 21	0 56	15 47	4 33	5 43
W31	17s36	9s55	2n45	18s27	2s 7	21s31	1n46	6s39	0s56	18n 8	0s57	21n53	1s24	16s48	0n27	16s17	0n18	15n53	6s49	0s21	0s55	15s46	4s32	5n43

Julian Day Number = 2871938.5, Delta T = 01h12m27s
Ecliptic obliquity = 23°17'16, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°51'30, Lahiri = 39°58'31

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ASTRODIENST EPHEMERIS for the year 3151
geocentric

FEBRUARY 3151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 43 23	11♒ 6'52	15♏58	16♒ 1	2♉24	16♓ 1	25♉44	28°R 1	18♏31	13♒53	12°R51	0°R54	2♎16	28♉50	4♓25	T 1
F 2	8 47 20	12° 7'56	28°25	17°42	3°37	16°48	25°46	27♊58	18°32	13°55	12♋50	0♎52	2°12	28°57	4°29	F 2
S 3	8 51 16	13° 9'01	10♐38	19°23	4°49	17°35	25°49	27°55	18°33	13°57	12°49	0°48	2° 9	29° 4	4°33	S 3
S 4	8 55 13	14°10'05	22°41	21° 4	6° 2	18°23	25°52	27°53	18°34	14° 0	12°48	0°42	2° 6	29°10	4°37	S 4
M 5	8 59 10	15°11'09	4♑37	22°46	7°15	19°10	25°55	27°50	18°35	14° 2	12°47	0°35	2° 3	29°17	4°41	M 5
T 6	9 3 6	16°12'13	16°29	24°28	8°27	19°57	25°59	27°48	18°36	14° 4	12°46	0°26	2° 0	29°24	4°46	T 6
W 7	9 7 3	17°13'16	28°20	26°10	9°40	20°44	26° 2	27°45	18°37	14° 6	12°45	0°17	1°57	29°30	4°50	W 7
T 8	9 10 59	18°14'19	10♒11	27°52	10°53	21°31	26° 6	27°43	18°38	14° 9	12°44	0° 8	1°53	29°37	4°54	T 8
F 9	9 14 56	19°15'22	22° 5	29°34	12° 6	22°18	26°10	27°41	18°39	14°11	12°43	0° 1	1°50	29°44	4°59	F 9
S 10	9 18 52	20°16'24	4♓ 2	1♓17	13°19	23° 5	26°14	27°39	18°39	14°13	12°42	29♍56	1°47	29°51	5° 3	S 10
S 11	9 22 49	21°17'25	16° 5	2°59	14°32	23°53	26°18	27°37	18°40	14°16	12°41	29°53	1°44	29°57	5° 7	S 11
M12	9 26 45	22°18'25	28°15	4°41	15°45	24°40	26°23	27°35	18°41	14°18	12°40	29°D52	1°41	0♒ 4	5°12	M12
T 13	9 30 42	23°19'24	10♈36	6°22	16°58	25°27	26°27	27°34	18°41	14°20	12°39	29°53	1°37	0°11	5°16	T 13
W14	9 34 38	24°20'23	23° 9	8° 2	18°11	26°14	26°32	27°32	18°42	14°22	12°38	29°54	1°34	0°17	5°20	W14
T 15	9 38 35	25°21'20	5♉58	9°42	19°24	27° 1	26°37	27°31	18°42	14°25	12°38	29°56	1°31	0°24	5°25	T 15
F 16	9 42 32	26°22'17	19° 6	11°20	20°37	27°48	26°43	27°29	18°42	14°27	12°37	29°57	1°28	0°31	5°29	F 16
S 17	9 46 28	27°23'12	2♊37	12°56	21°50	28°35	26°48	27°28	18°43	14°29	12°36	29°R57	1°25	0°37	5°34	S 17
S 18	9 50 25	28°24'07	16°32	14°30	23° 4	29°22	26°53	27°27	18°43	14°31	12°35	29°56	1°22	0°44	5°38	S 18
M19	9 54 21	29°25'00	0♋51	16° 2	24°17	0♈ 9	26°59	27°26	18°43	14°33	12°34	29°53	1°18	0°51	5°42	M19
T 20	9 58 18	0♓25'52	15°31	17°30	25°30	0°56	27° 5	27°25	18°43	14°36	12°34	29°49	1°15	0°58	5°47	T 20
W21	10 2 14	1°26'42	0♌28	18°55	26°44	1°43	27°11	27°24	18°44	14°38	12°33	29°45	1°12	1° 4	5°51	W21
T 22	10 6 11	2°27'32	15°34	20°15	27°57	2°30	27°17	27°23	18°R44	14°40	12°32	29°41	1° 9	1°11	5°56	T 22
F 23	10 10 7	3°28'20	0♍40	21°31	29°10	3°17	27°24	27°23	18°44	14°42	12°31	29°38	1° 6	1°18	6° 0	F 23
S 24	10 14 4	4°29'07	15°35	22°40	0♒24	4° 4	27°31	27°22	18°43	14°44	12°31	29°36	1° 2	1°24	6° 5	S 24
S 25	10 18 1	5°29'54	0♎12	23°43	1°37	4°51	27°37	27°22	18°43	14°47	12°30	29°D35	0°59	1°31	6° 9	S 25
M26	10 21 57	6°30'39	14°26	24°39	2°51	5°38	27°44	27°21	18°43	14°49	12°29	29°36	0°56	1°38	6°13	M26
T 27	10 25 54	7°31'23	28°12	25°27	4° 4	6°25	27°51	27°21	18°43	14°51	12°29	29°37	0°53	1°45	6°18	T 27
W28	10 29 50	8♓32'06	11♏32	26♓ 5	5♒18	7♈11	27♉58	27°D21	18♏43	14♒53	12♋28	29♍39	0♎50	1♒51	6♓22	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s20	13s 1	3n38	17s58	2s 8	21s33	1n43	6s20	0s55	18n 9	0s57	21n53	1s23	16s48	0n27	16s16	0n18	15n53	6s49	0s21	0s54	15s45	4s30	5n42
F 2	17 3	15 27	4 20	17 27	2 7	21 34	1 41	6 1	0 55	18 10	0 57	21 53	1 23	16 48	0 27	16 16	0 18	15 53	6 49	0 21	0 52	15 44	4 29	5 42
S 3	16 46	17 8	4 49	16 55	2 7	21 34	1 38	5 42	0 54	18 11	0 56	21 53	1 23	16 49	0 27	16 15	0 18	15 53	6 49	0 19	0 51	15 43	4 28	5 42
S 4	16 28	18 1	5 5	16 22	2 5	21 34	1 35	5 23	0 53	18 12	0 56	21 54	1 23	16 49	0 27	16 15	0 18	15 53	6 49	0 17	0 50	15 42	4 26	5 42
M 5	16 11	18 6	5 7	15 47	2 4	21 33	1 32	5 4	0 53	18 13	0 56	21 54	1 22	16 49	0 27	16 14	0 18	15 54	6 49	0 14	0 49	15 41	4 25	5 42
T 6	15 53	17 23	4 56	15 12	2 1	21 32	1 29	4 45	0 52	18 14	0 56	21 54	1 22	16 49	0 27	16 13	0 18	15 54	6 49	0 10	0 47	15 40	4 24	5 42
W 7	15 35	15 55	4 32	14 35	1 59	21 30	1 26	4 26	0 51	18 15	0 55	21 54	1 22	16 50	0 27	16 13	0 18	15 54	6 49	0 7	0 46	15 39	4 22	5 41
T 8	15 16	13 47	3 57	13 57	1 55	21 28	1 23	4 7	0 51	18 16	0 55	21 54	1 22	16 50	0 27	16 12	0 18	15 54	6 48	0 3	0 45	15 39	4 21	5 41
F 9	14 57	11 3	3 11	13 17	1 51	21 25	1 20	3 48	0 50	18 17	0 55	21 54	1 22	16 50	0 27	16 11	0 18	15 55	6 48	0 1	0 44	15 38	4 20	5 41
S 10	14 38	7 51	2 16	12 37	1 47	21 21	1 17	3 29	0 49	18 18	0 55	21 55	1 21	16 50	0 27	16 11	0 18	15 55	6 48	0n 2	0 42	15 37	4 18	5 41
S 11	14 19	4 19	1 14	11 56	1 42	21 16	1 14	3 10	0 49	18 19	0 54	21 55	1 21	16 50	0 27	16 10	0 18	15 55	6 48	0 3	0 41	15 36	4 17	5 41
M12	13 59	0 33	0 9	11 14	1 36	21 11	1 11	2 51	0 48	18 21	0 54	21 55	1 21	16 50	0 27	16 9	0 18	15 55	6 48	0 3	0 40	15 35	4 15	5 41
T 13	13 40	3n17	0s58	10 31	1 30	21 6	1 8	2 31	0 47	18 22	0 54	21 55	1 21	16 51	0 27	16 9	0 18	15 55	6 48	0 3	0 39	15 34	4 14	5 41
W14	13 20	7 1	2 4	9 47	1 22	21 0	1 5	2 12	0 47	18 23	0 54	21 55	1 21	16 51	0 27	16 8	0 18	15 56	6 47	0 2	0 37	15 33	4 12	5 40
T 15	12 59	10 31	3 4	9 2	1 15	20 53	1 2	1 53	0 46	18 25	0 53	21 56	1 20	16 51	0 27	16 8	0 18	15 56	6 47	0 2	0 36	15 32	4 11	5 40
F 16	12 39	13 35	3 57	8 17	1 6	20 45	0 58	1 34	0 45	18 26	0 53	21 56	1 20	16 51	0 27	16 7	0 18	15 56	6 47	0 1	0 35	15 31	4 9	5 40
S 17	12 18	16 0	4 38	7 32	0 57	20 37	0 55	1 15	0 45	18 28	0 53	21 56	1 20	16 51	0 27	16 6	0 18	15 56	6 47	0 1	0 33	15 30	4 8	5 40
S 18	11 57	17 34	5 5	6 47	0 46	20 29	0 52	0 55	0 44	18 29	0 52	21 56	1 20	16 51	0 27	16 6	0 18	15 57	6 47	0 2	0 32	15 29	4 6	5 40
M19	11 36	18 4	5 13	6 1	0 36	20 19	0 49	0 36	0 43	18 31	0 52	21 56	1 19	16 51	0 27	16 5	0 18	15 57	6 47	0 3	0 31	15 28	4 5	5 40
T 20	11 15	17 24	5 1	5 16	0 24	20 10	0 46	0 17	0 43	18 32	0 52	21 57	1 19	16 51	0 27	16 4	0 17	15 57	6 47	0 4	0 30	15 27	4 3	5 40
W21	10 54	15 32	4 29	4 32	0 11	19 59	0 42	0n 2	0 42	18 34	0 52	21 57	1 19	16 51	0 27	16 4	0 17	15 57	6 46	0 6	0 28	15 26	4 2	5 40
T 22	10 32	12 35	3 39	3 49	0n 2	19 48	0 39	0 21	0 41	18 36	0 51	21 57	1 19	16 51	0 27	16 3	0 17	15 58	6 46	0 8	0 27	15 25	4 0	5 40
F 23	10 10	8 47	2 32	3 6	0 16	19 37	0 36	0 41	0 41	18 37	0 51	21 57	1 19	16 51	0 27	16 2	0 17	15 58	6 46	0 9	0 26	15 24	3 59	5 40
S 24	9 48	4 28	1 16	2 26	0 30	19 24	0 33	1 0	0 40	18 39	0 51	21 57	1 18	16 51	0 27	16 2	0 17	15 58	6 46	0 10	0 25	15 23	3 57	5 39
S 25	9 26	0s 2	0n 3	1 47	0 45	19 12	0 29	1 19	0 39	18 41	0 51	21 58	1 18	16 51	0 27	16 1	0 17	15 58	6 46	0 10	0 23	15 22	3 56	5 39
M26	9 4	4 24	1 21	1 11	1 1	18 58	0 26	1 38	0 38	18 43	0 50	21 58	1 18	16 51	0 27	16 1	0 17	15 58	6 46	0 10	0 22	15 21	3 54	5 39
T 27	8 42	8 25	2 31	0 38	1 16	18 45	0 23	1 57	0 38	18 44	0 50	21 58	1 18	16 51	0 27	16 0	0 17	15 59	6 45	0 9	0 21	15 20	3 53	5 39
W28	8s19	11s51	3n31	0s 8	1n32	18s30	0n20	2n16	0s37	18n46	0s50	21n58	1s17	16s51	0n27	15s59	0n17	15n59	6s45	0n 8	0s20	15s19	3s51	5n39

Julian Day Number = 2871969.5, Delta T = 01h12m28s
Ecliptic obliquity = 23°17'16, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°51'35, Lahiri = 39°58'35

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ASTRODIENST EPHEMERIS for the year 3151
geocentric

MARCH 3151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 33 47	9♓32'49	24♏26	26♓35	6♒31	7♈58	28♉ 6	27♊21	18°R42	14♒55	12°R28	29♍40	0♎47	1♒58	6♓27	T 1
F 2	10 37 43	10°33'30	6♐59	26°54	7°45	8°45	28°13	27°21	18♏42	14°57	12♋27	29°R41	0°43	2° 5	6°31	F 2
S 3	10 41 40	11°34'11	19°15	27°R 3	8°59	9°32	28°21	27°22	18°41	14°59	12°27	29°41	0°40	2°11	6°35	S 3
S 4	10 45 36	12°34'50	1♑18	27° 1	10°12	10°19	28°29	27°22	18°41	15° 1	12°26	29°40	0°37	2°18	6°40	S 4
M 5	10 49 33	13°35'29	13°13	26°49	11°26	11° 5	28°37	27°23	18°40	15° 3	12°26	29°38	0°34	2°25	6°44	M 5
T 6	10 53 30	14°36'06	25° 3	26°27	12°40	11°52	28°45	27°23	18°40	15° 5	12°25	29°36	0°31	2°31	6°49	T 6
W 7	10 57 26	15°36'42	6♒53	25°54	13°53	12°39	28°53	27°24	18°39	15° 8	12°25	29°33	0°28	2°38	6°53	W 7
T 8	11 1 23	16°37'17	18°47	25°13	15° 7	13°25	29° 2	27°25	18°38	15°10	12°24	29°31	0°24	2°45	6°57	T 8
F 9	11 5 19	17°37'51	0♓45	24°23	16°21	14°12	29°10	27°26	18°38	15°12	12°24	29°29	0°21	2°52	7° 2	F 9
S 10	11 9 16	18°38'23	12°51	23°27	17°35	14°59	29°19	27°27	18°37	15°14	12°23	29°28	0°18	2°58	7° 6	S 10
S 11	11 13 12	19°38'54	25° 7	22°26	18°48	15°45	29°28	27°28	18°36	15°15	12°23	29°D28	0°15	3° 5	7°11	S 11
M12	11 17 9	20°39'23	7♈33	21°22	20° 2	16°32	29°37	27°29	18°35	15°17	12°23	29°28	0°12	3°12	7°15	M12
T 13	11 21 5	21°39'51	20°10	20°15	21°16	17°18	29°46	27°31	18°34	15°19	12°22	29°28	0° 8	3°18	7°19	T 13
W14	11 25 2	22°40'17	3♉ 1	19° 9	22°30	18° 5	29°55	27°32	18°33	15°21	12°22	29°29	0° 5	3°25	7°24	W14
T 15	11 28 58	23°40'41	16° 5	18° 4	23°44	18°51	0♊ 4	27°34	18°32	15°23	12°22	29°30	0° 2	3°32	7°28	T 15
F 16	11 32 55	24°41'03	29°24	17° 3	24°57	19°37	0°14	27°36	18°31	15°25	12°21	29°30	29♍59	3°38	7°32	F 16
S 17	11 36 52	25°41'24	12♊58	16° 5	26°11	20°24	0°23	27°38	18°30	15°27	12°21	29°31	29°56	3°45	7°36	S 17
S 18	11 40 48	26°41'43	26°49	15°13	27°25	21°10	0°33	27°40	18°28	15°29	12°21	29°R31	29°53	3°52	7°41	S 18
M19	11 44 45	27°41'59	10♋56	14°27	28°39	21°57	0°43	27°42	18°27	15°31	12°21	29°31	29°49	3°59	7°45	M19
T 20	11 48 41	28°42'14	25°16	13°47	29°53	22°43	0°53	27°44	18°26	15°32	12°21	29°31	29°46	4° 5	7°49	T 20
W21	11 52 38	29°42'27	9♌48	13°14	1♓ 7	23°29	1° 3	27°46	18°24	15°34	12°20	29°D31	29°43	4°12	7°53	W21
T 22	11 56 34	0♈42'38	24°27	12°48	2°21	24°15	1°13	27°48	18°23	15°36	12°20	29°31	29°40	4°19	7°57	T 22
F 23	12 0 31	1°42'47	9♍ 7	12°29	3°35	25° 1	1°23	27°51	18°22	15°38	12°20	29°31	29°37	4°25	8° 2	F 23
S 24	12 4 27	2°42'54	23°42	12°17	4°49	25°47	1°34	27°54	18°20	15°39	12°20	29°R31	29°34	4°32	8° 6	S 24
S 25	12 8 24	3°42'59	8♎ 6	12°D12	6° 2	26°34	1°44	27°56	18°18	15°41	12°20	29°31	29°30	4°39	8°10	S 25
M26	12 12 21	4°43'02	22°12	12°13	7°16	27°20	1°55	27°59	18°17	15°43	12°20	29°31	29°27	4°45	8°14	M26
T 27	12 16 17	5°43'04	5♏58	12°21	8°30	28° 6	2° 6	28° 2	18°15	15°44	12°D20	29°30	29°24	4°52	8°18	T 27
W28	12 20 14	6°43'04	19°20	12°34	9°44	28°52	2°17	28° 5	18°14	15°46	12°20	29°29	29°21	4°59	8°22	W28
T 29	12 24 10	7°43'02	2♐20	12°53	10°58	29°37	2°27	28° 8	18°12	15°47	12°20	29°28	29°18	5° 5	8°26	T 29
F 30	12 28 7	8°42'59	14°58	13°17	12°12	0♉23	2°39	28°11	18°10	15°49	12°20	29°27	29°14	5°12	8°30	F 30
S 31	12 32 3	9♈42'55	27♐19	13♓46	13♓26	1♉ 9	2♊50	28♊15	18♏ 8	15♒51	12♋20	29♍26	29♍11	5♒19	8♓34	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s56	14s35	4n18	0n19	1n48	18s15	0n17	2n35	0s36	18n48	0s50	21n58	1s17	16s51	0n27	15s59	0n17	15n59	6s45	0n 8	0s18	15s18	3s50	5n39
F 2	7 34	16 33	4 51	0 41	2 4	18 0	0 14	2 54	0 36	18 50	0 50	21 59	1 17	16 51	0 27	15 58	0 17	15 59	6 45	0 8	0 17	15 17	3 48	5 39
S 3	7 11	17 42	5 11	0 58	2 20	17 44	0 10	3 13	0 35	18 52	0 49	21 59	1 17	16 50	0 27	15 58	0 17	16 0	6 45	0 8	0 16	15 16	3 47	5 39
S 4	6 48	18 1	5 16	1 11	2 34	17 28	0 7	3 32	0 34	18 54	0 49	21 59	1 17	16 50	0 27	15 57	0 17	16 0	6 44	0 8	0 15	15 15	3 45	5 39
M 5	6 25	17 33	5 7	1 19	2 48	17 11	0 4	3 51	0 33	18 56	0 49	21 59	1 16	16 50	0 27	15 56	0 17	16 0	6 44	0 9	0 13	15 14	3 43	5 39
T 6	6 2	16 18	4 45	1 22	3 1	16 53	0 1	4 10	0 33	18 58	0 49	22 0	1 16	16 50	0 27	15 56	0 17	16 0	6 44	0 10	0 12	15 13	3 42	5 39
W 7	5 38	14 22	4 12	1 20	3 12	16 35	0s 2	4 28	0 32	19 0	0 48	22 0	1 16	16 50	0 27	15 55	0 17	16 1	6 44	0 11	0 11	15 12	3 40	5 39
T 8	5 15	11 49	3 27	1 12	3 22	16 17	0 5	4 47	0 31	19 2	0 48	22 0	1 16	16 49	0 27	15 55	0 17	16 1	6 44	0 11	0 10	15 11	3 39	5 39
F 9	4 51	8 45	2 32	1 0	3 29	15 58	0 8	5 6	0 31	19 4	0 48	22 0	1 15	16 49	0 27	15 54	0 17	16 1	6 44	0 12	0 8	15 10	3 37	5 39
S 10	4 28	5 18	1 31	0 43	3 35	15 39	0 11	5 24	0 30	19 6	0 48	22 1	1 15	16 49	0 27	15 53	0 17	16 1	6 43	0 13	0 7	15 9	3 35	5 39
S 11	4 4	1 34	0 24	0 22	3 38	15 19	0 14	5 43	0 29	19 8	0 47	22 1	1 15	16 49	0 27	15 53	0 17	16 1	6 43	0 13	0 6	15 8	3 34	5 39
M12	3 41	2n17	0s45	0s 2	3 39	14 59	0 17	6 1	0 28	19 10	0 47	22 1	1 15	16 48	0 27	15 52	0 17	16 2	6 43	0 13	0 5	15 7	3 32	5 39
T 13	3 17	6 6	1 52	0 29	3 38	14 38	0 20	6 20	0 28	19 12	0 47	22 1	1 15	16 48	0 27	15 52	0 17	16 2	6 43	0 12	0 3	15 6	3 31	5 39
W14	2 53	9 41	2 56	0 58	3 35	14 17	0 23	6 38	0 27	19 14	0 47	22 2	1 14	16 48	0 27	15 51	0 17	16 2	6 43	0 12	0 2	15 5	3 29	5 39
T 15	2 30	12 51	3 51	1 29	3 29	13 56	0 25	6 56	0 26	19 17	0 47	22 2	1 14	16 48	0 27	15 51	0 17	16 2	6 42	0 12	0 1	15 4	3 27	5 39
F 16	2 6	15 25	4 35	1 59	3 21	13 34	0 28	7 14	0 26	19 19	0 46	22 2	1 14	16 47	0 27	15 50	0 17	16 2	6 42	0 12	0n 0	15 3	3 26	5 39
S 17	1 42	17 10	5 4	2 30	3 12	13 12	0 31	7 32	0 25	19 21	0 46	22 2	1 14	16 47	0 27	15 50	0 17	16 3	6 42	0 12	0 2	15 2	3 24	5 39
S 18	1 18	17 58	5 17	3 0	3 2	12 49	0 34	7 50	0 24	19 23	0 46	22 3	1 13	16 47	0 27	15 49	0 17	16 3	6 42	0 12	0 3	15 1	3 23	5 39
M19	0 55	17 40	5 11	3 28	2 50	12 26	0 36	8 8	0 23	19 25	0 46	22 3	1 13	16 46	0 27	15 49	0 17	16 3	6 42	0 12	0 4	15 0	3 21	5 39
T 20	0 31	16 15	4 46	3 55	2 37	12 3	0 39	8 26	0 23	19 28	0 46	22 3	1 13	16 46	0 27	15 48	0 17	16 3	6 41	0 12	0 5	14 59	3 19	5 39
W21	0 7	13 47	4 2	4 20	2 24	11 39	0 41	8 43	0 22	19 30	0 45	22 3	1 13	16 45	0 27	15 47	0 17	16 4	6 41	0 12	0 7	14 57	3 18	5 40
T 22	0n17	10 25	3 3	4 43	2 10	11 15	0 44	9 1	0 21	19 32	0 45	22 4	1 13	16 45	0 27	15 47	0 17	16 4	6 41	0 12	0 8	14 56	3 16	5 40
F 23	0 41	6 23	1 51	5 3	1 56	10 51	0 46	9 18	0 21	19 34	0 45	22 4	1 12	16 45	0 27	15 46	0 17	16 4	6 41	0 12	0 9	14 55	3 15	5 40
S 24	1 4	1 59	0 32	5 21	1 41	10 27	0 49	9 36	0 20	19 37	0 45	22 4	1 12	16 44	0 27	15 46	0 17	16 4	6 41	0 12	0 10	14 54	3 13	5 40
S 25	1 28	2s28	0n47	5 36	1 27	10 2	0 51	9 53	0 19	19 39	0 45	22 4	1 12	16 44	0 28	15 45	0 17	16 4	6 40	0 12	0 12	14 53	3 12	5 40
M26	1 52	6 41	2 3	5 49	1 13	9 37	0 53	10 10	0 18	19 41	0 44	22 5	1 12	16 43	0 28	15 45	0 17	16 5	6 40	0 12	0 13	14 52	3 10	5 40
T 27	2 15	10 27	3 9	5 59	0 58	9 11	0 56	10 27	0 18	19 44	0 44	22 5	1 11	16 43	0 28	15 45	0 17	16 5	6 40	0 12	0 14	14 51	3 8	5 40
W28	2 39	13 33	4 3	6 7	0 45	8 46	0 58	10 44	0 17	19 46	0 44	22 5	1 11	16 42	0 28	15 44	0 17	16 5	6 40	0 12	0 16	14 50	3 7	5 40
T 29	3 3	15 53	4 42	6 12	0 31	8 20	1 0	11 1	0 16	19 48	0 44	22 5	1 11	16 42	0 28	15 44	0 17	16 5	6 40	0 13	0 17	14 49	3 5	5 40
F 30	3 26	17 22	5 7	6 15	0 18	7 54	1 2	11 18	0 16	19 51	0 44	22 6	1 11	16 41	0 28	15 43	0 17	16 5	6 39	0 13	0 18	14 48	3 4	5 40
S 31	3n50	17s59	5n17	6s16	0n 5	7s27	1s 4	11n34	0s15	19n53	0s44	22n 6	1s11	16s41	0n28	15s43	0n17	16n 6	6s39	0n13	0n19	14s47	3s 2	5n41

Julian Day Number = 2871997.5, Delta T = 01h12m29s
Ecliptic obliquity = 23°17'16, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°51'39, Lahiri = 39°58'39

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ASTRODIENST EPHEMERIS for the year 3151
geocentric

APRIL 3151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 36 0	10♈42'49	9♉25	14♓19	14♓40	1♉55	3♊ 1	28♊18	18°R 7	15♒52	12♋20	29°D26	29♍ 8	5♒26	8♓38	S 1
M 2	12 39 56	11°42'41	21°21	14°57	15°54	2°41	3°12	28°21	18♏ 5	15°54	12°20	29♍26	29° 5	5°32	8°42	M 2
T 3	12 43 53	12°42'31	3♒12	15°39	17° 8	3°26	3°24	28°25	18° 3	15°55	12°21	29°27	29° 2	5°39	8°45	T 3
W 4	12 47 50	13°42'20	15° 3	16°24	18°22	4°12	3°35	28°29	18° 1	15°56	12°21	29°28	28°59	5°46	8°49	W 4
T 5	12 51 46	14°42'07	26°58	17°13	19°36	4°58	3°47	28°33	17°59	15°58	12°21	29°30	28°55	5°52	8°53	T 5
F 6	12 55 43	15°41'53	9♓ 1	18° 5	20°50	5°43	3°58	28°36	17°57	15°59	12°21	29°31	28°52	5°59	8°57	F 6
S 7	12 59 39	16°41'36	21°15	19° 1	22° 4	6°29	4°10	28°40	17°55	16° 1	12°21	29°32	28°49	6° 6	9° 0	S 7
S 8	13 3 36	17°41'18	3♈43	19°59	23°18	7°14	4°22	28°44	17°53	16° 2	12°22	29°R32	28°46	6°12	9° 4	S 8
M 9	13 7 32	18°40'58	16°27	21° 0	24°32	8° 0	4°34	28°49	17°51	16° 3	12°22	29°31	28°43	6°19	9° 8	M 9
T 10	13 11 29	19°40'36	29°26	22° 3	25°46	8°45	4°46	28°53	17°48	16° 4	12°22	29°29	28°39	6°26	9°11	T 10
W11	13 15 25	20°40'13	12♉40	23° 9	27° 0	9°31	4°58	28°57	17°46	16° 6	12°22	29°27	28°36	6°33	9°15	W11
T 12	13 19 22	21°39'47	26° 9	24°17	28°14	10°16	5°10	29° 2	17°44	16° 7	12°23	29°23	28°33	6°39	9°19	T 12
F 13	13 23 18	22°39'19	9♊50	25°28	29°28	11° 1	5°22	29° 6	17°42	16° 8	12°23	29°20	28°30	6°46	9°22	F 13
S 14	13 27 15	23°38'49	23°42	26°40	0♈42	11°47	5°35	29°11	17°40	16° 9	12°24	29°17	28°27	6°53	9°26	S 14
S 15	13 31 12	24°38'16	7♋41	27°55	1°56	12°32	5°47	29°15	17°37	16°10	12°24	29°15	28°24	6°59	9°29	S 15
M16	13 35 8	25°37'42	21°48	29°12	3°10	13°17	5°59	29°20	17°35	16°11	12°24	29°D14	28°20	7° 6	9°32	M16
T 17	13 39 5	26°37'05	5♌59	0♈30	4°24	14° 2	6°12	29°25	17°33	16°12	12°25	29°14	28°17	7°13	9°36	T 17
W18	13 43 1	27°36'25	20°12	1°50	5°38	14°47	6°25	29°30	17°30	16°13	12°25	29°15	28°14	7°19	9°39	W18
T 19	13 46 58	28°35'44	4♍25	3°12	6°52	15°32	6°37	29°35	17°28	16°14	12°26	29°17	28°11	7°26	9°42	T 19
F 20	13 50 54	29°35'00	18°37	4°36	8° 6	16°17	6°50	29°40	17°25	16°15	12°26	29°18	28° 8	7°33	9°45	F 20
S 21	13 54 51	0♉34'14	2♎44	6° 1	9°20	17° 2	7° 3	29°45	17°23	16°16	12°27	29°R18	28° 5	7°39	9°49	S 21
S 22	13 58 47	1°33'25	16°42	7°28	10°34	17°47	7°16	29°50	17°21	16°17	12°27	29°17	28° 1	7°46	9°52	S 22
M23	14 2 44	2°32'35	0♏28	8°56	11°48	18°32	7°28	29°56	17°18	16°18	12°28	29°15	27°58	7°53	9°55	M23
T 24	14 6 41	3°31'43	14° 0	10°27	13° 2	19°16	7°41	0♋ 1	17°16	16°19	12°29	29°10	27°55	7°59	9°58	T 24
W25	14 10 37	4°30'49	27°14	11°58	14°16	20° 1	7°54	0° 6	17°13	16°20	12°29	29° 5	27°52	8° 6	10° 1	W25
T 26	14 14 34	5°29'53	10♐10	13°31	15°30	20°46	8° 7	0°12	17°11	16°21	12°30	28°58	27°49	8°13	10° 4	T 26
F 27	14 18 30	6°28'55	22°47	15° 6	16°44	21°30	8°21	0°17	17° 8	16°21	12°31	28°52	27°45	8°20	10° 7	F 27
S 28	14 22 27	7°27'56	5♑ 8	16°43	17°58	22°15	8°34	0°23	17° 6	16°22	12°31	28°47	27°42	8°26	10°10	S 28
S 29	14 26 23	8°26'55	17°16	18°20	19°12	22°59	8°47	0°29	17° 3	16°23	12°32	28°43	27°39	8°33	10°12	S 29
M30	14 30 20	9♉25'52	29♑13	20♈ 0	20♈26	23♉44	9♊ 0	0♋35	17♏ 1	16♒23	12♋33	28♍41	27♍36	8♒40	10♓15	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n13	17s46	5n12	6s14	0s 7	7s 1	1s 6	11n51	0s14	19n55	0s43	22n 6	1s10	16s40	0n28	15s42	0n17	16n 6	6s39	0n13	0n21	14s46	3s 1	5n41
M 2	4 36	16 46	4 54	6 11	0 19	6 34	1 8	12 7	0 13	19 57	0 43	22 6	1 10	16 40	0 28	15 42	0 17	16 6	6 39	0 13	0 22	14 45	2 59	5 41
T 3	4 59	15 2	4 24	6 5	0 30	6 7	1 9	12 23	0 13	20 0	0 43	22 7	1 10	16 39	0 28	15 41	0 17	16 6	6 39	0 13	0 23	14 44	2 57	5 41
W 4	5 22	12 41	3 42	5 58	0 41	5 40	1 11	12 39	0 12	20 2	0 43	22 7	1 10	16 39	0 28	15 41	0 17	16 6	6 38	0 13	0 24	14 43	2 56	5 41
T 5	5 46	9 46	2 51	5 48	0 51	5 13	1 13	12 55	0 11	20 4	0 43	22 7	1 10	16 38	0 28	15 41	0 17	16 6	6 38	0 12	0 26	14 41	2 54	5 41
F 6	6 8	6 25	1 51	5 37	1 1	4 45	1 15	13 11	0 11	20 7	0 42	22 7	1 9	16 38	0 28	15 40	0 17	16 7	6 38	0 11	0 27	14 40	2 53	5 41
S 7	6 31	2 45	0 46	5 24	1 11	4 18	1 16	13 26	0 10	20 9	0 42	22 8	1 9	16 37	0 28	15 40	0 17	16 7	6 38	0 11	0 28	14 39	2 51	5 41
S 8	6 54	1n 7	0s23	5 10	1 19	3 50	1 18	13 42	0 9	20 11	0 42	22 8	1 9	16 37	0 28	15 39	0 17	16 7	6 38	0 11	0 29	14 38	2 50	5 42
M 9	7 17	5 0	1 32	4 54	1 28	3 22	1 19	13 57	0 8	20 14	0 42	22 8	1 9	16 36	0 28	15 39	0 17	16 7	6 37	0 11	0 31	14 37	2 48	5 42
T 10	7 39	8 44	2 38	4 36	1 36	2 54	1 20	14 12	0 8	20 16	0 42	22 8	1 9	16 35	0 28	15 39	0 17	16 7	6 37	0 12	0 32	14 36	2 47	5 42
W11	8 1	12 7	3 36	4 17	1 43	2 26	1 22	14 27	0 7	20 18	0 42	22 9	1 8	16 35	0 28	15 38	0 17	16 8	6 37	0 13	0 33	14 35	2 45	5 42
T 12	8 24	14 54	4 23	3 56	1 50	1 58	1 23	14 42	0 6	20 21	0 41	22 9	1 8	16 34	0 28	15 38	0 17	16 8	6 37	0 14	0 34	14 34	2 44	5 42
F 13	8 46	16 54	4 56	3 34	1 56	1 30	1 24	14 57	0 6	20 23	0 41	22 9	1 8	16 34	0 28	15 38	0 17	16 8	6 37	0 16	0 36	14 33	2 43	5 43
S 14	9 7	17 56	5 13	3 11	2 2	1 1	1 25	15 12	0 5	20 25	0 41	22 9	1 8	16 33	0 28	15 37	0 17	16 8	6 36	0 17	0 37	14 32	2 41	5 43
S 15	9 29	17 54	5 11	2 46	2 7	0 33	1 26	15 26	0 4	20 28	0 41	22 9	1 8	16 32	0 28	15 37	0 17	16 8	6 36	0 18	0 38	14 31	2 40	5 43
M16	9 51	16 45	4 50	2 20	2 12	0 5	1 27	15 40	0 4	20 30	0 41	22 10	1 7	16 32	0 28	15 37	0 17	16 8	6 36	0 18	0 39	14 29	2 38	5 43
T 17	10 12	14 35	4 12	1 53	2 16	0n24	1 28	15 54	0 3	20 32	0 41	22 10	1 7	16 31	0 28	15 36	0 17	16 8	6 36	0 18	0 41	14 28	2 37	5 43
W18	10 33	11 31	3 18	1 25	2 20	0 52	1 29	16 8	0 2	20 35	0 41	22 10	1 7	16 30	0 28	15 36	0 17	16 9	6 36	0 18	0 42	14 27	2 35	5 43
T 19	10 54	7 46	2 12	0 56	2 24	1 20	1 29	16 22	0 2	20 37	0 40	22 10	1 7	16 30	0 28	15 36	0 17	16 9	6 36	0 17	0 43	14 26	2 34	5 44
F 20	11 15	3 35	0 58	0 26	2 26	1 49	1 30	16 35	0 1	20 39	0 40	22 10	1 7	16 29	0 28	15 35	0 17	16 9	6 35	0 17	0 44	14 25	2 33	5 44
S 21	11 36	0s47	0n19	0n 6	2 29	2 17	1 31	16 49	0 0	20 41	0 40	22 11	1 7	16 28	0 28	15 35	0 17	16 9	6 35	0 16	0 46	14 24	2 31	5 44
S 22	11 56	5 5	1 34	0 38	2 31	2 45	1 31	17 2	0n 1	20 44	0 40	22 11	1 6	16 28	0 28	15 35	0 17	16 9	6 35	0 17	0 47	14 23	2 30	5 44
M23	12 17	9 2	2 42	1 11	2 32	3 14	1 32	17 15	0 1	20 46	0 40	22 11	1 6	16 27	0 28	15 35	0 17	16 9	6 35	0 18	0 48	14 22	2 29	5 45
T 24	12 37	12 26	3 40	1 46	2 33	3 42	1 32	17 28	0 2	20 48	0 40	22 11	1 6	16 26	0 28	15 34	0 17	16 9	6 35	0 20	0 49	14 20	2 27	5 45
W25	12 57	15 7	4 24	2 21	2 33	4 10	1 32	17 41	0 3	20 50	0 40	22 11	1 6	16 26	0 28	15 34	0 17	16 10	6 34	0 22	0 51	14 19	2 26	5 45
T 26	13 16	16 59	4 54	2 57	2 33	4 38	1 33	17 53	0 3	20 53	0 39	22 12	1 6	16 25	0 28	15 34	0 17	16 10	6 34	0 24	0 52	14 18	2 25	5 45
F 27	13 36	17 57	5 9	3 34	2 33	5 6	1 33	18 5	0 4	20 55	0 39	22 12	1 6	16 24	0 28	15 34	0 17	16 10	6 34	0 27	0 53	14 17	2 23	5 46
S 28	13 55	18 3	5 9	4 11	2 32	5 34	1 33	18 17	0 5	20 57	0 39	22 12	1 5	16 23	0 28	15 33	0 17	16 10	6 34	0 29	0 54	14 16	2 22	5 46
S 29	14 14	17 19	4 55	4 50	2 30	6 2	1 33	18 29	0 5	20 59	0 39	22 12	1 5	16 23	0 28	15 33	0 17	16 10	6 34	0 30	0 56	14 15	2 21	5 46
M30	14n33	15s49	4n28	5n29	2s28	6n30	1s33	18n41	0n 6	21n 1	0s39	22n12	1s 5	16s22	0n28	15s33	0n17	16n10	6s33	0n31	0n57	14s14	2s19	5n46

Julian Day Number = 2872028.5, Delta T = 01h12m29s
Ecliptic obliquity = 23°17'16, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°51'43, Lahiri = 39°58'43

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ASTRODIENST EPHEMERIS for the year 3151
geocentric

MAY 3151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 34 16	10♉24'47	11♒ 4	21♈41	21♈40	24♉28	9♊14	0♋40	16°R58	16♒24	12♋33	28°D40	27♍33	8♒46	10♓18	T 1
W 2	14 38 13	11°23'41	22°55	23°23	22°54	25°13	9°27	0°46	16♏56	16°24	12°34	28♍41	27°30	8°53	10°20	W 2
T 3	14 42 10	12°22'33	4♓51	25° 7	24° 8	25°57	9°40	0°52	16°53	16°25	12°35	28°42	27°26	9° 0	10°23	T 3
F 4	14 46 6	13°21'23	16°56	26°53	25°22	26°41	9°54	0°58	16°50	16°26	12°36	28°43	27°23	9° 6	10°26	F 4
S 5	14 50 3	14°20'11	29°15	28°40	26°35	27°26	10° 7	1° 4	16°48	16°26	12°37	28°R44	27°20	9°13	10°28	S 5
S 6	14 53 59	15°18'58	11♈52	0♉29	27°49	28°10	10°21	1°11	16°45	16°26	12°37	28°43	27°17	9°20	10°31	S 6
M 7	14 57 56	16°17'43	24°49	2°19	29° 3	28°54	10°34	1°17	16°43	16°27	12°38	28°40	27°14	9°26	10°33	M 7
T 8	15 1 52	17°16'26	8♉ 8	4°11	0♉17	29°38	10°48	1°23	16°40	16°27	12°39	28°35	27°10	9°33	10°35	T 8
W 9	15 5 49	18°15'08	21°46	6° 4	1°31	0♊22	11° 2	1°29	16°38	16°28	12°40	28°28	27° 7	9°40	10°38	W 9
T 10	15 9 45	19°13'48	5♊42	7°59	2°45	1° 6	11°15	1°36	16°35	16°28	12°41	28°20	27° 4	9°47	10°40	T 10
F 11	15 13 42	20°12'25	19°51	9°56	3°59	1°50	11°29	1°42	16°32	16°28	12°42	28°11	27° 1	9°53	10°42	F 11
S 12	15 17 39	21°11'01	4♋ 8	11°54	5°13	2°34	11°43	1°49	16°30	16°28	12°43	28° 4	26°58	10° 0	10°44	S 12
S 13	15 21 35	22° 9'35	18°28	13°54	6°27	3°18	11°57	1°55	16°27	16°29	12°44	27°58	26°55	10° 7	10°46	S 13
M14	15 25 32	23° 8'06	2♌47	15°55	7°41	4° 2	12°10	2° 2	16°25	16°29	12°45	27°54	26°51	10°13	10°48	M14
T 15	15 29 28	24° 6'35	17° 1	17°58	8°54	4°45	12°24	2° 9	16°22	16°29	12°46	27°52	26°48	10°20	10°50	T 15
W16	15 33 25	25° 5'03	1♍ 8	20° 2	10° 8	5°29	12°38	2°15	16°20	16°29	12°47	27°D52	26°45	10°27	10°52	W16
T 17	15 37 21	26° 3'28	15° 6	22° 8	11°22	6°13	12°52	2°22	16°17	16°29	12°48	27°53	26°42	10°33	10°54	T 17
F 18	15 41 18	27° 1'51	28°57	24°14	12°36	6°56	13° 6	2°29	16°15	16°29	12°49	27°R53	26°39	10°40	10°56	F 18
S 19	15 45 14	28° 0'12	12♎38	26°22	13°50	7°40	13°20	2°36	16°12	16°R29	12°50	27°52	26°36	10°47	10°57	S 19
S 20	15 49 11	28°58'30	26°10	28°31	15° 4	8°23	13°34	2°43	16°10	16°29	12°51	27°49	26°32	10°53	10°59	S 20
M21	15 53 8	29°56'48	9♏32	0♊40	16°17	9° 7	13°48	2°50	16° 7	16°29	12°52	27°43	26°29	11° 0	11° 1	M21
T 22	15 57 4	0♊55'03	22°42	2°49	17°31	9°50	14° 2	2°57	16° 5	16°29	12°53	27°35	26°26	11° 7	11° 2	T 22
W23	16 1 1	1°53'16	5♐39	4°59	18°45	10°33	14°16	3° 4	16° 2	16°29	12°54	27°24	26°23	11°13	11° 4	W23
T 24	16 4 57	2°51'28	18°23	7° 9	19°59	11°17	14°30	3°11	16° 0	16°29	12°55	27°13	26°20	11°20	11° 5	T 24
F 25	16 8 54	3°49'39	0♑52	9°19	21°13	12° 0	14°44	3°18	15°57	16°29	12°56	27° 1	26°16	11°27	11° 6	F 25
S 26	16 12 50	4°47'48	13° 9	11°28	22°26	12°43	14°58	3°25	15°55	16°29	12°58	26°51	26°13	11°33	11° 8	S 26
S 27	16 16 47	5°45'55	25°13	13°36	23°40	13°26	15°12	3°32	15°53	16°28	12°59	26°42	26°10	11°40	11° 9	S 27
M28	16 20 43	6°44'01	7♒ 9	15°43	24°54	14° 9	15°26	3°39	15°50	16°28	13° 0	26°36	26° 7	11°47	11°10	M28
T 29	16 24 40	7°42'05	18°59	17°49	26° 8	14°52	15°40	3°47	15°48	16°28	13° 1	26°32	26° 4	11°54	11°11	T 29
W30	16 28 37	8°40'08	0♓49	19°52	27°22	15°35	15°55	3°54	15°46	16°27	13° 2	26°30	26° 1	12° 0	11°12	W30
T 31	16 32 33	9♊38'10	12♓44	21♊54	28♉35	16♊18	16♊ 9	4♋ 1	15♏43	16♒27	13♋ 4	26°D30	25♍57	12♒ 7	11♓13	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	14n51	13s39	3n50	6n 9	2s25	6n57	1s33	18n53	0n 7	21n 3	0s39	22n12	1s 5	16s21	0n28	15s33	0n17	16n10	6s33	0n32	0n58	14s13	2s18	5n46	
W 2	15 9	10 55	3 2	6 49	2 22	7 25	1 33	19 4	0 7	21 5	0 39	22 12	1 5	16 21	0 28	15 33	0 17	16 10	6 33	0 31	0 59	14 11	2 17	5 47	
T 3	15 27	7 43	2 6	7 30	2 19	7 52	1 32	19 15	0 8	21 8	0 38	22 13	1 5	16 20	0 28	15 32	0 17	16 11	6 33	0 31	1 1	14 10	2 16	5 47	
F 4	15 45	4 9	1 4	8 12	2 15	8 19	1 32	19 26	0 9	21 10	0 38	22 13	1 4	16 19	0 28	15 32	0 17	16 11	6 33	0 30	1 2	14 9	2 15	5 47	
S 5	16 2	0 20	0s 3	8 54	2 10	8 46	1 32	19 37	0 9	21 12	0 38	22 13	1 4	16 19	0 28	15 32	0 17	16 11	6 33	0 30	1 3	14 8	2 13	5 48	
S 6	16 20	3n35	1 10	9 37	2 5	9 13	1 31	19 47	0 10	21 14	0 38	22 13	1 4	16 18	0 28	15 32	0 17	16 11	6 32	0 30	1 4	14 7	2 12	5 48	
M 7	16 36	7 26	2 16	10 20	1 59	9 39	1 31	19 57	0 11	21 16	0 38	22 13	1 4	16 17	0 28	15 32	0 17	16 11	6 32	0 32	1 6	14 6	2 11	5 48	
T 8	16 53	11 2	3 16	11 3	1 53	10 5	1 30	20 8	0 11	21 18	0 38	22 13	1 4	16 16	0 28	15 32	0 17	16 11	6 32	0 34	1 7	14 5	2 10	5 48	
W 9	17 9	14 7	4 6	11 47	1 47	10 32	1 30	20 17	0 12	21 20	0 38	22 13	1 4	16 16	0 28	15 32	0 17	16 11	6 32	0 36	1 8	14 3	2 9	5 49	
T 10	17 25	16 28	4 43	12 30	1 40	10 57	1 29	20 27	0 12	21 22	0 38	22 13	1 3	16 15	0 28	15 32	0 17	16 11	6 32	0 40	1 10	14 2	2 8	5 49	
F 11	17 41	17 52	5 3	13 14	1 32	11 23	1 28	20 37	0 13	21 24	0 38	22 13	1 3	16 14	0 28	15 32	0 17	16 11	6 32	0 43	1 11	14 1	2 7	5 49	
S 12	17 56	18 9	5 5	13 58	1 25	11 48	1 27	20 46	0 14	21 26	0 37	22 13	1 3	16 13	0 28	15 31	0 17	16 11	6 31	0 46	1 12	14 0	2 6	5 49	
S 13	18 12	17 17	4 47	14 42	1 16	12 13	1 26	20 55	0 14	21 28	0 37	22 13	1 3	16 13	0 28	15 31	0 17	16 11	6 31	0 48	1 13	13 59	2 5	5 50	
M14	18 26	15 20	4 12	15 25	1 8	12 38	1 25	21 4	0 15	21 30	0 37	22 13	1 3	16 12	0 27	15 31	0 17	16 11	6 31	0 50	1 15	13 58	2 4	5 50	
T 15	18 41	12 27	3 21	16 8	0 59	13 3	1 24	21 12	0 16	21 32	0 37	22 14	1 3	16 11	0 27	15 31	0 17	16 12	6 31	0 51	1 16	13 56	2 3	5 50	
W16	18 55	8 51	2 18	16 51	0 49	13 27	1 23	21 21	0 16	21 33	0 37	22 14	1 3	16 11	0 27	15 31	0 17	16 12	6 31	0 51	1 17	13 55	2 2	5 51	
T 17	19 9	4 47	1 8	17 33	0 39	13 51	1 22	21 29	0 17	21 35	0 37	22 14	1 2	16 10	0 27	15 31	0 17	16 12	6 31	0 50	1 18	13 54	2 1	5 51	
F 18	19 22	0 30	0n 6	18 14	0 29	14 14	1 21	21 37	0 17	21 37	0 37	22 14	1 2	16 9	0 27	15 31	0 17	16 12	6 30	0 50	1 20	13 53	2 0	5 51	
S 19	19 35	3s46	1 18	18 54	0 19	14 37	1 20	21 45	0 18	21 39	0 37	22 14	1 2	16 9	0 27	15 31	0 17	16 12	6 30	0 51	1 21	13 52	1 59	5 52	
S 20	19 48	7 47	2 25	19 33	0 9	15 0	1 19	21 52	0 19	21 41	0 37	22 14	1 2	16 8	0 27	15 31	0 17	16 12	6 30	0 52	1 22	13 50	1 58	5 52	
M21	20 1	11 22	3 23	20 11	0n 2	15 22	1 17	22 0	0 19	21 43	0 36	22 14	1 2	16 7	0 27	15 31	0 17	16 12	6 30	0 54	1 23	13 49	1 57	5 52	
T 22	20 13	14 19	4 9	20 47	0 12	15 44	1 16	22 7	0 20	21 44	0 36	22 14	1 2	16 6	0 27	15 31	0 17	16 12	6 30	0 57	1 25	13 48	1 56	5 52	
W23	20 25	16 29	4 42	21 22	0 23	16 6	1 14	22 14	0 21	21 46	0 36	22 14	1 2	16 6	0 27	15 31	0 17	16 12	6 30	1 1	1 26	13 47	1 55	5 53	
T 24	20 36	17 49	4 59	21 55	0 33	16 27	1 13	22 20	0 21	21 48	0 36	22 14	1 1	16 5	0 27	15 31	0 17	16 12	6 30	1 6	1 27	13 46	1 55	5 53	
F 25	20 47	18 15	5 2	22 25	0 43	16 48	1 11	22 27	0 22	21 49	0 36	22 13	1 1	16 4	0 27	15 31	0 17	16 12	6 29	1 11	1 28	13 45	1 54	5 53	
S 26	20 58	17 49	4 51	22 54	0 53	17 8	1 10	22 33	0 22	21 51	0 36	22 13	1 1	16 4	0 27	15 31	0 17	16 12	6 29	1 15	1 30	13 43	1 53	5 54	
S 27	21 8	16 35	4 27	23 20	1 3	17 28	1 8	22 39	0 23	21 53	0 36	22 13	1 1	16 3	0 27	15 32	0 17	16 12	6 29	1 18	1 31	13 42	1 52	5 54	
M28	21 18	14 39	3 51	23 44	1 12	17 48	1 6	22 45	0 23	21 54	0 36	22 13	1 1	16 2	0 27	15 32	0 17	16 12	6 29	1 21	1 32	13 41	1 51	5 54	
T 29	21 27	12 6	3 6	24 5	1 21	18 7	1 5	22 50	0 24	21 56	0 36	22 13	1 1	16 2	0 27	15 32	0 17	16 12	6 29	1 22	1 33	13 40	1 51	5 55	
W30	21 37	9 3	2 12	24 24	1 30	18 26	1 3	22 55	0 25	21 58	0 36	22 13	1 1	16 1	0 27	15 32	0 17	16 12	6 29	1 23	1 35	13 39	1 50	5 55	
T 31	21n45	5s37	1n13	24n40	1n37	18n44	1s 1	23n 0	0n25	21n59	0s35	22n13	1s 1	16s 0	0n27	15s32	0n17	16n12	6s29	1n23	1n36	13s37	1s49	5n55	

Julian Day Number = 2872058.5, Delta T = 01h12m30s
Ecliptic obliquity = 23°17'16, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°51'47, Lahiri = 39°58'47

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ASTRODIENST EPHEMERIS for the year 3151
geocentric

JUNE 3151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 36 30	10♊36'11	24♓48	23♊54	29♉49	17♊ 1	16♊23	4♋ 8	15°R41	16°R27	13♋ 5	26°R30	25♍54	12♒14	11♓14	F 1
S 2	16 40 26	11°34'10	7♈ 8	25°51	1♊ 3	17°44	16°37	4°16	15♏39	16♒26	13° 6	26♍30	25°51	12°20	11°15	S 2
S 3	16 44 23	12°32'08	19°48	27°46	2°17	18°26	16°51	4°23	15°37	16°26	13° 7	26°28	25°48	12°27	11°16	S 3
M 4	16 48 19	13°30'05	2♉52	29°37	3°30	19° 9	17° 5	4°31	15°34	16°25	13° 9	26°24	25°45	12°34	11°17	M 4
T 5	16 52 16	14°28'01	16°21	1♋26	4°44	19°52	17°19	4°38	15°32	16°25	13°10	26°17	25°42	12°40	11°17	T 5
W 6	16 56 12	15°25'55	0♊16	3°12	5°58	20°34	17°34	4°46	15°30	16°24	13°11	26° 7	25°38	12°47	11°18	W 6
T 7	17 0 9	16°23'48	14°34	4°55	7°12	21°17	17°48	4°53	15°28	16°24	13°12	25°57	25°35	12°54	11°18	T 7
F 8	17 4 6	17°21'40	29° 8	6°35	8°25	22° 0	18° 2	5° 1	15°26	16°23	13°14	25°45	25°32	13° 0	11°19	F 8
S 9	17 8 2	18°19'30	13♋51	8°12	9°39	22°42	18°16	5° 8	15°24	16°22	13°15	25°35	25°29	13° 7	11°19	S 9
S 10	17 11 59	19°17'19	28°36	9°45	10°53	23°25	18°30	5°16	15°22	16°22	13°16	25°26	25°26	13°14	11°20	S 10
M11	17 15 55	20°15'06	13♌15	11°15	12° 7	24° 7	18°45	5°23	15°20	16°21	13°18	25°20	25°22	13°20	11°20	M11
T 12	17 19 52	21°12'52	27°43	12°42	13°20	24°49	18°59	5°31	15°18	16°20	13°19	25°17	25°19	13°27	11°20	T 12
W13	17 23 48	22°10'36	11♍55	14° 5	14°34	25°32	19°13	5°39	15°16	16°19	13°20	25°15	25°16	13°34	11°20	W13
T 14	17 27 45	23° 8'18	25°52	15°25	15°48	26°14	19°27	5°46	15°14	16°19	13°22	25°15	25°13	13°40	11°21	T 14
F 15	17 31 41	24° 5'59	9♎33	16°41	17° 2	26°56	19°41	5°54	15°12	16°18	13°23	25°15	25°10	13°47	11°R21	F 15
S 16	17 35 38	25° 3'39	22°59	17°54	18°15	27°38	19°55	6° 2	15°11	16°17	13°24	25°13	25° 7	13°54	11°21	S 16
S 17	17 39 35	26° 1'17	6♏12	19° 3	19°29	28°20	20° 9	6° 9	15° 9	16°16	13°26	25° 9	25° 3	14° 0	11°21	S 17
M18	17 43 31	26°58'53	19°13	20° 9	20°43	29° 2	20°23	6°17	15° 7	16°15	13°27	25° 2	25° 0	14° 7	11°20	M18
T 19	17 47 28	27°56'29	2♐ 2	21°11	21°56	29°44	20°38	6°25	15° 5	16°14	13°28	24°53	24°57	14°14	11°20	T 19
W20	17 51 24	28°54'03	14°41	22° 9	23°10	0♋26	20°52	6°32	15° 4	16°13	13°30	24°41	24°54	14°21	11°20	W20
T 21	17 55 21	29°51'36	27° 8	23° 3	24°24	1° 8	21° 6	6°40	15° 2	16°12	13°31	24°28	24°51	14°27	11°20	T 21
F 22	17 59 17	0♋49'08	9♑25	23°54	25°38	1°50	21°20	6°48	15° 1	16°11	13°33	24°14	24°48	14°34	11°19	F 22
S 23	18 3 14	1°46'39	21°33	24°40	26°51	2°32	21°34	6°56	14°59	16°10	13°34	24° 2	24°44	14°41	11°19	S 23
S 24	18 7 10	2°44'10	3♒32	25°23	28° 5	3°13	21°48	7° 3	14°58	16° 9	13°35	23°52	24°41	14°47	11°18	S 24
M25	18 11 7	3°41'39	15°24	26° 1	29°19	3°55	22° 2	7°11	14°56	16° 8	13°37	23°44	24°38	14°54	11°18	M25
T 26	18 15 4	4°39'08	27°13	26°35	0♋32	4°37	22°16	7°19	14°55	16° 7	13°38	23°39	24°35	15° 1	11°17	T 26
W27	18 19 0	5°36'36	9♓ 1	27° 4	1°46	5°18	22°30	7°27	14°54	16° 6	13°40	23°36	24°32	15° 7	11°16	W27
T 28	18 22 57	6°34'03	20°55	27°29	3° 0	6° 0	22°44	7°35	14°52	16° 5	13°41	23°D35	24°28	15°14	11°16	T 28
F 29	18 26 53	7°31'29	2♈58	27°50	4°14	6°41	22°58	7°42	14°51	16° 4	13°43	23°R35	24°25	15°21	11°15	F 29
S 30	18 30 50	8♋28'56	15♈17	28♋ 6	5♋27	7♋23	23♊11	7♋50	14♏50	16♒ 3	13♋44	23♍35	24♍22	15♒27	11♓14	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n54	1s55	0n 9	24n53	1n44	19n 1	0s59	23n 5	0n26	22n 1	0s35	22n13	1s 0	16s 0	0n27	15s32	0n17	16n12	6s29	1n23	1n37	13s36	1s49	5n56
S 2	22 2	1n57	0s56	25 4	1 51	19 18	0 57	23 10	0 26	22 2	0 35	22 13	1 0	15 59	0 27	15 32	0 17	16 12	6 28	1 23	1 38	13 35	1 48	5 56
S 3	22 9	5 50	2 0	25 13	1 57	19 35	0 55	23 14	0 27	22 4	0 35	22 13	1 0	15 59	0 27	15 32	0 17	16 12	6 28	1 24	1 40	13 34	1 48	5 56
M 4	22 17	9 34	3 0	25 19	2 1	19 51	0 53	23 18	0 28	22 5	0 35	22 13	1 0	15 58	0 27	15 32	0 17	16 12	6 28	1 25	1 41	13 32	1 47	5 57
T 5	22 23	12 55	3 52	25 22	2 6	20 7	0 51	23 22	0 28	22 6	0 35	22 12	1 0	15 57	0 27	15 33	0 17	16 12	6 28	1 28	1 42	13 31	1 46	5 57
W 6	22 30	15 39	4 31	25 24	2 9	20 22	0 49	23 26	0 29	22 8	0 35	22 12	1 0	15 57	0 27	15 33	0 17	16 12	6 28	1 32	1 43	13 30	1 46	5 57
T 7	22 36	17 31	4 55	25 23	2 11	20 36	0 47	23 29	0 29	22 9	0 35	22 12	1 0	15 56	0 27	15 33	0 17	16 12	6 28	1 36	1 45	13 29	1 45	5 58
F 8	22 41	18 17	5 0	25 20	2 13	20 50	0 45	23 33	0 30	22 11	0 35	22 12	1 0	15 56	0 27	15 33	0 17	16 12	6 28	1 41	1 46	13 28	1 45	5 58
S 9	22 47	17 50	4 46	25 16	2 14	21 3	0 43	23 36	0 30	22 12	0 35	22 12	1 0	15 55	0 27	15 33	0 17	16 12	6 28	1 45	1 47	13 26	1 44	5 58
S 10	22 52	16 11	4 12	25 9	2 14	21 16	0 41	23 38	0 31	22 13	0 35	22 12	0 59	15 55	0 27	15 34	0 17	16 12	6 27	1 48	1 48	13 25	1 44	5 59
M11	22 56	13 30	3 23	25 1	2 13	21 28	0 38	23 41	0 31	22 14	0 35	22 11	0 59	15 54	0 27	15 34	0 17	16 12	6 27	1 51	1 50	13 24	1 44	5 59
T 12	23 0	10 0	2 20	24 52	2 11	21 39	0 36	23 43	0 32	22 16	0 34	22 11	0 59	15 53	0 27	15 34	0 17	16 12	6 27	1 52	1 51	13 23	1 43	5 59
W13	23 3	5 58	1 10	24 41	2 8	21 50	0 34	23 45	0 32	22 17	0 34	22 11	0 59	15 53	0 27	15 34	0 17	16 12	6 27	1 52	1 52	13 21	1 43	6 0
T 14	23 7	1 41	0n 3	24 28	2 5	22 1	0 32	23 47	0 33	22 18	0 34	22 11	0 59	15 52	0 27	15 34	0 17	16 12	6 27	1 53	1 53	13 20	1 43	6 0
F 15	23 9	2s37	1 15	24 15	2 1	22 10	0 29	23 49	0 34	22 19	0 34	22 10	0 59	15 52	0 27	15 35	0 17	16 12	6 27	1 53	1 55	13 19	1 42	6 0
S 16	23 12	6 42	2 21	24 0	1 56	22 19	0 27	23 50	0 34	22 20	0 34	22 10	0 59	15 51	0 27	15 35	0 17	16 12	6 27	1 53	1 56	13 18	1 42	6 0
S 17	23 14	10 23	3 18	23 45	1 49	22 28	0 25	23 51	0 35	22 22	0 34	22 10	0 59	15 51	0 27	15 35	0 17	16 12	6 27	1 55	1 57	13 17	1 42	6 1
M18	23 15	13 30	4 4	23 29	1 43	22 35	0 23	23 52	0 35	22 23	0 34	22 10	0 59	15 50	0 27	15 35	0 17	16 12	6 27	1 58	1 58	13 15	1 41	6 1
T 19	23 16	15 55	4 37	23 12	1 35	22 43	0 20	23 53	0 36	22 24	0 34	22 9	0 59	15 50	0 27	15 36	0 17	16 12	6 27	2 1	2 0	13 14	1 41	6 1
W20	23 17	17 31	4 56	22 54	1 26	22 49	0 18	23 53	0 36	22 25	0 34	22 9	0 59	15 50	0 27	15 36	0 17	16 12	6 27	2 6	2 1	13 13	1 41	6 2
T 21	23 17	18 16	5 0	22 36	1 17	22 55	0 15	23 54	0 37	22 26	0 34	22 9	0 58	15 49	0 27	15 36	0 17	16 12	6 26	2 11	2 2	13 12	1 41	6 2
F 22	23 17	18 8	4 50	22 17	1 7	23 0	0 13	23 54	0 37	22 27	0 34	22 9	0 58	15 49	0 27	15 37	0 17	16 12	6 26	2 16	2 3	13 10	1 41	6 2
S 23	23 17	17 11	4 27	21 59	0 56	23 4	0 11	23 54	0 38	22 28	0 34	22 8	0 58	15 48	0 27	15 37	0 17	16 12	6 26	2 21	2 5	13 9	1 41	6 3
S 24	23 16	15 29	3 52	21 40	0 45	23 8	0 8	23 53	0 38	22 29	0 34	22 8	0 58	15 48	0 27	15 37	0 17	16 12	6 26	2 25	2 6	13 8	1 40	6 3
M25	23 14	13 8	3 8	21 20	0 32	23 11	0 6	23 53	0 39	22 30	0 34	22 8	0 58	15 47	0 27	15 38	0 17	16 12	6 26	2 28	2 7	13 7	1 40	6 3
T 26	23 12	10 15	2 15	21 1	0 19	23 14	0 3	23 52	0 39	22 30	0 33	22 7	0 58	15 47	0 27	15 38	0 17	16 11	6 26	2 30	2 8	13 5	1 40	6 4
W27	23 10	6 57	1 17	20 42	0 6	23 15	0 1	23 51	0 40	22 31	0 33	22 7	0 58	15 47	0 27	15 38	0 17	16 11	6 26	2 31	2 10	13 4	1 40	6 4
T 28	23 8	3 22	0 14	20 23	0s 9	23 17	0n 1	23 49	0 40	22 32	0 33	22 7	0 58	15 46	0 27	15 39	0 17	16 11	6 26	2 32	2 11	13 3	1 40	6 4
F 29	23 5	0n25	0s50	20 5	0 24	23 17	0 4	23 48	0 41	22 33	0 33	22 6	0 58	15 46	0 27	15 39	0 17	16 11	6 26	2 32	2 12	13 1	1 40	6 4
S 30	23n 1	4n15	1s53	19n46	0s39	23n17	0n 6	23n46	0n41	22n34	0s33	22n 6	0s58	15s46	0n26	15s39	0n17	16n11	6s26	2n32	2n13	13s 0	1s40	6n 5

Julian Day Number = 2872089.5, Delta T = 01h12m31s
Ecliptic obliquity = 23°17'15, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°51'51, Lahiri = 39°58'52

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ASTRODIENST EPHEMERIS for the year 3151
geocentric

JULY 3151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 34 46	9♋26'21	27♈55	28♋18	6♋41	8♋ 4	23♊25	7♋58	14°R49	16°R 1	13♋45	23°R34	24♍19	15♒34	11°R13	S 1
M 2	18 38 43	10°23'46	10♉59	28°25	7°55	8°46	23°39	8° 6	14♏48	16♒ 0	13°47	23♍31	24°16	15°41	11♓12	M 2
T 3	18 42 39	11°21'11	24°30	28°R27	9° 8	9°27	23°53	8°13	14°47	15°59	13°48	23°25	24°13	15°47	11°11	T 3
W 4	18 46 36	12°18'35	8♊30	28°25	10°22	10° 8	24° 7	8°21	14°46	15°58	13°50	23°17	24° 9	15°54	11°10	W 4
T 5	18 50 33	13°15'59	22°57	28°19	11°36	10°49	24°20	8°29	14°45	15°56	13°51	23° 7	24° 6	16° 1	11° 9	T 5
F 6	18 54 29	14°13'23	7♋45	28° 8	12°50	11°31	24°34	8°37	14°44	15°55	13°53	22°57	24° 3	16° 7	11° 8	F 6
S 7	18 58 26	15°10'45	22°47	27°53	14° 3	12°12	24°48	8°44	14°43	15°54	13°54	22°48	24° 0	16°14	11° 6	S 7
S 8	19 2 22	16° 8'08	7♌52	27°34	15°17	12°53	25° 2	8°52	14°42	15°52	13°55	22°40	23°57	16°21	11° 5	S 8
M 9	19 6 19	17° 5'29	22°52	27°12	16°31	13°34	25°15	9° 0	14°41	15°51	13°57	22°34	23°54	16°27	11° 4	M 9
T 10	19 10 15	18° 2'50	7♍37	26°46	17°45	14°15	25°29	9° 8	14°41	15°50	13°58	22°32	23°50	16°34	11° 2	T 10
W11	19 14 12	19° 0'10	22° 3	26°18	18°58	14°56	25°42	9°15	14°40	15°48	14° 0	22°D31	23°47	16°41	11° 1	W11
T 12	19 18 9	19°57'29	6♎ 8	25°46	20°12	15°37	25°56	9°23	14°39	15°47	14° 1	22°31	23°44	16°47	10°59	T 12
F 13	19 22 5	20°54'47	19°50	25°14	21°26	16°18	26° 9	9°31	14°39	15°45	14° 3	22°R32	23°41	16°54	10°57	F 13
S 14	19 26 2	21°52'05	3♏12	24°39	22°40	16°59	26°23	9°38	14°38	15°44	14° 4	22°31	23°38	17° 1	10°56	S 14
S 15	19 29 58	22°49'22	16°16	24° 4	23°53	17°39	26°36	9°46	14°38	15°43	14° 5	22°29	23°34	17° 7	10°54	S 15
M16	19 33 55	23°46'39	29° 4	23°29	25° 7	18°20	26°49	9°54	14°37	15°41	14° 7	22°24	23°31	17°14	10°52	M16
T 17	19 37 51	24°43'55	11♐39	22°53	26°21	19° 1	27° 3	10° 1	14°37	15°40	14° 8	22°17	23°28	17°21	10°50	T 17
W18	19 41 48	25°41'10	24° 2	22°19	27°35	19°41	27°16	10° 9	14°37	15°38	14°10	22° 8	23°25	17°27	10°49	W18
T 19	19 45 44	26°38'26	6♑15	21°47	28°49	20°22	27°29	10°17	14°36	15°37	14°11	21°58	23°22	17°34	10°47	T 19
F 20	19 49 41	27°35'40	18°21	21°16	0♌ 2	21° 3	27°42	10°24	14°36	15°35	14°12	21°48	23°19	17°41	10°45	F 20
S 21	19 53 38	28°32'55	0♒19	20°49	1°16	21°43	27°55	10°32	14°36	15°34	14°14	21°38	23°15	17°47	10°43	S 21
S 22	19 57 34	29°30'10	12°12	20°24	2°30	22°24	28° 8	10°39	14°36	15°32	14°15	21°31	23°12	17°54	10°41	S 22
M23	20 1 31	0♌27'24	24° 1	20° 3	3°44	23° 4	28°21	10°47	14°D36	15°30	14°17	21°25	23° 9	18° 1	10°39	M23
T 24	20 5 27	1°24'39	5♓49	19°46	4°57	23°44	28°34	10°54	14°36	15°29	14°18	21°21	23° 6	18° 7	10°36	T 24
W25	20 9 24	2°21'53	17°39	19°34	6°11	24°25	28°47	11° 2	14°36	15°27	14°19	21°D20	23° 3	18°14	10°34	W25
T 26	20 13 20	3°19'08	29°34	19°25	7°25	25° 5	29° 0	11° 9	14°36	15°26	14°21	21°20	23° 0	18°21	10°32	T 26
F 27	20 17 17	4°16'23	11♈38	19°D22	8°39	25°45	29°13	11°16	14°36	15°24	14°22	21°21	22°56	18°27	10°30	F 27
S 28	20 21 13	5°13'38	23°57	19°24	9°53	26°26	29°25	11°24	14°37	15°23	14°23	21°23	22°53	18°34	10°27	S 28
S 29	20 25 10	6°10'54	6♉34	19°31	11° 6	27° 6	29°38	11°31	14°37	15°21	14°25	21°R23	22°50	18°41	10°25	S 29
M30	20 29 7	7° 8'10	19°34	19°43	12°20	27°46	29°51	11°38	14°37	15°19	14°26	21°22	22°47	18°47	10°23	M30
T 31	20 33 3	8♌ 5'26	3♊ 1	20♋ 0	13♌34	28♋26	0♋ 3	11♋46	14♏38	15♒18	14♋27	21♍20	22♍44	18♒54	10♓20	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n57	8n 0	2s52	19n29	0s55	23n16	0n 8	23n44	0n42	22n34	0s33	22n 5	0s58	15s45	0n26	15s40	0n17	16n11	6s26	2n32	2n15	12s59	1s40	6n 5
M 2	22 53	11 29	3 44	19 11	1 11	23 14	0 11	23 42	0 42	22 35	0 33	22 5	0 58	15 45	0 26	15 40	0 17	16 11	6 26	2 34	2 16	12 58	1 41	6 5
T 3	22 48	14 29	4 25	18 55	1 28	23 12	0 13	23 40	0 43	22 36	0 33	22 5	0 57	15 45	0 26	15 40	0 17	16 11	6 26	2 36	2 17	12 56	1 41	6 6
W 4	22 43	16 46	4 53	18 39	1 44	23 9	0 16	23 37	0 43	22 37	0 33	22 4	0 57	15 45	0 26	15 41	0 17	16 11	6 26	2 39	2 18	12 55	1 41	6 6
T 5	22 38	18 4	5 3	18 23	2 1	23 5	0 18	23 34	0 44	22 37	0 33	22 4	0 57	15 44	0 26	15 41	0 17	16 11	6 26	2 43	2 20	12 54	1 41	6 6
F 6	22 32	18 11	4 53	18 9	2 18	23 1	0 20	23 31	0 44	22 38	0 33	22 3	0 57	15 44	0 26	15 41	0 17	16 11	6 25	2 47	2 21	12 53	1 41	6 6
S 7	22 26	17 3	4 23	17 56	2 35	22 55	0 23	23 28	0 45	22 38	0 33	22 3	0 57	15 44	0 26	15 42	0 17	16 11	6 25	2 51	2 22	12 51	1 41	6 7
S 8	22 19	14 44	3 34	17 43	2 51	22 50	0 25	23 25	0 45	22 39	0 33	22 3	0 57	15 44	0 26	15 42	0 17	16 10	6 25	2 54	2 23	12 50	1 42	6 7
M 9	22 12	11 26	2 31	17 32	3 7	22 43	0 27	23 21	0 45	22 40	0 33	22 2	0 57	15 43	0 26	15 43	0 17	16 10	6 25	2 56	2 25	12 49	1 42	6 7
T 10	22 5	7 26	1 19	17 22	3 22	22 36	0 29	23 17	0 46	22 40	0 33	22 2	0 57	15 43	0 26	15 43	0 17	16 10	6 25	2 57	2 26	12 47	1 42	6 8
W11	21 57	3 6	0 2	17 12	3 37	22 29	0 32	23 14	0 46	22 41	0 33	22 1	0 57	15 43	0 26	15 43	0 17	16 10	6 25	2 57	2 27	12 46	1 43	6 8
T 12	21 49	1s19	1n12	17 5	3 51	22 20	0 34	23 9	0 47	22 41	0 33	22 1	0 57	15 43	0 26	15 44	0 17	16 10	6 25	2 57	2 28	12 45	1 43	6 8
F 13	21 40	5 32	2 21	16 58	4 3	22 11	0 36	23 5	0 47	22 41	0 32	22 0	0 57	15 43	0 26	15 44	0 17	16 10	6 25	2 57	2 30	12 44	1 43	6 8
S 14	21 31	9 22	3 20	16 53	4 15	22 1	0 38	23 0	0 48	22 42	0 32	22 0	0 57	15 43	0 26	15 45	0 17	16 10	6 25	2 57	2 31	12 42	1 44	6 9
S 15	21 22	12 39	4 7	16 48	4 25	21 51	0 40	22 56	0 48	22 42	0 32	21 59	0 57	15 43	0 26	15 45	0 17	16 10	6 25	2 58	2 32	12 41	1 44	6 9
M16	21 13	15 15	4 40	16 45	4 34	21 40	0 42	22 51	0 49	22 43	0 32	21 59	0 57	15 43	0 26	15 46	0 17	16 10	6 25	3 0	2 33	12 40	1 45	6 9
T 17	21 3	17 5	5 0	16 44	4 41	21 29	0 44	22 45	0 49	22 43	0 32	21 58	0 57	15 42	0 26	15 46	0 17	16 9	6 25	3 3	2 35	12 38	1 45	6 9
W18	20 52	18 5	5 5	16 43	4 47	21 16	0 46	22 40	0 49	22 43	0 32	21 58	0 57	15 42	0 26	15 47	0 17	16 9	6 25	3 6	2 36	12 37	1 45	6 10
T 19	20 42	18 13	4 56	16 44	4 52	21 3	0 48	22 35	0 50	22 44	0 32	21 57	0 56	15 42	0 26	15 47	0 17	16 9	6 25	3 10	2 37	12 36	1 46	6 10
F 20	20 31	17 31	4 33	16 46	4 54	20 50	0 50	22 29	0 50	22 44	0 32	21 57	0 56	15 42	0 26	15 47	0 17	16 9	6 25	3 14	2 38	12 34	1 46	6 10
S 21	20 19	16 3	3 59	16 49	4 56	20 36	0 52	22 23	0 51	22 44	0 32	21 56	0 56	15 42	0 26	15 48	0 17	16 9	6 25	3 18	2 40	12 33	1 47	6 10
S 22	20 8	13 55	3 15	16 53	4 55	20 21	0 54	22 17	0 51	22 44	0 32	21 56	0 56	15 42	0 26	15 48	0 17	16 9	6 25	3 21	2 41	12 32	1 48	6 10
M23	19 56	11 12	2 22	16 58	4 53	20 6	0 56	22 11	0 52	22 45	0 32	21 55	0 56	15 42	0 26	15 49	0 17	16 9	6 25	3 23	2 42	12 30	1 48	6 11
T 24	19 43	8 2	1 23	17 3	4 50	19 50	0 58	22 4	0 52	22 45	0 32	21 55	0 56	15 42	0 26	15 49	0 17	16 9	6 25	3 24	2 43	12 29	1 49	6 11
W25	19 30	4 33	0 20	17 10	4 45	19 34	1 0	21 58	0 52	22 45	0 32	21 54	0 56	15 42	0 26	15 50	0 17	16 8	6 25	3 25	2 45	12 28	1 49	6 11
T 26	19 17	0 51	0s44	17 17	4 39	19 17	1 1	21 51	0 53	22 45	0 32	21 53	0 56	15 43	0 26	15 50	0 17	16 8	6 25	3 25	2 46	12 27	1 50	6 11
F 27	19 4	2n55	1 48	17 25	4 32	19 0	1 3	21 44	0 53	22 45	0 32	21 53	0 56	15 43	0 26	15 51	0 17	16 8	6 25	3 24	2 47	12 25	1 51	6 11
S 28	18 50	6 38	2 47	17 33	4 24	18 42	1 5	21 37	0 54	22 45	0 32	21 52	0 56	15 43	0 26	15 51	0 17	16 8	6 25	3 24	2 48	12 24	1 51	6 12
S 29	18 37	10 9	3 40	17 41	4 14	18 23	1 6	21 29	0 54	22 45	0 32	21 52	0 56	15 43	0 26	15 52	0 17	16 8	6 25	3 24	2 50	12 23	1 52	6 12
M30	18 22	13 16	4 24	17 50	4 4	18 5	1 8	21 22	0 54	22 45	0 32	21 51	0 56	15 43	0 26	15 52	0 17	16 8	6 25	3 24	2 51	12 21	1 53	6 12
T 31	18n 8	15n48	4s55	17n58	3s53	17n45	1n 9	21n14	0n55	22n46	0s32	21n51	0s56	15s43	0n26	15s53	0n17	16n 8	6s25	3n25	2n52	12s20	1s54	6n12

Julian Day Number = 2872119.5, Delta T = 01h12m31s
Ecliptic obliquity = 23°17'15, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°51'55, Lahiri = 39°58'56

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ASTRODIENST EPHEMERIS for the year 3151
geocentric

AUGUST 3151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 37 0	9♌ 2'43	16♊56	20♋23	14♌48	29♋ 6	0♋16	11♋53	14♏38	15°R16	14♋29	21°R16	22♍40	19♒ 1	10°R18	W 1
T 2	20 40 56	10° 0'01	1♋20	20°51	16° 2	29°46	0°28	12° 0	14°38	15♒15	14°30	21♍11	22°37	19° 7	10♓15	T 2
F 3	20 44 53	10°57'19	16° 8	21°25	17°16	0♌26	0°40	12° 7	14°39	15°13	14°31	21° 5	22°34	19°14	10°13	F 3
S 4	20 48 49	11°54'37	1♌13	22° 3	18°29	1° 6	0°53	12°14	14°40	15°11	14°33	20°59	22°31	19°21	10°10	S 4
S 5	20 52 46	12°51'56	16°26	22°47	19°43	1°46	1° 5	12°21	14°40	15°10	14°34	20°54	22°28	19°27	10° 7	S 5
M 6	20 56 42	13°49'15	1♍38	23°36	20°57	2°26	1°17	12°29	14°41	15° 8	14°35	20°51	22°25	19°34	10° 5	M 6
T 7	21 0 39	14°46'34	16°37	24°31	22°11	3° 6	1°29	12°36	14°42	15° 6	14°37	20°D50	22°21	19°41	10° 2	T 7
W 8	21 4 36	15°43'53	1♎18	25°30	23°25	3°46	1°41	12°43	14°42	15° 5	14°38	20°50	22°18	19°47	9°59	W 8
T 9	21 8 32	16°41'12	15°35	26°35	24°39	4°25	1°53	12°49	14°43	15° 3	14°39	20°52	22°15	19°54	9°56	T 9
F 10	21 12 29	17°38'32	29°26	27°44	25°53	5° 5	2° 5	12°56	14°44	15° 2	14°40	20°53	22°12	20° 1	9°54	F 10
S 11	21 16 25	18°35'52	12♏52	28°58	27° 6	5°45	2°16	13° 3	14°45	15° 0	14°42	20°R54	22° 9	20° 7	9°51	S 11
S 12	21 20 22	19°33'12	25°56	0♌17	28°20	6°24	2°28	13°10	14°46	14°58	14°43	20°54	22° 6	20°14	9°48	S 12
M13	21 24 18	20°30'32	8♐39	1°41	29°34	7° 4	2°40	13°17	14°47	14°57	14°44	20°53	22° 2	20°21	9°45	M13
T 14	21 28 15	21°27'53	21° 6	3° 9	0♍48	7°44	2°51	13°23	14°48	14°55	14°45	20°50	21°59	20°27	9°42	T 14
W15	21 32 11	22°25'14	3♑20	4°42	2° 2	8°23	3° 2	13°30	14°50	14°53	14°46	20°46	21°56	20°34	9°39	W15
T 16	21 36 8	23°22'36	15°24	6°18	3°16	9° 3	3°14	13°37	14°51	14°52	14°48	20°42	21°53	20°41	9°37	T 16
F 17	21 40 5	24°19'58	27°21	7°59	4°30	9°42	3°25	13°43	14°52	14°50	14°49	20°37	21°50	20°47	9°34	F 17
S 18	21 44 1	25°17'20	9♒13	9°43	5°43	10°22	3°36	13°50	14°53	14°49	14°50	20°33	21°46	20°54	9°31	S 18
S 19	21 47 58	26°14'44	21° 3	11°31	6°57	11° 1	3°47	13°56	14°55	14°47	14°51	20°30	21°43	21° 1	9°28	S 19
M20	21 51 54	27°12'08	2♓52	13°22	8°11	11°40	3°58	14° 3	14°56	14°46	14°52	20°28	21°40	21° 7	9°25	M20
T 21	21 55 51	28° 9'32	14°42	15°16	9°25	12°20	4° 9	14° 9	14°58	14°44	14°53	20°D26	21°37	21°14	9°22	T 21
W22	21 59 47	29° 6'58	26°37	17°12	10°39	12°59	4°20	14°15	14°59	14°42	14°54	20°26	21°34	21°21	9°19	W22
T 23	22 3 44	0♍ 4'24	8♈38	19°10	11°53	13°38	4°30	14°22	15° 1	14°41	14°55	20°27	21°31	21°27	9°16	T 23
F 24	22 7 40	1° 1'52	20°49	21°10	13° 7	14°17	4°41	14°28	15° 2	14°39	14°56	20°29	21°27	21°34	9°13	F 24
S 25	22 11 37	1°59'20	3♉12	23°12	14°20	14°56	4°51	14°34	15° 4	14°38	14°57	20°30	21°24	21°41	9° 9	S 25
S 26	22 15 33	2°56'50	15°52	25°15	15°34	15°36	5° 2	14°40	15° 6	14°36	14°58	20°31	21°21	21°47	9° 6	S 26
M27	22 19 30	3°54'21	28°52	27°18	16°48	16°15	5°12	14°46	15° 7	14°35	14°59	20°R32	21°18	21°54	9° 3	M27
T 28	22 23 27	4°51'54	12♊14	29°22	18° 2	16°54	5°22	14°52	15° 9	14°33	15° 0	20°32	21°15	22° 1	9° 0	T 28
W29	22 27 23	5°49'28	26° 1	1♍26	19°16	17°33	5°32	14°58	15°11	14°32	15° 1	20°31	21°11	22° 7	8°57	W29
T 30	22 31 20	6°47'03	10♋13	3°29	20°30	18°12	5°42	15° 4	15°13	14°30	15° 2	20°30	21° 8	22°14	8°54	T 30
F 31	22 35 16	7♍44'39	24♋49	5♍33	21♍44	18♌51	5♋52	15♋ 9	15♏15	14♒29	15♋ 3	20♍28	21♍ 5	22♒21	8♓51	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n53	17n31	5s 9	18n 7	3s41	17n25	1n11	21n 6	0n55	22n46	0s32	21n50	0s56	15s43	0n25	15s53	0n17	16n 7	6s25	3n27	2n53	12s19	1s54	6n12
T 2	17 38	18 12	5 5	18 15	3 28	17 5	1 12	20 58	0 55	22 46	0 32	21 49	0 56	15 43	0 25	15 54	0 17	16 7	6 25	3 29	2 55	12 17	1 55	6 12
F 3	17 22	17 40	4 41	18 23	3 15	16 44	1 13	20 50	0 56	22 46	0 32	21 49	0 56	15 44	0 25	15 54	0 17	16 7	6 25	3 31	2 56	12 16	1 56	6 12
S 4	17 7	15 54	3 57	18 30	3 2	16 22	1 15	20 42	0 56	22 45	0 32	21 48	0 56	15 44	0 25	15 55	0 17	16 7	6 25	3 33	2 57	12 15	1 57	6 13
S 5	16 51	13 0	2 56	18 37	2 48	16 1	1 16	20 34	0 57	22 45	0 32	21 48	0 56	15 44	0 25	15 55	0 17	16 7	6 25	3 35	2 58	12 13	1 58	6 13
M 6	16 34	9 13	1 43	18 43	2 33	15 38	1 17	20 25	0 57	22 45	0 32	21 47	0 56	15 44	0 25	15 55	0 17	16 7	6 25	3 36	3 0	12 12	1 59	6 13
T 7	16 18	4 54	0 23	18 48	2 19	15 16	1 18	20 16	0 57	22 45	0 32	21 46	0 56	15 44	0 25	15 56	0 17	16 7	6 25	3 37	3 1	12 11	2 0	6 13
W 8	16 1	0 21	0n57	18 52	2 4	14 52	1 19	20 7	0 58	22 45	0 31	21 46	0 56	15 45	0 25	15 56	0 17	16 6	6 25	3 36	3 2	12 9	2 0	6 13
T 9	15 44	4s 4	2 11	18 55	1 50	14 29	1 20	19 58	0 58	22 45	0 31	21 45	0 56	15 45	0 25	15 57	0 17	16 6	6 25	3 36	3 3	12 8	2 1	6 13
F 10	15 27	8 9	3 15	18 56	1 35	14 5	1 21	19 49	0 58	22 45	0 31	21 44	0 56	15 45	0 25	15 57	0 17	16 6	6 25	3 35	3 5	12 6	2 2	6 13
S 11	15 9	11 40	4 7	18 56	1 20	13 41	1 22	19 40	0 59	22 45	0 31	21 44	0 56	15 46	0 25	15 58	0 17	16 6	6 25	3 35	3 6	12 5	2 3	6 13
S 12	14 52	14 31	4 44	18 54	1 6	13 16	1 23	19 31	0 59	22 45	0 31	21 43	0 56	15 46	0 25	15 58	0 17	16 6	6 25	3 35	3 7	12 4	2 4	6 13
M13	14 34	16 34	5 6	18 49	0 51	12 51	1 23	19 21	1 0	22 44	0 31	21 43	0 56	15 46	0 25	15 59	0 17	16 6	6 25	3 36	3 8	12 2	2 5	6 14
T 14	14 16	17 47	5 13	18 43	0 37	12 26	1 24	19 11	1 0	22 44	0 31	21 42	0 56	15 47	0 25	15 59	0 17	16 5	6 25	3 37	3 10	12 1	2 6	6 14
W15	13 57	18 9	5 6	18 35	0 24	12 0	1 25	19 1	1 0	22 44	0 31	21 41	0 55	15 47	0 25	16 0	0 17	16 5	6 25	3 38	3 11	12 0	2 7	6 14
T 16	13 38	17 41	4 45	18 25	0 10	11 34	1 25	18 51	1 1	22 44	0 31	21 41	0 55	15 47	0 25	16 0	0 17	16 5	6 25	3 40	3 12	11 58	2 8	6 14
F 17	13 20	16 27	4 12	18 12	0n 2	11 8	1 26	18 41	1 1	22 43	0 31	21 40	0 55	15 48	0 25	16 1	0 17	16 5	6 25	3 42	3 13	11 57	2 9	6 14
S 18	13 1	14 30	3 28	17 56	0 15	10 42	1 26	18 31	1 1	22 43	0 31	21 39	0 55	15 48	0 25	16 1	0 17	16 5	6 26	3 43	3 15	11 56	2 10	6 14
S 19	12 41	11 57	2 35	17 38	0 26	10 15	1 27	18 21	1 2	22 43	0 31	21 39	0 55	15 49	0 25	16 2	0 17	16 5	6 26	3 45	3 16	11 54	2 11	6 14
M20	12 22	8 54	1 35	17 18	0 37	9 48	1 27	18 10	1 2	22 43	0 31	21 38	0 55	15 49	0 25	16 2	0 17	16 5	6 26	3 45	3 17	11 53	2 12	6 14
T 21	12 2	5 30	0 32	16 55	0 47	9 20	1 27	17 59	1 2	22 42	0 31	21 37	0 55	15 50	0 25	16 3	0 17	16 4	6 26	3 46	3 18	11 52	2 14	6 14
W22	11 43	1 51	0s34	16 29	0 57	8 53	1 27	17 49	1 3	22 42	0 31	21 37	0 55	15 50	0 25	16 3	0 17	16 4	6 26	3 46	3 20	11 50	2 15	6 14
T 23	11 23	1n53	1 39	16 1	1 5	8 25	1 27	17 38	1 3	22 42	0 31	21 36	0 55	15 50	0 25	16 4	0 17	16 4	6 26	3 46	3 21	11 49	2 16	6 14
F 24	11 2	5 36	2 40	15 30	1 13	7 57	1 27	17 27	1 3	22 41	0 31	21 36	0 55	15 51	0 25	16 4	0 17	16 4	6 26	3 45	3 22	11 47	2 17	6 14
S 25	10 42	9 8	3 35	14 58	1 20	7 28	1 27	17 16	1 4	22 41	0 31	21 35	0 55	15 51	0 25	16 5	0 17	16 4	6 26	3 44	3 23	11 46	2 18	6 14
S 26	10 22	12 19	4 21	14 23	1 26	7 0	1 27	17 5	1 4	22 41	0 31	21 34	0 55	15 52	0 25	16 5	0 17	16 4	6 26	3 44	3 25	11 45	2 19	6 14
M27	10 1	14 59	4 54	13 46	1 31	6 31	1 27	16 53	1 4	22 40	0 31	21 34	0 55	15 53	0 25	16 5	0 17	16 3	6 26	3 44	3 26	11 43	2 20	6 14
T 28	9 40	16 56	5 13	13 7	1 36	6 2	1 27	16 42	1 4	22 40	0 31	21 33	0 55	15 53	0 25	16 6	0 17	16 3	6 26	3 44	3 27	11 42	2 22	6 14
W29	9 19	17 59	5 15	12 27	1 39	5 33	1 27	16 30	1 5	22 39	0 31	21 32	0 55	15 54	0 25	16 6	0 17	16 3	6 26	3 44	3 28	11 40	2 23	6 14
T 30	8 58	17 56	4 58	11 45	1 42	5 4	1 26	16 19	1 5	22 39	0 31	21 32	0 55	15 54	0 25	16 7	0 17	16 3	6 26	3 45	3 29	11 39	2 24	6 14
F 31	8n37	16n44	4s22	11n 1	1n44	4n35	1n26	16n 7	1n 5	22n39	0s31	21n31	0s55	15s55	0n25	16s 7	0n17	16n 3	6s26	3n45	3n31	11s38	2s25	6n14

Julian Day Number = 2872150.5, Delta T = 01h12m32s
Ecliptic obliquity = 23°17'16, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°52'00, Lahiri = 39°59'00

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ASTRODIENST EPHEMERIS for the year 3151
geocentric

SEPTEMBER 3151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 39 13	8♍42'17	9♌43	7♍36	22♍58	19♌30	6♋ 2	15♋15	15♏17	14°R27	15♋ 4	20°R27	21♍ 2	22♒27	8°R48	S 1
S 2	22 43 9	9°39'56	24°49	9°38	24°11	20° 9	6°12	15°21	15°19	14♒26	15° 5	20♍26	20°59	22°34	8♓45	S 2
M 3	22 47 6	10°37'36	9♍57	11°39	25°25	20°48	6°21	15°26	15°21	14°24	15° 6	20°25	20°56	22°41	8°42	M 3
T 4	22 51 2	11°35'17	24°59	13°39	26°39	21°26	6°30	15°32	15°23	14°23	15° 7	20°D25	20°52	22°47	8°39	T 4
W 5	22 54 59	12°32'59	9♎46	15°38	27°53	22° 5	6°40	15°37	15°25	14°22	15° 8	20°26	20°49	22°54	8°36	W 5
T 6	22 58 56	13°30'43	24°12	17°36	29° 7	22°44	6°49	15°42	15°27	14°20	15° 9	20°26	20°46	23° 1	8°32	T 6
F 7	23 2 52	14°28'27	8♏12	19°32	0♎21	23°23	6°58	15°48	15°30	14°19	15° 9	20°27	20°43	23° 7	8°29	F 7
S 8	23 6 49	15°26'13	21°46	21°27	1°35	24° 1	7° 7	15°53	15°32	14°18	15°10	20°27	20°40	23°14	8°26	S 8
S 9	23 10 45	16°23'59	4♐55	23°21	2°48	24°40	7°16	15°58	15°34	14°16	15°11	20°27	20°37	23°21	8°23	S 9
M10	23 14 42	17°21'47	17°40	25°14	4° 2	25°19	7°24	16° 3	15°37	14°15	15°12	20°R28	20°33	23°27	8°20	M10
T 11	23 18 38	18°19'36	0♑ 6	27° 5	5°16	25°57	7°33	16° 8	15°39	14°14	15°13	20°27	20°30	23°34	8°17	T 11
W12	23 22 35	19°17'26	12°17	28°55	6°30	26°36	7°41	16°13	15°41	14°12	15°13	20°27	20°27	23°41	8°14	W12
T 13	23 26 31	20°15'17	24°17	0♎43	7°44	27°14	7°49	16°18	15°44	14°11	15°14	20°D27	20°24	23°47	8°11	T 13
F 14	23 30 28	21°13'09	6♒ 9	2°30	8°58	27°53	7°58	16°22	15°46	14°10	15°15	20°27	20°21	23°54	8° 8	F 14
S 15	23 34 25	22°11'02	17°58	4°16	10°11	28°31	8° 6	16°27	15°49	14° 9	15°15	20°27	20°17	24° 1	8° 5	S 15
S 16	23 38 21	23° 8'57	29°47	6° 1	11°25	29°10	8°13	16°32	15°52	14° 8	15°16	20°28	20°14	24° 7	8° 2	S 16
M17	23 42 18	24° 6'53	11♓39	7°44	12°39	29°48	8°21	16°36	15°54	14° 6	15°17	20°28	20°11	24°14	7°59	M17
T 18	23 46 14	25° 4'50	23°36	9°25	13°53	0♍26	8°29	16°41	15°57	14° 5	15°17	20°R28	20° 8	24°21	7°56	T 18
W19	23 50 11	26° 2'49	5♈40	11° 6	15° 7	1° 5	8°36	16°45	16° 0	14° 4	15°18	20°28	20° 5	24°27	7°54	W19
T 20	23 54 7	27° 0'50	17°53	12°45	16°20	1°43	8°43	16°49	16° 2	14° 3	15°19	20°27	20° 2	24°34	7°51	T 20
F 21	23 58 4	27°58'52	0♉17	14°23	17°34	2°21	8°51	16°53	16° 5	14° 2	15°19	20°26	19°58	24°41	7°48	F 21
S 22	0 2 0	28°56'56	12°54	16° 0	18°48	3° 0	8°58	16°57	16° 8	14° 1	15°20	20°25	19°55	24°47	7°45	S 22
S 23	0 5 57	29°55'01	25°44	17°36	20° 2	3°38	9° 4	17° 1	16°11	14° 0	15°20	20°24	19°52	24°54	7°42	S 23
M24	0 9 53	0♎53'09	8♊51	19°10	21°15	4°16	9°11	17° 5	16°14	13°59	15°21	20°23	19°49	25° 1	7°39	M24
T 25	0 13 50	1°51'19	22°14	20°43	22°29	4°54	9°18	17° 9	16°17	13°58	15°21	20°23	19°46	25° 7	7°37	T 25
W26	0 17 47	2°49'30	5♋56	22°15	23°43	5°32	9°24	17°13	16°20	13°57	15°22	20°D22	19°42	25°14	7°34	W26
T 27	0 21 43	3°47'44	19°57	23°46	24°57	6°10	9°30	17°16	16°23	13°56	15°22	20°23	19°39	25°21	7°31	T 27
F 28	0 25 40	4°45'59	4♌16	25°16	26°10	6°48	9°36	17°20	16°26	13°55	15°22	20°24	19°36	25°27	7°29	F 28
S 29	0 29 36	5°44'17	18°50	26°44	27°24	7°26	9°42	17°23	16°29	13°54	15°23	20°25	19°33	25°34	7°26	S 29
S 30	0 33 33	6♎42'36	3♍36	28♎11	28♎38	8♍ 4	9♋48	17♋27	16♏32	13♒54	15♋23	20♍26	19♍30	25♒40	7♓24	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n15	14n22	3s27	10n17	1n45	4n 5	1n25	15n55	1n 6	22n38	0s31	21n30	0s55	15s55	0n25	16s 8	0n17	16n 3	6s26	3n46	3n32	11s36	2s26	6n14
S 2	7 54	11 0	2 17	9 32	1 45	3 35	1 25	15 43	1 6	22 38	0 31	21 30	0 55	15 56	0 24	16 8	0 17	16 2	6 26	3 46	3 33	11 35	2 27	6 13
M 3	7 32	6 54	0 58	8 46	1 45	3 6	1 24	15 31	1 6	22 37	0 31	21 29	0 55	15 57	0 24	16 8	0 17	16 2	6 26	3 46	3 34	11 34	2 29	6 13
T 4	7 10	2 22	0n25	7 59	1 44	2 36	1 23	15 19	1 7	22 37	0 31	21 29	0 55	15 57	0 24	16 9	0 17	16 2	6 27	3 46	3 36	11 32	2 30	6 13
W 5	6 49	2s14	1 45	7 12	1 42	2 6	1 23	15 7	1 7	22 36	0 31	21 28	0 55	15 58	0 24	16 9	0 17	16 2	6 27	3 46	3 37	11 31	2 31	6 13
T 6	6 27	6 35	2 57	6 24	1 40	1 36	1 22	14 55	1 7	22 36	0 31	21 27	0 55	15 59	0 24	16 10	0 17	16 2	6 27	3 46	3 38	11 29	2 32	6 13
F 7	6 4	10 26	3 56	5 36	1 37	1 6	1 21	14 42	1 7	22 36	0 31	21 27	0 55	15 59	0 24	16 10	0 17	16 2	6 27	3 46	3 39	11 28	2 34	6 13
S 8	5 42	13 36	4 39	4 48	1 34	0 36	1 20	14 30	1 8	22 35	0 31	21 26	0 55	16 0	0 24	16 11	0 16	16 1	6 27	3 46	3 41	11 26	2 35	6 13
S 9	5 20	15 57	5 6	4 0	1 30	0 6	1 19	14 17	1 8	22 35	0 31	21 26	0 55	16 1	0 24	16 11	0 16	16 1	6 27	3 45	3 42	11 25	2 36	6 13
M10	4 58	17 27	5 17	3 12	1 25	0s24	1 18	14 5	1 8	22 34	0 31	21 25	0 55	16 1	0 24	16 11	0 16	16 1	6 27	3 45	3 43	11 24	2 37	6 13
T 11	4 35	18 4	5 13	2 23	1 21	0 54	1 17	13 52	1 9	22 34	0 31	21 24	0 55	16 2	0 24	16 12	0 16	16 1	6 27	3 45	3 44	11 22	2 38	6 12
W12	4 13	17 50	4 55	1 35	1 16	1 25	1 15	13 39	1 9	22 33	0 31	21 24	0 55	16 3	0 24	16 12	0 16	16 1	6 27	3 46	3 46	11 21	2 40	6 12
T 13	3 50	16 47	4 24	0 48	1 10	1 55	1 14	13 26	1 9	22 33	0 31	21 23	0 55	16 4	0 24	16 12	0 16	16 1	6 27	3 46	3 47	11 19	2 41	6 12
F 14	3 28	15 1	3 42	0 0	1 5	2 25	1 13	13 13	1 9	22 32	0 31	21 23	0 55	16 4	0 24	16 13	0 16	16 0	6 27	3 46	3 48	11 18	2 42	6 12
S 15	3 5	12 38	2 51	0s47	0 59	2 55	1 11	13 0	1 10	22 32	0 31	21 22	0 55	16 5	0 24	16 13	0 16	16 0	6 27	3 45	3 49	11 17	2 43	6 12
S 16	2 42	9 43	1 52	1 34	0 52	3 25	1 10	12 47	1 10	22 31	0 31	21 22	0 55	16 6	0 24	16 14	0 16	16 0	6 27	3 45	3 51	11 15	2 45	6 12
M17	2 19	6 24	0 49	2 21	0 46	3 55	1 8	12 34	1 10	22 31	0 31	21 21	0 55	16 7	0 24	16 14	0 16	16 0	6 28	3 45	3 52	11 14	2 46	6 11
T 18	1 57	2 48	0s17	3 7	0 39	4 25	1 7	12 21	1 10	22 30	0 31	21 20	0 55	16 7	0 24	16 14	0 16	16 0	6 28	3 45	3 53	11 12	2 47	6 11
W19	1 34	0n58	1 23	3 52	0 32	4 55	1 5	12 7	1 11	22 30	0 31	21 20	0 55	16 8	0 24	16 15	0 16	16 0	6 28	3 45	3 54	11 11	2 48	6 11
T 20	1 11	4 43	2 27	4 37	0 25	5 24	1 3	11 54	1 11	22 30	0 31	21 19	0 55	16 9	0 24	16 15	0 16	16 0	6 28	3 46	3 56	11 9	2 50	6 11
F 21	0 48	8 19	3 24	5 22	0 18	5 54	1 2	11 41	1 11	22 29	0 31	21 19	0 55	16 10	0 24	16 15	0 16	15 59	6 28	3 46	3 57	11 8	2 51	6 11
S 22	0 25	11 36	4 12	6 6	0 10	6 24	1 0	11 27	1 11	22 29	0 31	21 18	0 55	16 11	0 24	16 16	0 16	15 59	6 28	3 46	3 58	11 7	2 52	6 10
S 23	0 2	14 24	4 48	6 49	0 3	6 53	0 58	11 14	1 12	22 28	0 31	21 18	0 55	16 12	0 24	16 16	0 16	15 59	6 28	3 47	3 59	11 5	2 53	6 10
M24	0s21	16 31	5 11	7 32	0s 5	7 22	0 56	11 0	1 12	22 28	0 31	21 17	0 55	16 12	0 24	16 16	0 16	15 59	6 28	3 47	4 1	11 4	2 55	6 10
T 25	0 44	17 47	5 17	8 14	0 13	7 51	0 54	10 46	1 12	22 27	0 31	21 17	0 55	16 13	0 24	16 16	0 16	15 59	6 28	3 47	4 2	11 2	2 56	6 10
W26	1 7	18 4	5 5	8 56	0 21	8 20	0 52	10 33	1 12	22 27	0 31	21 16	0 55	16 14	0 24	16 17	0 16	15 59	6 28	3 47	4 3	11 1	2 57	6 9
T 27	1 30	17 16	4 36	9 37	0 28	8 49	0 50	10 19	1 13	22 26	0 31	21 16	0 55	16 15	0 24	16 17	0 16	15 58	6 28	3 47	4 4	10 59	2 58	6 9
F 28	1 53	15 22	3 49	10 17	0 36	9 18	0 48	10 5	1 13	22 26	0 31	21 15	0 55	16 16	0 24	16 17	0 16	15 58	6 29	3 47	4 6	10 58	2 59	6 9
S 29	2 16	12 27	2 46	10 56	0 44	9 46	0 46	9 51	1 13	22 26	0 31	21 15	0 55	16 17	0 24	16 18	0 16	15 58	6 29	3 47	4 7	10 57	3 1	6 9
S 30	2s39	8n42	1s32	11s35	0s52	10s14	0n44	9n37	1n13	22n25	0s31	21n15	0s55	16s18	0n24	16s18	0n16	15n58	6s29	3n46	4n 8	10s55	3s 2	6n 8

Julian Day Number = 2872181.5, Delta T = 01h12m32s
Ecliptic obliquity = 23°17'16, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°52'04, Lahiri = 39°59'04

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ASTRODIENST EPHEMERIS for the year 3151
geocentric

OCTOBER 3151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 37 29	7♎40'57	18♍27	29♎37	29♎51	8♍42	9♋54	17♋30	16♏35	13°R53	15♋23	20°R26	19♍27	25♒47	7°R21	M 1
T 2	0 41 26	8°39'20	3♎16	1♏ 2	1♏ 5	9°20	9°59	17°33	16°38	13♒52	15°24	20♍26	19°23	25°54	7♓19	T 2
W 3	0 45 22	9°37'45	17°56	2°25	2°19	9°58	10° 4	17°36	16°41	13°51	15°24	20°25	19°20	26° 0	7°16	W 3
T 4	0 49 19	10°36'12	2♏20	3°47	3°32	10°36	10° 9	17°39	16°45	13°50	15°24	20°22	19°17	26° 7	7°14	T 4
F 5	0 53 16	11°34'40	16°23	5° 8	4°46	11°14	10°14	17°42	16°48	13°50	15°25	20°20	19°14	26°14	7°11	F 5
S 6	0 57 12	12°33'11	0♐ 1	6°27	6° 0	11°52	10°19	17°44	16°51	13°49	15°25	20°16	19°11	26°20	7° 9	S 6
S 7	1 1 9	13°31'42	13°15	7°46	7°14	12°29	10°24	17°47	16°54	13°48	15°25	20°14	19° 8	26°27	7° 7	S 7
M 8	1 5 5	14°30'16	26° 4	9° 2	8°27	13° 7	10°28	17°50	16°58	13°48	15°25	20°11	19° 4	26°34	7° 4	M 8
T 9	1 9 2	15°28'50	8♑32	10°17	9°41	13°45	10°32	17°52	17° 1	13°47	15°25	20°10	19° 1	26°40	7° 2	T 9
W10	1 12 58	16°27'27	20°43	11°31	10°54	14°23	10°36	17°54	17° 4	13°47	15°26	20°D10	18°58	26°47	7° 0	W10
T 11	1 16 55	17°26'05	2♒42	12°42	12° 8	15° 0	10°40	17°57	17° 8	13°46	15°26	20°11	18°55	26°54	6°58	T 11
F 12	1 20 51	18°24'45	14°33	13°52	13°22	15°38	10°44	17°59	17°11	13°46	15°26	20°12	18°52	27° 0	6°56	F 12
S 13	1 24 48	19°23'26	26°21	15° 0	14°35	16°15	10°47	18° 1	17°15	13°45	15°26	20°14	18°48	27° 7	6°54	S 13
S 14	1 28 45	20°22'09	8♓12	16° 6	15°49	16°53	10°50	18° 3	17°18	13°45	15°26	20°16	18°45	27°14	6°52	S 14
M15	1 32 41	21°20'54	20° 8	17°10	17° 2	17°30	10°53	18° 5	17°22	13°45	15°26	20°R16	18°42	27°20	6°50	M15
T 16	1 36 38	22°19'40	2♈13	18°12	18°16	18° 8	10°56	18° 6	17°25	13°44	15°R26	20°16	18°39	27°27	6°48	T 16
W17	1 40 34	23°18'29	14°29	19°11	19°29	18°45	10°59	18° 8	17°29	13°44	15°26	20°13	18°36	27°34	6°46	W17
T 18	1 44 31	24°17'19	26°58	20° 7	20°43	19°23	11° 2	18° 9	17°32	13°44	15°26	20° 9	18°33	27°40	6°45	T 18
F 19	1 48 27	25°16'11	9♉41	21° 0	21°56	20° 0	11° 4	18°11	17°36	13°43	15°26	20° 4	18°29	27°47	6°43	F 19
S 20	1 52 24	26°15'05	22°38	21°51	23°10	20°37	11° 6	18°12	17°39	13°43	15°26	19°58	18°26	27°54	6°41	S 20
S 21	1 56 20	27°14'02	5♊48	22°38	24°23	21°15	11° 8	18°13	17°43	13°43	15°26	19°52	18°23	28° 0	6°40	S 21
M22	2 0 17	28°13'00	19°11	23°21	25°37	21°52	11°10	18°14	17°46	13°43	15°26	19°46	18°20	28° 7	6°38	M22
T 23	2 4 13	29°12'01	2♋46	24° 0	26°50	22°29	11°11	18°15	17°50	13°43	15°25	19°42	18°17	28°14	6°37	T 23
W24	2 8 10	0♏11'04	16°33	24°34	28° 4	23° 7	11°13	18°16	17°54	13°43	15°25	19°39	18°14	28°20	6°35	W24
T 25	2 12 7	1°10'10	0♌30	25° 4	29°17	23°44	11°14	18°17	17°57	13°42	15°25	19°D39	18°10	28°27	6°34	T 25
F 26	2 16 3	2° 9'17	14°36	25°29	0♐31	24°21	11°15	18°17	18° 1	13°D42	15°25	19°39	18° 7	28°34	6°33	F 26
S 27	2 20 0	3° 8'27	28°51	25°48	1°44	24°58	11°16	18°18	18° 5	13°42	15°25	19°40	18° 4	28°40	6°31	S 27
S 28	2 23 56	4° 7'39	13♍13	26° 0	2°57	25°35	11°16	18°18	18° 8	13°42	15°24	19°R41	18° 1	28°47	6°30	S 28
M29	2 27 53	5° 6'53	27°39	26°R 6	4°11	26°12	11°17	18°19	18°12	13°43	15°24	19°41	17°58	28°53	6°29	M29
T 30	2 31 49	6° 6'10	12♎ 4	26° 5	5°24	26°49	11°R17	18°19	18°16	13°43	15°24	19°39	17°54	29° 0	6°28	T 30
W31	2 35 46	7♏ 5'28	26♎24	25♏57	6♐38	27♍26	11♋17	18°R19	18♏20	13♒43	15♋23	19♍35	17♍51	29♒ 7	6♓27	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s 2	4n22	0s11	12s13	1s 0	10s42	0n41	9n24	1n14	22n25	0s31	21n14	0s55	16s19	0n24	16s18	0n16	15n58	6s29	3n46	4n 9	10s54	3s 3	6n 8
T 2	3 25	0s13	1n10	12 50	1 8	11 10	0 39	9 10	1 14	22 24	0 31	21 14	0 55	16 19	0 24	16 18	0 16	15 58	6 29	3 46	4 10	10 52	3 4	6 8
W 3	3 48	4 44	2 26	13 26	1 16	11 38	0 37	8 56	1 14	22 24	0 31	21 13	0 55	16 20	0 24	16 18	0 16	15 58	6 29	3 47	4 12	10 51	3 5	6 8
T 4	4 10	8 54	3 31	14 1	1 24	12 5	0 34	8 41	1 14	22 24	0 31	21 13	0 55	16 21	0 24	16 19	0 16	15 58	6 29	3 47	4 13	10 49	3 6	6 7
F 5	4 33	12 27	4 22	14 36	1 32	12 32	0 32	8 27	1 14	22 23	0 31	21 13	0 55	16 22	0 24	16 19	0 16	15 57	6 29	3 49	4 14	10 48	3 8	6 7
S 6	4 56	15 12	4 56	15 10	1 40	12 58	0 29	8 13	1 15	22 23	0 30	21 12	0 55	16 23	0 24	16 19	0 16	15 57	6 29	3 50	4 15	10 46	3 9	6 7
S 7	5 18	17 4	5 13	15 43	1 48	13 25	0 27	7 59	1 15	22 23	0 30	21 12	0 55	16 24	0 24	16 19	0 16	15 57	6 29	3 51	4 17	10 45	3 10	6 6
M 8	5 41	18 1	5 13	16 14	1 55	13 51	0 24	7 45	1 15	22 22	0 30	21 12	0 55	16 25	0 24	16 20	0 16	15 57	6 30	3 52	4 18	10 43	3 11	6 6
T 9	6 3	18 2	4 59	16 45	2 3	14 17	0 22	7 31	1 15	22 22	0 30	21 11	0 55	16 26	0 24	16 20	0 16	15 57	6 30	3 52	4 19	10 42	3 12	6 6
W10	6 26	17 14	4 31	17 15	2 10	14 42	0 19	7 16	1 15	22 22	0 30	21 11	0 55	16 27	0 24	16 20	0 16	15 57	6 30	3 52	4 20	10 40	3 13	6 5
T 11	6 48	15 39	3 52	17 44	2 18	15 7	0 16	7 2	1 16	22 21	0 30	21 11	0 55	16 28	0 24	16 20	0 16	15 57	6 30	3 52	4 22	10 39	3 14	6 5
F 12	7 10	13 26	3 4	18 12	2 25	15 32	0 14	6 48	1 16	22 21	0 30	21 10	0 56	16 29	0 24	16 20	0 16	15 57	6 30	3 51	4 23	10 38	3 15	6 5
S 13	7 33	10 39	2 8	18 39	2 31	15 56	0 11	6 34	1 16	22 21	0 30	21 10	0 56	16 30	0 24	16 20	0 16	15 57	6 30	3 51	4 24	10 36	3 16	6 4
S 14	7 55	7 26	1 6	19 4	2 38	16 20	0 8	6 19	1 16	22 21	0 30	21 10	0 56	16 31	0 24	16 20	0 16	15 56	6 30	3 50	4 25	10 35	3 17	6 4
M15	8 16	3 52	0 1	19 29	2 44	16 44	0 6	6 5	1 16	22 20	0 30	21 10	0 56	16 32	0 23	16 21	0 16	15 56	6 30	3 50	4 27	10 33	3 18	6 4
T 16	8 38	0 7	1s 5	19 52	2 50	17 7	0 3	5 50	1 17	22 20	0 30	21 9	0 56	16 33	0 23	16 21	0 16	15 56	6 30	3 50	4 28	10 32	3 19	6 3
W17	9 0	3n42	2 9	20 14	2 56	17 29	0 0	5 36	1 17	22 20	0 30	21 9	0 56	16 34	0 23	16 21	0 16	15 56	6 30	3 51	4 29	10 30	3 20	6 3
T 18	9 22	7 25	3 7	20 35	3 2	17 52	0s 3	5 22	1 17	22 20	0 30	21 9	0 56	16 35	0 23	16 21	0 16	15 56	6 31	3 53	4 30	10 29	3 21	6 3
F 19	9 43	10 52	3 57	20 54	3 7	18 14	0 6	5 7	1 17	22 20	0 30	21 9	0 56	16 36	0 23	16 21	0 16	15 56	6 31	3 55	4 31	10 27	3 22	6 2
S 20	10 4	13 51	4 36	21 11	3 11	18 35	0 8	4 53	1 17	22 19	0 30	21 8	0 56	16 37	0 23	16 21	0 16	15 56	6 31	3 57	4 33	10 26	3 23	6 2
S 21	10 25	16 11	5 1	21 27	3 15	18 56	0 11	4 38	1 18	22 19	0 30	21 8	0 56	16 38	0 23	16 21	0 16	15 56	6 31	3 59	4 34	10 24	3 24	6 2
M22	10 46	17 41	5 11	21 42	3 19	19 16	0 14	4 24	1 18	22 19	0 30	21 8	0 56	16 39	0 23	16 21	0 16	15 56	6 31	4 1	4 35	10 23	3 25	6 1
T 23	11 7	18 13	5 3	21 55	3 22	19 36	0 17	4 9	1 18	22 19	0 30	21 8	0 56	16 40	0 23	16 21	0 16	15 56	6 31	4 3	4 36	10 21	3 26	6 1
W24	11 28	17 41	4 37	22 5	3 24	19 56	0 20	3 55	1 18	22 19	0 30	21 8	0 56	16 41	0 23	16 21	0 16	15 56	6 31	4 4	4 38	10 20	3 27	6 0
T 25	11 48	16 5	3 55	22 14	3 26	20 14	0 23	3 40	1 18	22 19	0 30	21 8	0 56	16 42	0 23	16 21	0 16	15 55	6 31	4 5	4 39	10 18	3 28	6 0
F 26	12 9	13 30	2 59	22 21	3 26	20 33	0 26	3 26	1 18	22 19	0 30	21 8	0 56	16 43	0 23	16 21	0 16	15 55	6 31	4 4	4 40	10 17	3 29	6 0
S 27	12 29	10 4	1 51	22 25	3 26	20 51	0 28	3 11	1 19	22 19	0 30	21 8	0 56	16 44	0 23	16 21	0 16	15 55	6 31	4 4	4 41	10 15	3 29	5 59
S 28	12 49	6 1	0 35	22 27	3 25	21 8	0 31	2 57	1 19	22 19	0 30	21 8	0 56	16 45	0 23	16 21	0 16	15 55	6 31	4 3	4 43	10 14	3 30	5 59
M29	13 9	1 35	0n43	22 26	3 22	21 24	0 34	2 43	1 19	22 19	0 30	21 7	0 56	16 46	0 23	16 21	0 16	15 55	6 32	4 3	4 44	10 12	3 31	5 58
T 30	13 28	2s56	1 58	22 22	3 19	21 41	0 37	2 28	1 19	22 19	0 30	21 7	0 56	16 47	0 23	16 21	0 16	15 55	6 32	4 4	4 45	10 11	3 32	5 58
W31	13s48	7s15	3n 5	22s16	3s14	21s56	0s40	2n14	1n19	22n19	0s30	21n 7	0s56	16s48	0n23	16s21	0n16	15n55	6s32	4n 6	4n46	10s 9	3s32	5n58

Julian Day Number = 2872211.5, Delta T = 01h12m33s
Ecliptic obliquity = 23°17'16, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°52'08, Lahiri = 39°59'09

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ASTRODIENST EPHEMERIS for the year 3151
geocentric

NOVEMBER 3151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 39 42	8♏ 4'49	10♏33	25°R40	7♐51	28♍ 3	11°R17	18°R19	18♏23	13♒43	15°R23	19°R29	17♍48	29♒13	6°R26	T 1
F 2	2 43 39	9° 4'12	24°27	25♏15	9° 4	28°40	11♋16	18♋19	18°27	13°43	15♋23	19♍21	17°45	29°20	6♓25	F 2
S 3	2 47 36	10° 3'36	8♐ 0	24°42	10°18	29°17	11°16	18°19	18°31	13°43	15°22	19°12	17°42	29°27	6°24	S 3
S 4	2 51 32	11° 3'03	21°12	24° 0	11°31	29°54	11°15	18°18	18°34	13°44	15°22	19° 3	17°39	29°33	6°23	S 4
M 5	2 55 29	12° 2'31	4♑ 1	23°10	12°44	0♎31	11°14	18°18	18°38	13°44	15°22	18°56	17°35	29°40	6°23	M 5
T 6	2 59 25	13° 2'01	16°31	22°12	13°58	1° 8	11°12	18°17	18°42	13°44	15°21	18°50	17°32	29°47	6°22	T 6
W 7	3 3 22	14° 1'33	28°42	21° 8	15°11	1°44	11°11	18°16	18°46	13°45	15°21	18°47	17°29	29°53	6°21	W 7
T 8	3 7 18	15° 1'06	10♒41	19°58	16°24	2°21	11° 9	18°16	18°50	13°45	15°20	18°D45	17°26	29°59	6°21	T 8
F 9	3 11 15	16° 0'42	22°32	18°45	17°37	2°58	11° 8	18°15	18°53	13°46	15°20	18°45	17°23	0♓ 7	6°20	F 9
S 10	3 15 11	17° 0'18	4♓21	17°30	18°51	3°34	11° 6	18°14	18°57	13°46	15°19	18°46	17°19	0°13	6°20	S 10
S 11	3 19 8	17°59'57	16°12	16°16	20° 4	4°11	11° 3	18°12	19° 1	13°47	15°19	18°R47	17°16	0°20	6°20	S 11
M12	3 23 5	18°59'37	28°11	15° 4	21°17	4°47	11° 1	18°11	19° 5	13°47	15°18	18°46	17°13	0°27	6°19	M12
T 13	3 27 1	19°59'19	10♈22	13°56	22°30	5°24	10°58	18°10	19° 8	13°48	15°17	18°44	17°10	0°33	6°19	T 13
W14	3 30 58	20°59'02	22°49	12°56	23°43	6° 0	10°55	18° 8	19°12	13°48	15°17	18°39	17° 7	0°40	6°19	W14
T 15	3 34 54	21°58'48	5♉33	12° 5	24°56	6°37	10°52	18° 7	19°16	13°49	15°16	18°32	17° 4	0°47	6°19	T 15
F 16	3 38 51	22°58'35	18°36	11°23	26° 9	7°13	10°49	18° 5	19°20	13°50	15°16	18°22	17° 0	0°53	6°D19	F 16
S 17	3 42 47	23°58'24	1♊57	10°52	27°23	7°50	10°46	18° 3	19°24	13°50	15°15	18°11	16°57	1° 0	6°19	S 17
S 18	3 46 44	24°58'15	15°33	10°33	28°36	8°26	10°42	18° 1	19°27	13°51	15°14	18° 0	16°54	1° 6	6°19	S 18
M19	3 50 40	25°58'08	29°21	10°D25	29°49	9° 2	10°38	17°59	19°31	13°52	15°13	17°49	16°51	1°13	6°19	M19
T 20	3 54 37	26°58'03	13♋18	10°29	1♑ 2	9°39	10°34	17°57	19°35	13°53	15°13	17°41	16°48	1°20	6°19	T 20
W21	3 58 34	27°58'01	27°21	10°43	2°15	10°15	10°30	17°55	19°39	13°53	15°12	17°35	16°45	1°26	6°20	W21
T 22	4 2 30	28°58'00	11♌26	11° 8	3°28	10°51	10°26	17°53	19°42	13°54	15°11	17°31	16°41	1°33	6°20	T 22
F 23	4 6 27	29°58'01	25°32	11°42	4°40	11°27	10°21	17°51	19°46	13°55	15°11	17°D30	16°38	1°40	6°20	F 23
S 24	4 10 23	0♐58'05	9♍38	12°24	5°53	12° 3	10°17	17°48	19°50	13°56	15°10	17°R30	16°35	1°46	6°21	S 24
S 25	4 14 20	1°58'10	23°42	13°14	7° 6	12°39	10°12	17°45	19°54	13°57	15° 9	17°30	16°32	1°53	6°21	S 25
M26	4 18 16	2°58'18	7♎45	14°11	8°19	13°15	10° 7	17°43	19°57	13°58	15° 8	17°29	16°29	2° 0	6°22	M26
T 27	4 22 13	3°58'27	21°44	15°14	9°32	13°51	10° 2	17°40	20° 1	13°59	15° 7	17°25	16°25	2° 6	6°23	T 27
W28	4 26 9	4°58'39	5♏37	16°22	10°45	14°27	9°56	17°37	20° 5	14° 0	15° 6	17°18	16°22	2°13	6°23	W28
T 29	4 30 6	5°58'52	19°22	17°35	11°58	15° 3	9°51	17°34	20° 8	14° 1	15° 6	17° 8	16°19	2°20	6°24	T 29
F 30	4 34 3	6♐59'08	2♐55	18♏51	13♑10	15♎39	9♋45	17♋31	20♏12	14♒ 2	15♋ 5	16♍56	16♍16	2♓26	6♓25	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s 7	11s 6	4n 0	22s 5	3s 8	22s11	0s43	1n59	1n19	22n19	0s30	21n 7	0s56	16s49	0n23	16s21	0n16	15n55	6s32	4n 8	4n48	10s 8	3s33	5n57
F 2	14 26	14 15	4 39	21 52	3 0	22 25	0 46	1 45	1 20	22 19	0 30	21 7	0 56	16 50	0 23	16 21	0 16	15 55	6 32	4 12	4 49	10 6	3 34	5 57
S 3	14 44	16 33	5 1	21 34	2 50	22 39	0 49	1 30	1 20	22 19	0 30	21 7	0 56	16 51	0 23	16 21	0 15	15 55	6 32	4 15	4 50	10 5	3 35	5 56
S 4	15 3	17 54	5 7	21 13	2 39	22 52	0 51	1 16	1 20	22 19	0 30	21 8	0 56	16 52	0 23	16 21	0 15	15 55	6 32	4 18	4 51	10 3	3 35	5 56
M 5	15 21	18 17	4 56	20 48	2 26	23 5	0 54	1 1	1 20	22 19	0 30	21 8	0 56	16 53	0 23	16 21	0 15	15 55	6 32	4 21	4 52	10 2	3 36	5 56
T 6	15 39	17 46	4 32	20 19	2 11	23 16	0 57	0 47	1 20	22 19	0 30	21 8	0 56	16 54	0 23	16 21	0 15	15 55	6 32	4 23	4 54	10 0	3 37	5 55
W 7	15 57	16 26	3 56	19 46	1 54	23 28	1 0	0 33	1 20	22 19	0 30	21 8	0 56	16 55	0 23	16 21	0 15	15 55	6 32	4 25	4 55	9 59	3 37	5 55
T 8	16 14	14 24	3 10	19 10	1 36	23 38	1 2	0 18	1 20	22 20	0 30	21 8	0 56	16 56	0 23	16 21	0 15	15 55	6 32	4 25	4 56	9 57	3 38	5 54
F 9	16 32	11 46	2 16	18 32	1 17	23 48	1 5	0 4	1 21	22 20	0 30	21 8	0 56	16 57	0 23	16 21	0 15	15 55	6 33	4 25	4 57	9 56	3 38	5 54
S 10	16 48	8 40	1 17	17 52	0 57	23 57	1 8	0s10	1 21	22 20	0 30	21 8	0 56	16 59	0 23	16 21	0 15	15 55	6 33	4 25	4 59	9 54	3 39	5 53
S 11	17 5	5 12	0 14	17 11	0 37	24 5	1 11	0 25	1 21	22 20	0 30	21 8	0 56	17 0	0 23	16 20	0 15	15 55	6 33	4 25	5 0	9 53	3 39	5 53
M12	17 21	1 29	0s50	16 30	0 16	24 13	1 13	0 39	1 21	22 20	0 30	21 8	0 56	17 1	0 23	16 20	0 15	15 55	6 33	4 25	5 1	9 51	3 40	5 53
T 13	17 38	2n21	1 53	15 51	0n 4	24 20	1 16	0 53	1 21	22 21	0 30	21 9	0 56	17 2	0 23	16 20	0 15	15 55	6 33	4 26	5 2	9 50	3 40	5 52
W14	17 53	6 10	2 51	15 14	0 24	24 27	1 18	1 8	1 21	22 21	0 30	21 9	0 56	17 3	0 23	16 20	0 15	15 55	6 33	4 28	5 4	9 48	3 41	5 52
T 15	18 9	9 47	3 43	14 41	0 43	24 32	1 21	1 22	1 21	22 21	0 30	21 9	0 56	17 4	0 23	16 20	0 15	15 55	6 33	4 31	5 5	9 46	3 41	5 51
F 16	18 24	13 2	4 23	14 12	1 0	24 37	1 23	1 36	1 21	22 22	0 29	21 9	0 56	17 5	0 23	16 20	0 15	15 55	6 33	4 34	5 6	9 45	3 42	5 51
S 17	18 39	15 40	4 51	13 48	1 15	24 42	1 26	1 50	1 22	22 22	0 29	21 9	0 56	17 6	0 23	16 20	0 15	15 55	6 33	4 39	5 7	9 43	3 42	5 50
S 18	18 53	17 30	5 2	13 29	1 29	24 45	1 28	2 4	1 22	22 22	0 29	21 10	0 56	17 7	0 23	16 19	0 15	15 55	6 33	4 43	5 8	9 42	3 42	5 50
M19	19 8	18 21	4 57	13 15	1 41	24 48	1 31	2 18	1 22	22 23	0 29	21 10	0 56	17 8	0 23	16 19	0 15	15 55	6 33	4 47	5 10	9 40	3 43	5 49
T 20	19 21	18 6	4 33	13 7	1 51	24 50	1 33	2 32	1 22	22 23	0 29	21 10	0 56	17 9	0 23	16 19	0 15	15 55	6 33	4 50	5 11	9 39	3 43	5 49
W21	19 35	16 44	3 53	13 4	1 59	24 51	1 35	2 46	1 22	22 23	0 29	21 11	0 56	17 10	0 23	16 19	0 15	15 55	6 33	4 53	5 12	9 37	3 43	5 49
T 22	19 48	14 22	2 59	13 5	2 6	24 52	1 38	3 0	1 22	22 24	0 29	21 11	0 56	17 11	0 23	16 18	0 15	15 55	6 33	4 54	5 13	9 36	3 44	5 48
F 23	20 1	11 8	1 54	13 11	2 10	24 52	1 40	3 14	1 22	22 24	0 29	21 11	0 56	17 12	0 23	16 18	0 15	15 55	6 33	4 55	5 15	9 34	3 44	5 48
S 24	20 13	7 16	0 42	13 20	2 14	24 51	1 42	3 28	1 22	22 25	0 29	21 12	0 56	17 13	0 23	16 18	0 15	15 55	6 34	4 55	5 16	9 33	3 44	5 47
S 25	20 25	2 59	0n33	13 33	2 16	24 50	1 44	3 42	1 23	22 25	0 29	21 12	0 56	17 14	0 23	16 18	0 15	15 55	6 34	4 55	5 17	9 31	3 44	5 47
M26	20 37	1s26	1 45	13 49	2 17	24 47	1 46	3 56	1 23	22 25	0 29	21 12	0 56	17 15	0 23	16 17	0 15	15 55	6 34	4 55	5 18	9 30	3 45	5 46
T 27	20 49	5 46	2 51	14 8	2 16	24 44	1 48	4 10	1 23	22 26	0 29	21 13	0 56	17 16	0 23	16 17	0 15	15 55	6 34	4 57	5 19	9 28	3 45	5 46
W28	21 0	9 46	3 46	14 28	2 15	24 41	1 50	4 23	1 23	22 26	0 29	21 13	0 56	17 17	0 23	16 17	0 15	15 55	6 34	4 59	5 21	9 26	3 45	5 46
T 29	21 10	13 11	4 27	14 51	2 13	24 36	1 51	4 37	1 23	22 27	0 29	21 13	0 56	17 18	0 23	16 17	0 15	15 55	6 34	5 3	5 22	9 25	3 45	5 45
F 30	21s20	15s50	4n52	15s14	2n10	24s31	1s53	4s51	1n23	22n27	0s29	21n14	0s56	17s19	0n23	16s16	0n15	15n55	6s34	5n 8	5n23	9s23	3s45	5n45

Julian Day Number = 2872242.5, Delta T = 01h12m34s
Ecliptic obliquity = 23°17'16, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°52'12, Lahiri = 39°59'13

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ASTRODIENST EPHEMERIS for the year 3151
geocentric

DECEMBER 3151 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 37 59	7♐59'25	16♐13	20♏10	14♑23	16♎15	9°R39	17°R28	20♏16	14♒ 4	15°R 4	16°R43	16♍13	2♓33	6♓26	S 1
S 2	4 41 56	8°59'44	29°14	21°33	15°36	16°51	9♋33	17♋25	20°19	14° 5	15♋ 3	16♍30	16°10	2°40	6°27	S 2
M 3	4 45 52	10° 0'04	11♑57	22°57	16°48	17°26	9°27	17°21	20°23	14° 6	15° 2	16°18	16° 6	2°46	6°28	M 3
T 4	4 49 49	11° 0'26	24°23	24°24	18° 1	18° 2	9°21	17°18	20°27	14° 7	15° 1	16° 8	16° 3	2°53	6°29	T 4
W 5	4 53 45	12° 0'49	6♒32	25°52	19°14	18°38	9°14	17°14	20°30	14° 8	15° 0	16° 1	16° 0	3° 0	6°30	W 5
T 6	4 57 42	13° 1'13	18°30	27°21	20°26	19°13	9° 8	17°11	20°34	14°10	14°59	15°57	15°57	3° 6	6°32	T 6
F 7	5 1 38	14° 1'39	0♓20	28°51	21°39	19°49	9° 1	17° 7	20°37	14°11	14°58	15°55	15°54	3°13	6°33	F 7
S 8	5 5 35	15° 2'06	12° 8	0♈23	22°51	20°24	8°54	17° 4	20°41	14°12	14°57	15°55	15°51	3°19	6°34	S 8
S 9	5 9 32	16° 2'34	23°58	1°55	24° 4	21° 0	8°47	17° 0	20°44	14°14	14°56	15°55	15°47	3°26	6°36	S 9
M10	5 13 28	17° 3'04	5♈57	3°27	25°16	21°35	8°40	16°56	20°48	14°15	14°55	15°54	15°44	3°33	6°37	M10
T 11	5 17 25	18° 3'34	18°10	5° 0	26°28	22°10	8°33	16°52	20°51	14°17	14°54	15°51	15°41	3°39	6°39	T 11
W12	5 21 21	19° 4'06	0♉41	6°34	27°41	22°45	8°26	16°48	20°55	14°18	14°53	15°46	15°38	3°46	6°40	W12
T 13	5 25 18	20° 4'39	13°34	8° 7	28°53	23°21	8°18	16°44	20°58	14°20	14°52	15°38	15°35	3°53	6°42	T 13
F 14	5 29 14	21° 5'14	26°50	9°41	0♒ 5	23°56	8°11	16°40	21° 2	14°21	14°51	15°27	15°31	3°59	6°44	F 14
S 15	5 33 11	22° 5'49	10♊30	11°15	1°17	24°31	8° 3	16°35	21° 5	14°23	14°50	15°15	15°28	4° 6	6°46	S 15
S 16	5 37 7	23° 6'26	24°30	12°49	2°29	25° 6	7°56	16°31	21° 8	14°24	14°49	15° 3	15°25	4°13	6°47	S 16
M17	5 41 4	24° 7'05	8♋45	14°23	3°41	25°41	7°48	16°27	21°12	14°26	14°48	14°51	15°22	4°19	6°49	M17
T 18	5 45 1	25° 7'44	23°10	15°57	4°53	26°16	7°40	16°22	21°15	14°27	14°46	14°41	15°19	4°26	6°51	T 18
W19	5 48 57	26° 8'25	7♌39	17°31	6° 5	26°51	7°32	16°18	21°18	14°29	14°45	14°34	15°16	4°33	6°53	W19
T 20	5 52 54	27° 9'08	22° 5	19° 5	7°17	27°26	7°25	16°14	21°22	14°31	14°44	14°30	15°12	4°39	6°55	T 20
F 21	5 56 50	28° 9'52	6♍24	20°39	8°29	28° 0	7°17	16° 9	21°25	14°32	14°43	14°28	15° 9	4°46	6°57	F 21
S 22	6 0 47	29°10'37	20°35	22°13	9°41	28°35	7° 9	16° 4	21°28	14°34	14°42	14°D28	15° 6	4°53	7° 0	S 22
S 23	6 4 43	0♑11'24	4♎35	23°47	10°52	29°10	7° 0	16° 0	21°31	14°36	14°41	14°R28	15° 3	4°59	7° 2	S 23
M24	6 8 40	1°12'12	18°25	25°21	12° 4	29°44	6°52	15°55	21°34	14°38	14°40	14°27	15° 0	5° 6	7° 4	M24
T 25	6 12 36	2°13'01	2♏ 5	26°55	13°15	0♏19	6°44	15°50	21°37	14°39	14°39	14°24	14°57	5°12	7° 7	T 25
W26	6 16 33	3°13'52	15°36	28°29	14°27	0°53	6°36	15°46	21°41	14°41	14°37	14°18	14°53	5°19	7° 9	W26
T 27	6 20 30	4°14'44	28°55	0♑ 3	15°38	1°28	6°28	15°41	21°44	14°43	14°36	14° 9	14°50	5°26	7°11	T 27
F 28	6 24 26	5°15'38	12♐ 4	1°37	16°50	2° 2	6°20	15°36	21°47	14°45	14°35	13°57	14°47	5°32	7°14	F 28
S 29	6 28 23	6°16'32	25° 0	3°11	18° 1	2°36	6°12	15°31	21°50	14°47	14°34	13°45	14°44	5°39	7°16	S 29
S 30	6 32 19	7°17'28	7♑43	4°45	19°12	3°10	6° 3	15°26	21°53	14°49	14°33	13°32	14°41	5°46	7°19	S 30
M31	6 36 16	8♑18'24	20♑13	6♑19	20♒23	3♏45	5♋55	15♋22	21♏55	14♒51	14♋32	13♍21	14♍37	5♓52	7♓22	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s30	17s36	5n 1	15s39	2n 6	24s25	1s55	5s 4	1n23	22n28	0s29	21n14	0s56	17s20	0n23	16s16	0n15	15n55	6s34	5n13	5n24	9s22	3s45	5n44
S 2	21 40	18 24	4 53	16 4	2 2	24 19	1 57	5 18	1 23	22 28	0 29	21 15	0 55	17 21	0 23	16 16	0 15	15 55	6 34	5 18	5 26	9 20	3 45	5 44
M 3	21 49	18 15	4 31	16 30	1 57	24 11	1 58	5 31	1 23	22 29	0 28	21 15	0 55	17 22	0 23	16 15	0 15	15 55	6 34	5 22	5 27	9 19	3 45	5 43
T 4	21 57	17 13	3 57	16 57	1 52	24 3	2 0	5 45	1 23	22 29	0 28	21 16	0 55	17 23	0 23	16 15	0 15	15 55	6 34	5 26	5 28	9 17	3 45	5 43
W 5	22 5	15 25	3 12	17 23	1 46	23 55	2 1	5 58	1 23	22 30	0 28	21 16	0 55	17 24	0 23	16 15	0 15	15 55	6 34	5 29	5 29	9 15	3 45	5 43
T 6	22 13	12 58	2 20	17 49	1 40	23 46	2 2	6 11	1 23	22 30	0 28	21 17	0 55	17 24	0 23	16 14	0 15	15 55	6 34	5 30	5 30	9 14	3 45	5 42
F 7	22 20	10 0	1 22	18 15	1 34	23 36	2 4	6 25	1 24	22 31	0 28	21 17	0 55	17 25	0 23	16 14	0 15	15 55	6 34	5 31	5 32	9 12	3 45	5 42
S 8	22 27	6 40	0 20	18 41	1 27	23 25	2 5	6 38	1 24	22 31	0 28	21 18	0 55	17 26	0 23	16 14	0 15	15 56	6 34	5 31	5 33	9 11	3 45	5 41
S 9	22 34	3 2	0s43	19 6	1 21	23 14	2 6	6 51	1 24	22 32	0 28	21 18	0 55	17 27	0 23	16 13	0 15	15 56	6 34	5 31	5 34	9 9	3 45	5 41
M10	22 40	0n45	1 44	19 30	1 14	23 2	2 7	7 4	1 24	22 33	0 28	21 19	0 55	17 28	0 23	16 13	0 15	15 56	6 34	5 32	5 35	9 8	3 45	5 40
T 11	22 45	4 35	2 42	19 54	1 7	22 49	2 8	7 17	1 24	22 33	0 28	21 19	0 55	17 29	0 23	16 12	0 15	15 56	6 34	5 33	5 37	9 6	3 44	5 40
W12	22 50	8 18	3 33	20 17	1 0	22 36	2 8	7 30	1 24	22 34	0 28	21 20	0 55	17 30	0 23	16 12	0 15	15 56	6 34	5 35	5 38	9 4	3 44	5 40
T 13	22 55	11 44	4 16	20 40	0 52	22 22	2 9	7 43	1 24	22 34	0 28	21 20	0 55	17 31	0 23	16 12	0 15	15 56	6 34	5 38	5 39	9 3	3 44	5 39
F 14	22 59	14 42	4 45	21 1	0 45	22 7	2 10	7 56	1 24	22 35	0 27	21 21	0 55	17 32	0 23	16 11	0 15	15 56	6 34	5 42	5 40	9 1	3 44	5 39
S 15	23 3	16 56	5 0	21 21	0 38	21 52	2 10	8 8	1 24	22 35	0 27	21 21	0 55	17 33	0 23	16 11	0 15	15 56	6 34	5 47	5 42	9 0	3 44	5 38
S 16	23 7	18 14	4 57	21 41	0 31	21 36	2 11	8 21	1 24	22 36	0 27	21 22	0 55	17 34	0 23	16 10	0 15	15 56	6 34	5 51	5 43	8 58	3 43	5 38
M17	23 9	18 25	4 35	21 59	0 24	21 20	2 11	8 33	1 24	22 37	0 27	21 22	0 55	17 34	0 23	16 10	0 15	15 56	6 34	5 56	5 44	8 57	3 43	5 38
T 18	23 12	17 26	3 56	22 17	0 17	21 3	2 12	8 46	1 24	22 37	0 27	21 23	0 55	17 35	0 23	16 9	0 15	15 56	6 34	6 0	5 45	8 55	3 43	5 37
W19	23 14	15 19	3 2	22 33	0 9	20 46	2 12	8 58	1 24	22 38	0 27	21 24	0 55	17 36	0 23	16 9	0 15	15 57	6 34	6 2	5 46	8 53	3 42	5 37
T 20	23 15	12 14	1 56	22 48	0 2	20 27	2 12	9 11	1 24	22 38	0 27	21 24	0 55	17 37	0 23	16 8	0 15	15 57	6 34	6 4	5 48	8 52	3 42	5 36
F 21	23 16	8 27	0 43	23 2	0s 5	20 9	2 12	9 23	1 24	22 39	0 27	21 25	0 55	17 38	0 23	16 8	0 15	15 57	6 34	6 5	5 49	8 50	3 41	5 36
S 22	23 17	4 12	0n32	23 15	0 12	19 50	2 12	9 35	1 24	22 39	0 27	21 25	0 55	17 39	0 23	16 8	0 15	15 57	6 34	6 5	5 50	8 49	3 41	5 36
S 23	23 17	0s12	1 45	23 27	0 18	19 30	2 11	9 47	1 24	22 40	0 26	21 26	0 54	17 39	0 23	16 7	0 15	15 57	6 34	6 5	5 51	8 47	3 41	5 35
M24	23 17	4 33	2 50	23 37	0 25	19 10	2 11	10 0	1 24	22 40	0 26	21 27	0 54	17 40	0 23	16 7	0 15	15 57	6 34	6 5	5 52	8 45	3 40	5 35
T 25	23 16	8 36	3 44	23 47	0 32	18 49	2 11	10 12	1 24	22 41	0 26	21 27	0 54	17 41	0 23	16 6	0 15	15 57	6 34	6 6	5 54	8 44	3 40	5 35
W26	23 15	12 10	4 26	23 55	0 38	18 28	2 10	10 23	1 24	22 41	0 26	21 28	0 54	17 42	0 23	16 6	0 15	15 57	6 34	6 9	5 55	8 42	3 39	5 34
T 27	23 13	15 2	4 52	24 2	0 44	18 7	2 10	10 35	1 24	22 42	0 26	21 29	0 54	17 43	0 23	16 5	0 15	15 58	6 34	6 12	5 56	8 41	3 38	5 34
F 28	23 11	17 6	5 2	24 7	0 51	17 44	2 9	10 47	1 24	22 43	0 26	21 29	0 54	17 43	0 23	16 4	0 15	15 58	6 34	6 16	5 57	8 39	3 38	5 33
S 29	23 8	18 15	4 57	24 12	0 57	17 22	2 8	10 59	1 24	22 43	0 26	21 30	0 54	17 44	0 23	16 4	0 14	15 58	6 34	6 21	5 59	8 37	3 37	5 33
S 30	23 5	18 28	4 36	24 15	1 3	16 59	2 7	11 10	1 24	22 44	0 25	21 30	0 54	17 45	0 23	16 3	0 14	15 58	6 34	6 26	6 0	8 36	3 37	5 33
M31	23s 2	17s46	4n 3	24s16	1s 8	16s36	2s 6	11s22	1n24	22n44	0s25	21n31	0s54	17s46	0n23	16s 3	0n14	15n58	6s34	6n30	6n 1	8s34	3s36	5n32

Julian Day Number = 2872272.5, Delta T = 01h12m34s
Ecliptic obliquity = 23°17'15, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°52'17, Lahiri = 39°59'17

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3152
geocentric

JANUARY 3152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 40 12	9♉19'21	2♒30	7♉54	21♒34	4♏19	5°R47	15°R17	21♏58	14♒52	14°R30	13°R12	14♍34	5♓59	7♓24	T 1
W 2	6 44 9	10°20'19	14°34	9°28	22°45	4°53	5♋39	15♋12	22° 1	14°54	14♋29	13♍ 5	14°31	6° 6	7°27	W 2
T 3	6 48 6	11°21'17	26°29	11° 2	23°56	5°27	5°31	15° 7	22° 4	14°56	14°28	13° 1	14°28	6°12	7°30	T 3
F 4	6 52 2	12°22'16	8♓17	12°37	25° 6	6° 0	5°23	15° 2	22° 7	14°58	14°27	12°D59	14°25	6°19	7°33	F 4
S 5	6 55 59	13°23'16	20° 3	14°11	26°17	6°34	5°15	14°57	22° 9	15° 0	14°26	12°59	14°22	6°26	7°36	S 5
S 6	6 59 55	14°24'16	1♈52	15°46	27°28	7° 8	5° 7	14°52	22°12	15° 2	14°24	13° 0	14°18	6°32	7°39	S 6
M 7	7 3 52	15°25'16	13°48	17°21	28°38	7°41	4°59	14°47	22°15	15° 4	14°23	13°R 1	14°15	6°39	7°42	M 7
T 8	7 7 48	16°26'17	25°59	18°56	29°48	8°15	4°51	14°42	22°17	15° 6	14°22	13° 0	14°12	6°46	7°45	T 8
W 9	7 11 45	17°27'17	8♉28	20°31	0♓58	8°48	4°43	14°37	22°20	15° 8	14°21	12°58	14° 9	6°52	7°48	W 9
T 10	7 15 41	18°28'19	21°20	22° 7	2° 8	9°22	4°35	14°32	22°22	15°11	14°20	12°53	14° 6	6°59	7°51	T 10
F 11	7 19 38	19°29'20	4♊39	23°43	3°18	9°55	4°28	14°27	22°25	15°13	14°19	12°46	14° 3	7° 5	7°54	F 11
S 12	7 23 35	20°30'22	18°25	25°18	4°28	10°28	4°20	14°23	22°27	15°15	14°17	12°38	13°59	7°12	7°57	S 12
S 13	7 27 31	21°31'24	2♋37	26°55	5°38	11° 1	4°13	14°18	22°30	15°17	14°16	12°29	13°56	7°19	8° 1	S 13
M14	7 31 28	22°32'27	17°10	28°31	6°47	11°34	4° 5	14°13	22°32	15°19	14°15	12°21	13°53	7°25	8° 4	M14
T 15	7 35 24	23°33'29	1♌58	0♒ 7	7°56	12° 7	3°58	14° 8	22°34	15°21	14°14	12°14	13°50	7°32	8° 7	T 15
W16	7 39 21	24°34'33	16°53	1°44	9° 5	12°40	3°51	14° 3	22°37	15°23	14°13	12° 9	13°47	7°39	8°11	W16
T 17	7 43 17	25°35'36	1♍45	3°21	10°14	13°13	3°44	13°58	22°39	15°25	14°12	12° 7	13°43	7°45	8°14	T 17
F 18	7 47 14	26°36'40	16°28	4°58	11°23	13°45	3°37	13°54	22°41	15°28	14°10	12°D 7	13°40	7°52	8°17	F 18
S 19	7 51 10	27°37'44	0♎57	6°35	12°32	14°18	3°30	13°49	22°43	15°30	14° 9	12° 8	13°37	7°59	8°21	S 19
S 20	7 55 7	28°38'49	15° 8	8°13	13°41	14°50	3°23	13°44	22°45	15°32	14° 8	12° 9	13°34	8° 5	8°24	S 20
M21	7 59 4	29°39'54	29° 0	9°50	14°49	15°23	3°17	13°40	22°47	15°34	14° 7	12°R10	13°31	8°12	8°28	M21
T 22	8 3 0	0♒41'00	12♏35	11°28	15°57	15°55	3°10	13°35	22°49	15°36	14° 6	12° 9	13°28	8°19	8°32	T 22
W23	8 6 57	1°42'06	25°53	13° 5	17° 5	16°27	3° 4	13°30	22°51	15°39	14° 5	12° 6	13°24	8°25	8°35	W23
T 24	8 10 53	2°43'13	8♐55	14°43	18°13	16°59	2°58	13°26	22°53	15°41	14° 4	12° 2	13°21	8°32	8°39	T 24
F 25	8 14 50	3°44'19	21°43	16°20	19°21	17°31	2°52	13°21	22°55	15°43	14° 2	11°56	13°18	8°38	8°42	F 25
S 26	8 18 46	4°45'26	4♑19	17°57	20°28	18° 3	2°46	13°17	22°57	15°45	14° 1	11°49	13°15	8°45	8°46	S 26
S 27	8 22 43	5°46'33	16°44	19°34	21°35	18°35	2°40	13°13	22°58	15°48	14° 0	11°42	13°12	8°52	8°50	S 27
M28	8 26 39	6°47'40	28°57	21°10	22°42	19° 6	2°35	13° 8	23° 0	15°50	13°59	11°36	13° 9	8°58	8°54	M28
T 29	8 30 36	7°48'47	11♒ 2	22°45	23°49	19°38	2°29	13° 4	23° 2	15°52	13°58	11°31	13° 5	9° 5	8°58	T 29
W30	8 34 33	8°49'53	22°59	24°19	24°56	20° 9	2°24	13° 0	23° 3	15°54	13°57	11°27	13° 2	9°12	9° 1	W30
T 31	8 38 29	9♒50'59	4♓49	25♒52	26♓ 2	20♏40	2♋19	12♋56	23♏ 5	15♒57	13♋56	11♍25	12♍59	9♓18	9♓ 5	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s58	16s15	3n19	24s17	1s14	16s12	2s 5	11s33	1n24	22n45	0s25	21n32	0s54	17s46	0n23	16s 2	0n14	15n58	6s34	6n34	6n 2	8s33	3s35	5n32
W 2	22 53	14 2	2 26	24 16	1 19	15 47	2 3	11 44	1 24	22 45	0 25	21 32	0 54	17 47	0 23	16 2	0 14	15 59	6 34	6 36	6 3	8 31	3 35	5 32
T 3	22 48	11 15	1 27	24 14	1 24	15 23	2 2	11 56	1 24	22 46	0 25	21 33	0 54	17 48	0 23	16 1	0 14	15 59	6 34	6 38	6 5	8 29	3 34	5 31
F 4	22 43	8 1	0 25	24 10	1 29	14 58	2 1	12 7	1 24	22 46	0 25	21 34	0 53	17 48	0 23	16 1	0 14	15 59	6 34	6 39	6 6	8 28	3 33	5 31
S 5	22 37	4 30	0s38	24 6	1 34	14 33	1 59	12 18	1 24	22 46	0 25	21 34	0 53	17 49	0 23	16 0	0 14	15 59	6 34	6 39	6 7	8 26	3 33	5 31
S 6	22 31	0 47	1 40	23 59	1 38	14 7	1 57	12 29	1 24	22 47	0 24	21 35	0 53	17 50	0 23	16 0	0 14	15 59	6 34	6 38	6 8	8 24	3 32	5 30
M 7	22 24	2n59	2 38	23 52	1 43	13 41	1 55	12 39	1 24	22 47	0 24	21 36	0 53	17 50	0 23	15 59	0 14	15 59	6 34	6 38	6 10	8 23	3 31	5 30
T 8	22 17	6 42	3 30	23 43	1 47	13 14	1 53	12 50	1 24	22 48	0 24	21 36	0 53	17 51	0 23	15 58	0 14	16 0	6 34	6 38	6 11	8 21	3 30	5 30
W 9	22 9	10 14	4 13	23 33	1 50	12 48	1 51	13 1	1 24	22 48	0 24	21 37	0 53	17 52	0 23	15 58	0 14	16 0	6 34	6 39	6 12	8 20	3 29	5 29
T 10	22 1	13 23	4 46	23 21	1 54	12 21	1 49	13 11	1 24	22 49	0 24	21 37	0 53	17 52	0 23	15 57	0 14	16 0	6 34	6 41	6 13	8 18	3 29	5 29
F 11	21 53	15 57	5 4	23 9	1 57	11 54	1 47	13 22	1 24	22 49	0 24	21 38	0 53	17 53	0 23	15 57	0 14	16 0	6 34	6 43	6 14	8 16	3 28	5 29
S 12	21 44	17 43	5 5	22 54	2 0	11 26	1 44	13 32	1 24	22 49	0 24	21 39	0 53	17 54	0 23	15 56	0 14	16 0	6 33	6 47	6 16	8 15	3 27	5 28
S 13	21 35	18 27	4 48	22 39	2 2	10 58	1 42	13 42	1 24	22 50	0 23	21 39	0 53	17 54	0 23	15 55	0 14	16 0	6 33	6 50	6 17	8 13	3 26	5 28
M14	21 25	18 1	4 13	22 22	2 5	10 30	1 39	13 52	1 24	22 50	0 23	21 40	0 52	17 55	0 23	15 55	0 14	16 1	6 33	6 53	6 18	8 11	3 25	5 28
T 15	21 15	16 21	3 19	22 3	2 6	10 2	1 36	14 3	1 24	22 51	0 23	21 41	0 52	17 55	0 23	15 54	0 14	16 1	6 33	6 56	6 19	8 10	3 24	5 27
W16	21 4	13 35	2 12	21 44	2 8	9 33	1 34	14 12	1 24	22 51	0 23	21 41	0 52	17 56	0 23	15 54	0 14	16 1	6 33	6 57	6 20	8 8	3 23	5 27
T 17	20 53	9 55	0 56	21 23	2 9	9 5	1 31	14 22	1 24	22 51	0 23	21 42	0 52	17 56	0 23	15 53	0 14	16 1	6 33	6 58	6 22	8 7	3 22	5 27
F 18	20 42	5 40	0n24	21 0	2 10	8 36	1 27	14 32	1 24	22 52	0 23	21 42	0 52	17 57	0 23	15 52	0 14	16 1	6 33	6 59	6 23	8 5	3 21	5 27
S 19	20 30	1 10	1 40	20 37	2 10	8 7	1 24	14 42	1 24	22 52	0 22	21 43	0 52	17 58	0 23	15 52	0 14	16 2	6 33	6 58	6 24	8 3	3 20	5 26
S 20	20 18	3s19	2 49	20 12	2 10	7 37	1 21	14 51	1 24	22 52	0 22	21 44	0 52	17 58	0 23	15 51	0 14	16 2	6 33	6 58	6 25	8 2	3 19	5 26
M21	20 6	7 31	3 47	19 45	2 10	7 8	1 17	15 1	1 23	22 53	0 22	21 44	0 52	17 59	0 23	15 50	0 14	16 2	6 33	6 57	6 27	8 0	3 18	5 26
T 22	19 53	11 13	4 30	19 18	2 9	6 38	1 14	15 10	1 23	22 53	0 22	21 45	0 51	17 59	0 23	15 50	0 14	16 2	6 33	6 58	6 28	7 58	3 17	5 25
W23	19 39	14 16	4 58	18 49	2 7	6 9	1 10	15 19	1 23	22 53	0 22	21 45	0 51	18 0	0 23	15 49	0 14	16 2	6 33	6 59	6 29	7 57	3 16	5 25
T 24	19 26	16 32	5 10	18 19	2 5	5 39	1 6	15 28	1 23	22 54	0 22	21 46	0 51	18 0	0 23	15 49	0 14	16 3	6 33	7 0	6 30	7 55	3 15	5 25
F 25	19 12	17 56	5 6	17 47	2 2	5 9	1 2	15 37	1 23	22 54	0 21	21 47	0 51	18 0	0 23	15 48	0 14	16 3	6 32	7 3	6 31	7 53	3 14	5 25
S 26	18 57	18 26	4 47	17 15	1 59	4 39	0 58	15 46	1 23	22 54	0 21	21 47	0 51	18 1	0 23	15 47	0 14	16 3	6 32	7 5	6 33	7 52	3 12	5 24
S 27	18 42	18 2	4 15	16 41	1 55	4 9	0 54	15 55	1 23	22 55	0 21	21 48	0 51	18 1	0 23	15 47	0 14	16 3	6 32	7 8	6 34	7 50	3 11	5 24
M28	18 27	16 47	3 31	16 6	1 51	3 38	0 50	16 4	1 23	22 55	0 21	21 48	0 51	18 2	0 23	15 46	0 14	16 3	6 32	7 10	6 35	7 48	3 10	5 24
T 29	18 12	14 48	2 39	15 31	1 46	3 8	0 45	16 12	1 23	22 55	0 21	21 49	0 50	18 2	0 23	15 45	0 14	16 4	6 32	7 12	6 36	7 47	3 9	5 24
W30	17 56	12 12	1 39	14 54	1 40	2 38	0 41	16 21	1 22	22 55	0 20	21 49	0 50	18 2	0 23	15 45	0 14	16 4	6 32	7 13	6 37	7 45	3 8	5 24
T 31	17s40	9s 7	0n36	14s17	1s33	2s 7	0s36	16s29	1n22	22n56	0s20	21n50	0s50	18s 3	0n23	15s44	0n14	16n 4	6s32	7n14	6n39	7s43	3s 7	5n23

Julian Day Number = 2872303.5, Delta T = 01h12m35s
Ecliptic obliquity = 23°17'15, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°52'21, Lahiri = 39°59'21

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ASTRODIENST EPHEMERIS for the year 3152
geocentric

FEBRUARY 3152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 42 26	10♒52'05	16♓36	27♒23	27♓ 8	21♏11	2°R14	12°R52	23♏ 6	15♒59	13°R55	11°D25	12♍56	9♓25	9♓ 9	F 1
S 2	8 46 22	11°53'11	28°22	28°52	28°14	21°42	2♋ 9	12♋48	23° 8	16° 1	13♋54	11♍26	12°53	9°32	9°13	S 2
S 3	8 50 19	12°54'15	10♈11	0♓19	29°20	22°13	2° 5	12°44	23° 9	16° 3	13°53	11°28	12°49	9°38	9°17	S 3
M 4	8 54 15	13°55'20	22° 7	1°43	0♈25	22°44	2° 0	12°40	23°10	16° 6	13°52	11°30	12°46	9°45	9°21	M 4
T 5	8 58 12	14°56'23	4♉16	3° 4	1°30	23°15	1°56	12°36	23°12	16° 8	13°51	11°31	12°43	9°52	9°25	T 5
W 6	9 2 8	15°57'26	16°41	4°20	2°35	23°45	1°52	12°32	23°13	16°10	13°50	11°R32	12°40	9°58	9°29	W 6
T 7	9 6 5	16°58'28	29°27	5°32	3°39	24°15	1°48	12°29	23°14	16°12	13°49	11°31	12°37	10° 5	9°33	T 7
F 8	9 10 2	17°59'30	12♊39	6°39	4°43	24°45	1°45	12°25	23°15	16°15	13°48	11°29	12°34	10°12	9°37	F 8
S 9	9 13 58	19° 0'30	26°19	7°39	5°47	25°15	1°41	12°22	23°16	16°17	13°47	11°27	12°30	10°18	9°41	S 9
S 10	9 17 55	20° 1'30	10♋27	8°32	6°51	25°45	1°38	12°18	23°17	16°19	13°46	11°24	12°27	10°25	9°45	S 10
M11	9 21 51	21° 2'29	25° 1	9°18	7°54	26°15	1°35	12°15	23°18	16°22	13°45	11°21	12°24	10°31	9°49	M11
T 12	9 25 48	22° 3'27	9♌56	9°54	8°57	26°45	1°32	12°12	23°19	16°24	13°44	11°18	12°21	10°38	9°53	T 12
W13	9 29 44	23° 4'24	25° 4	10°21	9°59	27°14	1°30	12° 9	23°20	16°26	13°43	11°17	12°18	10°45	9°57	W13
T 14	9 33 41	24° 5'21	10♍15	10°38	11° 1	27°43	1°27	12° 6	23°21	16°28	13°42	11°D16	12°15	10°51	10° 2	T 14
F 15	9 37 37	25° 6'17	25°21	10°R44	12° 3	28°12	1°25	12° 3	23°21	16°31	13°42	11°17	12°11	10°58	10° 6	F 15
S 16	9 41 34	26° 7'12	10♎12	10°38	13° 4	28°41	1°23	12° 0	23°22	16°33	13°41	11°18	12° 8	11° 5	10°10	S 16
S 17	9 45 31	27° 8'07	24°42	10°22	14° 5	29°10	1°21	11°57	23°23	16°35	13°40	11°19	12° 5	11°11	10°14	S 17
M18	9 49 27	28° 9'01	8♏49	9°53	15° 5	29°39	1°19	11°54	23°23	16°37	13°39	11°20	12° 2	11°18	10°18	M18
T 19	9 53 24	29° 9'54	22°31	9°15	16° 5	0♐ 7	1°18	11°52	23°24	16°40	13°38	11°20	11°59	11°25	10°23	T 19
W20	9 57 20	0♓10'47	5♐49	8°26	17° 5	0°35	1°17	11°49	23°24	16°42	13°37	11°R20	11°55	11°31	10°27	W20
T 21	10 1 17	1°11'39	18°46	7°29	18° 4	1° 3	1°16	11°47	23°24	16°44	13°37	11°20	11°52	11°38	10°31	T 21
F 22	10 5 13	2°12'31	1♑24	6°25	19° 3	1°31	1°15	11°45	23°25	16°46	13°36	11°19	11°49	11°45	10°35	F 22
S 23	10 9 10	3°13'22	13°47	5°16	20° 1	1°59	1°14	11°43	23°25	16°48	13°35	11°18	11°46	11°51	10°39	S 23
S 24	10 13 6	4°14'12	25°57	4° 4	20°58	2°26	1°14	11°41	23°25	16°51	13°35	11°17	11°43	11°58	10°44	S 24
M25	10 17 3	5°15'01	7♒58	2°51	21°55	2°54	1°14	11°39	23°25	16°53	13°34	11°16	11°40	12° 4	10°48	M25
T 26	10 21 0	6°15'49	19°53	1°39	22°52	3°21	1°D14	11°37	23°25	16°55	13°33	11°15	11°36	12°11	10°52	T 26
W27	10 24 56	7°16'36	1♓42	0°31	23°48	3°48	1°14	11°35	23°R26	16°57	13°33	11°15	11°33	12°18	10°56	W27
T 28	10 28 53	8°17'21	13°30	29♒26	24°43	4°14	1°14	11°33	23°25	16°59	13°32	11°D15	11°30	12°24	11° 1	T 28
F 29	10 32 49	9♓18'06	25♓17	28♒28	25♈38	4♐41	1♋15	11♋32	23♏25	17♒ 2	13♋31	11♍15	11♍27	12♓31	11♓ 5	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	17s24	5s42	0s28	13s39	1s26	1s37	0s32	16s37	1n22	22n56	0s20	21n50	0s50	18s 3	0n23	15s43	0n14	16n 4	6s32	7n14	6n40	7s42	3s 5	5n23	F 1
S 2	17 7	2 3	1 32	13 1	1 18	1 6	0 27	16 45	1 22	22 56	0 20	21 51	0 50	18 4	0 23	15 43	0 14	16 5	6 32	7 14	6 41	7 40	3 4	5 23	S 2
S 3	16 50	1n41	2 32	12 22	1 9	0 36	0 22	16 53	1 22	22 57	0 20	21 52	0 50	18 4	0 23	15 42	0 14	16 5	6 31	7 13	6 42	7 38	3 3	5 23	S 3
M 4	16 33	5 23	3 26	11 43	0 59	0 5	0 17	17 1	1 22	22 57	0 20	21 52	0 50	18 4	0 23	15 41	0 14	16 5	6 31	7 12	6 43	7 37	3 2	5 22	M 4
T 5	16 15	8 55	4 11	11 4	0 48	0n25	0 12	17 9	1 21	22 57	0 19	21 53	0 49	18 5	0 23	15 41	0 14	16 5	6 31	7 12	6 45	7 35	3 0	5 22	T 5
W 6	15 57	12 8	4 46	10 26	0 37	0 55	0 6	17 17	1 21	22 57	0 19	21 53	0 49	18 5	0 23	15 40	0 14	16 5	6 31	7 12	6 46	7 33	2 59	5 22	W 6
T 7	15 39	14 53	5 9	9 48	0 24	1 26	0 1	17 24	1 21	22 57	0 19	21 54	0 49	18 5	0 24	15 39	0 14	16 6	6 31	7 12	6 47	7 32	2 58	5 22	T 7
F 8	15 21	16 57	5 15	9 11	0 11	1 56	0n 5	17 32	1 21	22 58	0 19	21 54	0 49	18 5	0 24	15 39	0 14	16 6	6 31	7 13	6 48	7 30	2 56	5 22	F 8
S 9	15 2	18 9	5 5	8 35	0n 4	2 27	0 10	17 39	1 21	22 58	0 19	21 54	0 49	18 6	0 24	15 38	0 14	16 6	6 31	7 14	6 50	7 28	2 55	5 22	S 9
S 10	14 43	18 17	4 36	8 2	0 19	2 57	0 16	17 46	1 21	22 58	0 19	21 55	0 49	18 6	0 24	15 37	0 14	16 6	6 30	7 15	6 51	7 27	2 54	5 21	S 10
M11	14 24	17 14	3 49	7 30	0 35	3 27	0 22	17 53	1 20	22 58	0 18	21 55	0 48	18 6	0 24	15 37	0 14	16 7	6 30	7 16	6 52	7 25	2 52	5 21	M11
T 12	14 4	15 0	2 45	7 1	0 51	3 57	0 28	18 0	1 20	22 59	0 18	21 56	0 48	18 6	0 24	15 36	0 14	16 7	6 30	7 17	6 53	7 23	2 51	5 21	T 12
W13	13 44	11 42	1 29	6 35	1 8	4 27	0 34	18 7	1 20	22 59	0 18	21 56	0 48	18 6	0 24	15 35	0 14	16 7	6 30	7 17	6 54	7 22	2 50	5 21	W13
T 14	13 24	7 35	0 6	6 13	1 25	4 57	0 40	18 14	1 20	22 59	0 18	21 57	0 48	18 7	0 24	15 35	0 14	16 7	6 30	7 18	6 56	7 20	2 48	5 21	T 14
F 15	13 4	3 1	1n17	5 55	1 43	5 26	0 46	18 21	1 19	22 59	0 18	21 57	0 48	18 7	0 24	15 34	0 14	16 7	6 30	7 17	6 57	7 18	2 47	5 21	F 15
S 16	12 44	1s39	2 34	5 41	2 0	5 56	0 52	18 27	1 19	22 59	0 17	21 58	0 48	18 7	0 24	15 33	0 14	16 8	6 30	7 17	6 58	7 17	2 45	5 20	S 16
S 17	12 23	6 7	3 38	5 32	2 17	6 25	0 59	18 34	1 19	23 0	0 17	21 58	0 47	18 7	0 24	15 33	0 14	16 8	6 29	7 17	6 59	7 15	2 44	5 20	S 17
M18	12 2	10 7	4 28	5 27	2 33	6 55	1 5	18 40	1 19	23 0	0 17	21 58	0 47	18 7	0 24	15 32	0 14	16 8	6 29	7 16	7 0	7 13	2 42	5 20	M18
T 19	11 41	13 26	5 1	5 28	2 48	7 24	1 12	18 46	1 18	23 0	0 17	21 59	0 47	18 7	0 24	15 31	0 14	16 8	6 29	7 16	7 2	7 12	2 41	5 20	T 19
W20	11 20	15 57	5 16	5 33	3 1	7 53	1 18	18 52	1 18	23 0	0 17	21 59	0 47	18 7	0 24	15 31	0 14	16 9	6 29	7 16	7 3	7 10	2 40	5 20	W20
T 21	10 59	17 35	5 15	5 43	3 13	8 21	1 25	18 58	1 18	23 0	0 17	22 0	0 47	18 7	0 24	15 30	0 14	16 9	6 29	7 16	7 4	7 8	2 38	5 20	T 21
F 22	10 37	18 19	4 58	5 57	3 23	8 50	1 32	19 4	1 17	23 1	0 16	22 0	0 47	18 8	0 24	15 29	0 14	16 9	6 29	7 17	7 5	7 7	2 37	5 20	F 22
S 23	10 16	18 8	4 28	6 15	3 30	9 18	1 39	19 10	1 17	23 1	0 16	22 0	0 46	18 8	0 24	15 29	0 14	16 9	6 29	7 17	7 6	7 5	2 35	5 20	S 23
S 24	9 54	17 7	3 46	6 37	3 35	9 46	1 46	19 16	1 17	23 1	0 16	22 1	0 46	18 8	0 24	15 28	0 14	16 10	6 28	7 17	7 8	7 3	2 34	5 20	S 24
M25	9 32	15 21	2 55	7 0	3 38	10 14	1 53	19 21	1 16	23 1	0 16	22 1	0 46	18 8	0 24	15 27	0 14	16 10	6 28	7 18	7 9	7 1	2 32	5 19	M25
T 26	9 9	12 55	1 56	7 25	3 38	10 42	2 0	19 27	1 16	23 1	0 16	22 1	0 46	18 8	0 24	15 27	0 14	16 10	6 28	7 18	7 10	7 0	2 31	5 19	T 26
W27	8 47	9 59	0 53	7 51	3 36	11 9	2 7	19 32	1 16	23 1	0 16	22 2	0 46	18 8	0 24	15 26	0 14	16 10	6 28	7 18	7 11	6 58	2 29	5 19	W27
T 28	8 25	6 39	0s13	8 18	3 31	11 36	2 15	19 38	1 15	23 2	0 15	22 2	0 46	18 8	0 24	15 26	0 14	16 10	6 28	7 18	7 12	6 56	2 28	5 19	T 28
F 29	8s 2	3s 3	1s17	8s43	3n25	12n 3	2n22	19s43	1n15	23n 2	0s15	22n 2	0s45	18s 8	0n24	15s25	0n14	16n11	6s28	7n18	7n14	6s55	2s26	5n19	F 29

Julian Day Number = 2872334.5, Delta T = 01h12m36s
Ecliptic obliquity = 23°17'16, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°52'25, Lahiri = 39°59'26

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ASTRODIENST EPHEMERIS for the year 3152
geocentric

MARCH 3152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 36 46	10♓18'49	7♈ 6	27°R36	26♈32	5♐ 7	1♋16	11°R31	23°R25	17♒ 4	13°R31	11♍15	11♍24	12♓38	11♓ 9	S 1
S 2	10 40 42	11°19'31	19° 0	26♒52	27°25	5°33	1°17	11♋29	23♏25	17° 6	13♋30	11°R15	11°20	12°44	11°14	S 2
M 3	10 44 39	12°20'11	1♉ 1	26°15	28°18	5°58	1°18	11°28	23°25	17° 8	13°30	11°15	11°17	12°51	11°18	M 3
T 4	10 48 35	13°20'50	13°13	25°47	29°10	6°24	1°19	11°27	23°25	17°10	13°29	11°15	11°14	12°58	11°22	T 4
W 5	10 52 32	14°21'27	25°38	25°26	0♉ 1	6°49	1°21	11°26	23°24	17°12	13°29	11°15	11°11	13° 4	11°26	W 5
T 6	10 56 28	15°22'03	8♊22	25°13	0°52	7°14	1°23	11°25	23°24	17°14	13°28	11°14	11° 8	13°11	11°31	T 6
F 7	11 0 25	16°22'37	21°26	25°D 8	1°41	7°39	1°25	11°24	23°23	17°16	13°28	11°D14	11° 5	13°18	11°35	F 7
S 8	11 4 22	17°23'10	4♋55	25°10	2°30	8° 3	1°27	11°24	23°23	17°18	13°27	11°15	11° 1	13°24	11°39	S 8
S 9	11 8 18	18°23'40	18°50	25°18	3°18	8°27	1°29	11°23	23°22	17°20	13°27	11°15	10°58	13°31	11°43	S 9
M10	11 12 15	19°24'09	3♌10	25°33	4° 5	8°51	1°32	11°23	23°22	17°22	13°26	11°16	10°55	13°37	11°48	M10
T 11	11 16 11	20°24'36	17°54	25°54	4°51	9°15	1°35	11°23	23°21	17°24	13°26	11°17	10°52	13°44	11°52	T 11
W12	11 20 8	21°25'02	2♍56	26°20	5°36	9°38	1°38	11°22	23°20	17°26	13°26	11°17	10°49	13°51	11°56	W12
T 13	11 24 4	22°25'25	18° 9	26°51	6°20	10° 1	1°41	11°D22	23°20	17°28	13°25	11°R17	10°46	13°57	12° 0	T 13
F 14	11 28 1	23°25'47	3♎22	27°27	7° 3	10°24	1°44	11°22	23°19	17°30	13°25	11°16	10°42	14° 4	12° 4	F 14
S 15	11 31 57	24°26'08	18°26	28° 7	7°45	10°47	1°48	11°23	23°18	17°32	13°25	11°15	10°39	14°11	12° 9	S 15
S 16	11 35 54	25°26'27	3♏13	28°51	8°25	11° 9	1°51	11°23	23°17	17°34	13°24	11°13	10°36	14°17	12°13	S 16
M17	11 39 51	26°26'45	17°35	29°39	9° 5	11°31	1°55	11°23	23°16	17°36	13°24	11°12	10°33	14°24	12°17	M17
T 18	11 43 47	27°27'01	1♐31	0♓30	9°43	11°52	2° 0	11°24	23°15	17°38	13°24	11°10	10°30	14°31	12°21	T 18
W19	11 47 44	28°27'16	14°58	1°24	10°20	12°13	2° 4	11°24	23°14	17°40	13°24	11° 8	10°26	14°37	12°25	W19
T 20	11 51 40	29°27'30	27°59	2°22	10°56	12°34	2° 8	11°25	23°13	17°41	13°23	11°D 8	10°23	14°44	12°29	T 20
F 21	11 55 37	0♈27'42	10♑36	3°22	11°30	12°55	2°13	11°26	23°12	17°43	13°23	11° 8	10°20	14°51	12°33	F 21
S 22	11 59 33	1°27'53	22°55	4°25	12° 3	13°15	2°18	11°27	23°10	17°45	13°23	11° 9	10°17	14°57	12°38	S 22
S 23	12 3 30	2°28'02	4♒59	5°30	12°34	13°34	2°23	11°28	23° 9	17°47	13°23	11°11	10°14	15° 4	12°42	S 23
M24	12 7 26	3°28'10	16°54	6°37	13° 4	13°54	2°28	11°29	23° 8	17°48	13°23	11°13	10°11	15°10	12°46	M24
T 25	12 11 23	4°28'16	28°42	7°47	13°32	14°13	2°33	11°30	23° 6	17°50	13°23	11°14	10° 7	15°17	12°50	T 25
W26	12 15 20	5°28'21	10♓28	8°59	13°59	14°31	2°39	11°32	23° 5	17°52	13°23	11°R15	10° 4	15°24	12°54	W26
T 27	12 19 16	6°28'23	22°15	10°12	14°24	14°50	2°44	11°33	23° 3	17°53	13°23	11°14	10° 1	15°30	12°58	T 27
F 28	12 23 13	7°28'24	4♈ 6	11°28	14°47	15° 7	2°50	11°35	23° 2	17°55	13°D23	11°12	9°58	15°37	13° 2	F 28
S 29	12 27 9	8°28'23	16° 1	12°45	15° 8	15°25	2°56	11°37	23° 0	17°57	13°23	11° 9	9°55	15°44	13° 6	S 29
S 30	12 31 6	9°28'21	28° 5	14° 3	15°27	15°42	3° 2	11°38	22°59	17°58	13°23	11° 5	9°51	15°50	13°10	S 30
M31	12 35 2	10♈28'16	10♉17	15♓24	15♉45	15♐58	3♋ 9	11♋40	22♏57	18♒ 0	13♋23	10♍59	9♍48	15♓57	13♓13	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s39	0n40	2s19	9s 9	3n17	12n30	2n30	19s48	1n14	23n 2	0s15	22n 2	0s45	18s 8	0n24	15s24	0n14	16n11	6s27	7n18	7n15	6s53	2s25	5n19
S 2	7 16	4 23	3 15	9 32	3 8	12 56	2 37	19 53	1 14	23 2	0 15	22 3	0 45	18 8	0 24	15 24	0 14	16 11	6 27	7 18	7 16	6 51	2 23	5 19
M 3	6 53	7 57	4 3	9 54	2 57	13 22	2 45	19 58	1 13	23 2	0 15	22 3	0 45	18 7	0 24	15 23	0 14	16 11	6 27	7 18	7 17	6 50	2 22	5 19
T 4	6 30	11 14	4 41	10 15	2 46	13 48	2 52	20 2	1 13	23 2	0 15	22 3	0 45	18 7	0 24	15 22	0 14	16 12	6 27	7 18	7 18	6 48	2 20	5 19
W 5	6 7	14 5	5 6	10 33	2 34	14 13	3 0	20 7	1 13	23 3	0 14	22 4	0 45	18 7	0 24	15 22	0 14	16 12	6 27	7 18	7 20	6 46	2 18	5 19
T 6	5 44	16 20	5 18	10 49	2 21	14 38	3 8	20 12	1 12	23 3	0 14	22 4	0 44	18 7	0 24	15 21	0 14	16 12	6 26	7 18	7 21	6 44	2 17	5 19
F 7	5 21	17 48	5 13	11 3	2 8	15 3	3 16	20 16	1 12	23 3	0 14	22 4	0 44	18 7	0 24	15 21	0 14	16 12	6 26	7 18	7 22	6 43	2 15	5 19
S 8	4 57	18 21	4 52	11 15	1 55	15 27	3 24	20 21	1 11	23 3	0 14	22 4	0 44	18 7	0 24	15 20	0 14	16 13	6 26	7 18	7 23	6 41	2 14	5 19
S 9	4 34	17 48	4 12	11 24	1 42	15 51	3 32	20 25	1 11	23 3	0 14	22 4	0 44	18 7	0 24	15 19	0 14	16 13	6 26	7 18	7 24	6 39	2 12	5 19
M10	4 10	16 8	3 17	11 32	1 29	16 15	3 39	20 29	1 10	23 3	0 14	22 5	0 44	18 7	0 24	15 19	0 14	16 13	6 26	7 18	7 26	6 37	2 11	5 19
T 11	3 47	13 22	2 6	11 37	1 16	16 38	3 47	20 33	1 10	23 3	0 13	22 5	0 44	18 6	0 24	15 18	0 14	16 13	6 26	7 17	7 27	6 36	2 9	5 19
W12	3 23	9 39	0 46	11 41	1 3	17 0	3 56	20 37	1 9	23 3	0 13	22 5	0 43	18 6	0 24	15 18	0 14	16 13	6 25	7 17	7 28	6 34	2 7	5 19
T 13	2 59	5 15	0n38	11 42	0 50	17 23	4 4	20 41	1 8	23 4	0 13	22 5	0 43	18 6	0 24	15 17	0 14	16 14	6 25	7 17	7 29	6 32	2 6	5 19
F 14	2 36	0 30	2 0	11 41	0 38	17 45	4 12	20 45	1 8	23 4	0 13	22 5	0 43	18 6	0 24	15 16	0 14	16 14	6 25	7 18	7 30	6 31	2 4	5 19
S 15	2 12	4s13	3 12	11 39	0 26	18 6	4 20	20 49	1 7	23 4	0 13	22 6	0 43	18 6	0 24	15 16	0 14	16 14	6 25	7 18	7 32	6 29	2 3	5 19
S 16	1 48	8 35	4 10	11 34	0 15	18 27	4 28	20 52	1 7	23 4	0 13	22 6	0 43	18 5	0 24	15 15	0 14	16 14	6 25	7 19	7 33	6 27	2 1	5 19
M17	1 24	12 19	4 51	11 28	0 3	18 47	4 36	20 56	1 6	23 4	0 12	22 6	0 42	18 5	0 24	15 15	0 14	16 14	6 24	7 19	7 34	6 25	2 0	5 19
T 18	1 0	15 14	5 12	11 21	0s 8	19 7	4 44	20 59	1 5	23 4	0 12	22 6	0 42	18 5	0 24	15 14	0 14	16 15	6 24	7 20	7 35	6 24	1 58	5 19
W19	0 37	17 13	5 16	11 11	0 18	19 27	4 52	21 3	1 5	23 4	0 12	22 6	0 42	18 5	0 24	15 14	0 14	16 15	6 24	7 21	7 36	6 22	1 56	5 19
T 20	0 13	18 13	5 3	11 0	0 28	19 46	5 0	21 6	1 4	23 4	0 12	22 6	0 42	18 4	0 24	15 13	0 14	16 15	6 24	7 21	7 38	6 20	1 55	5 19
F 21	0n11	18 17	4 36	10 48	0 38	20 4	5 8	21 10	1 3	23 4	0 12	22 6	0 42	18 4	0 24	15 12	0 14	16 15	6 24	7 21	7 39	6 18	1 53	5 19
S 22	0 35	17 28	3 57	10 34	0 47	20 22	5 16	21 13	1 2	23 4	0 12	22 6	0 42	18 4	0 24	15 12	0 14	16 15	6 23	7 20	7 40	6 17	1 52	5 19
S 23	0 59	15 52	3 7	10 18	0 56	20 39	5 24	21 16	1 2	23 4	0 12	22 7	0 41	18 3	0 24	15 11	0 14	16 16	6 23	7 20	7 41	6 15	1 50	5 19
M24	1 22	13 36	2 11	10 1	1 4	20 56	5 32	21 19	1 1	23 5	0 11	22 7	0 41	18 3	0 24	15 11	0 14	16 16	6 23	7 19	7 42	6 13	1 49	5 19
T 25	1 46	10 47	1 9	9 43	1 12	21 12	5 40	21 22	1 0	23 5	0 11	22 7	0 41	18 3	0 24	15 10	0 14	16 16	6 23	7 18	7 44	6 12	1 47	5 19
W26	2 10	7 32	0 4	9 23	1 20	21 27	5 47	21 25	0 59	23 5	0 11	22 7	0 41	18 2	0 24	15 10	0 14	16 16	6 23	7 18	7 45	6 10	1 45	5 19
T 27	2 33	3 59	1s 0	9 2	1 27	21 42	5 55	21 28	0 58	23 5	0 11	22 7	0 41	18 2	0 24	15 9	0 14	16 16	6 23	7 18	7 46	6 8	1 44	5 19
F 28	2 57	0 16	2 3	8 40	1 34	21 56	6 3	21 31	0 57	23 5	0 11	22 7	0 41	18 2	0 24	15 9	0 14	16 17	6 22	7 19	7 47	6 6	1 42	5 19
S 29	3 20	3n30	3 0	8 17	1 40	22 10	6 10	21 34	0 56	23 5	0 11	22 7	0 40	18 1	0 24	15 8	0 14	16 17	6 22	7 20	7 48	6 5	1 41	5 19
S 30	3 44	7 9	3 49	7 52	1 46	22 22	6 17	21 36	0 55	23 5	0 11	22 7	0 40	18 1	0 24	15 8	0 14	16 17	6 22	7 22	7 49	6 3	1 39	5 19
M31	4n 7	10n32	4s29	7s26	1s52	22n34	6n24	21s39	0n55	23n 5	0s10	22n 7	0s40	18s 0	0n24	15s 7	0n14	16n17	6s22	7n24	7n51	6s 1	1s38	5n19

Julian Day Number = 2872363.5, Delta T = 01h12m36s
Ecliptic obliquity = 23°17'17, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°52'29, Lahiri = 39°59'30

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ASTRODIENST EPHEMERIS for the year 3152
geocentric

APRIL 3152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 38 59	11♈28'10	22♉39	16♓46	16♉ 0	16♐14	3♋15	11♋42	22°R56	18♒ 1	13♋23	10°R54	9♍45	16♓ 4	13♓17	T 1
W 2	12 42 55	12°28'01	5♊14	18° 9	16°13	16°30	3°22	11°45	22♏54	18° 3	13°23	10♍49	9°42	16°10	13°21	W 2
T 3	12 46 52	13°27'50	18° 3	19°34	16°24	16°45	3°28	11°47	22°52	18° 4	13°23	10°45	9°39	16°17	13°25	T 3
F 4	12 50 48	14°27'37	1♋ 8	21° 0	16°33	16°59	3°35	11°49	22°50	18° 6	13°23	10°43	9°36	16°24	13°29	F 4
S 5	12 54 45	15°27'22	14°32	22°28	16°39	17°13	3°42	11°52	22°48	18° 7	13°24	10°D42	9°32	16°30	13°33	S 5
S 6	12 58 42	16°27'05	28°15	23°57	16°43	17°27	3°50	11°54	22°47	18° 9	13°24	10°43	9°29	16°37	13°36	S 6
M 7	13 2 38	17°26'46	12♌19	25°27	16°R45	17°40	3°57	11°57	22°45	18°10	13°24	10°44	9°26	16°43	13°40	M 7
T 8	13 6 35	18°26'24	26°44	26°59	16°44	17°53	4° 5	12° 0	22°43	18°12	13°24	10°45	9°23	16°50	13°44	T 8
W 9	13 10 31	19°26'00	11♍27	28°32	16°41	18° 5	4°12	12° 3	22°41	18°13	13°25	10°R46	9°20	16°57	13°47	W 9
T 10	13 14 28	20°25'34	26°23	0♈ 7	16°36	18°16	4°20	12° 5	22°39	18°14	13°25	10°45	9°17	17° 3	13°51	T 10
F 11	13 18 24	21°25'05	11♎25	1°42	16°27	18°27	4°28	12° 9	22°37	18°15	13°25	10°42	9°13	17°10	13°54	F 11
S 12	13 22 21	22°24'35	26°24	3°19	16°17	18°38	4°36	12°12	22°35	18°17	13°26	10°37	9°10	17°17	13°58	S 12
S 13	13 26 17	23°24'03	11♏12	4°58	16° 4	18°48	4°44	12°15	22°33	18°18	13°26	10°31	9° 7	17°23	14° 2	S 13
M14	13 30 14	24°23'29	25°40	6°38	15°48	18°57	4°53	12°18	22°30	18°19	13°26	10°24	9° 4	17°30	14° 5	M14
T 15	13 34 11	25°22'53	9♐43	8°19	15°30	19° 6	5° 1	12°22	22°28	18°20	13°27	10°17	9° 1	17°37	14° 8	T 15
W16	13 38 7	26°22'16	23°18	10° 1	15°10	19°14	5°10	12°25	22°26	18°21	13°27	10°12	8°57	17°43	14°12	W16
T 17	13 42 4	27°21'36	6♑26	11°45	14°47	19°21	5°18	12°29	22°24	18°22	13°28	10° 7	8°54	17°50	14°15	T 17
F 18	13 46 0	28°20'55	19° 8	13°30	14°22	19°28	5°27	12°33	22°22	18°24	13°28	10° 5	8°51	17°57	14°19	F 18
S 19	13 49 57	29°20'13	1♒28	15°16	13°55	19°34	5°36	12°37	22°19	18°25	13°29	10°D 5	8°48	18° 3	14°22	S 19
S 20	13 53 53	0♉19'28	13°33	17° 4	13°26	19°40	5°45	12°41	22°17	18°26	13°29	10° 5	8°45	18°10	14°25	S 20
M21	13 57 50	1°18'42	25°26	18°54	12°56	19°45	5°55	12°45	22°15	18°27	13°30	10° 7	8°42	18°17	14°28	M21
T 22	14 1 46	2°17'54	7♓13	20°44	12°24	19°49	6° 4	12°49	22°12	18°28	13°30	10°R 8	8°38	18°23	14°32	T 22
W23	14 5 43	3°17'05	18°59	22°36	11°50	19°52	6°13	12°53	22°10	18°28	13°31	10° 7	8°35	18°30	14°35	W23
T 24	14 9 40	4°16'13	0♈48	24°30	11°15	19°55	6°23	12°57	22° 8	18°29	13°31	10° 5	8°32	18°36	14°38	T 24
F 25	14 13 36	5°15'20	12°44	26°25	10°39	19°57	6°33	13° 2	22° 5	18°30	13°32	10° 0	8°29	18°43	14°41	F 25
S 26	14 17 33	6°14'24	24°49	28°21	10° 2	19°58	6°42	13° 6	22° 3	18°31	13°33	9°53	8°26	18°50	14°44	S 26
S 27	14 21 29	7°13'27	7♉ 5	0♉19	9°25	19°R59	6°52	13°11	22° 0	18°32	13°33	9°43	8°23	18°56	14°47	S 27
M28	14 25 26	8°12'28	19°32	2°18	8°48	19°59	7° 2	13°15	21°58	18°33	13°34	9°33	8°19	19° 3	14°50	M28
T 29	14 29 22	9°11'27	2♊12	4°19	8°10	19°58	7°12	13°20	21°55	18°33	13°35	9°22	8°16	19°10	14°53	T 29
W30	14 33 19	10♉10'24	15♊ 4	6♉21	7♉32	19♐56	7♋23	13♋25	21♏53	18♒34	13♋35	9♍12	8♍13	19♓16	14♓55	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n31	13n31	4s57	6s59	1s57	22n45	6n31	21s42	0n54	23n 5	0s10	22n 7	0s40	18s 0	0n24	15s 7	0n14	16n17	6s22	7n26	7n52	5s59	1s36	5n19
W 2	4 54	15 56	5 11	6 31	2 1	22 56	6 38	21 44	0 53	23 5	0 10	22 7	0 40	17 59	0 24	15 6	0 14	16 18	6 21	7 28	7 53	5 58	1 35	5 20
T 3	5 17	17 36	5 10	6 2	2 5	23 5	6 44	21 47	0 51	23 5	0 10	22 7	0 40	17 59	0 24	15 6	0 14	16 18	6 21	7 29	7 54	5 56	1 33	5 20
F 4	5 40	18 24	4 53	5 32	2 9	23 13	6 50	21 49	0 50	23 5	0 10	22 7	0 39	17 59	0 24	15 6	0 14	16 18	6 21	7 30	7 55	5 54	1 32	5 20
S 5	6 3	18 12	4 20	5 0	2 13	23 21	6 56	21 52	0 49	23 5	0 10	22 7	0 39	17 58	0 24	15 5	0 14	16 18	6 21	7 30	7 57	5 52	1 30	5 20
S 6	6 26	16 56	3 31	4 28	2 16	23 27	7 2	21 54	0 48	23 4	0 10	22 7	0 39	17 58	0 24	15 5	0 14	16 18	6 21	7 30	7 58	5 51	1 29	5 20
M 7	6 48	14 37	2 29	3 54	2 18	23 33	7 7	21 56	0 47	23 4	0 9	22 6	0 39	17 57	0 24	15 4	0 14	16 18	6 20	7 30	7 59	5 49	1 27	5 20
T 8	7 11	11 20	1 16	3 20	2 20	23 37	7 12	21 59	0 46	23 4	0 9	22 6	0 39	17 57	0 24	15 4	0 14	16 19	6 20	7 29	8 0	5 47	1 26	5 20
W 9	7 34	7 17	0n 4	2 45	2 22	23 41	7 16	22 1	0 45	23 4	0 9	22 6	0 39	17 56	0 24	15 4	0 14	16 19	6 20	7 29	8 1	5 45	1 24	5 20
T 10	7 56	2 43	1 24	2 8	2 23	23 43	7 20	22 3	0 43	23 4	0 9	22 6	0 38	17 56	0 24	15 3	0 14	16 19	6 20	7 29	8 3	5 43	1 23	5 20
F 11	8 18	2s 3	2 39	1 31	2 23	23 44	7 23	22 5	0 42	23 4	0 9	22 6	0 38	17 55	0 24	15 3	0 14	16 19	6 20	7 30	8 4	5 42	1 21	5 21
S 12	8 40	6 40	3 43	0 53	2 24	23 43	7 26	22 8	0 41	23 4	0 9	22 6	0 38	17 55	0 24	15 2	0 14	16 19	6 19	7 32	8 5	5 40	1 20	5 21
S 13	9 2	10 48	4 30	0 14	2 23	23 42	7 29	22 10	0 39	23 4	0 9	22 6	0 38	17 54	0 24	15 2	0 14	16 19	6 19	7 35	8 6	5 38	1 18	5 21
M14	9 24	14 12	4 59	0n26	2 23	23 39	7 31	22 12	0 38	23 3	0 8	22 6	0 38	17 54	0 24	15 2	0 14	16 20	6 19	7 37	8 7	5 36	1 17	5 21
T 15	9 45	16 40	5 9	1 6	2 21	23 34	7 32	22 14	0 37	23 3	0 8	22 6	0 38	17 53	0 24	15 1	0 14	16 20	6 19	7 40	8 8	5 35	1 15	5 21
W16	10 7	18 6	5 1	1 48	2 20	23 29	7 32	22 16	0 35	23 3	0 8	22 5	0 38	17 52	0 24	15 1	0 14	16 20	6 19	7 42	8 10	5 33	1 14	5 21
T 17	10 28	18 31	4 38	2 30	2 18	23 21	7 32	22 18	0 34	23 3	0 8	22 5	0 37	17 52	0 24	15 1	0 14	16 20	6 19	7 44	8 11	5 31	1 12	5 21
F 18	10 49	17 58	4 1	3 13	2 15	23 13	7 31	22 20	0 32	23 3	0 8	22 5	0 37	17 51	0 24	15 0	0 14	16 20	6 18	7 44	8 12	5 29	1 11	5 22
S 19	11 10	16 33	3 14	3 57	2 12	23 3	7 29	22 22	0 31	23 2	0 8	22 5	0 37	17 51	0 24	15 0	0 14	16 20	6 18	7 45	8 13	5 28	1 10	5 22
S 20	11 31	14 26	2 19	4 41	2 8	22 52	7 26	22 24	0 29	23 2	0 8	22 5	0 37	17 50	0 24	15 0	0 14	16 20	6 18	7 44	8 14	5 26	1 8	5 22
M21	11 51	11 44	1 19	5 26	2 4	22 39	7 23	22 26	0 27	23 2	0 8	22 4	0 37	17 50	0 24	14 59	0 14	16 21	6 18	7 44	8 16	5 24	1 7	5 22
T 22	12 12	8 34	0 16	6 12	2 0	22 25	7 19	22 28	0 26	23 2	0 7	22 4	0 37	17 49	0 24	14 59	0 14	16 21	6 18	7 43	8 17	5 22	1 5	5 22
W23	12 32	5 4	0s48	6 58	1 55	22 10	7 14	22 30	0 24	23 1	0 7	22 4	0 36	17 48	0 24	14 59	0 14	16 21	6 17	7 44	8 18	5 20	1 4	5 22
T 24	12 52	1 21	1 49	7 45	1 49	21 53	7 8	22 32	0 22	23 1	0 7	22 4	0 36	17 48	0 24	14 59	0 14	16 21	6 17	7 45	8 19	5 19	1 3	5 23
F 25	13 11	2n27	2 46	8 32	1 43	21 35	7 1	22 34	0 20	23 1	0 7	22 3	0 36	17 47	0 24	14 58	0 14	16 21	6 17	7 46	8 20	5 17	1 1	5 23
S 26	13 31	6 12	3 36	9 19	1 36	21 16	6 54	22 36	0 18	23 0	0 7	22 3	0 36	17 46	0 24	14 58	0 14	16 21	6 17	7 49	8 21	5 15	1 0	5 23
S 27	13 50	9 44	4 17	10 7	1 29	20 56	6 45	22 38	0 16	23 0	0 7	22 3	0 36	17 46	0 24	14 58	0 14	16 21	6 17	7 52	8 23	5 13	0 59	5 23
M28	14 9	12 54	4 46	10 55	1 22	20 35	6 36	22 40	0 14	22 59	0 7	22 2	0 36	17 45	0 24	14 58	0 14	16 21	6 16	7 56	8 24	5 11	0 57	5 23
T 29	14 28	15 32	5 2	11 43	1 14	20 14	6 26	22 42	0 12	22 59	0 7	22 2	0 36	17 45	0 24	14 57	0 14	16 22	6 16	8 1	8 25	5 10	0 56	5 24
W30	14n47	17n27	5s 3	12n31	1s 6	19n51	6n16	22s44	0n10	22n59	0s 6	22n 2	0s35	17s44	0n24	14s57	0n14	16n22	6s16	8n 4	8n26	5s 8	0s55	5n24

Julian Day Number = 2872394.5, Delta T = 01h12m37s
Ecliptic obliquity = 23°17'17, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°52'33, Lahiri = 39°59'34

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ASTRODIENST EPHEMERIS for the year 3152
geocentric

MAY 3152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 37 15	11♉ 9'19	28♊ 9	8♉23	6°R55	19°R54	7♋33	13♋30	21°R50	18♒35	13♋36	9°R 3	8♍10	19♓23	14♓58	T 1
F 2	14 41 12	12° 8'12	11♋25	10°28	6♉19	19♐51	7°43	13°35	21♏48	18°35	13°37	8♍57	8° 7	19°30	15° 1	F 2
S 3	14 45 8	13° 7'03	24°54	12°33	5°44	19°47	7°54	13°40	21°45	18°36	13°38	8°53	8° 3	19°36	15° 4	S 3
S 4	14 49 5	14° 5'51	8♌37	14°39	5° 9	19°42	8° 4	13°45	21°43	18°36	13°38	8°D52	8° 0	19°43	15° 6	S 4
M 5	14 53 2	15° 4'37	22°32	16°45	4°36	19°37	8°15	13°50	21°40	18°37	13°39	8°52	7°57	19°50	15° 9	M 5
T 6	14 56 58	16° 3'21	6♍42	18°52	4° 5	19°31	8°26	13°55	21°38	18°37	13°40	8°R52	7°54	19°56	15°11	T 6
W 7	15 0 55	17° 2'02	21° 4	21° 0	3°35	19°24	8°37	14° 1	21°35	18°38	13°41	8°51	7°51	20° 3	15°14	W 7
T 8	15 4 51	18° 0'42	5♎37	23° 7	3° 7	19°16	8°48	14° 6	21°33	18°38	13°42	8°49	7°48	20° 9	15°16	T 8
F 9	15 8 48	18°59'19	20°16	25°14	2°41	19° 8	8°59	14°11	21°30	18°39	13°43	8°44	7°44	20°16	15°19	F 9
S 10	15 12 44	19°57'54	4♏55	27°21	2°17	18°59	9°10	14°17	21°28	18°39	13°44	8°36	7°41	20°23	15°21	S 10
S 11	15 16 41	20°56'28	19°26	29°27	1°56	18°49	9°21	14°23	21°25	18°39	13°44	8°26	7°38	20°29	15°23	S 11
M12	15 20 37	21°54'59	3♐44	1♊32	1°36	18°38	9°32	14°28	21°22	18°40	13°45	8°15	7°35	20°36	15°26	M12
T 13	15 24 34	22°53'29	17°42	3°35	1°20	18°27	9°44	14°34	21°20	18°40	13°46	8° 4	7°32	20°43	15°28	T 13
W14	15 28 31	23°51'57	1♑16	5°37	1° 5	18°15	9°55	14°40	21°17	18°40	13°47	7°54	7°28	20°49	15°30	W14
T 15	15 32 27	24°50'24	14°24	7°36	0°53	18° 2	10° 7	14°46	21°15	18°40	13°48	7°46	7°25	20°56	15°32	T 15
F 16	15 36 24	25°48'49	27° 9	9°33	0°43	17°48	10°18	14°52	21°12	18°41	13°49	7°41	7°22	21° 3	15°34	F 16
S 17	15 40 20	26°47'12	9♒32	11°28	0°36	17°34	10°30	14°58	21°10	18°41	13°50	7°38	7°19	21° 9	15°36	S 17
S 18	15 44 17	27°45'34	21°38	13°19	0°32	17°19	10°42	15° 4	21° 7	18°41	13°51	7°37	7°16	21°16	15°38	S 18
M19	15 48 13	28°43'54	3♓33	15° 8	0°D29	17° 4	10°54	15°10	21° 5	18°41	13°52	7°37	7°13	21°23	15°40	M19
T 20	15 52 10	29°42'13	15°21	16°53	0°29	16°47	11° 6	15°16	21° 2	18°41	13°54	7°36	7° 9	21°29	15°42	T 20
W21	15 56 6	0♊40'30	27° 9	18°35	0°32	16°30	11°18	15°22	20°59	18°R41	13°55	7°35	7° 6	21°36	15°44	W21
T 22	16 0 3	1°38'46	9♈ 1	20°13	0°37	16°13	11°30	15°29	20°57	18°41	13°56	7°32	7° 3	21°43	15°45	T 22
F 23	16 4 0	2°37'01	21° 2	21°47	0°44	15°55	11°42	15°35	20°54	18°41	13°57	7°26	7° 0	21°49	15°47	F 23
S 24	16 7 56	3°35'14	3♉16	23°18	0°53	15°37	11°54	15°41	20°52	18°41	13°58	7°17	6°57	21°56	15°49	S 24
S 25	16 11 53	4°33'25	15°44	24°44	1° 4	15°18	12° 6	15°48	20°50	18°41	13°59	7° 6	6°54	22° 3	15°50	S 25
M26	16 15 49	5°31'35	28°28	26° 7	1°18	14°58	12°18	15°54	20°47	18°40	14° 0	6°54	6°50	22° 9	15°52	M26
T 27	16 19 46	6°29'43	11♊27	27°26	1°33	14°38	12°31	16° 1	20°45	18°40	14° 1	6°41	6°47	22°16	15°53	T 27
W28	16 23 42	7°27'50	24°41	28°40	1°50	14°18	12°43	16° 8	20°42	18°40	14° 3	6°28	6°44	22°22	15°54	W28
T 29	16 27 39	8°25'55	8♋ 8	29°51	2°10	13°58	12°56	16°14	20°40	18°40	14° 4	6°18	6°41	22°29	15°56	T 29
F 30	16 31 35	9°23'59	21°45	0♋57	2°31	13°37	13° 8	16°21	20°37	18°40	14° 5	6°10	6°38	22°36	15°57	F 30
S 31	16 35 32	10♊22'00	5♌31	1♋58	2♉53	13♐16	13♋21	16♋28	20♏35	18♒39	14♋ 6	6♍ 5	6♍34	22♓42	15♓58	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 5	18n29	4s48	13n19	0s57	19n29	6n 5	22s46	0n 8	22n58	0s 6	22n 1	0s35	17s43	0n24	14s57	0n14	16n22	6s16	8n 8	8n27	5s 6	0s54	5n24
F 2	15 23	18 32	4 17	14 7	0 48	19 5	5 53	22 48	0 6	22 58	0 6	22 1	0 35	17 43	0 24	14 57	0 14	16 22	6 16	8 10	8 29	5 4	0 52	5 24
S 3	15 41	17 32	3 32	14 54	0 38	18 42	5 41	22 50	0 4	22 57	0 6	22 1	0 35	17 42	0 24	14 57	0 14	16 22	6 16	8 11	8 30	5 2	0 51	5 24
S 4	15 58	15 31	2 34	15 41	0 28	18 18	5 28	22 52	0 2	22 57	0 6	22 0	0 35	17 41	0 24	14 56	0 14	16 22	6 15	8 12	8 31	5 1	0 50	5 25
M 5	16 15	12 33	1 26	16 27	0 18	17 54	5 14	22 53	0s 0	22 56	0 6	22 0	0 35	17 41	0 24	14 56	0 14	16 22	6 15	8 12	8 32	4 59	0 49	5 25
T 6	16 32	8 49	0 12	17 12	0 8	17 31	5 1	22 55	0 3	22 56	0 6	22 0	0 35	17 40	0 24	14 56	0 14	16 22	6 15	8 12	8 33	4 57	0 48	5 25
W 7	16 49	4 31	1n 5	17 56	0n 3	17 8	4 47	22 57	0 5	22 55	0 6	21 59	0 34	17 39	0 24	14 56	0 14	16 22	6 15	8 12	8 34	4 55	0 46	5 25
T 8	17 5	0s 7	2 17	18 39	0 14	16 45	4 33	22 59	0 7	22 54	0 6	21 59	0 34	17 39	0 24	14 56	0 14	16 22	6 15	8 13	8 36	4 54	0 45	5 26
F 9	17 21	4 45	3 21	19 21	0 24	16 22	4 18	23 1	0 10	22 54	0 5	21 58	0 34	17 38	0 24	14 56	0 14	16 22	6 15	8 15	8 37	4 52	0 44	5 26
S 10	17 37	9 7	4 12	20 1	0 35	16 0	4 4	23 2	0 12	22 53	0 5	21 58	0 34	17 38	0 24	14 56	0 14	16 23	6 14	8 18	8 38	4 50	0 43	5 26
S 11	17 53	12 53	4 46	20 39	0 46	15 39	3 49	23 4	0 15	22 52	0 5	21 57	0 34	17 37	0 24	14 55	0 14	16 23	6 14	8 21	8 39	4 48	0 42	5 26
M12	18 8	15 50	5 1	21 15	0 56	15 19	3 35	23 6	0 17	22 52	0 5	21 57	0 34	17 36	0 24	14 55	0 14	16 23	6 14	8 25	8 40	4 46	0 41	5 27
T 13	18 23	17 47	4 58	21 49	1 6	14 59	3 20	23 7	0 20	22 51	0 5	21 56	0 34	17 36	0 24	14 55	0 14	16 23	6 14	8 29	8 41	4 44	0 40	5 27
W14	18 37	18 39	4 38	22 21	1 16	14 41	3 6	23 9	0 23	22 50	0 5	21 56	0 33	17 35	0 24	14 55	0 14	16 23	6 14	8 33	8 43	4 43	0 39	5 27
T 15	18 51	18 29	4 3	22 51	1 26	14 23	2 51	23 10	0 25	22 50	0 5	21 55	0 33	17 34	0 24	14 55	0 14	16 23	6 14	8 36	8 44	4 41	0 38	5 27
F 16	19 5	17 22	3 17	23 18	1 35	14 6	2 37	23 12	0 28	22 49	0 5	21 55	0 33	17 34	0 24	14 55	0 14	16 23	6 14	8 38	8 45	4 39	0 37	5 28
S 17	19 19	15 27	2 23	23 43	1 43	13 51	2 23	23 13	0 31	22 48	0 5	21 54	0 33	17 33	0 24	14 55	0 14	16 23	6 13	8 39	8 46	4 37	0 36	5 28
S 18	19 32	12 53	1 24	24 5	1 51	13 36	2 9	23 15	0 33	22 47	0 4	21 54	0 33	17 32	0 24	14 55	0 14	16 23	6 13	8 40	8 47	4 35	0 35	5 28
M19	19 45	9 48	0 22	24 25	1 58	13 23	1 56	23 16	0 36	22 46	0 4	21 53	0 33	17 32	0 24	14 55	0 13	16 23	6 13	8 40	8 49	4 34	0 34	5 28
T 20	19 58	6 22	0s41	24 43	2 4	13 10	1 43	23 17	0 39	22 45	0 4	21 53	0 33	17 31	0 24	14 55	0 13	16 23	6 13	8 40	8 50	4 32	0 33	5 29
W21	20 10	2 41	1 42	24 58	2 10	12 59	1 30	23 18	0 42	22 45	0 4	21 52	0 33	17 30	0 24	14 55	0 13	16 23	6 13	8 40	8 51	4 30	0 32	5 29
T 22	20 22	1n 8	2 38	25 10	2 15	12 49	1 17	23 19	0 45	22 44	0 4	21 52	0 32	17 30	0 24	14 55	0 13	16 23	6 13	8 41	8 52	4 28	0 31	5 29
F 23	20 33	4 56	3 28	25 21	2 19	12 40	1 4	23 20	0 48	22 43	0 4	21 51	0 32	17 29	0 24	14 55	0 13	16 23	6 12	8 44	8 53	4 26	0 30	5 29
S 24	20 44	8 36	4 10	25 29	2 22	12 32	0 52	23 21	0 51	22 42	0 4	21 50	0 32	17 28	0 24	14 55	0 13	16 23	6 12	8 47	8 54	4 24	0 29	5 30
S 25	20 55	11 58	4 40	25 35	2 24	12 25	0 41	23 22	0 53	22 41	0 4	21 50	0 32	17 28	0 24	14 55	0 13	16 23	6 12	8 51	8 56	4 23	0 29	5 30
M26	21 5	14 51	4 57	25 39	2 25	12 18	0 29	23 23	0 56	22 40	0 4	21 49	0 32	17 27	0 24	14 55	0 13	16 23	6 12	8 55	8 57	4 21	0 28	5 30
T 27	21 15	17 4	4 59	25 41	2 26	12 13	0 18	23 23	0 59	22 39	0 4	21 48	0 32	17 27	0 24	14 55	0 13	16 23	6 12	9 0	8 58	4 19	0 27	5 30
W28	21 25	18 26	4 46	25 42	2 25	12 9	0 8	23 24	1 2	22 38	0 3	21 48	0 32	17 26	0 24	14 55	0 13	16 23	6 12	9 5	8 59	4 17	0 26	5 31
T 29	21 34	18 47	4 16	25 41	2 24	12 6	0s 3	23 25	1 5	22 36	0 3	21 47	0 32	17 25	0 24	14 55	0 13	16 23	6 12	9 9	9 0	4 15	0 25	5 31
F 30	21 43	18 4	3 31	25 38	2 21	12 4	0 13	23 25	1 8	22 35	0 3	21 46	0 32	17 25	0 24	14 55	0 13	16 23	6 12	9 12	9 1	4 14	0 25	5 31
S 31	21n52	16n17	2s34	25n34	2n18	12n 3	0s23	23s25	1s11	22n34	0s 3	21n46	0s31	17s24	0n24	14s56	0n13	16n23	6s11	9n13	9n 3	4s12	0s24	5n32

Julian Day Number = 2872424.5, Delta T = 01h12m37s
Ecliptic obliquity = 23°17'16, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°52'38, Lahiri = 39°59'38

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3152
geocentric

JUNE 3152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 39 29	11♊20'00	19♌24	2♋56	3♉18	12°R54	13♋34	16♋35	20°R33	18°R39	14♋ 7	6°R 3	6♍31	22♓49	15♓59	S 1
M 2	16 43 25	12°17'58	3♍23	3°49	3°44	12♐33	13°46	16°42	20♏30	18♒38	14° 9	6♍ 2	6°28	22°56	16° 0	M 2
T 3	16 47 22	13°15'55	17°28	4°37	4°12	12°11	13°59	16°48	20°28	18°38	14°10	6° 2	6°25	23° 2	16° 1	T 3
W 4	16 51 18	14°13'49	1♎38	5°21	4°41	11°49	14°12	16°55	20°26	18°38	14°11	6° 1	6°22	23° 9	16° 2	W 4
T 5	16 55 15	15°11'42	15°52	6° 0	5°12	11°28	14°25	17° 2	20°23	18°37	14°12	5°59	6°19	23°16	16° 3	T 5
F 6	16 59 11	16° 9'33	0♏ 7	6°34	5°44	11° 6	14°37	17° 9	20°21	18°37	14°14	5°53	6°15	23°22	16° 4	F 6
S 7	17 3 8	17° 7'22	14°20	7° 4	6°17	10°44	14°50	17°16	20°19	18°36	14°15	5°46	6°12	23°29	16° 5	S 7
S 8	17 7 4	18° 5'10	28°26	7°29	6°52	10°23	15° 3	17°24	20°17	18°35	14°16	5°35	6° 9	23°36	16° 5	S 8
M 9	17 11 1	19° 2'57	12♐22	7°49	7°28	10° 2	15°16	17°31	20°15	18°35	14°18	5°24	6° 6	23°42	16° 6	M 9
T 10	17 14 58	20° 0'42	26° 1	8° 4	8° 5	9°40	15°29	17°38	20°13	18°34	14°19	5°12	6° 3	23°49	16° 7	T 10
W11	17 18 54	20°58'26	9♑22	8°14	8°43	9°19	15°42	17°45	20°11	18°34	14°20	5° 2	6° 0	23°56	16° 7	W11
T 12	17 22 51	21°56'09	22°23	8°20	9°23	8°59	15°56	17°52	20° 8	18°33	14°22	4°54	5°56	24° 2	16° 8	T 12
F 13	17 26 47	22°53'51	5♒ 2	8°R21	10° 3	8°38	16° 9	18° 0	20° 6	18°32	14°23	4°48	5°53	24° 9	16° 8	F 13
S 14	17 30 44	23°51'31	17°24	8°17	10°45	8°18	16°22	18° 7	20° 4	18°31	14°24	4°44	5°50	24°16	16° 8	S 14
S 15	17 34 40	24°49'11	29°30	8° 9	11°28	7°59	16°35	18°14	20° 2	18°31	14°26	4°D43	5°47	24°22	16° 9	S 15
M16	17 38 37	25°46'50	11♓26	7°57	12°11	7°40	16°48	18°22	20° 1	18°30	14°27	4°43	5°44	24°29	16° 9	M16
T 17	17 42 34	26°44'27	23°15	7°41	12°56	7°21	17° 2	18°29	19°59	18°29	14°28	4°R43	5°40	24°36	16° 9	T 17
W18	17 46 30	27°42'04	5♈ 5	7°21	13°41	7° 3	17°15	18°37	19°57	18°28	14°30	4°43	5°37	24°42	16° 9	W18
T 19	17 50 27	28°39'40	16°59	6°57	14°27	6°45	17°28	18°44	19°55	18°27	14°31	4°41	5°34	24°49	16°R 9	T 19
F 20	17 54 23	29°37'16	29° 4	6°31	15°14	6°28	17°42	18°52	19°53	18°26	14°33	4°37	5°31	24°55	16° 9	F 20
S 21	17 58 20	0♋34'50	11♉22	6° 2	16° 2	6°11	17°55	18°59	19°51	18°26	14°34	4°31	5°28	25° 2	16° 9	S 21
S 22	18 2 16	1°32'24	23°59	5°31	16°51	5°56	18° 9	19° 7	19°50	18°25	14°35	4°23	5°25	25° 9	16° 9	S 22
M23	18 6 13	2°29'57	6♊55	4°59	17°40	5°40	18°22	19°14	19°48	18°24	14°37	4°13	5°21	25°15	16° 9	M23
T 24	18 10 9	3°27'29	20°10	4°26	18°30	5°26	18°36	19°22	19°46	18°23	14°38	4° 3	5°18	25°22	16° 8	T 24
W25	18 14 6	4°25'00	3♋45	3°52	19°21	5°12	18°49	19°29	19°45	18°22	14°40	3°53	5°15	25°29	16° 8	W25
T 26	18 18 3	5°22'31	17°35	3°19	20°12	4°59	19° 3	19°37	19°43	18°20	14°41	3°45	5°12	25°35	16° 8	T 26
F 27	18 21 59	6°20'00	1♌37	2°47	21° 4	4°47	19°16	19°45	19°42	18°19	14°42	3°39	5° 9	25°42	16° 7	F 27
S 28	18 25 56	7°17'29	15°47	2°16	21°56	4°35	19°30	19°52	19°40	18°18	14°44	3°35	5° 6	25°49	16° 7	S 28
S 29	18 29 52	8°14'56	0♍ 1	1°46	22°49	4°25	19°43	20° 0	19°39	18°17	14°45	3°D34	5° 2	25°55	16° 6	S 29
M30	18 33 49	9♋12'23	14♍16	1♋19	23♉43	4♐15	19♋57	20♋ 8	19♏38	18♒16	14♋47	3♍34	4♍59	26♓ 2	16♓ 6	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 0	13n32	1s27	25n28	2n13	12n 2	0s32	23s25	1s14	22n33	0s 3	21n45	0s31	17s23	0n24	14s56	0n13	16n23	6s11	9n14	9n 4	4s10	0s23	5n32
M 2	22 8	9 59	0 14	25 21	2 8	12 2	0 41	23 26	1 17	22 32	0 3	21 44	0 31	17 23	0 24	14 56	0 13	16 23	6 11	9 14	9 5	4 8	0 23	5 32
T 3	22 15	5 51	1n 0	25 13	2 1	12 3	0 50	23 26	1 20	22 31	0 3	21 43	0 31	17 22	0 24	14 56	0 13	16 23	6 11	9 14	9 6	4 6	0 22	5 32
W 4	22 22	1 22	2 11	25 4	1 54	12 5	0 58	23 25	1 22	22 29	0 3	21 43	0 31	17 22	0 24	14 56	0 13	16 23	6 11	9 15	9 7	4 4	0 21	5 33
T 5	22 28	3s13	3 14	24 54	1 45	12 8	1 6	23 25	1 25	22 28	0 3	21 42	0 31	17 21	0 24	14 56	0 13	16 23	6 11	9 16	9 8	4 2	0 21	5 33
F 6	22 34	7 37	4 5	24 43	1 36	12 11	1 14	23 25	1 28	22 27	0 3	21 41	0 31	17 21	0 24	14 56	0 13	16 23	6 11	9 18	9 10	4 1	0 20	5 33
S 7	22 40	11 34	4 41	24 31	1 25	12 15	1 21	23 25	1 31	22 26	0 2	21 40	0 31	17 20	0 24	14 57	0 13	16 23	6 11	9 21	9 11	3 59	0 20	5 33
S 8	22 45	14 49	4 59	24 18	1 14	12 19	1 28	23 24	1 34	22 24	0 2	21 40	0 30	17 19	0 24	14 57	0 13	16 23	6 10	9 24	9 12	3 57	0 19	5 34
M 9	22 50	17 11	4 59	24 5	1 2	12 25	1 35	23 24	1 36	22 23	0 2	21 39	0 30	17 19	0 24	14 57	0 13	16 23	6 10	9 28	9 13	3 55	0 19	5 34
T 10	22 55	18 32	4 42	23 51	0 48	12 30	1 42	23 23	1 39	22 22	0 2	21 38	0 30	17 18	0 24	14 57	0 13	16 23	6 10	9 33	9 14	3 53	0 18	5 34
W11	22 59	18 49	4 10	23 36	0 35	12 37	1 48	23 23	1 42	22 20	0 2	21 37	0 30	17 18	0 24	14 57	0 13	16 23	6 10	9 36	9 15	3 51	0 18	5 35
T 12	23 3	18 4	3 25	23 21	0 20	12 43	1 54	23 22	1 44	22 19	0 2	21 36	0 30	17 17	0 24	14 58	0 13	16 23	6 10	9 39	9 17	3 50	0 17	5 35
F 13	23 6	16 27	2 31	23 6	0 4	12 51	2 0	23 22	1 47	22 17	0 2	21 36	0 30	17 17	0 24	14 58	0 13	16 23	6 10	9 42	9 18	3 48	0 17	5 35
S 14	23 9	14 5	1 31	22 50	0s12	12 58	2 5	23 21	1 49	22 16	0 2	21 35	0 30	17 16	0 24	14 58	0 13	16 23	6 10	9 43	9 19	3 46	0 16	5 35
S 15	23 11	11 8	0 28	22 34	0 28	13 6	2 10	23 20	1 52	22 14	0 2	21 34	0 30	17 16	0 24	14 58	0 13	16 23	6 10	9 43	9 20	3 44	0 16	5 36
M16	23 13	7 47	0s36	22 18	0 46	13 15	2 15	23 19	1 54	22 13	0 2	21 33	0 30	17 15	0 23	14 58	0 13	16 23	6 10	9 43	9 21	3 42	0 16	5 36
T 17	23 15	4 9	1 37	22 1	1 3	13 24	2 20	23 19	1 56	22 11	0 2	21 32	0 30	17 15	0 23	14 59	0 13	16 23	6 10	9 43	9 22	3 40	0 15	5 36
W18	23 16	0 22	2 35	21 45	1 20	13 33	2 24	23 18	1 59	22 10	0 1	21 31	0 29	17 14	0 23	14 59	0 13	16 23	6 9	9 43	9 24	3 38	0 15	5 37
T 19	23 17	3n28	3 26	21 28	1 38	13 42	2 29	23 17	2 1	22 8	0 1	21 30	0 29	17 14	0 23	14 59	0 13	16 23	6 9	9 44	9 25	3 37	0 15	5 37
F 20	23 17	7 12	4 8	21 12	1 56	13 52	2 33	23 16	2 3	22 6	0 1	21 29	0 29	17 13	0 23	15 0	0 13	16 23	6 9	9 45	9 26	3 35	0 15	5 37
S 21	23 17	10 42	4 40	20 56	2 13	14 2	2 36	23 16	2 5	22 5	0 1	21 28	0 29	17 13	0 23	15 0	0 13	16 23	6 9	9 48	9 27	3 33	0 14	5 37
S 22	23 17	13 49	4 59	20 41	2 30	14 12	2 40	23 15	2 7	22 3	0 1	21 27	0 29	17 13	0 23	15 0	0 13	16 23	6 9	9 51	9 28	3 31	0 14	5 38
M23	23 16	16 20	5 4	20 26	2 46	14 23	2 43	23 14	2 9	22 1	0 1	21 26	0 29	17 12	0 23	15 0	0 13	16 23	6 9	9 54	9 29	3 29	0 14	5 38
T 24	23 15	18 4	4 52	20 12	3 1	14 34	2 46	23 13	2 11	22 0	0 1	21 25	0 29	17 12	0 23	15 1	0 13	16 22	6 9	9 58	9 30	3 27	0 14	5 38
W25	23 13	18 50	4 24	19 58	3 16	14 44	2 49	23 13	2 13	21 58	0 1	21 24	0 29	17 11	0 23	15 1	0 13	16 22	6 9	10 1	9 32	3 25	0 14	5 39
T 26	23 11	18 30	3 40	19 45	3 29	14 55	2 52	23 12	2 15	21 56	0 1	21 23	0 29	17 11	0 23	15 1	0 13	16 22	6 9	10 4	9 33	3 24	0 14	5 39
F 27	23 8	17 2	2 43	19 34	3 42	15 6	2 54	23 12	2 17	21 54	0 1	21 22	0 29	17 11	0 23	15 2	0 13	16 22	6 9	10 6	9 34	3 22	0 13	5 39
S 28	23 5	14 30	1 34	19 23	3 53	15 18	2 56	23 11	2 18	21 52	0 0	21 21	0 28	17 10	0 23	15 2	0 13	16 22	6 9	10 8	9 35	3 20	0 13	5 39
S 29	23 2	11 6	0 19	19 13	4 3	15 29	2 58	23 11	2 20	21 51	0 0	21 20	0 28	17 10	0 23	15 2	0 13	16 22	6 9	10 8	9 36	3 18	0 13	5 40
M30	22n58	7n 2	0n57	19n 5	4s12	15n40	3s 0	23s11	2s21	21n49	0s 0	21n19	0s28	17s 9	0n23	15s 3	0n13	16n22	6s 9	10n 8	9n37	3s16	0s13	5n40

Julian Day Number = 2872455.5, Delta T = 01h12m38s
Ecliptic obliquity = 23°17'16, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°52'42, Lahiri = 39°59'42

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ASTRODIENST EPHEMERIS for the year 3152
geocentric

JULY 3152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 37 45	10♋ 9'48	28♍28	0°R55	24♉37	4°R 6	20♋11	20♋15	19°R36	18°R15	14♋48	3♍35	4♍56	26♓ 9	16°R 5	T 1
W 2	18 41 42	11° 7'12	12♎38	0♋34	25°32	3♐57	20°24	20°23	19♏35	18♒14	14°50	3°R36	4°53	26°15	16♓ 4	W 2
T 3	18 45 38	12° 4'35	26°42	0°17	26°27	3°50	20°38	20°31	19°34	18°12	14°51	3°35	4°50	26°22	16° 3	T 3
F 4	18 49 35	13° 1'58	10♏40	0° 4	27°22	3°43	20°51	20°38	19°32	18°11	14°52	3°32	4°46	26°29	16° 3	F 4
S 5	18 53 32	13°59'19	24°31	29♊54	28°18	3°37	21° 5	20°46	19°31	18°10	14°54	3°27	4°43	26°35	16° 2	S 5
S 6	18 57 28	14°56'40	8♐12	29°49	29°15	3°33	21°19	20°54	19°30	18° 9	14°55	3°20	4°40	26°42	16° 1	S 6
M 7	19 1 25	15°54'00	21°41	29°D49	0♊12	3°28	21°32	21° 2	19°29	18° 7	14°57	3°12	4°37	26°49	16° 0	M 7
T 8	19 5 21	16°51'19	4♑57	29°53	1° 9	3°25	21°46	21°10	19°28	18° 6	14°58	3° 5	4°34	26°55	15°59	T 8
W 9	19 9 18	17°48'38	17°57	0♋ 1	2° 7	3°23	22° 0	21°17	19°27	18° 5	15° 0	2°57	4°31	27° 2	15°57	W 9
T 10	19 13 14	18°45'56	0♒42	0°14	3° 5	3°21	22°13	21°25	19°26	18° 3	15° 1	2°52	4°27	27° 9	15°56	T 10
F 11	19 17 11	19°43'14	13°11	0°32	4° 4	3°20	22°27	21°33	19°25	18° 2	15° 2	2°48	4°24	27°15	15°55	F 11
S 12	19 21 7	20°40'31	25°26	0°55	5° 3	3°D20	22°41	21°41	19°25	18° 1	15° 4	2°46	4°21	27°22	15°54	S 12
S 13	19 25 4	21°37'48	7♓28	1°22	6° 2	3°21	22°55	21°48	19°24	17°59	15° 5	2°D46	4°18	27°29	15°52	S 13
M14	19 29 1	22°35'05	19°22	1°54	7° 2	3°23	23° 8	21°56	19°23	17°58	15° 7	2°47	4°15	27°35	15°51	M14
T 15	19 32 57	23°32'22	1♈12	2°31	8° 2	3°25	23°22	22° 4	19°22	17°56	15° 8	2°49	4°12	27°42	15°49	T 15
W16	19 36 54	24°29'39	13° 2	3°12	9° 2	3°28	23°36	22°12	19°22	17°55	15°10	2°50	4° 8	27°48	15°48	W16
T 17	19 40 50	25°26'55	24°56	3°57	10° 3	3°32	23°49	22°20	19°21	17°53	15°11	2°R51	4° 5	27°55	15°46	T 17
F 18	19 44 47	26°24'12	7♉ 1	4°47	11° 4	3°37	24° 3	22°27	19°21	17°52	15°12	2°50	4° 2	28° 2	15°45	F 18
S 19	19 48 43	27°21'29	19°21	5°42	12° 5	3°42	24°17	22°35	19°20	17°51	15°14	2°48	3°59	28° 8	15°43	S 19
S 20	19 52 40	28°18'46	2♊ 0	6°40	13° 7	3°48	24°30	22°43	19°20	17°49	15°15	2°44	3°56	28°15	15°41	S 20
M21	19 56 36	29°16'03	15° 1	7°43	14° 8	3°55	24°44	22°51	19°20	17°47	15°17	2°40	3°52	28°22	15°40	M21
T 22	20 0 33	0♌13'20	28°26	8°50	15°11	4° 3	24°58	22°58	19°19	17°46	15°18	2°35	3°49	28°28	15°38	T 22
W23	20 4 30	1°10'38	12♋13	10° 1	16°13	4°12	25°11	23° 6	19°19	17°44	15°19	2°30	3°46	28°35	15°36	W23
T 24	20 8 26	2° 7'55	26°21	11°16	17°16	4°21	25°25	23°14	19°19	17°43	15°21	2°26	3°43	28°42	15°34	T 24
F 25	20 12 23	3° 5'12	10♌45	12°35	18°18	4°31	25°39	23°22	19°19	17°41	15°22	2°23	3°40	28°48	15°32	F 25
S 26	20 16 19	4° 2'30	25°20	13°58	19°21	4°41	25°52	23°29	19°18	17°40	15°24	2°D22	3°37	28°55	15°30	S 26
S 27	20 20 16	4°59'47	9♍59	15°25	20°25	4°53	26° 6	23°37	19°D18	17°38	15°25	2°22	3°33	29° 2	15°28	S 27
M28	20 24 12	5°57'04	24°36	16°56	21°28	5° 5	26°20	23°45	19°18	17°37	15°26	2°23	3°30	29° 8	15°26	M28
T 29	20 28 9	6°54'21	9♎ 6	18°30	22°32	5°17	26°33	23°52	19°19	17°35	15°28	2°24	3°27	29°15	15°24	T 29
W30	20 32 5	7°51'37	23°26	20° 9	23°36	5°31	26°47	24° 0	19°19	17°33	15°29	2°26	3°24	29°22	15°21	W30
T 31	20 36 2	8♌48'54	7♏32	21♋50	24♊40	5♐45	27♋ 0	24♋ 8	19♏19	17♒32	15♋30	2°R26	3♍21	29♓28	15♓19	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n54	2n35	2n10	18n58	4s19	15n52	3s 2	23s10	2s23	21n47	0s 0	21n18	0s28	17s 9	0n23	15s 3	0n13	16n22	6s 9	10n 8	9n39	3s14	0s13	5n40
W 2	22 50	1s58	3 14	18 52	4 25	16 3	3 3	23 10	2 24	21 45	0 0	21 17	0 28	17 9	0 23	15 4	0 13	16 22	6 8	10 8	9 40	3 12	0 13	5 40
T 3	22 45	6 24	4 6	18 48	4 29	16 14	3 5	23 10	2 26	21 43	0 0	21 16	0 28	17 8	0 23	15 4	0 13	16 22	6 8	10 8	9 41	3 11	0 13	5 41
F 4	22 39	10 26	4 44	18 45	4 33	16 26	3 6	23 10	2 27	21 41	0n 0	21 15	0 28	17 8	0 23	15 4	0 13	16 22	6 8	10 9	9 42	3 9	0 14	5 41
S 5	22 34	13 52	5 4	18 43	4 34	16 37	3 7	23 10	2 28	21 39	0 0	21 14	0 28	17 8	0 23	15 5	0 13	16 22	6 8	10 11	9 43	3 7	0 14	5 41
S 6	22 27	16 29	5 6	18 43	4 35	16 48	3 8	23 11	2 30	21 37	0 0	21 13	0 28	17 8	0 23	15 5	0 13	16 21	6 8	10 13	9 44	3 5	0 14	5 41
M 7	22 21	18 10	4 52	18 44	4 34	17 0	3 8	23 11	2 31	21 35	0 0	21 12	0 28	17 7	0 23	15 5	0 13	16 21	6 8	10 16	9 45	3 3	0 14	5 42
T 8	22 14	18 50	4 22	18 46	4 32	17 11	3 9	23 11	2 32	21 33	0 0	21 11	0 28	17 7	0 23	15 6	0 13	16 21	6 8	10 19	9 47	3 1	0 14	5 42
W 9	22 7	18 29	3 38	18 49	4 28	17 22	3 9	23 12	2 33	21 31	0 1	21 10	0 27	17 7	0 23	15 6	0 13	16 21	6 8	10 21	9 48	2 59	0 14	5 42
T 10	21 59	17 11	2 45	18 53	4 24	17 33	3 9	23 13	2 34	21 29	0 1	21 9	0 27	17 7	0 23	15 7	0 13	16 21	6 8	10 23	9 49	2 57	0 15	5 42
F 11	21 51	15 5	1 44	18 58	4 19	17 43	3 9	23 13	2 35	21 27	0 1	21 8	0 27	17 6	0 23	15 7	0 13	16 21	6 8	10 25	9 50	2 56	0 15	5 43
S 12	21 43	12 20	0 40	19 5	4 12	17 54	3 9	23 14	2 36	21 24	0 1	21 6	0 27	17 6	0 23	15 8	0 13	16 21	6 8	10 25	9 51	2 54	0 15	5 43
S 13	21 34	9 7	0s26	19 12	4 5	18 5	3 9	23 15	2 37	21 22	0 1	21 5	0 27	17 6	0 23	15 8	0 13	16 21	6 8	10 25	9 52	2 52	0 15	5 43
M14	21 25	5 33	1 29	19 19	3 57	18 15	3 9	23 16	2 38	21 20	0 1	21 4	0 27	17 6	0 23	15 8	0 13	16 21	6 8	10 25	9 54	2 50	0 16	5 43
T 15	21 15	1 48	2 29	19 27	3 48	18 25	3 8	23 18	2 38	21 18	0 1	21 3	0 27	17 6	0 23	15 9	0 13	16 20	6 8	10 24	9 55	2 48	0 16	5 44
W16	21 5	2n 1	3 22	19 36	3 39	18 35	3 7	23 19	2 39	21 16	0 1	21 2	0 27	17 6	0 23	15 9	0 13	16 20	6 8	10 24	9 56	2 46	0 16	5 44
T 17	20 55	5 46	4 7	19 45	3 29	18 44	3 7	23 20	2 40	21 13	0 1	21 1	0 27	17 6	0 23	15 10	0 13	16 20	6 8	10 24	9 57	2 44	0 17	5 44
F 18	20 44	9 20	4 41	19 54	3 18	18 54	3 6	23 22	2 40	21 11	0 1	20 59	0 27	17 5	0 23	15 10	0 13	16 20	6 8	10 24	9 58	2 42	0 17	5 44
S 19	20 33	12 35	5 4	20 3	3 7	19 3	3 5	23 24	2 41	21 9	0 1	20 58	0 27	17 5	0 23	15 11	0 13	16 20	6 8	10 25	9 59	2 40	0 18	5 44
S 20	20 22	15 20	5 12	20 12	2 55	19 12	3 4	23 25	2 42	21 7	0 2	20 57	0 27	17 5	0 23	15 11	0 13	16 20	6 8	10 26	10 0	2 39	0 18	5 45
M21	20 10	17 24	5 5	20 21	2 43	19 20	3 2	23 27	2 42	21 4	0 2	20 56	0 26	17 5	0 23	15 12	0 13	16 20	6 8	10 28	10 2	2 37	0 19	5 45
T 22	19 58	18 35	4 41	20 29	2 31	19 28	3 1	23 29	2 43	21 2	0 2	20 55	0 26	17 5	0 23	15 12	0 13	16 19	6 8	10 29	10 3	2 35	0 19	5 45
W23	19 46	18 44	4 1	20 37	2 18	19 36	2 59	23 31	2 43	21 0	0 2	20 54	0 26	17 5	0 23	15 13	0 13	16 19	6 8	10 31	10 4	2 33	0 20	5 45
T 24	19 34	17 43	3 5	20 44	2 6	19 44	2 58	23 33	2 44	20 57	0 2	20 52	0 26	17 5	0 22	15 13	0 13	16 19	6 8	10 33	10 5	2 31	0 20	5 45
F 25	19 21	15 34	1 56	20 50	1 52	19 51	2 56	23 36	2 44	20 55	0 2	20 51	0 26	17 5	0 22	15 14	0 13	16 19	6 8	10 33	10 6	2 29	0 21	5 46
S 26	19 7	12 23	0 39	20 55	1 39	19 58	2 54	23 38	2 44	20 52	0 2	20 50	0 26	17 5	0 22	15 14	0 13	16 19	6 8	10 34	10 7	2 27	0 21	5 46
S 27	18 54	8 25	0n42	20 59	1 26	20 5	2 53	23 40	2 45	20 50	0 2	20 49	0 26	17 5	0 22	15 14	0 13	16 19	6 8	10 34	10 8	2 25	0 22	5 46
M28	18 40	3 58	1 59	21 1	1 13	20 11	2 51	23 43	2 45	20 47	0 2	20 47	0 26	17 5	0 22	15 15	0 13	16 19	6 8	10 34	10 10	2 23	0 23	5 46
T 29	18 26	0s42	3 9	21 2	0 59	20 16	2 49	23 46	2 45	20 45	0 2	20 46	0 26	17 5	0 22	15 15	0 13	16 18	6 8	10 33	10 11	2 21	0 23	5 46
W30	18 11	5 15	4 5	21 1	0 46	20 22	2 46	23 48	2 46	20 43	0 2	20 45	0 26	17 5	0 22	15 16	0 13	16 18	6 8	10 33	10 12	2 20	0 24	5 47
T 31	17n56	9s25	4n46	20n59	0s33	20n27	2s44	23s51	2s46	20n40	0n 3	20n44	0s26	17s 5	0n22	15s16	0n13	16n18	6s 8	10n33	10n13	2s18	0s25	5n47

Julian Day Number = 2872485.5, Delta T = 01h12m39s
Ecliptic obliquity = 23°17'16, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°52'46, Lahiri = 39°59'46

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ASTRODIENST EPHEMERIS for the year 3152
geocentric

AUGUST 3152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 39 59	9♌46'10	21♏24	23♋35	25♊45	5♐59	27♋14	24♋15	19♏19	17°R30	15♋32	2°R26	3♍18	29♓35	15°R17	F 1
S 2	20 43 55	10°43'27	5♐ 1	25°24	26°49	6°15	27°27	24°23	19°19	17♒29	15°33	2♍24	3°14	29°42	15♓15	S 2
S 3	20 47 52	11°40'43	18°23	27°15	27°54	6°30	27°41	24°30	19°20	17°27	15°34	2°22	3°11	29°48	15°12	S 3
M 4	20 51 48	12°38'00	1♑30	29°10	28°59	6°47	27°54	24°38	19°20	17°25	15°36	2°19	3° 8	29°55	15°10	M 4
T 5	20 55 45	13°35'17	14°23	1♌ 7	0♋ 4	7° 4	28° 8	24°45	19°20	17°24	15°37	2°16	3° 5	0♈ 2	15° 8	T 5
W 6	20 59 41	14°32'34	27° 2	3° 6	1°10	7°21	28°21	24°53	19°21	17°22	15°38	2°14	3° 2	0° 8	15° 5	W 6
T 7	21 3 38	15°29'51	9♒29	5° 7	2°15	7°40	28°34	25° 0	19°21	17°21	15°40	2°12	2°58	0°15	15° 3	T 7
F 8	21 7 34	16°27'08	21°44	7°10	3°21	7°58	28°48	25° 8	19°22	17°19	15°41	2°11	2°55	0°22	15° 0	F 8
S 9	21 11 31	17°24'26	3♓49	9°15	4°27	8°17	29° 1	25°15	19°23	17°17	15°42	2°D11	2°52	0°28	14°58	S 9
S 10	21 15 28	18°21'45	15°45	11°21	5°33	8°37	29°14	25°23	19°23	17°16	15°43	2°11	2°49	0°35	14°55	S 10
M11	21 19 24	19°19'04	27°37	13°27	6°39	8°57	29°27	25°30	19°24	17°14	15°45	2°12	2°46	0°42	14°52	M11
T 12	21 23 21	20°16'24	9♈25	15°34	7°45	9°18	29°41	25°37	19°25	17°12	15°46	2°13	2°43	0°48	14°50	T 12
W13	21 27 17	21°13'44	21°15	17°42	8°52	9°39	29°54	25°45	19°26	17°11	15°47	2°14	2°39	0°55	14°47	W13
T 14	21 31 14	22°11'05	3♉10	19°49	9°59	10° 1	0♎ 7	25°52	19°27	17° 9	15°48	2°15	2°36	1° 2	14°44	T 14
F 15	21 35 10	23° 8'28	15°15	21°56	11° 6	10°23	0°20	25°59	19°28	17° 8	15°49	2°16	2°33	1° 8	14°42	F 15
S 16	21 39 7	24° 5'51	27°33	24° 2	12°13	10°46	0°33	26° 6	19°29	17° 6	15°51	2°R16	2°30	1°15	14°39	S 16
S 17	21 43 3	25° 3'15	10♊10	26° 7	13°20	11° 9	0°46	26°14	19°30	17° 4	15°52	2°16	2°27	1°22	14°36	S 17
M18	21 47 0	26° 0'40	23° 9	28°12	14°27	11°33	0°59	26°21	19°31	17° 3	15°53	2°15	2°24	1°28	14°33	M18
T 19	21 50 57	26°58'07	6♋32	0♍15	15°35	11°57	1°12	26°28	19°32	17° 1	15°54	2°14	2°20	1°35	14°30	T 19
W20	21 54 53	27°55'34	20°22	2°18	16°42	12°21	1°25	26°35	19°33	16°59	15°55	2°14	2°17	1°42	14°28	W20
T 21	21 58 50	28°53'02	4♎37	4°19	17°50	12°46	1°38	26°42	19°34	16°58	15°56	2°14	2°14	1°48	14°25	T 21
F 22	22 2 46	29°50'31	19°13	6°18	18°58	13°12	1°51	26°49	19°36	16°56	15°57	2°13	2°11	1°55	14°22	F 22
S 23	22 6 43	0♍48'01	4♍ 5	8°16	20° 6	13°38	2° 3	26°56	19°37	16°55	15°58	2°D13	2° 8	2° 2	14°19	S 23
S 24	22 10 39	1°45'32	19° 5	10°13	21°14	14° 4	2°16	27° 3	19°38	16°53	16° 0	2°R13	2° 4	2° 8	14°16	S 24
M25	22 14 36	2°43'04	4♎ 5	12° 8	22°22	14°30	2°29	27°10	19°40	16°52	16° 1	2°13	2° 1	2°15	14°13	M25
T 26	22 18 32	3°40'36	18°57	14° 2	23°31	14°57	2°42	27°16	19°41	16°50	16° 2	2°13	1°58	2°22	14°10	T 26
W27	22 22 29	4°38'10	3♏34	15°54	24°39	15°25	2°54	27°23	19°43	16°49	16° 3	2°13	1°55	2°28	14° 7	W27
T 28	22 26 26	5°35'44	17°51	17°45	25°48	15°53	3° 7	27°30	19°44	16°47	16° 4	2°13	1°52	2°35	14° 4	T 28
F 29	22 30 22	6°33'18	1♐46	19°34	26°57	16°21	3°19	27°36	19°46	16°45	16° 5	2°D13	1°49	2°42	14° 1	F 29
S 30	22 34 19	7°30'54	15°19	21°21	28° 6	16°49	3°31	27°43	19°48	16°44	16° 6	2°13	1°45	2°48	13°58	S 30
S 31	22 38 15	8♍28'30	28♐31	23♍ 7	29♋15	17♐18	3♎44	27♋50	19♏50	16♒43	16♋ 7	2♍13	1♍42	2♈55	13♓55	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n41	13s 1	5n 9	20n54	0s21	20n31	2s42	23s54	2s46	20n38	0n 3	20n42	0s26	17s 5	0n22	15s17	0n13	16n18	6s 8	10n33	10n14	2s16	0s25	5n47
S 2	17 26	15 50	5 15	20 47	0 8	20 36	2 39	23 56	2 46	20 35	0 3	20 41	0 26	17 5	0 22	15 17	0 13	16 18	6 8	10 33	10 15	2 14	0 26	5 47
S 3	17 10	17 45	5 3	20 38	0n 4	20 39	2 37	23 59	2 46	20 32	0 3	20 40	0 25	17 6	0 22	15 18	0 13	16 18	6 8	10 34	10 16	2 12	0 27	5 47
M 4	16 55	18 41	4 35	20 27	0 15	20 43	2 34	24 2	2 46	20 30	0 3	20 39	0 25	17 6	0 22	15 18	0 13	16 18	6 8	10 35	10 18	2 10	0 28	5 47
T 5	16 38	18 38	3 54	20 13	0 26	20 46	2 32	24 5	2 46	20 27	0 3	20 37	0 25	17 6	0 22	15 19	0 13	16 17	6 8	10 36	10 19	2 8	0 29	5 47
W 6	16 22	17 38	3 2	19 56	0 37	20 48	2 29	24 8	2 47	20 25	0 3	20 36	0 25	17 6	0 22	15 19	0 13	16 17	6 8	10 37	10 20	2 6	0 29	5 48
T 7	16 5	15 48	2 2	19 37	0 47	20 50	2 26	24 11	2 47	20 22	0 3	20 35	0 25	17 6	0 22	15 20	0 13	16 17	6 8	10 37	10 21	2 4	0 30	5 48
F 8	15 48	13 16	0 58	19 16	0 56	20 51	2 23	24 14	2 47	20 20	0 3	20 34	0 25	17 6	0 22	15 20	0 13	16 17	6 8	10 38	10 22	2 2	0 31	5 48
S 9	15 31	10 11	0s 9	18 52	1 4	20 52	2 21	24 18	2 47	20 17	0 3	20 32	0 25	17 7	0 22	15 21	0 13	16 17	6 8	10 38	10 23	2 0	0 32	5 48
S 10	15 14	6 44	1 15	18 25	1 12	20 53	2 18	24 21	2 47	20 14	0 4	20 31	0 25	17 7	0 22	15 21	0 13	16 17	6 8	10 38	10 24	1 59	0 33	5 48
M11	14 56	3 2	2 16	17 56	1 19	20 53	2 15	24 24	2 47	20 12	0 4	20 30	0 25	17 7	0 22	15 22	0 13	16 16	6 8	10 37	10 25	1 57	0 34	5 48
T 12	14 38	0n46	3 12	17 25	1 25	20 52	2 12	24 27	2 47	20 9	0 4	20 29	0 25	17 7	0 22	15 22	0 13	16 16	6 8	10 37	10 27	1 55	0 35	5 48
W13	14 20	4 32	4 0	16 52	1 30	20 51	2 8	24 30	2 47	20 6	0 4	20 27	0 25	17 7	0 22	15 23	0 13	16 16	6 8	10 37	10 28	1 53	0 36	5 48
T 14	14 2	8 8	4 38	16 17	1 35	20 50	2 5	24 33	2 46	20 4	0 4	20 26	0 25	17 8	0 22	15 23	0 13	16 16	6 8	10 36	10 29	1 51	0 37	5 48
F 15	13 43	11 27	5 4	15 40	1 38	20 48	2 2	24 37	2 46	20 1	0 4	20 25	0 25	17 8	0 22	15 24	0 13	16 16	6 8	10 36	10 30	1 49	0 38	5 48
S 16	13 24	14 21	5 16	15 1	1 41	20 45	1 59	24 40	2 46	19 58	0 4	20 24	0 25	17 8	0 22	15 24	0 13	16 16	6 8	10 36	10 31	1 47	0 39	5 48
S 17	13 5	16 39	5 14	14 21	1 43	20 42	1 56	24 43	2 46	19 56	0 4	20 22	0 25	17 9	0 22	15 25	0 13	16 15	6 8	10 36	10 32	1 45	0 40	5 49
M18	12 46	18 10	4 57	13 40	1 45	20 39	1 52	24 46	2 46	19 53	0 4	20 21	0 24	17 9	0 22	15 25	0 13	16 15	6 8	10 36	10 33	1 43	0 41	5 49
T 19	12 27	18 45	4 23	12 57	1 45	20 35	1 49	24 49	2 46	19 50	0 4	20 20	0 24	17 9	0 22	15 26	0 13	16 15	6 8	10 37	10 35	1 41	0 42	5 49
W20	12 7	18 15	3 32	12 14	1 45	20 30	1 45	24 52	2 46	19 47	0 4	20 18	0 24	17 10	0 22	15 26	0 13	16 15	6 8	10 37	10 36	1 39	0 43	5 49
T 21	11 47	16 36	2 28	11 29	1 44	20 25	1 42	24 55	2 45	19 45	0 5	20 17	0 24	17 10	0 22	15 27	0 13	16 15	6 8	10 37	10 37	1 37	0 44	5 49
F 22	11 27	13 50	1 12	10 44	1 43	20 20	1 39	24 58	2 45	19 42	0 5	20 16	0 24	17 10	0 22	15 27	0 13	16 15	6 8	10 37	10 38	1 36	0 45	5 49
S 23	11 7	10 7	0n10	9 59	1 41	20 14	1 35	25 1	2 45	19 39	0 5	20 15	0 24	17 11	0 22	15 28	0 13	16 14	6 8	10 37	10 39	1 34	0 46	5 49
S 24	10 47	5 43	1 32	9 12	1 38	20 7	1 32	25 4	2 45	19 37	0 5	20 13	0 24	17 11	0 22	15 28	0 13	16 14	6 8	10 37	10 40	1 32	0 47	5 49
M25	10 26	0 58	2 48	8 26	1 35	20 0	1 28	25 7	2 44	19 34	0 5	20 12	0 24	17 12	0 22	15 29	0 13	16 14	6 8	10 37	10 41	1 30	0 48	5 49
T 26	10 6	3s48	3 52	7 39	1 31	19 52	1 25	25 10	2 44	19 31	0 5	20 11	0 24	17 12	0 22	15 29	0 13	16 14	6 9	10 37	10 42	1 28	0 49	5 49
W27	9 45	8 15	4 39	6 52	1 27	19 44	1 21	25 13	2 44	19 28	0 5	20 10	0 24	17 12	0 21	15 30	0 13	16 14	6 9	10 37	10 44	1 26	0 50	5 49
T 28	9 24	12 7	5 8	6 5	1 23	19 35	1 17	25 15	2 44	19 25	0 5	20 8	0 24	17 13	0 21	15 30	0 13	16 14	6 9	10 37	10 45	1 24	0 51	5 49
F 29	9 3	15 12	5 18	5 18	1 18	19 26	1 14	25 18	2 43	19 23	0 5	20 7	0 24	17 13	0 21	15 31	0 13	16 13	6 9	10 37	10 46	1 22	0 53	5 49
S 30	8 42	17 21	5 9	4 31	1 12	19 16	1 10	25 21	2 43	19 20	0 5	20 6	0 24	17 14	0 21	15 31	0 13	16 13	6 9	10 37	10 47	1 20	0 54	5 49
S 31	8n20	18s32	4n45	3n44	1n 6	19n 6	1s 7	25s23	2s43	19n17	0n 6	20n 5	0s24	17s14	0n21	15s32	0n13	16n13	6s 9	10n37	10n48	1s18	0s55	5n49

Julian Day Number = 2872516.5, Delta T = 01h12m39s
Ecliptic obliquity = 23°17'16, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°52'50, Lahiri = 39°59'51

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ASTRODIENST EPHEMERIS for the year 3152
geocentric

SEPTEMBER 3152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 42 12	9♍26'07	11♉24	24♍51	0♌24	17♐47	3♌56	27♋56	19♏51	16°R41	16♋ 7	2♍14	1♍39	3♈ 2	13°R52	M 1
T 2	22 46 8	10°23'45	24° 0	26°34	1°33	18°17	4° 8	28° 3	19°53	16♒40	16° 8	2°14	1°36	3° 8	13♓49	T 2
W 3	22 50 5	11°21'24	6♒22	28°16	2°42	18°47	4°20	28° 9	19°55	16°38	16° 9	2°15	1°33	3°15	13°46	W 3
T 4	22 54 1	12°19'04	18°34	29°56	3°52	19°17	4°33	28°15	19°57	16°37	16°10	2°16	1°29	3°22	13°43	T 4
F 5	22 57 58	13°16'45	0♓36	1♎34	5° 1	19°47	4°45	28°22	19°59	16°35	16°11	2°R16	1°26	3°28	13°40	F 5
S 6	23 1 55	14°14'28	12°32	3°11	6°11	20°18	4°57	28°28	20° 1	16°34	16°12	2°16	1°23	3°35	13°37	S 6
S 7	23 5 51	15°12'11	24°24	4°47	7°21	20°49	5° 9	28°34	20° 3	16°32	16°13	2°15	1°20	3°42	13°34	S 7
M 8	23 9 48	16° 9'56	6♈13	6°21	8°30	21°21	5°20	28°40	20° 5	16°31	16°14	2°14	1°17	3°48	13°31	M 8
T 9	23 13 44	17° 7'42	18° 2	7°54	9°40	21°52	5°32	28°46	20° 7	16°30	16°14	2°11	1°14	3°55	13°28	T 9
W10	23 17 41	18° 5'29	29°54	9°25	10°51	22°24	5°44	28°52	20° 9	16°28	16°15	2° 9	1°10	4° 2	13°25	W10
T 11	23 21 37	19° 3'19	11♉51	10°55	12° 1	22°57	5°55	28°58	20°12	16°27	16°16	2° 7	1° 7	4° 8	13°22	T 11
F 12	23 25 34	20° 1'09	23°56	12°24	13°11	23°29	6° 7	29° 4	20°14	16°26	16°17	2° 5	1° 4	4°15	13°19	F 12
S 13	23 29 30	20°59'02	6♊14	13°51	14°21	24° 2	6°19	29°10	20°16	16°25	16°17	2° 3	1° 1	4°22	13°16	S 13
S 14	23 33 27	21°56'56	18°48	15°16	15°32	24°35	6°30	29°16	20°19	16°23	16°18	2°D 2	0°58	4°28	13°13	S 14
M15	23 37 23	22°54'52	1♋42	16°40	16°43	25° 9	6°41	29°21	20°21	16°22	16°19	2° 3	0°55	4°35	13°10	M15
T 16	23 41 20	23°52'50	14°59	18° 3	17°53	25°42	6°52	29°27	20°23	16°21	16°19	2° 4	0°51	4°42	13° 7	T 16
W17	23 45 17	24°50'49	28°42	19°24	19° 4	26°16	7° 4	29°32	20°26	16°20	16°20	2° 5	0°48	4°48	13° 4	W17
T 18	23 49 13	25°48'50	12♌51	20°43	20°15	26°50	7°15	29°38	20°29	16°18	16°21	2° 6	0°45	4°55	13° 1	T 18
F 19	23 53 10	26°46'53	27°26	22° 1	21°26	27°25	7°26	29°43	20°31	16°17	16°21	2°R 7	0°42	5° 2	12°58	F 19
S 20	23 57 6	27°44'58	12♍21	23°17	22°37	28° 0	7°37	29°49	20°34	16°16	16°22	2° 7	0°39	5° 8	12°55	S 20
S 21	0 1 3	28°43'04	27°30	24°32	23°48	28°35	7°47	29°54	20°36	16°15	16°22	2° 5	0°35	5°15	12°53	S 21
M22	0 4 59	29°41'12	12♎44	25°44	24°59	29°10	7°58	29°59	20°39	16°14	16°23	2° 3	0°32	5°22	12°50	M22
T 23	0 8 56	0♎39'21	27°52	26°55	26°11	29°45	8° 9	0♌ 4	20°42	16°13	16°24	1°59	0°29	5°28	12°47	T 23
W24	0 12 52	1°37'32	12♏46	28° 4	27°22	0♑21	8°19	0° 9	20°44	16°12	16°24	1°55	0°26	5°35	12°44	W24
T 25	0 16 49	2°35'44	27°17	29°11	28°34	0°57	8°30	0°14	20°47	16°11	16°25	1°51	0°23	5°42	12°41	T 25
F 26	0 20 46	3°33'58	11♐22	0♏15	29°45	1°33	8°40	0°19	20°50	16°10	16°25	1°48	0°20	5°48	12°39	F 26
S 27	0 24 42	4°32'13	25° 0	1°17	0♍57	2° 9	8°50	0°24	20°53	16° 9	16°25	1°46	0°16	5°55	12°36	S 27
S 28	0 28 39	5°30'30	8♑11	2°17	2° 8	2°46	9° 1	0°29	20°56	16° 8	16°26	1°D46	0°13	6° 2	12°33	S 28
M29	0 32 35	6°28'48	20°58	3°14	3°20	3°22	9°11	0°33	20°59	16° 7	16°26	1°47	0°10	6° 8	12°30	M29
T 30	0 36 32	7♎27'07	3♒26	4♏ 8	4♍32	3♑59	9♌21	0♌38	21♏ 2	16♒ 6	16♋27	1♍48	0♍ 7	6♈15	12♓28	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n59	18s43	4n 7	2n57	1n 0	18n55	1s 3	25s25	2s42	19n14	0n 6	20n 3	0s24	17s15	0n21	15s32	0n13	16n13	6s 9	10n37	10n49	1s16	0s56	5n49
T 2	7 37	17 56	3 17	2 11	0 54	18 43	0 59	25 28	2 42	19 12	0 6	20 2	0 24	17 15	0 21	15 33	0 13	16 13	6 9	10 37	10 50	1 14	0 57	5 49
W 3	7 16	16 19	2 19	1 24	0 47	18 32	0 56	25 30	2 41	19 9	0 6	20 1	0 23	17 16	0 21	15 33	0 13	16 13	6 9	10 36	10 51	1 12	0 58	5 49
T 4	6 54	13 58	1 15	0 39	0 40	18 19	0 52	25 32	2 41	19 6	0 6	20 0	0 23	17 16	0 21	15 33	0 13	16 12	6 9	10 36	10 53	1 10	1 0	5 48
F 5	6 32	11 3	0 9	0s 7	0 33	18 6	0 49	25 34	2 41	19 3	0 6	19 59	0 23	17 17	0 21	15 34	0 13	16 12	6 9	10 36	10 54	1 8	1 1	5 48
S 6	6 10	7 41	0s57	0 52	0 25	17 53	0 45	25 36	2 40	19 1	0 6	19 57	0 23	17 18	0 21	15 34	0 13	16 12	6 9	10 36	10 55	1 7	1 2	5 48
S 7	5 48	4 3	2 0	1 37	0 18	17 39	0 41	25 38	2 40	18 58	0 6	19 56	0 23	17 18	0 21	15 35	0 13	16 12	6 9	10 36	10 56	1 5	1 3	5 48
M 8	5 25	0 16	2 57	2 21	0 10	17 25	0 38	25 40	2 39	18 55	0 6	19 55	0 23	17 19	0 21	15 35	0 13	16 12	6 9	10 37	10 57	1 3	1 4	5 48
T 9	5 3	3n32	3 47	3 5	0 2	17 10	0 34	25 41	2 39	18 52	0 7	19 54	0 23	17 19	0 21	15 36	0 13	16 12	6 9	10 38	10 58	1 1	1 6	5 48
W10	4 41	7 11	4 27	3 48	0s 6	16 55	0 31	25 43	2 39	18 50	0 7	19 53	0 23	17 20	0 21	15 36	0 13	16 11	6 9	10 39	10 59	0 59	1 7	5 48
T 11	4 18	10 35	4 56	4 31	0 15	16 39	0 27	25 44	2 38	18 47	0 7	19 52	0 23	17 21	0 21	15 36	0 13	16 11	6 10	10 39	11 0	0 57	1 8	5 48
F 12	3 56	13 35	5 13	5 13	0 23	16 23	0 24	25 45	2 38	18 44	0 7	19 50	0 23	17 21	0 21	15 37	0 13	16 11	6 10	10 40	11 2	0 55	1 9	5 48
S 13	3 33	16 2	5 15	5 55	0 31	16 6	0 20	25 46	2 37	18 41	0 7	19 49	0 23	17 22	0 21	15 37	0 13	16 11	6 10	10 41	11 3	0 53	1 11	5 48
S 14	3 10	17 48	5 2	6 36	0 40	15 49	0 17	25 47	2 37	18 39	0 7	19 48	0 23	17 22	0 21	15 38	0 13	16 11	6 10	10 41	11 4	0 51	1 12	5 47
M15	2 48	18 42	4 35	7 16	0 49	15 31	0 13	25 48	2 36	18 36	0 7	19 47	0 23	17 23	0 21	15 38	0 13	16 11	6 10	10 41	11 5	0 49	1 13	5 47
T 16	2 25	18 37	3 51	7 55	0 57	15 13	0 10	25 49	2 36	18 33	0 7	19 46	0 23	17 24	0 21	15 38	0 13	16 10	6 10	10 41	11 6	0 47	1 14	5 47
W17	2 2	17 27	2 54	8 34	1 6	14 55	0 6	25 49	2 35	18 31	0 7	19 45	0 23	17 24	0 21	15 39	0 13	16 10	6 10	10 40	11 7	0 45	1 16	5 47
T 18	1 39	15 11	1 44	9 12	1 15	14 36	0 3	25 50	2 35	18 28	0 8	19 44	0 23	17 25	0 21	15 39	0 12	16 10	6 10	10 40	11 8	0 43	1 17	5 47
F 19	1 16	11 53	0 26	9 49	1 24	14 17	0n 0	25 50	2 34	18 25	0 8	19 43	0 23	17 26	0 21	15 39	0 12	16 10	6 10	10 39	11 9	0 41	1 18	5 47
S 20	0 53	7 45	0n56	10 26	1 33	13 57	0 4	25 50	2 33	18 23	0 8	19 42	0 22	17 27	0 21	15 40	0 12	16 10	6 10	10 39	11 11	0 39	1 19	5 47
S 21	0 30	3 3	2 15	11 1	1 41	13 37	0 7	25 50	2 33	18 20	0 8	19 41	0 22	17 27	0 21	15 40	0 12	16 10	6 10	10 40	11 12	0 37	1 21	5 46
M22	0 7	1s51	3 25	11 36	1 50	13 16	0 10	25 49	2 32	18 17	0 8	19 40	0 22	17 28	0 21	15 40	0 12	16 10	6 10	10 41	11 13	0 35	1 22	5 46
T 23	0s16	6 36	4 20	12 9	1 59	12 55	0 13	25 49	2 32	18 15	0 8	19 39	0 22	17 29	0 21	15 41	0 12	16 9	6 11	10 42	11 14	0 33	1 23	5 46
W24	0 39	10 52	4 56	12 42	2 7	12 34	0 17	25 48	2 31	18 12	0 8	19 38	0 22	17 29	0 21	15 41	0 12	16 9	6 11	10 44	11 15	0 31	1 24	5 46
T 25	1 2	14 22	5 12	13 14	2 16	12 13	0 20	25 48	2 31	18 10	0 8	19 37	0 22	17 30	0 21	15 41	0 12	16 9	6 11	10 45	11 16	0 30	1 25	5 46
F 26	1 25	16 54	5 9	13 44	2 24	11 51	0 23	25 47	2 30	18 7	0 8	19 36	0 22	17 31	0 21	15 42	0 12	16 9	6 11	10 46	11 17	0 28	1 27	5 45
S 27	1 48	18 24	4 48	14 14	2 32	11 28	0 26	25 46	2 29	18 4	0 9	19 35	0 22	17 32	0 21	15 42	0 12	16 9	6 11	10 47	11 18	0 26	1 28	5 45
S 28	2 10	18 50	4 12	14 42	2 40	11 6	0 29	25 44	2 29	18 2	0 9	19 34	0 22	17 33	0 21	15 42	0 12	16 9	6 11	10 47	11 19	0 24	1 29	5 45
M29	2 33	18 17	3 25	15 9	2 48	10 43	0 32	25 43	2 28	17 59	0 9	19 33	0 22	17 33	0 21	15 43	0 12	16 9	6 11	10 47	11 21	0 22	1 30	5 45
T 30	2s56	16s51	2n29	15s34	2s56	10n19	0n35	25s41	2s27	17n57	0n 9	19n32	0s22	17s34	0n21	15s43	0n12	16n 8	6s11	10n46	11n22	0s20	1s32	5n45

Julian Day Number = 2872547.5, Delta T = 01h12m40s
Ecliptic obliquity = 23°17'17, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°52'55, Lahiri = 39°59'55

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ASTRODIENST EPHEMERIS for the year 3152
geocentric

OCTOBER 3152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 40 28	8♎25'28	15♒38	5♏ 0	5♍44	4♑36	9♌30	0♌42	21♏ 5	16°R 5	16♋27	1♍50	0♍ 4	6♈22	12°R25	W 1
T 2	0 44 25	9°23'51	27°40	5°48	6°56	5°14	9°40	0°47	21° 8	16♒ 5	16°27	1°R51	0° 0	6°28	12♓23	T 2
F 3	0 48 21	10°22'15	9♓34	6°33	8° 8	5°51	9°50	0°51	21°11	16° 4	16°28	1°50	29♌57	6°35	12°20	F 3
S 4	0 52 18	11°20'40	21°24	7°14	9°20	6°29	9°59	0°55	21°14	16° 3	16°28	1°49	29°54	6°42	12°18	S 4
S 5	0 56 14	12°19'08	3♈13	7°51	10°33	7° 7	10° 9	0°59	21°17	16° 2	16°28	1°45	29°51	6°48	12°15	S 5
M 6	1 0 11	13°17'37	15° 3	8°24	11°45	7°45	10°18	1° 3	21°20	16° 2	16°28	1°39	29°48	6°55	12°13	M 6
T 7	1 4 8	14°16'08	26°56	8°52	12°57	8°23	10°27	1° 7	21°23	16° 1	16°29	1°32	29°45	7° 2	12°10	T 7
W 8	1 8 4	15°14'41	8♉53	9°15	14°10	9° 2	10°36	1°11	21°27	16° 0	16°29	1°23	29°41	7° 8	12° 8	W 8
T 9	1 12 1	16°13'16	20°57	9°33	15°22	9°40	10°45	1°15	21°30	16° 0	16°29	1°15	29°38	7°15	12° 5	T 9
F 10	1 15 57	17°11'53	3♊ 8	9°46	16°35	10°19	10°54	1°19	21°33	15°59	16°29	1° 8	29°35	7°22	12° 3	F 10
S 11	1 19 54	18°10'32	15°31	9°R52	17°48	10°58	11° 3	1°22	21°36	15°59	16°29	1° 1	29°32	7°28	12° 1	S 11
S 12	1 23 50	19° 9'13	28° 6	9°52	19° 1	11°37	11°11	1°26	21°40	15°58	16°29	0°57	29°29	7°35	11°59	S 12
M13	1 27 47	20° 7'56	10♋58	9°45	20°13	12°16	11°20	1°29	21°43	15°58	16°29	0°55	29°26	7°42	11°57	M13
T 14	1 31 43	21° 6'42	24° 9	9°31	21°26	12°56	11°28	1°32	21°46	15°57	16°30	0°D54	29°22	7°48	11°54	T 14
W15	1 35 40	22° 5'29	7♌42	9°10	22°39	13°35	11°36	1°36	21°50	15°57	16°30	0°55	29°19	7°55	11°52	W15
T 16	1 39 37	23° 4'19	21°39	8°41	23°52	14°15	11°45	1°39	21°53	15°56	16°R30	0°56	29°16	8° 2	11°50	T 16
F 17	1 43 33	24° 3'11	6♍ 0	8° 5	25° 5	14°55	11°52	1°42	21°56	15°56	16°30	0°R56	29°13	8° 8	11°48	F 17
S 18	1 47 30	25° 2'06	20°45	7°21	26°19	15°35	12° 0	1°45	22° 0	15°56	16°30	0°55	29°10	8°15	11°46	S 18
S 19	1 51 26	26° 1'02	5♎47	6°31	27°32	16°15	12° 8	1°47	22° 3	15°55	16°30	0°51	29° 6	8°22	11°44	S 19
M20	1 55 23	27° 0'01	20°59	5°34	28°45	16°56	12°16	1°50	22° 7	15°55	16°29	0°45	29° 3	8°28	11°43	M20
T 21	1 59 19	27°59'01	6♏10	4°32	29°59	17°36	12°23	1°53	22°10	15°55	16°29	0°37	29° 0	8°35	11°41	T 21
W22	2 3 16	28°58'03	21°11	3°26	1♏12	18°17	12°30	1°55	22°14	15°55	16°29	0°27	28°57	8°42	11°39	W22
T 23	2 7 12	29°57'08	5♐51	2°17	2°25	18°58	12°37	1°58	22°17	15°54	16°29	0°19	28°54	8°48	11°37	T 23
F 24	2 11 9	0♏56'14	20° 6	1° 7	3°39	19°39	12°44	2° 0	22°21	15°54	16°29	0°11	28°51	8°55	11°36	F 24
S 25	2 15 6	1°55'22	3♑50	29♎58	4°52	20°20	12°51	2° 2	22°25	15°54	16°29	0° 5	28°47	9° 2	11°34	S 25
S 26	2 19 2	2°54'31	17° 6	28°52	6° 6	21° 1	12°58	2° 4	22°28	15°54	16°29	0° 2	28°44	9° 8	11°33	S 26
M27	2 22 59	3°53'43	29°55	27°51	7°20	21°42	13° 4	2° 6	22°32	15°54	16°28	0°D 1	28°41	9°15	11°31	M27
T 28	2 26 55	4°52'56	12♒22	26°55	8°34	22°24	13°11	2° 8	22°35	15°D54	16°28	0° 1	28°38	9°22	11°30	T 28
W29	2 30 52	5°52'10	24°31	26° 8	9°47	23° 5	13°17	2°10	22°39	15°54	16°28	0°R 1	28°35	9°28	11°28	W29
T 30	2 34 48	6°51'26	6♓29	25°30	11° 1	23°47	13°23	2°11	22°43	15°54	16°28	0° 1	28°32	9°35	11°27	T 30
F 31	2 38 45	7♏50'44	18♓20	25♎ 2	12♎15	24♑29	13♌29	2♌13	22♏46	15♒54	16♋27	29♌59	28♌28	9♈42	11♓26	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s19	14s39	1n27	15s59	3s 3	9n56	0n37	25s39	2s27	17n54	0n 9	19n31	0s22	17s35	0n21	15s43	0n12	16n 8	6s11	10n45	11n23	0s18	1s33	5n44
T 2	3 42	11 51	0 23	16 21	3 10	9 32	0 40	25 37	2 26	17 52	0 9	19 30	0 22	17 36	0 21	15 43	0 12	16 8	6 11	10 45	11 24	0 16	1 34	5 44
F 3	4 5	8 35	0s42	16 42	3 16	9 8	0 43	25 35	2 25	17 49	0 9	19 29	0 22	17 37	0 21	15 44	0 12	16 8	6 11	10 45	11 25	0 14	1 35	5 44
S 4	4 28	4 59	1 44	17 2	3 23	8 43	0 46	25 32	2 25	17 47	0 9	19 28	0 22	17 37	0 21	15 44	0 12	16 8	6 11	10 46	11 26	0 12	1 36	5 44
S 5	4 50	1 13	2 42	17 19	3 28	8 19	0 48	25 30	2 24	17 45	0 10	19 28	0 22	17 38	0 21	15 44	0 12	16 8	6 12	10 47	11 27	0 10	1 37	5 43
M 6	5 13	2n37	3 33	17 35	3 34	7 54	0 51	25 27	2 23	17 42	0 10	19 27	0 22	17 39	0 21	15 44	0 12	16 8	6 12	10 49	11 28	0 8	1 39	5 43
T 7	5 36	6 21	4 14	17 48	3 38	7 28	0 53	25 24	2 23	17 40	0 10	19 26	0 22	17 40	0 21	15 44	0 12	16 8	6 12	10 52	11 29	0 6	1 40	5 43
W 8	5 58	9 52	4 45	18 0	3 42	7 3	0 56	25 21	2 22	17 38	0 10	19 25	0 21	17 41	0 20	15 45	0 12	16 8	6 12	10 55	11 31	0 4	1 41	5 43
T 9	6 20	13 0	5 3	18 9	3 45	6 37	0 58	25 17	2 21	17 35	0 10	19 24	0 21	17 42	0 20	15 45	0 12	16 7	6 12	10 58	11 32	0 2	1 42	5 42
F 10	6 43	15 37	5 8	18 15	3 48	6 11	1 0	25 14	2 21	17 33	0 10	19 24	0 21	17 42	0 20	15 45	0 12	16 7	6 12	11 0	11 33	0 0	1 43	5 42
S 11	7 5	17 34	4 58	18 18	3 49	5 45	1 2	25 10	2 20	17 31	0 10	19 23	0 21	17 43	0 20	15 45	0 12	16 7	6 12	11 3	11 34	0n 2	1 44	5 42
S 12	7 27	18 42	4 34	18 18	3 49	5 19	1 5	25 6	2 19	17 29	0 10	19 22	0 21	17 44	0 20	15 45	0 12	16 7	6 12	11 4	11 35	0 4	1 45	5 41
M13	7 49	18 55	3 56	18 15	3 48	4 52	1 7	25 1	2 18	17 26	0 11	19 22	0 21	17 45	0 20	15 46	0 12	16 7	6 12	11 5	11 36	0 6	1 46	5 41
T 14	8 11	18 7	3 5	18 9	3 46	4 26	1 9	24 57	2 18	17 24	0 11	19 21	0 21	17 46	0 20	15 46	0 12	16 7	6 12	11 5	11 37	0 8	1 48	5 41
W15	8 33	16 16	2 2	17 59	3 43	3 59	1 11	24 52	2 17	17 22	0 11	19 20	0 21	17 47	0 20	15 46	0 12	16 7	6 12	11 5	11 38	0 10	1 49	5 40
T 16	8 55	13 25	0 50	17 44	3 38	3 32	1 13	24 47	2 16	17 20	0 11	19 20	0 21	17 48	0 20	15 46	0 12	16 7	6 13	11 4	11 39	0 12	1 50	5 40
F 17	9 16	9 40	0n27	17 26	3 31	3 5	1 14	24 42	2 15	17 18	0 11	19 19	0 21	17 49	0 20	15 46	0 12	16 7	6 13	11 4	11 40	0 14	1 51	5 40
S 18	9 38	5 15	1 44	17 4	3 22	2 38	1 16	24 37	2 14	17 16	0 11	19 18	0 21	17 49	0 20	15 46	0 12	16 7	6 13	11 5	11 42	0 16	1 52	5 40
S 19	9 59	0 25	2 56	16 37	3 12	2 10	1 18	24 31	2 14	17 14	0 11	19 18	0 21	17 50	0 20	15 46	0 12	16 6	6 13	11 6	11 43	0 18	1 53	5 39
M20	10 20	4s30	3 55	16 7	3 0	1 43	1 20	24 25	2 13	17 12	0 11	19 17	0 21	17 51	0 20	15 46	0 12	16 6	6 13	11 8	11 44	0 20	1 54	5 39
T 21	10 41	9 7	4 38	15 33	2 46	1 15	1 21	24 19	2 12	17 10	0 12	19 17	0 21	17 52	0 20	15 47	0 12	16 6	6 13	11 11	11 45	0 22	1 55	5 39
W22	11 2	13 6	5 1	14 56	2 30	0 47	1 23	24 13	2 11	17 8	0 12	19 16	0 21	17 53	0 20	15 47	0 12	16 6	6 13	11 14	11 46	0 24	1 56	5 38
T 23	11 23	16 10	5 3	14 16	2 13	0 20	1 24	24 7	2 10	17 6	0 12	19 16	0 21	17 54	0 20	15 47	0 12	16 6	6 13	11 18	11 47	0 26	1 57	5 38
F 24	11 44	18 9	4 47	13 34	1 54	0s 8	1 25	24 0	2 10	17 4	0 12	19 15	0 21	17 55	0 20	15 47	0 12	16 6	6 13	11 20	11 48	0 28	1 58	5 38
S 25	12 4	19 0	4 14	12 52	1 34	0 36	1 27	23 53	2 9	17 3	0 12	19 15	0 21	17 56	0 20	15 47	0 12	16 6	6 13	11 22	11 49	0 30	1 58	5 37
S 26	12 24	18 45	3 28	12 9	1 14	1 4	1 28	23 46	2 8	17 1	0 12	19 14	0 20	17 57	0 20	15 47	0 12	16 6	6 13	11 23	11 50	0 32	1 59	5 37
M27	12 44	17 32	2 34	11 28	0 53	1 32	1 29	23 39	2 7	16 59	0 12	19 14	0 20	17 58	0 20	15 47	0 12	16 6	6 14	11 24	11 51	0 34	2 0	5 36
T 28	13 4	15 30	1 33	10 49	0 33	2 0	1 30	23 31	2 6	16 58	0 13	19 14	0 20	17 59	0 20	15 47	0 12	16 6	6 14	11 24	11 53	0 36	2 1	5 36
W29	13 24	12 48	0 29	10 14	0 13	2 28	1 31	23 23	2 5	16 56	0 13	19 13	0 20	18 0	0 20	15 47	0 12	16 6	6 14	11 24	11 54	0 38	2 2	5 36
T 30	13 43	9 37	0s34	9 42	0n 7	2 56	1 32	23 15	2 5	16 54	0 13	19 13	0 20	18 1	0 20	15 47	0 12	16 6	6 14	11 24	11 55	0 39	2 3	5 35
F 31	14s 2	6s 4	1s36	9s15	0n25	3s23	1n32	23s 7	2s 4	16n53	0n13	19n13	0s20	18s 1	0n20	15s47	0n12	16n 6	6s14	11n24	11n56	0n41	2s 4	5n35

Julian Day Number = 2872577.5, Delta T = 01h12m41s
Ecliptic obliquity = 23°17'17, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°52'59, Lahiri = 39°59'59

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3152
geocentric

NOVEMBER 3152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 42 41	8♏50'04	0♈ 8	24°R45	13♎29	25♑11	13♌34	2♌14	22♏50	15♒54	16°R27	29°R56	28♌25	9♈49	11°R24	S 1
S 2	2 46 38	9°49'26	11°57	24°D39	14°43	25°53	13°40	2°16	22°54	15°54	16♋27	29♌49	28°22	9°55	11♓23	S 2
M 3	2 50 35	10°48'49	23°50	24♎44	15°57	26°35	13°45	2°17	22°58	15°55	16°26	29°39	28°19	10° 2	11°22	M 3
T 4	2 54 31	11°48'15	5♉49	24°59	17°11	27°17	13°51	2°18	23° 1	15°55	16°26	29°27	28°16	10° 9	11°21	T 4
W 5	2 58 28	12°47'42	17°56	25°25	18°25	28° 0	13°56	2°19	23° 5	15°55	16°25	29°14	28°12	10°15	11°20	W 5
T 6	3 2 24	13°47'11	0♊11	26° 1	19°39	28°42	14° 1	2°20	23° 9	15°55	16°25	29° 1	28° 9	10°22	11°19	T 6
F 7	3 6 21	14°46'43	12°36	26°45	20°53	29°25	14° 5	2°21	23°12	15°56	16°24	28°48	28° 6	10°29	11°18	F 7
S 8	3 10 17	15°46'16	25°11	27°37	22° 7	0♒ 7	14°10	2°22	23°16	15°56	16°24	28°38	28° 3	10°35	11°18	S 8
S 9	3 14 14	16°45'52	7♋56	28°36	23°22	0°50	14°14	2°22	23°20	15°56	16°23	28°30	28° 0	10°42	11°17	S 9
M10	3 18 10	17°45'30	20°54	29°42	24°36	1°33	14°19	2°23	23°24	15°57	16°23	28°25	27°57	10°49	11°16	M10
T 11	3 22 7	18°45'10	4♌ 6	0♏54	25°50	2°16	14°23	2°23	23°27	15°57	16°22	28°22	27°53	10°55	11°16	T 11
W12	3 26 4	19°44'52	17°35	2°10	27° 5	2°59	14°26	2°23	23°31	15°58	16°22	28°D21	27°50	11° 2	11°15	W12
T 13	3 30 0	20°44'36	1♍22	3°30	28°19	3°42	14°30	2°23	23°35	15°58	16°21	28°R21	27°47	11° 9	11°15	T 13
F 14	3 33 57	21°44'23	15°28	4°54	29°34	4°26	14°34	2°R23	23°39	15°59	16°21	28°21	27°44	11°15	11°14	F 14
S 15	3 37 53	22°44'12	29°54	6°21	0♏48	5° 9	14°37	2°23	23°43	16° 0	16°20	28°18	27°41	11°22	11°14	S 15
S 16	3 41 50	23°44'02	14♎37	7°50	2° 3	5°52	14°40	2°23	23°46	16° 0	16°19	28°13	27°37	11°29	11°13	S 16
M17	3 45 46	24°43'55	29°31	9°22	3°17	6°36	14°43	2°23	23°50	16° 1	16°19	28° 5	27°34	11°35	11°13	M17
T 18	3 49 43	25°43'50	14♏28	10°55	4°32	7°20	14°46	2°22	23°54	16° 2	16°18	27°54	27°31	11°42	11°13	T 18
W19	3 53 39	26°43'47	29°19	12°29	5°47	8° 3	14°48	2°22	23°58	16° 2	16°17	27°42	27°28	11°49	11°13	W19
T 20	3 57 36	27°43'46	13♐56	14° 4	7° 1	8°47	14°51	2°21	24° 1	16° 3	16°17	27°30	27°25	11°55	11°13	T 20
F 21	4 1 33	28°43'47	28°10	15°40	8°16	9°31	14°53	2°20	24° 5	16° 4	16°16	27°20	27°22	12° 2	11°D13	F 21
S 22	4 5 29	29°43'49	11♑58	17°17	9°31	10°15	14°55	2°19	24° 9	16° 5	16°15	27°12	27°18	12° 9	11°13	S 22
S 23	4 9 26	0♐43'53	25°17	18°54	10°46	10°59	14°57	2°18	24°13	16° 6	16°14	27° 6	27°15	12°15	11°13	S 23
M24	4 13 22	1°43'59	8♒10	20°32	12° 0	11°43	14°58	2°17	24°16	16° 6	16°14	27° 3	27°12	12°22	11°13	M24
T 25	4 17 19	2°44'06	20°40	22° 9	13°15	12°27	15° 0	2°16	24°20	16° 7	16°13	27° 2	27° 9	12°29	11°13	T 25
W26	4 21 15	3°44'14	2♓51	23°47	14°30	13°11	15° 1	2°15	24°24	16° 8	16°12	27° 2	27° 6	12°36	11°14	W26
T 27	4 25 12	4°44'24	14°49	25°24	15°45	13°56	15° 2	2°13	24°28	16° 9	16°11	27° 2	27° 3	12°42	11°14	T 27
F 28	4 29 8	5°44'35	26°40	27° 2	17° 0	14°40	15° 3	2°12	24°31	16°10	16°10	27° 0	26°59	12°49	11°14	F 28
S 29	4 33 5	6°44'48	8♈29	28°39	18°15	15°25	15° 4	2°10	24°35	16°11	16° 9	26°56	26°56	12°56	11°15	S 29
S 30	4 37 2	7♐45'02	20♈20	0♑17	19♏30	16♒ 9	15♌ 4	2♌ 8	24♏39	16♒12	16♋ 8	26♌50	26♌53	13♈ 2	11♓16	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s21	2s17	2s33	8s53	0n42	3s51	1n33	22s59	2s 3	16n51	0n13	19n13	0s20	18s 2	0n20	15s47	0n12	16n 6	6s14	11n26	11n57	0n43	2s 4	5n35
S 2	14 40	1n34	3 23	8 36	0 57	4 19	1 34	22 50	2 2	16 50	0 13	19 12	0 20	18 3	0 20	15 47	0 12	16 6	6 14	11 28	11 58	0 45	2 5	5 34
M 3	14 59	5 23	4 5	8 25	1 11	4 47	1 34	22 41	2 1	16 48	0 13	19 12	0 20	18 4	0 20	15 47	0 12	16 6	6 14	11 31	11 59	0 47	2 6	5 34
T 4	15 17	9 2	4 36	8 19	1 23	5 15	1 35	22 32	2 0	16 47	0 14	19 12	0 20	18 5	0 20	15 47	0 12	16 5	6 14	11 35	12 0	0 49	2 7	5 34
W 5	15 35	12 20	4 55	8 19	1 34	5 42	1 35	22 23	1 59	16 46	0 14	19 12	0 20	18 6	0 20	15 47	0 12	16 5	6 14	11 40	12 1	0 51	2 7	5 33
T 6	15 53	15 9	5 1	8 23	1 43	6 10	1 36	22 13	1 58	16 45	0 14	19 12	0 20	18 7	0 20	15 47	0 12	16 5	6 14	11 45	12 2	0 53	2 8	5 33
F 7	16 10	17 20	4 52	8 32	1 50	6 37	1 36	22 4	1 57	16 43	0 14	19 11	0 20	18 8	0 20	15 47	0 12	16 5	6 14	11 49	12 4	0 55	2 9	5 32
S 8	16 27	18 43	4 30	8 45	1 56	7 4	1 36	21 54	1 57	16 42	0 14	19 11	0 20	18 9	0 20	15 46	0 12	16 5	6 15	11 53	12 5	0 57	2 9	5 32
S 9	16 44	19 10	3 53	9 2	2 1	7 32	1 36	21 44	1 56	16 41	0 14	19 11	0 20	18 10	0 20	15 46	0 12	16 5	6 15	11 55	12 6	0 59	2 10	5 32
M10	17 1	18 38	3 4	9 22	2 4	7 59	1 36	21 33	1 55	16 40	0 15	19 11	0 20	18 11	0 20	15 46	0 12	16 5	6 15	11 57	12 7	1 1	2 11	5 31
T 11	17 18	17 5	2 5	9 44	2 6	8 26	1 36	21 23	1 54	16 39	0 15	19 11	0 20	18 12	0 20	15 46	0 12	16 5	6 15	11 58	12 8	1 3	2 11	5 31
W12	17 34	14 34	0 57	10 10	2 7	8 52	1 36	21 12	1 53	16 38	0 15	19 11	0 19	18 13	0 20	15 46	0 12	16 5	6 15	11 58	12 9	1 5	2 12	5 30
T 13	17 50	11 10	0n16	10 37	2 7	9 19	1 36	21 1	1 52	16 37	0 15	19 11	0 19	18 14	0 20	15 46	0 12	16 5	6 15	11 58	12 10	1 7	2 12	5 30
F 14	18 5	7 4	1 29	11 6	2 6	9 45	1 36	20 50	1 51	16 36	0 15	19 11	0 19	18 15	0 20	15 46	0 12	16 5	6 15	11 58	12 11	1 9	2 13	5 30
S 15	18 20	2 28	2 38	11 36	2 4	10 11	1 35	20 38	1 50	16 35	0 15	19 11	0 19	18 16	0 20	15 46	0 12	16 5	6 15	11 59	12 12	1 11	2 13	5 29
S 16	18 35	2s22	3 38	12 7	2 1	10 37	1 35	20 27	1 49	16 35	0 16	19 12	0 19	18 17	0 20	15 45	0 12	16 5	6 15	12 1	12 13	1 13	2 14	5 29
M17	18 50	7 6	4 24	12 39	1 58	11 3	1 35	20 15	1 48	16 34	0 16	19 12	0 19	18 17	0 20	15 45	0 11	16 5	6 15	12 4	12 14	1 15	2 14	5 28
T 18	19 4	11 25	4 52	13 11	1 54	11 28	1 34	20 3	1 47	16 33	0 16	19 12	0 19	18 18	0 20	15 45	0 11	16 5	6 15	12 8	12 15	1 17	2 15	5 28
W19	19 18	14 59	5 0	13 44	1 50	11 54	1 34	19 51	1 46	16 33	0 16	19 12	0 19	18 19	0 20	15 45	0 11	16 5	6 15	12 12	12 17	1 19	2 15	5 28
T 20	19 32	17 33	4 48	14 17	1 45	12 18	1 33	19 39	1 45	16 32	0 16	19 12	0 19	18 20	0 20	15 45	0 11	16 5	6 15	12 16	12 18	1 21	2 16	5 27
F 21	19 45	18 58	4 18	14 50	1 40	12 43	1 32	19 26	1 44	16 32	0 16	19 12	0 19	18 21	0 20	15 44	0 11	16 5	6 15	12 19	12 19	1 23	2 16	5 27
S 22	19 58	19 12	3 34	15 22	1 35	13 7	1 31	19 13	1 43	16 31	0 16	19 13	0 19	18 22	0 20	15 44	0 11	16 5	6 15	12 22	12 20	1 25	2 16	5 26
S 23	20 10	18 20	2 40	15 55	1 29	13 31	1 30	19 0	1 42	16 31	0 17	19 13	0 19	18 23	0 20	15 44	0 11	16 6	6 16	12 24	12 21	1 27	2 17	5 26
M24	20 23	16 32	1 38	16 26	1 23	13 55	1 30	18 47	1 41	16 31	0 17	19 13	0 19	18 24	0 20	15 44	0 11	16 6	6 16	12 25	12 22	1 29	2 17	5 26
T 25	20 34	13 59	0 34	16 57	1 17	14 19	1 29	18 34	1 40	16 30	0 17	19 14	0 19	18 25	0 20	15 43	0 11	16 6	6 16	12 25	12 23	1 31	2 17	5 25
W26	20 46	10 52	0s31	17 28	1 10	14 42	1 27	18 20	1 39	16 30	0 17	19 14	0 19	18 26	0 20	15 43	0 11	16 6	6 16	12 25	12 24	1 33	2 18	5 25
T 27	20 57	7 22	1 33	17 58	1 3	15 4	1 26	18 7	1 38	16 30	0 17	19 14	0 18	18 27	0 20	15 43	0 11	16 6	6 16	12 25	12 25	1 35	2 18	5 24
F 28	21 8	3 37	2 30	18 27	0 57	15 27	1 25	17 53	1 37	16 30	0 17	19 15	0 18	18 28	0 20	15 43	0 11	16 6	6 16	12 26	12 26	1 37	2 18	5 24
S 29	21 18	0n16	3 21	18 55	0 50	15 48	1 24	17 39	1 36	16 30	0 18	19 15	0 18	18 29	0 20	15 42	0 11	16 6	6 16	12 27	12 27	1 39	2 18	5 24
S 30	21s28	4n 9	4s 3	19s23	0n43	16s10	1n23	17s25	1s35	16n30	0n18	19n16	0s18	18s29	0n20	15s42	0n11	16n 6	6s16	12n30	12n28	1n41	2s18	5n23

Julian Day Number = 2872608.5, Delta T = 01h12m41s
Ecliptic obliquity = 23°17'17, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°53'03, Lahiri = 40°00'04

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ASTRODIENST EPHEMERIS for the year 3152
geocentric

DECEMBER 3152 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 40 58	8♐45'17	2♉17	1♐54	20♏44	16♒54	15♌ 4	2°R 6	24♏43	16♒13	16°R 8	26°R40	26♌50	13♈ 9	11♓16	M 1
T 2	4 44 55	9°45'34	14°24	3°31	21°59	17°38	15°R 4	2♌ 4	24°46	16°15	16♋ 7	26♌28	26°47	13°16	11°17	T 2
W 3	4 48 51	10°45'53	26°41	5° 7	23°14	18°23	15° 4	2° 2	24°50	16°16	16° 6	26°15	26°43	13°22	11°18	W 3
T 4	4 52 48	11°46'13	9♊11	6°44	24°29	19° 8	15° 4	2° 0	24°54	16°17	16° 5	26° 2	26°40	13°29	11°18	T 4
F 5	4 56 44	12°46'35	21°53	8°20	25°44	19°53	15° 3	1°58	24°57	16°18	16° 4	25°49	26°37	13°36	11°19	F 5
S 6	5 0 41	13°46'59	4♋46	9°56	27° 0	20°37	15° 2	1°56	25° 1	16°19	16° 3	25°38	26°34	13°42	11°20	S 6
S 7	5 4 37	14°47'24	17°51	11°32	28°15	21°22	15° 1	1°53	25° 4	16°21	16° 2	25°30	26°31	13°49	11°21	S 7
M 8	5 8 34	15°47'51	1♌ 6	13° 7	29°30	22° 7	15° 0	1°51	25° 8	16°22	16° 1	25°25	26°28	13°56	11°22	M 8
T 9	5 12 31	16°48'19	14°31	14°43	0♐45	22°52	14°59	1°48	25°12	16°23	16° 0	25°23	26°24	14° 2	11°23	T 9
W10	5 16 27	17°48'49	28° 8	16°18	2° 0	23°37	14°57	1°45	25°15	16°25	15°59	25°D22	26°21	14° 9	11°25	W10
T 11	5 20 24	18°49'21	11♍55	17°53	3°15	24°22	14°56	1°42	25°19	16°26	15°58	25°R23	26°18	14°16	11°26	T 11
F 12	5 24 20	19°49'55	25°55	19°27	4°30	25° 7	14°54	1°39	25°22	16°28	15°57	25°23	26°15	14°23	11°27	F 12
S 13	5 28 17	20°50'30	10♎ 6	21° 2	5°46	25°53	14°52	1°36	25°26	16°29	15°56	25°21	26°12	14°29	11°28	S 13
S 14	5 32 13	21°51'07	24°28	22°36	7° 1	26°38	14°49	1°33	25°29	16°31	15°55	25°17	26° 9	14°36	11°30	S 14
M15	5 36 10	22°51'46	8♏56	24°11	8°16	27°23	14°47	1°30	25°33	16°32	15°54	25°11	26° 5	14°43	11°31	M15
T 16	5 40 6	23°52'26	23°27	25°45	9°31	28° 8	14°44	1°27	25°36	16°34	15°53	25° 2	26° 2	14°49	11°33	T 16
W17	5 44 3	24°53'08	7♐54	27°19	10°46	28°54	14°41	1°23	25°40	16°35	15°51	24°52	25°59	14°56	11°34	W17
T 18	5 48 0	25°53'51	22°11	28°53	12° 2	29°39	14°38	1°20	25°43	16°37	15°50	24°42	25°56	15° 3	11°36	T 18
F 19	5 51 56	26°54'35	6♑11	0♑27	13°17	0♓25	14°35	1°16	25°46	16°38	15°49	24°33	25°53	15° 9	11°38	F 19
S 20	5 55 53	27°55'21	19°49	2° 1	14°32	1°10	14°31	1°12	25°50	16°40	15°48	24°26	25°49	15°16	11°40	S 20
S 21	5 59 49	28°56'07	3♒ 5	3°34	15°48	1°56	14°27	1° 9	25°53	16°42	15°47	24°21	25°46	15°23	11°41	S 21
M22	6 3 46	29°56'55	15°58	5° 8	17° 3	2°41	14°23	1° 5	25°56	16°43	15°46	24°19	25°43	15°29	11°43	M22
T 23	6 7 42	0♑57'43	28°29	6°42	18°18	3°27	14°19	1° 1	26° 0	16°45	15°45	24°D18	25°40	15°36	11°45	T 23
W24	6 11 39	1°58'32	10♓43	8°16	19°34	4°12	14°15	0°57	26° 3	16°47	15°44	24°19	25°37	15°43	11°47	W24
T 25	6 15 35	2°59'22	22°43	9°49	20°49	4°58	14°11	0°53	26° 6	16°48	15°42	24°20	25°34	15°50	11°49	T 25
F 26	6 19 32	4° 0'13	4♈36	11°23	22° 4	5°43	14° 6	0°49	26° 9	16°50	15°41	24°R21	25°30	15°56	11°51	F 26
S 27	6 23 29	5° 1'04	16°26	12°57	23°20	6°29	14° 1	0°45	26°13	16°52	15°40	24°20	25°27	16° 3	11°53	S 27
S 28	6 27 25	6° 1'57	28°18	14°31	24°35	7°15	13°56	0°41	26°16	16°54	15°39	24°17	25°24	16°10	11°56	S 28
M29	6 31 22	7° 2'50	10♉18	16° 4	25°50	8° 1	13°51	0°36	26°19	16°56	15°38	24°12	25°21	16°16	11°58	M29
T 30	6 35 18	8° 3'43	22°29	17°38	27° 6	8°46	13°46	0°32	26°22	16°58	15°37	24° 6	25°18	16°23	12° 0	T 30
W31	6 39 15	9♑ 4'37	4♊54	19♑12	28♐21	9♓32	13♌41	0♌28	26♏25	16♒59	15♋35	23♌58	25♌15	16♈30	12♓ 2	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s37	7n53	4s34	19s49	0n36	16s31	1n21	17s10	1s34	16n30	0n18	19n16	0s18	18s30	0n20	15s42	0n11	16n 6	6s16	12n33	12n30	1n43	2s18	5n23
T 2	21 46	11 22	4 54	20 15	0 29	16 52	1 20	16 56	1 33	16 30	0 18	19 17	0 18	18 31	0 20	15 41	0 11	16 6	6 16	12 37	12 31	1 45	2 19	5 22
W 3	21 55	14 25	5 1	20 39	0 22	17 12	1 18	16 41	1 32	16 30	0 18	19 17	0 18	18 32	0 20	15 41	0 11	16 6	6 16	12 41	12 32	1 47	2 19	5 22
T 4	22 3	16 52	4 53	21 3	0 15	17 32	1 17	16 26	1 31	16 31	0 19	19 18	0 18	18 33	0 20	15 41	0 11	16 6	6 16	12 46	12 33	1 49	2 19	5 22
F 5	22 11	18 32	4 31	21 25	0 8	17 51	1 15	16 11	1 30	16 31	0 19	19 18	0 18	18 34	0 20	15 40	0 11	16 6	6 16	12 50	12 34	1 51	2 19	5 21
S 6	22 19	19 18	3 54	21 46	0 1	18 10	1 14	15 56	1 29	16 31	0 19	19 19	0 18	18 35	0 20	15 40	0 11	16 6	6 16	12 54	12 35	1 53	2 19	5 21
S 7	22 26	19 3	3 5	22 7	0s 5	18 28	1 12	15 41	1 28	16 32	0 19	19 20	0 18	18 36	0 20	15 40	0 11	16 6	6 16	12 56	12 36	1 55	2 19	5 20
M 8	22 32	17 45	2 5	22 26	0 12	18 46	1 10	15 26	1 27	16 32	0 19	19 20	0 18	18 36	0 20	15 39	0 11	16 6	6 16	12 58	12 37	1 57	2 19	5 20
T 9	22 38	15 27	0 57	22 44	0 19	19 4	1 8	15 10	1 26	16 33	0 19	19 21	0 18	18 37	0 20	15 39	0 11	16 7	6 16	12 59	12 38	1 59	2 19	5 20
W10	22 44	12 17	0n15	23 1	0 26	19 20	1 7	14 54	1 25	16 33	0 20	19 22	0 18	18 38	0 20	15 38	0 11	16 7	6 16	12 59	12 39	2 1	2 19	5 19
T 11	22 49	8 23	1 27	23 16	0 32	19 37	1 5	14 38	1 24	16 34	0 20	19 22	0 17	18 39	0 20	15 38	0 11	16 7	6 16	12 59	12 40	2 3	2 19	5 19
F 12	22 54	3 59	2 35	23 31	0 39	19 53	1 3	14 22	1 23	16 35	0 20	19 23	0 17	18 40	0 20	15 38	0 11	16 7	6 16	12 59	12 41	2 5	2 18	5 18
S 13	22 58	0s41	3 35	23 44	0 45	20 8	1 1	14 6	1 22	16 36	0 20	19 24	0 17	18 41	0 20	15 37	0 11	16 7	6 16	12 59	12 42	2 7	2 18	5 18
S 14	23 2	5 22	4 21	23 56	0 51	20 22	0 59	13 50	1 21	16 37	0 20	19 25	0 17	18 42	0 20	15 37	0 11	16 7	6 16	13 1	12 43	2 9	2 18	5 18
M15	23 6	9 46	4 52	24 7	0 57	20 37	0 57	13 34	1 20	16 37	0 20	19 25	0 17	18 42	0 20	15 36	0 11	16 7	6 16	13 3	12 45	2 11	2 18	5 17
T 16	23 9	13 37	5 4	24 16	1 3	20 50	0 55	13 17	1 19	16 38	0 21	19 26	0 17	18 43	0 20	15 36	0 11	16 7	6 16	13 6	12 46	2 14	2 18	5 17
W17	23 11	16 37	4 56	24 25	1 9	21 3	0 53	13 0	1 18	16 39	0 21	19 27	0 17	18 44	0 20	15 35	0 11	16 7	6 16	13 9	12 47	2 16	2 17	5 17
T 18	23 13	18 34	4 30	24 32	1 15	21 15	0 51	12 44	1 17	16 41	0 21	19 28	0 17	18 45	0 20	15 35	0 11	16 8	6 16	13 12	12 48	2 18	2 17	5 16
F 19	23 15	19 21	3 48	24 37	1 20	21 27	0 48	12 27	1 16	16 42	0 21	19 29	0 17	18 46	0 20	15 35	0 11	16 8	6 16	13 15	12 49	2 20	2 17	5 16
S 20	23 16	18 58	2 54	24 42	1 25	21 38	0 46	12 10	1 15	16 43	0 21	19 30	0 17	18 46	0 20	15 34	0 11	16 8	6 16	13 18	12 50	2 22	2 17	5 15
S 21	23 17	17 32	1 51	24 45	1 30	21 48	0 44	11 52	1 14	16 44	0 21	19 30	0 17	18 47	0 20	15 34	0 11	16 8	6 16	13 19	12 51	2 24	2 16	5 15
M22	23 17	15 14	0 45	24 46	1 35	21 58	0 42	11 35	1 13	16 45	0 22	19 31	0 17	18 48	0 20	15 33	0 11	16 8	6 16	13 20	12 52	2 26	2 16	5 15
T 23	23 17	12 17	0s22	24 47	1 40	22 7	0 40	11 18	1 12	16 47	0 22	19 32	0 16	18 49	0 20	15 33	0 11	16 8	6 16	13 20	12 53	2 28	2 16	5 14
W24	23 16	8 51	1 27	24 46	1 44	22 16	0 37	11 0	1 11	16 48	0 22	19 33	0 16	18 49	0 20	15 32	0 11	16 8	6 16	13 20	12 54	2 30	2 15	5 14
T 25	23 15	5 7	2 27	24 44	1 48	22 24	0 35	10 43	1 10	16 50	0 22	19 34	0 16	18 50	0 20	15 32	0 11	16 8	6 16	13 20	12 55	2 32	2 15	5 14
F 26	23 14	1 15	3 20	24 40	1 52	22 31	0 33	10 25	1 9	16 51	0 22	19 35	0 16	18 51	0 20	15 31	0 11	16 9	6 16	13 19	12 56	2 34	2 14	5 13
S 27	23 12	2n40	4 4	24 35	1 56	22 37	0 30	10 8	1 8	16 53	0 23	19 36	0 16	18 52	0 20	15 31	0 11	16 9	6 16	13 20	12 57	2 36	2 14	5 13
S 28	23 9	6 29	4 37	24 29	1 59	22 43	0 28	9 50	1 7	16 54	0 23	19 37	0 16	18 52	0 20	15 30	0 11	16 9	6 16	13 21	12 58	2 38	2 13	5 12
M29	23 6	10 4	4 59	24 21	2 2	22 48	0 25	9 32	1 6	16 56	0 23	19 38	0 16	18 53	0 20	15 29	0 11	16 9	6 16	13 22	12 59	2 40	2 13	5 12
T 30	23 3	13 18	5 8	24 12	2 5	22 52	0 23	9 14	1 5	16 57	0 23	19 39	0 16	18 54	0 20	15 29	0 11	16 9	6 16	13 24	13 0	2 42	2 12	5 12
W31	22s59	16n 1	5s 3	24s 2	2s 8	22s56	0n21	8s56	1s 4	16n59	0n23	19n40	0s16	18s54	0n20	15s28	0n11	16n 9	6s16	13n27	13n 2	2n44	2s12	5n11

Julian Day Number = 2872638.5, Delta T = 01h12m42s
Ecliptic obliquity = 23°17'16, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°53'07, Lahiri = 40°00'08

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ASTRODIENST EPHEMERIS for the year 3153
geocentric

JANUARY 3153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 43 11	10♉ 5'32	17♊35	20♉46	29♐37	10♓18	13°R35	0°R23	26♏28	17♒ 1	15°R34	23°R49	25♌11	16♈36	12♓ 5	T 1
F 2	6 47 8	11° 6'28	0♋33	22°19	0♉52	11° 3	13♌29	0♌19	26°31	17° 3	15♋33	23♌41	25° 8	16°43	12° 7	F 2
S 3	6 51 4	12° 7'25	13°47	23°53	2° 7	11°49	13°24	0°14	26°34	17° 5	15°32	23°35	25° 5	16°50	12°10	S 3
S 4	6 55 1	13° 8'22	27°16	25°26	3°23	12°35	13°18	0°10	26°37	17° 7	15°31	23°30	25° 2	16°56	12°12	S 4
M 5	6 58 58	14° 9'20	10♌56	27° 0	4°38	13°21	13°11	0° 5	26°40	17° 9	15°29	23°27	24°59	17° 3	12°15	M 5
T 6	7 2 54	15°10'18	24°46	28°33	5°54	14° 7	13° 5	0° 0	26°42	17°11	15°28	23°D27	24°55	17°10	12°18	T 6
W 7	7 6 51	16°11'18	8♍44	0♒ 6	7° 9	14°52	12°59	29♋56	26°45	17°13	15°27	23°27	24°52	17°17	12°20	W 7
T 8	7 10 47	17°12'18	22°47	1°38	8°24	15°38	12°52	29°51	26°48	17°15	15°26	23°29	24°49	17°23	12°23	T 8
F 9	7 14 44	18°13'19	6♎54	3°10	9°40	16°24	12°45	29°46	26°51	17°17	15°25	23°30	24°46	17°30	12°26	F 9
S 10	7 18 40	19°14'21	21° 2	4°42	10°55	17°10	12°39	29°41	26°53	17°19	15°24	23°R31	24°43	17°37	12°29	S 10
S 11	7 22 37	20°15'24	5♏12	6°12	12°11	17°56	12°32	29°37	26°56	17°21	15°22	23°30	24°40	17°43	12°32	S 11
M12	7 26 34	21°16'27	19°20	7°42	13°26	18°42	12°25	29°32	26°59	17°23	15°21	23°27	24°36	17°50	12°35	M12
T 13	7 30 30	22°17'32	3♐24	9°11	14°42	19°28	12°17	29°27	27° 1	17°25	15°20	23°23	24°33	17°57	12°37	T 13
W14	7 34 27	23°18'36	17°21	10°39	15°57	20°13	12°10	29°22	27° 4	17°28	15°19	23°19	24°30	18° 3	12°40	W14
T 15	7 38 23	24°19'42	1♑ 9	12° 5	17°13	20°59	12° 3	29°17	27° 6	17°30	15°18	23°14	24°27	18°10	12°44	T 15
F 16	7 42 20	25°20'48	14°43	13°29	18°28	21°45	11°55	29°12	27° 9	17°32	15°16	23° 9	24°24	18°17	12°47	F 16
S 17	7 46 16	26°21'54	28° 2	14°51	19°44	22°31	11°48	29° 7	27°11	17°34	15°15	23° 6	24°21	18°23	12°50	S 17
S 18	7 50 13	27°23'00	11♒ 3	16°10	20°59	23°17	11°40	29° 2	27°13	17°36	15°14	23° 4	24°17	18°30	12°53	S 18
M19	7 54 9	28°24'07	23°47	17°26	22°15	24° 3	11°33	28°57	27°16	17°38	15°13	23°D 4	24°14	18°37	12°56	M19
T 20	7 58 6	29°25'13	6♓15	18°38	23°30	24°49	11°25	28°52	27°18	17°40	15°12	23° 4	24°11	18°44	12°59	T 20
W21	8 2 3	0♒26'20	18°27	19°46	24°46	25°35	11°17	28°47	27°20	17°43	15°11	23° 6	24° 8	18°50	13° 3	W21
T 22	8 5 59	1°27'26	0♈28	20°49	26° 1	26°20	11° 9	28°43	27°22	17°45	15°10	23° 7	24° 5	18°57	13° 6	T 22
F 23	8 9 56	2°28'32	12°22	21°46	27°17	27° 6	11° 1	28°38	27°24	17°47	15° 8	23° 9	24° 1	19° 4	13° 9	F 23
S 24	8 13 52	3°29'38	24°13	22°36	28°32	27°52	10°53	28°33	27°26	17°49	15° 7	23°10	23°58	19°10	13°13	S 24
S 25	8 17 49	4°30'44	6♉ 5	23°19	29°48	28°38	10°45	28°28	27°28	17°51	15° 6	23°R10	23°55	19°17	13°16	S 25
M26	8 21 45	5°31'49	18° 4	23°54	1♒ 3	29°24	10°37	28°23	27°30	17°54	15° 5	23°10	23°52	19°24	13°20	M26
T 27	8 25 42	6°32'54	0♊15	24°19	2°19	0♈10	10°29	28°18	27°32	17°56	15° 4	23° 8	23°49	19°30	13°23	T 27
W28	8 29 38	7°33'59	12°41	24°34	3°34	0°55	10°21	28°13	27°34	17°58	15° 3	23° 7	23°46	19°37	13°27	W28
T 29	8 33 35	8°35'03	25°27	24°R38	4°49	1°41	10°13	28° 8	27°36	18° 0	15° 2	23° 4	23°42	19°44	13°30	T 29
F 30	8 37 32	9°36'07	8♋33	24°31	6° 5	2°27	10° 5	28° 4	27°38	18° 3	15° 1	23° 2	23°39	19°51	13°34	F 30
S 31	8 41 28	10♒37'10	22♋ 0	24♒12	7♒20	3♈13	9♌57	27♋59	27♏39	18♒ 5	15♋ 0	23♌ 1	23♌36	19♈57	13♓37	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s54	18n 2	4s42	23s50	2s10	22s59	0n18	8s38	1s 3	17n 1	0n23	19n41	0s16	18s55	0n20	15s28	0n11	16n10	6s16	13n30	13n 3	2n46	2s11	5n11
F 2	22 50	19 10	4 7	23 37	2 12	23 1	0 16	8 19	1 2	17 3	0 24	19 42	0 16	18 56	0 20	15 27	0 11	16 10	6 16	13 32	13 4	2 48	2 10	5 11
S 3	22 44	19 17	3 18	23 23	2 13	23 3	0 13	8 1	1 1	17 5	0 24	19 43	0 15	18 57	0 20	15 27	0 11	16 10	6 16	13 35	13 5	2 50	2 10	5 10
S 4	22 39	18 20	2 17	23 7	2 14	23 4	0 11	7 43	0 59	17 6	0 24	19 44	0 15	18 57	0 20	15 26	0 11	16 10	6 16	13 36	13 6	2 52	2 9	5 10
M 5	22 32	16 18	1 8	22 50	2 15	23 4	0 8	7 24	0 58	17 8	0 24	19 45	0 15	18 58	0 20	15 26	0 11	16 10	6 16	13 37	13 7	2 54	2 9	5 10
T 6	22 26	13 18	0n 7	22 31	2 15	23 4	0 6	7 6	0 57	17 10	0 24	19 46	0 15	18 58	0 20	15 25	0 11	16 10	6 16	13 37	13 8	2 56	2 8	5 9
W 7	22 19	9 31	1 22	22 11	2 14	23 2	0 4	6 47	0 56	17 12	0 24	19 48	0 15	18 59	0 20	15 24	0 11	16 11	6 16	13 37	13 9	2 58	2 7	5 9
T 8	22 11	5 12	2 33	21 50	2 14	23 0	0 1	6 29	0 55	17 14	0 25	19 49	0 15	19 0	0 20	15 24	0 11	16 11	6 16	13 36	13 10	3 0	2 6	5 9
F 9	22 3	0 34	3 35	21 28	2 12	22 58	0s 1	6 10	0 54	17 16	0 25	19 50	0 15	19 0	0 20	15 23	0 11	16 11	6 16	13 36	13 11	3 2	2 6	5 8
S 10	21 55	4s 5	4 24	21 5	2 10	22 54	0 4	5 51	0 53	17 18	0 25	19 51	0 15	19 1	0 20	15 23	0 11	16 11	6 16	13 36	13 12	3 4	2 5	5 8
S 11	21 46	8 30	4 57	20 40	2 8	22 50	0 6	5 33	0 52	17 20	0 25	19 52	0 15	19 2	0 20	15 22	0 11	16 11	6 15	13 36	13 13	3 6	2 4	5 8
M12	21 37	12 27	5 11	20 14	2 5	22 46	0 9	5 14	0 51	17 23	0 25	19 53	0 15	19 2	0 20	15 21	0 11	16 12	6 15	13 37	13 14	3 8	2 3	5 8
T 13	21 27	15 40	5 8	19 47	2 1	22 40	0 11	4 55	0 50	17 25	0 25	19 54	0 14	19 3	0 20	15 21	0 11	16 12	6 15	13 38	13 15	3 10	2 2	5 7
W14	21 17	17 57	4 45	19 19	1 56	22 34	0 14	4 36	0 49	17 27	0 26	19 55	0 14	19 3	0 20	15 20	0 11	16 12	6 15	13 40	13 16	3 12	2 2	5 7
T 15	21 7	19 10	4 7	18 51	1 51	22 27	0 16	4 17	0 48	17 29	0 26	19 56	0 14	19 4	0 20	15 19	0 11	16 12	6 15	13 41	13 17	3 14	2 1	5 7
F 16	20 56	19 15	3 15	18 21	1 45	22 20	0 18	3 58	0 47	17 31	0 26	19 57	0 14	19 4	0 20	15 19	0 11	16 12	6 15	13 43	13 18	3 16	2 0	5 6
S 17	20 45	18 15	2 13	17 51	1 38	22 11	0 21	3 40	0 46	17 33	0 26	19 59	0 14	19 5	0 20	15 18	0 11	16 13	6 15	13 44	13 19	3 18	1 59	5 6
S 18	20 33	16 18	1 6	17 20	1 31	22 2	0 23	3 21	0 45	17 36	0 26	20 0	0 14	19 5	0 20	15 18	0 11	16 13	6 15	13 45	13 21	3 20	1 58	5 6
M19	20 21	13 34	0s 4	16 49	1 22	21 53	0 25	3 2	0 44	17 38	0 26	20 1	0 14	19 6	0 20	15 17	0 11	16 13	6 15	13 45	13 22	3 22	1 57	5 6
T 20	20 9	10 17	1 12	16 18	1 12	21 43	0 28	2 43	0 43	17 40	0 26	20 2	0 14	19 6	0 20	15 16	0 11	16 13	6 15	13 44	13 23	3 24	1 56	5 5
W21	19 56	6 37	2 15	15 47	1 2	21 32	0 30	2 24	0 42	17 43	0 27	20 3	0 14	19 7	0 20	15 16	0 11	16 13	6 15	13 44	13 24	3 26	1 55	5 5
T 22	19 43	2 45	3 12	15 16	0 50	21 20	0 32	2 5	0 41	17 45	0 27	20 4	0 13	19 7	0 20	15 15	0 11	16 14	6 15	13 43	13 25	3 28	1 54	5 5
F 23	19 29	1n11	3 59	14 46	0 38	21 8	0 34	1 46	0 40	17 47	0 27	20 5	0 13	19 8	0 20	15 14	0 11	16 14	6 15	13 43	13 26	3 30	1 53	5 4
S 24	19 15	5 2	4 37	14 16	0 24	20 55	0 37	1 27	0 39	17 49	0 27	20 6	0 13	19 8	0 20	15 14	0 11	16 14	6 14	13 43	13 27	3 32	1 52	5 4
S 25	19 1	8 42	5 2	13 49	0 10	20 42	0 39	1 8	0 38	17 52	0 27	20 7	0 13	19 9	0 20	15 13	0 11	16 14	6 14	13 42	13 28	3 34	1 51	5 4
M26	18 46	12 4	5 15	13 23	0n 6	20 28	0 41	0 48	0 37	17 54	0 27	20 9	0 13	19 9	0 20	15 12	0 10	16 14	6 14	13 43	13 29	3 36	1 50	5 4
T 27	18 31	14 58	5 14	12 59	0 22	20 13	0 43	0 29	0 36	17 56	0 27	20 10	0 13	19 10	0 20	15 12	0 10	16 15	6 14	13 43	13 30	3 39	1 49	5 3
W28	18 16	17 15	4 58	12 37	0 40	19 58	0 45	0 10	0 35	17 59	0 28	20 11	0 13	19 10	0 20	15 11	0 10	16 15	6 14	13 44	13 31	3 41	1 48	5 3
T 29	18 0	18 46	4 27	12 19	0 58	19 42	0 47	0n 9	0 34	18 1	0 28	20 12	0 13	19 10	0 20	15 10	0 10	16 15	6 14	13 44	13 32	3 43	1 47	5 3
F 30	17 44	19 19	3 42	12 4	1 16	19 25	0 49	0 28	0 33	18 3	0 28	20 13	0 13	19 11	0 20	15 10	0 10	16 15	6 14	13 45	13 33	3 45	1 45	5 3
S 31	17s28	18n49	2s43	11s53	1n34	19s 8	0s51	0n46	0s32	18n 5	0n28	20n14	0s12	19s11	0n20	15s 9	0n10	16n16	6s14	13n46	13n34	3n47	1s44	5n 3

Julian Day Number = 2872669.5, Delta T = 01h12m42s
Ecliptic obliquity = 23°17'16, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°53'11, Lahiri = 40°00'12

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ASTRODIENST EPHEMERIS for the year 3153
geocentric

FEBRUARY 3153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 45 25	11♒38'13	5♌48	23°R41	8♒36	3♈59	9°R49	27°R54	27♏41	18♒ 7	14°R59	23°R 0	23♌33	20♈ 4	13♓41	S 1
M 2	8 49 21	12°39'16	19°54	22♒59	9°51	4°44	9♌41	27♋49	27°43	18° 9	14♋58	22°D59	23°30	20°11	13°45	M 2
T 3	8 53 18	13°40'18	4♍13	22° 6	11° 7	5°30	9°33	27°45	27°44	18°12	14°56	22♌59	23°27	20°17	13°48	T 3
W 4	8 57 14	14°41'20	18°40	21° 5	12°22	6°16	9°25	27°40	27°46	18°14	14°55	23° 0	23°23	20°24	13°52	W 4
T 5	9 1 11	15°42'22	3♎10	19°55	13°38	7° 1	9°17	27°35	27°47	18°16	14°54	23° 1	23°20	20°31	13°56	T 5
F 6	9 5 7	16°43'23	17°38	18°41	14°53	7°47	9° 9	27°31	27°49	18°19	14°53	23° 1	23°17	20°37	14° 0	F 6
S 7	9 9 4	17°44'24	1♏59	17°24	16° 9	8°33	9° 1	27°26	27°50	18°21	14°52	23° 2	23°14	20°44	14° 3	S 7
S 8	9 13 1	18°45'25	16°11	16° 6	17°24	9°18	8°53	27°22	27°51	18°23	14°51	23°R 2	23°11	20°51	14° 7	S 8
M 9	9 16 57	19°46'26	0♐11	14°50	18°39	10° 4	8°45	27°18	27°53	18°25	14°51	23° 2	23° 7	20°58	14°11	M 9
T 10	9 20 54	20°47'27	13°59	13°38	19°55	10°50	8°37	27°13	27°54	18°28	14°50	23° 2	23° 4	21° 4	14°15	T 10
W11	9 24 50	21°48'27	27°33	12°31	21°10	11°35	8°30	27° 9	27°55	18°30	14°49	23° 1	23° 1	21°11	14°19	W11
T 12	9 28 47	22°49'27	10♑53	11°32	22°26	12°21	8°22	27° 5	27°56	18°32	14°48	23°D 1	22°58	21°18	14°23	T 12
F 13	9 32 43	23°50'26	24° 1	10°41	23°41	13° 6	8°14	27° 1	27°57	18°34	14°47	23° 1	22°55	21°24	14°27	F 13
S 14	9 36 40	24°51'25	6♒55	9°58	24°57	13°52	8° 7	26°57	27°58	18°37	14°46	23° 1	22°52	21°31	14°31	S 14
S 15	9 40 36	25°52'23	19°36	9°24	26°12	14°37	8° 0	26°53	27°59	18°39	14°45	23°R 2	22°48	21°38	14°35	S 15
M16	9 44 33	26°53'20	2♓ 5	9° 0	27°28	15°23	7°52	26°49	28° 0	18°41	14°44	23° 1	22°45	21°44	14°39	M16
T 17	9 48 30	27°54'16	14°22	8°44	28°43	16° 8	7°45	26°45	28° 1	18°44	14°43	23° 1	22°42	21°51	14°43	T 17
W18	9 52 26	28°55'11	26°29	8°D36	29°58	16°53	7°38	26°41	28° 1	18°46	14°43	23° 1	22°39	21°58	14°47	W18
T 19	9 56 23	29°56'05	8♈27	8°37	1♓14	17°39	7°31	26°37	28° 2	18°48	14°42	23° 0	22°36	22° 5	14°51	T 19
F 20	10 0 19	0♓56'58	20°20	8°45	2°29	18°24	7°24	26°34	28° 3	18°50	14°41	22°59	22°33	22°11	14°55	F 20
S 21	10 4 16	1°57'50	2♉11	8°59	3°44	19° 9	7°17	26°30	28° 3	18°52	14°40	22°57	22°29	22°18	14°59	S 21
S 22	10 8 12	2°58'41	14° 3	9°21	5° 0	19°55	7°11	26°27	28° 4	18°55	14°40	22°56	22°26	22°25	15° 3	S 22
M23	10 12 9	3°59'31	26° 0	9°48	6°15	20°40	7° 4	26°23	28° 4	18°57	14°39	22°56	22°23	22°31	15° 7	M23
T 24	10 16 5	5° 0'19	8♊ 8	10°20	7°30	21°25	6°58	26°20	28° 5	18°59	14°38	22°D56	22°20	22°38	15°11	T 24
W25	10 20 2	6° 1'05	20°30	10°57	8°46	22°10	6°52	26°17	28° 5	19° 1	14°37	22°56	22°17	22°45	15°15	W25
T 26	10 23 58	7° 1'51	3♋12	11°39	10° 1	22°56	6°46	26°13	28° 6	19° 4	14°37	22°57	22°13	22°51	15°19	T 26
F 27	10 27 55	8° 2'35	16°16	12°25	11°16	23°41	6°40	26°10	28° 6	19° 6	14°36	22°58	22°10	22°58	15°23	F 27
S 28	10 31 52	9♓ 3'17	29♋45	13♒15	12♓32	24♈26	6♌34	26♋ 7	28♏ 6	19♒ 8	14♋35	23♌ 0	22♌ 7	23♈ 5	15♓27	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s11	17n11	1s34	11s46	1n53	18s51	0s53	1n 5	0s31	18n 8	0n28	20n15	0s12	19s12	0n20	15s 8	0n10	16n16	6s14	13n46	13n35	3n49	1s43	5n 2
M 2	16 54	14 29	0 17	11 43	2 11	18 33	0 55	1 24	0 30	18 10	0 28	20 16	0 12	19 12	0 20	15 8	0 10	16 16	6 14	13 46	13 36	3 51	1 42	5 2
T 3	16 37	10 52	1n 2	11 43	2 28	18 14	0 57	1 43	0 29	18 12	0 28	20 17	0 12	19 12	0 20	15 7	0 10	16 16	6 13	13 46	13 37	3 53	1 41	5 2
W 4	16 19	6 34	2 18	11 48	2 43	17 55	0 58	2 2	0 28	18 15	0 28	20 18	0 12	19 13	0 20	15 6	0 10	16 16	6 13	13 46	13 38	3 55	1 39	5 2
T 5	16 2	1 53	3 25	11 57	2 57	17 35	1 0	2 21	0 28	18 17	0 29	20 19	0 12	19 13	0 20	15 6	0 10	16 17	6 13	13 46	13 39	3 57	1 38	5 1
F 6	15 44	2s53	4 19	12 8	3 9	17 15	1 2	2 40	0 27	18 19	0 29	20 20	0 12	19 13	0 20	15 5	0 10	16 17	6 13	13 45	13 40	3 59	1 37	5 1
S 7	15 25	7 27	4 56	12 22	3 18	16 54	1 3	2 58	0 26	18 21	0 29	20 21	0 12	19 14	0 20	15 4	0 10	16 17	6 13	13 45	13 41	4 1	1 36	5 1
S 8	15 6	11 32	5 15	12 39	3 25	16 33	1 5	3 17	0 25	18 23	0 29	20 22	0 12	19 14	0 20	15 3	0 10	16 17	6 13	13 45	13 42	4 3	1 34	5 1
M 9	14 48	14 55	5 15	12 57	3 29	16 12	1 7	3 36	0 24	18 25	0 29	20 23	0 11	19 14	0 20	15 3	0 10	16 18	6 13	13 45	13 43	4 5	1 33	5 1
T 10	14 28	17 25	4 57	13 15	3 31	15 50	1 8	3 54	0 23	18 28	0 29	20 24	0 11	19 14	0 20	15 2	0 10	16 18	6 13	13 45	13 44	4 7	1 32	5 1
W11	14 9	18 54	4 22	13 34	3 31	15 27	1 10	4 13	0 22	18 30	0 29	20 25	0 11	19 15	0 20	15 1	0 10	16 18	6 12	13 45	13 46	4 9	1 31	5 0
T 12	13 49	19 18	3 33	13 53	3 28	15 4	1 11	4 32	0 21	18 32	0 29	20 26	0 11	19 15	0 20	15 1	0 10	16 18	6 12	13 45	13 47	4 11	1 29	5 0
F 13	13 29	18 38	2 34	14 11	3 23	14 41	1 12	4 50	0 20	18 34	0 29	20 27	0 11	19 15	0 20	15 0	0 10	16 19	6 12	13 45	13 48	4 13	1 28	5 0
S 14	13 9	17 0	1 28	14 29	3 16	14 17	1 14	5 8	0 19	18 36	0 29	20 28	0 11	19 15	0 20	14 59	0 10	16 19	6 12	13 45	13 49	4 15	1 27	5 0
S 15	12 49	14 33	0 19	14 45	3 9	13 53	1 15	5 27	0 18	18 38	0 30	20 28	0 11	19 15	0 20	14 59	0 10	16 19	6 12	13 45	13 50	4 17	1 25	5 0
M16	12 28	11 27	0s50	15 0	3 0	13 28	1 16	5 45	0 17	18 40	0 30	20 29	0 11	19 16	0 20	14 58	0 10	16 19	6 12	13 45	13 51	4 19	1 24	5 0
T 17	12 8	7 54	1 56	15 14	2 50	13 3	1 17	6 3	0 16	18 42	0 30	20 30	0 11	19 16	0 20	14 57	0 10	16 19	6 12	13 45	13 52	4 21	1 22	4 59
W18	11 47	4 4	2 55	15 26	2 39	12 38	1 18	6 21	0 15	18 44	0 30	20 31	0 10	19 16	0 20	14 57	0 10	16 20	6 11	13 46	13 53	4 23	1 21	4 59
T 19	11 25	0 8	3 46	15 37	2 28	12 12	1 19	6 39	0 15	18 45	0 30	20 32	0 10	19 16	0 20	14 56	0 10	16 20	6 11	13 46	13 54	4 25	1 20	4 59
F 20	11 4	3n46	4 27	15 46	2 17	11 46	1 20	6 57	0 14	18 47	0 30	20 33	0 10	19 16	0 20	14 55	0 10	16 20	6 11	13 46	13 55	4 27	1 18	4 59
S 21	10 43	7 31	4 56	15 53	2 5	11 20	1 21	7 15	0 13	18 49	0 30	20 33	0 10	19 16	0 20	14 55	0 10	16 20	6 11	13 47	13 56	4 29	1 17	4 59
S 22	10 21	10 58	5 13	15 59	1 53	10 53	1 22	7 33	0 12	18 51	0 30	20 34	0 10	19 17	0 20	14 54	0 10	16 21	6 11	13 47	13 57	4 31	1 15	4 59
M23	9 59	14 0	5 16	16 4	1 41	10 27	1 23	7 51	0 11	18 52	0 30	20 35	0 10	19 17	0 20	14 53	0 10	16 21	6 11	13 47	13 58	4 33	1 14	4 59
T 24	9 37	16 29	5 6	16 6	1 29	9 59	1 23	8 9	0 10	18 54	0 30	20 36	0 10	19 17	0 20	14 53	0 10	16 21	6 10	13 47	13 59	4 36	1 13	4 58
W25	9 15	18 17	4 41	16 8	1 18	9 32	1 24	8 26	0 9	18 56	0 30	20 36	0 10	19 17	0 20	14 52	0 10	16 21	6 10	13 47	14 0	4 38	1 11	4 58
T 26	8 53	19 13	4 2	16 7	1 6	9 4	1 25	8 44	0 8	18 57	0 30	20 37	0 9	19 17	0 20	14 51	0 10	16 22	6 10	13 47	14 1	4 40	1 10	4 58
F 27	8 30	19 10	3 10	16 6	0 55	8 36	1 25	9 1	0 8	18 59	0 30	20 38	0 9	19 17	0 20	14 51	0 10	16 22	6 10	13 46	14 2	4 42	1 8	4 58
S 28	8s 7	18n 2	2s 5	16s 2	0n44	8s 8	1s26	9n18	0s 7	19n 0	0n31	20n38	0s 9	19s17	0n20	14s50	0n10	16n22	6s10	13n46	14n 3	4n44	1s 7	4n58

Julian Day Number = 2872700.5, Delta T = 01h12m43s
Ecliptic obliquity = 23°17'17, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°53'16, Lahiri = 40°00'16

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ASTRODIENST EPHEMERIS for the year 3153
geocentric

MARCH 3153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 35 48	10♓ 3'59	13♌41	14♒ 8	13♓47	25♈11	6°R28	26°R 5	28♏ 6	19♒10	14°R35	23♌ 0	22♌ 4	23♈12	15♓31	S 1
M 2	10 39 45	11° 4'38	28° 0	15° 4	15° 2	25°56	6♌23	26♋ 2	28° 6	19°12	14♋34	23°R 1	22° 1	23°18	15°36	M 2
T 3	10 43 41	12° 5'17	12♍40	16° 4	16°17	26°41	6°17	25°59	28°R 6	19°14	14°34	23° 0	21°58	23°25	15°40	T 3
W 4	10 47 38	13° 5'53	27°33	17° 6	17°33	27°26	6°12	25°57	28° 6	19°16	14°33	22°58	21°54	23°32	15°44	W 4
T 5	10 51 34	14° 6'29	12♎32	18°10	18°48	28°11	6° 7	25°54	28° 6	19°19	14°33	22°55	21°51	23°38	15°48	T 5
F 6	10 55 31	15° 7'04	27°27	19°17	20° 3	28°56	6° 2	25°52	28° 6	19°21	14°32	22°52	21°48	23°45	15°52	F 6
S 7	10 59 27	16° 7'37	12♏12	20°26	21°18	29°40	5°58	25°50	28° 6	19°23	14°32	22°49	21°45	23°52	15°56	S 7
S 8	11 3 24	17° 8'09	26°39	21°36	22°33	0♉25	5°53	25°47	28° 6	19°25	14°31	22°47	21°42	23°59	16° 0	S 8
M 9	11 7 21	18° 8'41	10♐45	22°49	23°49	1°10	5°49	25°45	28° 5	19°27	14°31	22°46	21°38	24° 5	16° 4	M 9
T 10	11 11 17	19° 9'11	24°30	24° 3	25° 4	1°55	5°44	25°43	28° 5	19°29	14°30	22°D46	21°35	24°12	16° 8	T 10
W11	11 15 14	20° 9'40	7♑54	25°20	26°19	2°39	5°40	25°41	28° 5	19°31	14°30	22°47	21°32	24°19	16°13	W11
T 12	11 19 10	21°10'07	20°58	26°37	27°34	3°24	5°37	25°40	28° 4	19°33	14°29	22°48	21°29	24°25	16°17	T 12
F 13	11 23 7	22°10'34	3♒46	27°56	28°49	4° 9	5°33	25°38	28° 4	19°35	14°29	22°50	21°26	24°32	16°21	F 13
S 14	11 27 3	23°10'59	16°20	29°17	0♈ 4	4°53	5°30	25°37	28° 3	19°37	14°29	22°51	21°23	24°39	16°25	S 14
S 15	11 31 0	24°11'22	28°42	0♓39	1°19	5°38	5°26	25°35	28° 2	19°39	14°28	22°R51	21°19	24°45	16°29	S 15
M16	11 34 56	25°11'44	10♓55	2° 2	2°34	6°22	5°23	25°34	28° 2	19°41	14°28	22°49	21°16	24°52	16°33	M16
T 17	11 38 53	26°12'05	23° 0	3°27	3°49	7° 7	5°20	25°33	28° 1	19°43	14°28	22°46	21°13	24°59	16°37	T 17
W18	11 42 50	27°12'23	4♈59	4°52	5° 4	7°51	5°18	25°31	28° 0	19°45	14°27	22°41	21°10	25° 6	16°41	W18
T 19	11 46 46	28°12'41	16°54	6°19	6°19	8°36	5°15	25°30	27°59	19°47	14°27	22°35	21° 7	25°12	16°45	T 19
F 20	11 50 43	29°12'56	28°45	7°48	7°34	9°20	5°13	25°30	27°59	19°48	14°27	22°28	21° 4	25°19	16°49	F 20
S 21	11 54 39	0♈13'10	10♉36	9°17	8°49	10° 4	5°11	25°29	27°58	19°50	14°27	22°21	21° 0	25°26	16°53	S 21
S 22	11 58 36	1°13'21	22°29	10°47	10° 4	10°49	5° 9	25°28	27°57	19°52	14°27	22°14	20°57	25°32	16°57	S 22
M23	12 2 32	2°13'31	4♊26	12°19	11°19	11°33	5° 7	25°28	27°56	19°54	14°27	22° 9	20°54	25°39	17° 1	M23
T 24	12 6 29	3°13'39	16°31	13°52	12°34	12°17	5° 6	25°27	27°55	19°56	14°26	22° 5	20°51	25°46	17° 5	T 24
W25	12 10 25	4°13'45	28°50	15°25	13°49	13° 1	5° 4	25°27	27°53	19°58	14°26	22°D 4	20°48	25°53	17° 9	W25
T 26	12 14 22	5°13'49	11♋25	17° 0	15° 4	13°45	5° 3	25°27	27°52	19°59	14°26	22° 4	20°44	25°59	17°13	T 26
F 27	12 18 18	6°13'51	24°22	18°36	16°18	14°29	5° 2	25°D27	27°51	20° 1	14°26	22° 5	20°41	26° 6	17°17	F 27
S 28	12 22 15	7°13'50	7♌44	20°14	17°33	15°13	5° 2	25°27	27°50	20° 3	14°26	22° 6	20°38	26°13	17°21	S 28
S 29	12 26 12	8°13'48	21°34	21°52	18°48	15°57	5° 1	25°27	27°48	20° 4	14°D26	22°R 7	20°35	26°19	17°25	S 29
M30	12 30 8	9°13'43	5♍52	23°31	20° 3	16°41	5° 1	25°27	27°47	20° 6	14°26	22° 6	20°32	26°26	17°29	M30
T 31	12 34 5	10♈13'36	20♍37	25♓12	21♈17	17♉25	5°D 1	25♋27	27♏46	20♒ 8	14♋26	22♌ 3	20♌29	26♈33	17♓33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s45	15n48	0s51	15s58	0n33	7s40	1s26	9n36	0s 6	19n 2	0n31	20n39	0s 9	19s17	0n20	14s49	0n10	16n22	6s10	13n46	14n 4	4n46	1s 5	4n58
M 2	7 22	12 31	0n28	15 52	0 22	7 11	1 26	9 53	0 5	19 3	0 31	20 40	0 9	19 17	0 20	14 49	0 10	16 22	6 9	13 46	14 5	4 48	1 4	4 58
T 3	6 59	8 24	1 46	15 44	0 12	6 43	1 27	10 10	0 4	19 5	0 31	20 40	0 9	19 17	0 20	14 48	0 10	16 23	6 9	13 46	14 6	4 50	1 2	4 58
W 4	6 36	3 43	2 59	15 35	0 2	6 14	1 27	10 26	0 3	19 6	0 31	20 41	0 9	19 17	0 20	14 47	0 10	16 23	6 9	13 47	14 7	4 52	1 1	4 58
T 5	6 13	1s14	4 0	15 25	0s 8	5 44	1 27	10 43	0 3	19 7	0 31	20 41	0 9	19 17	0 20	14 47	0 10	16 23	6 9	13 47	14 8	4 54	0 59	4 58
F 6	5 50	6 4	4 44	15 13	0 17	5 15	1 27	11 0	0 2	19 9	0 31	20 42	0 9	19 17	0 20	14 46	0 10	16 23	6 9	13 48	14 9	4 56	0 58	4 58
S 7	5 26	10 29	5 9	15 0	0 26	4 46	1 27	11 16	0 1	19 10	0 31	20 43	0 8	19 17	0 20	14 45	0 10	16 24	6 9	13 49	14 10	4 58	0 56	4 57
S 8	5 3	14 11	5 14	14 46	0 35	4 16	1 27	11 33	0 0	19 11	0 31	20 43	0 8	19 17	0 20	14 45	0 10	16 24	6 8	13 50	14 11	5 0	0 55	4 57
M 9	4 40	16 59	4 59	14 31	0 44	3 47	1 27	11 49	0n 1	19 12	0 31	20 44	0 8	19 17	0 20	14 44	0 10	16 24	6 8	13 51	14 12	5 2	0 53	4 57
T 10	4 16	18 43	4 28	14 14	0 52	3 17	1 27	12 5	0 2	19 13	0 31	20 44	0 8	19 17	0 20	14 43	0 10	16 24	6 8	13 51	14 13	5 4	0 52	4 57
W11	3 52	19 21	3 42	13 56	0 59	2 47	1 26	12 21	0 2	19 14	0 31	20 44	0 8	19 17	0 20	14 43	0 10	16 24	6 8	13 50	14 14	5 6	0 50	4 57
T 12	3 29	18 56	2 46	13 37	1 7	2 17	1 26	12 37	0 3	19 15	0 31	20 45	0 8	19 16	0 20	14 42	0 10	16 25	6 8	13 50	14 15	5 8	0 49	4 57
F 13	3 5	17 31	1 43	13 16	1 14	1 47	1 26	12 53	0 4	19 16	0 31	20 45	0 8	19 16	0 20	14 42	0 10	16 25	6 8	13 49	14 16	5 10	0 47	4 57
S 14	2 41	15 16	0 36	12 55	1 21	1 17	1 25	13 9	0 5	19 17	0 31	20 46	0 8	19 16	0 20	14 41	0 10	16 25	6 7	13 49	14 17	5 12	0 45	4 57
S 15	2 18	12 21	0s32	12 32	1 27	0 47	1 25	13 24	0 5	19 18	0 31	20 46	0 8	19 16	0 20	14 40	0 10	16 25	6 7	13 49	14 18	5 14	0 44	4 57
M16	1 54	8 56	1 37	12 8	1 33	0 16	1 24	13 39	0 6	19 18	0 31	20 46	0 7	19 16	0 20	14 40	0 10	16 26	6 7	13 49	14 19	5 16	0 42	4 57
T 17	1 30	5 10	2 37	11 43	1 38	0n14	1 24	13 55	0 7	19 19	0 31	20 47	0 7	19 16	0 20	14 39	0 10	16 26	6 7	13 50	14 20	5 18	0 41	4 57
W18	1 6	1 15	3 30	11 16	1 44	0 44	1 23	14 10	0 8	19 20	0 31	20 47	0 7	19 16	0 20	14 39	0 10	16 26	6 7	13 52	14 21	5 20	0 39	4 57
T 19	0 42	2n42	4 12	10 49	1 49	1 14	1 22	14 25	0 9	19 21	0 31	20 47	0 7	19 15	0 20	14 38	0 10	16 26	6 6	13 54	14 22	5 22	0 38	4 57
F 20	0 19	6 32	4 44	10 21	1 53	1 44	1 21	14 40	0 9	19 21	0 31	20 48	0 7	19 15	0 20	14 37	0 10	16 26	6 6	13 56	14 23	5 25	0 36	4 57
S 21	0n 5	10 6	5 4	9 51	1 57	2 14	1 20	14 54	0 10	19 22	0 31	20 48	0 7	19 15	0 20	14 37	0 10	16 27	6 6	13 59	14 24	5 27	0 35	4 57
S 22	0 29	13 16	5 10	9 20	2 1	2 45	1 20	15 9	0 11	19 22	0 31	20 48	0 7	19 15	0 20	14 36	0 10	16 27	6 6	14 1	14 25	5 29	0 33	4 57
M23	0 53	15 56	5 3	8 49	2 4	3 15	1 19	15 23	0 12	19 23	0 31	20 48	0 7	19 14	0 20	14 36	0 10	16 27	6 6	14 2	14 26	5 31	0 32	4 57
T 24	1 17	17 56	4 42	8 16	2 7	3 45	1 17	15 37	0 12	19 23	0 31	20 48	0 7	19 14	0 20	14 35	0 10	16 27	6 6	14 4	14 27	5 33	0 30	4 57
W25	1 40	19 8	4 9	7 42	2 10	4 15	1 16	15 51	0 13	19 23	0 31	20 49	0 6	19 14	0 20	14 35	0 10	16 27	6 5	14 4	14 28	5 35	0 28	4 57
T 26	2 4	19 26	3 22	7 8	2 12	4 44	1 15	16 5	0 14	19 24	0 31	20 49	0 6	19 14	0 20	14 34	0 10	16 28	6 5	14 4	14 29	5 37	0 27	4 57
F 27	2 28	18 44	2 24	6 32	2 14	5 14	1 14	16 19	0 14	19 24	0 31	20 49	0 6	19 13	0 20	14 34	0 10	16 28	6 5	14 4	14 30	5 39	0 25	4 57
S 28	2 51	16 59	1 17	5 55	2 15	5 44	1 13	16 32	0 15	19 24	0 32	20 49	0 6	19 13	0 20	14 33	0 10	16 28	6 5	14 3	14 31	5 41	0 24	4 57
S 29	3 15	14 11	0 3	5 17	2 16	6 13	1 11	16 46	0 16	19 24	0 32	20 49	0 6	19 13	0 20	14 32	0 10	16 28	6 5	14 3	14 32	5 43	0 22	4 57
M30	3 38	10 26	1n14	4 39	2 16	6 43	1 10	16 59	0 17	19 24	0 32	20 49	0 6	19 13	0 21	14 32	0 10	16 28	6 4	14 3	14 33	5 45	0 21	4 57
T 31	4n 2	5n57	2n28	3s59	2s16	7n12	1s 8	17n12	0n17	19n24	0n32	20n49	0s 6	19s12	0n21	14s31	0n10	16n29	6s 4	14n 4	14n34	5n47	0s19	4n57

Julian Day Number = 2872728.5, Delta T = 01h12m44s
Ecliptic obliquity = 23°17'17, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°53'20, Lahiri = 40°00'20

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3153
geocentric

APRIL 3153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 38 1	11♈13'28	5♎42	26♓54	22♈32	18♉ 9	5♌ 1	25♋28	27°R44	20♒ 9	14♋26	21°R58	20♌25	26♈40	17♓37	W 1
T 2	12 41 58	12°13'17	20°58	28°37	23°47	18°53	5° 1	25°28	27♏43	20°11	14°26	21♌51	20°22	26°46	17°41	T 2
F 3	12 45 54	13°13'05	6♏14	0♈21	25° 1	19°37	5° 1	25°29	27°41	20°12	14°26	21°43	20°19	26°53	17°44	F 3
S 4	12 49 51	14°12'51	21°20	2° 6	26°16	20°20	5° 2	25°30	27°40	20°14	14°27	21°36	20°16	27° 0	17°48	S 4
S 5	12 53 47	15°12'35	6♐ 6	3°53	27°31	21° 4	5° 3	25°31	27°38	20°15	14°27	21°29	20°13	27° 6	17°52	S 5
M 6	12 57 44	16°12'18	20°27	5°40	28°45	21°48	5° 4	25°32	27°36	20°17	14°27	21°24	20°10	27°13	17°56	M 6
T 7	13 1 41	17°11'59	4♑20	7°29	29°59	22°31	5° 5	25°33	27°35	20°18	14°27	21°21	20° 6	27°20	17°59	T 7
W 8	13 5 37	18°11'38	17°46	9°20	1♉14	23°15	5° 6	25°34	27°33	20°20	14°27	21°D20	20° 3	27°26	18° 3	W 8
T 9	13 9 34	19°11'16	0♒46	11°11	2°29	23°58	5° 8	25°35	27°31	20°21	14°28	21°21	20° 0	27°33	18° 7	T 9
F 10	13 13 30	20°10'52	13°26	13° 4	3°43	24°42	5°10	25°37	27°29	20°23	14°28	21°21	19°57	27°40	18°10	F 10
S 11	13 17 27	21°10'26	25°49	14°58	4°58	25°25	5°12	25°38	27°27	20°24	14°28	21°R22	19°54	27°47	18°14	S 11
S 12	13 21 23	22° 9'59	8♓ 0	16°53	6°12	26° 8	5°14	25°40	27°26	20°25	14°28	21°20	19°50	27°53	18°18	S 12
M13	13 25 20	23° 9'29	20° 1	18°50	7°26	26°52	5°16	25°42	27°24	20°27	14°29	21°16	19°47	28° 0	18°21	M13
T 14	13 29 16	24° 8'58	1♈57	20°47	8°41	27°35	5°19	25°44	27°22	20°28	14°29	21°10	19°44	28° 7	18°25	T 14
W15	13 33 13	25° 8'25	13°50	22°46	9°55	28°18	5°22	25°46	27°20	20°29	14°29	21° 0	19°41	28°13	18°28	W15
T 16	13 37 10	26° 7'51	25°41	24°46	11° 9	29° 1	5°24	25°48	27°18	20°30	14°30	20°49	19°38	28°20	18°32	T 16
F 17	13 41 6	27° 7'14	7♉33	26°47	12°24	29°44	5°28	25°50	27°16	20°31	14°30	20°36	19°35	28°27	18°35	F 17
S 18	13 45 3	28° 6'35	19°26	28°49	13°38	0♊28	5°31	25°52	27°13	20°33	14°31	20°23	19°31	28°34	18°38	S 18
S 19	13 48 59	29° 5'54	1♊22	0♉52	14°52	1°11	5°34	25°55	27°11	20°34	14°31	20°11	19°28	28°40	18°42	S 19
M20	13 52 56	0♉ 5'11	13°24	2°55	16° 6	1°54	5°38	25°57	27° 9	20°35	14°32	20° 0	19°25	28°47	18°45	M20
T 21	13 56 52	1° 4'26	25°32	4°59	17°21	2°37	5°42	26° 0	27° 7	20°36	14°32	19°53	19°22	28°54	18°48	T 21
W22	14 0 49	2° 3'39	7♋52	7° 3	18°35	3°20	5°46	26° 3	27° 5	20°37	14°33	19°48	19°19	29° 0	18°52	W22
T 23	14 4 45	3° 2'49	20°25	9° 7	19°49	4° 2	5°50	26° 5	27° 2	20°38	14°33	19°45	19°15	29° 7	18°55	T 23
F 24	14 8 42	4° 1'57	3♌17	11°11	21° 3	4°45	5°54	26° 8	27° 0	20°39	14°34	19°D45	19°12	29°14	18°58	F 24
S 25	14 12 39	5° 1'03	16°31	13°14	22°17	5°28	5°59	26°11	26°58	20°40	14°34	19°R45	19° 9	29°21	19° 1	S 25
S 26	14 16 35	6° 0'07	0♍11	15°17	23°31	6°11	6° 3	26°15	26°56	20°41	14°35	19°44	19° 6	29°27	19° 4	S 26
M27	14 20 32	6°59'08	14°18	17°19	24°45	6°53	6° 8	26°18	26°53	20°41	14°36	19°43	19° 3	29°34	19° 7	M27
T 28	14 24 28	7°58'07	28°53	19°19	25°59	7°36	6°13	26°21	26°51	20°42	14°36	19°38	19° 0	29°41	19°10	T 28
W29	14 28 25	8°57'04	13♎52	21°17	27°13	8°19	6°18	26°25	26°49	20°43	14°37	19°31	18°56	29°47	19°13	W29
T 30	14 32 21	9♉55'59	29♎ 6	23♉13	28♉27	9♊ 1	6♌24	26♋28	26♏46	20♒44	14♋38	19♌22	18♌53	29♈54	19♓16	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n25	1n 1	3n33	3s19	2s16	7n41	1s 7	17n25	0n18	19n24	0n32	20n49	0s 6	19s12	0n21	14s31	0n10	16n29	6s 4	14n 6	14n35	5n49	0s18	4n57
T 2	4 48	4s 3	4 23	2 37	2 15	8 10	1 5	17 38	0 19	19 24	0 32	20 49	0 6	19 12	0 21	14 30	0 10	16 29	6 4	14 8	14 36	5 51	0 16	4 57
F 3	5 11	8 51	4 55	1 55	2 14	8 38	1 4	17 50	0 19	19 24	0 32	20 49	0 5	19 11	0 21	14 30	0 10	16 29	6 4	14 11	14 37	5 53	0 15	4 57
S 4	5 34	13 3	5 6	1 11	2 12	9 7	1 2	18 2	0 20	19 24	0 32	20 49	0 5	19 11	0 21	14 30	0 10	16 29	6 3	14 13	14 38	5 55	0 13	4 58
S 5	5 57	16 19	4 57	0 27	2 10	9 35	1 0	18 15	0 21	19 24	0 32	20 49	0 5	19 10	0 21	14 29	0 10	16 29	6 3	14 15	14 39	5 57	0 12	4 58
M 6	6 20	18 29	4 28	0n18	2 7	10 3	0 58	18 26	0 21	19 24	0 32	20 49	0 5	19 10	0 21	14 29	0 10	16 30	6 3	14 17	14 40	5 59	0 10	4 58
T 7	6 43	19 28	3 45	1 3	2 4	10 31	0 57	18 38	0 22	19 23	0 32	20 49	0 5	19 10	0 21	14 28	0 10	16 30	6 3	14 18	14 41	6 1	0 9	4 58
W 8	7 5	19 18	2 50	1 50	2 0	10 58	0 55	18 50	0 23	19 23	0 32	20 49	0 5	19 9	0 21	14 28	0 10	16 30	6 3	14 18	14 42	6 3	0 7	4 58
T 9	7 28	18 6	1 48	2 37	1 56	11 26	0 53	19 1	0 23	19 23	0 32	20 49	0 5	19 9	0 21	14 27	0 10	16 30	6 3	14 18	14 43	6 5	0 6	4 58
F 10	7 50	16 0	0 42	3 25	1 51	11 53	0 51	19 13	0 24	19 22	0 32	20 49	0 5	19 8	0 21	14 27	0 10	16 30	6 2	14 18	14 44	6 7	0 4	4 58
S 11	8 13	13 12	0s24	4 14	1 46	12 20	0 49	19 24	0 24	19 22	0 32	20 48	0 5	19 8	0 21	14 26	0 10	16 30	6 2	14 18	14 45	6 9	0 3	4 58
S 12	8 35	9 53	1 28	5 3	1 40	12 46	0 47	19 34	0 25	19 21	0 32	20 48	0 4	19 8	0 21	14 26	0 10	16 31	6 2	14 18	14 46	6 11	0 1	4 58
M13	8 57	6 11	2 27	5 53	1 34	13 12	0 45	19 45	0 26	19 21	0 32	20 48	0 4	19 7	0 21	14 26	0 10	16 31	6 2	14 19	14 47	6 14	0n 0	4 58
T 14	9 19	2 16	3 19	6 43	1 27	13 38	0 43	19 55	0 26	19 20	0 32	20 48	0 4	19 7	0 21	14 25	0 10	16 31	6 2	14 21	14 48	6 16	0 2	4 58
W15	9 40	1n43	4 2	7 34	1 20	14 3	0 40	20 6	0 27	19 19	0 32	20 47	0 4	19 6	0 21	14 25	0 10	16 31	6 1	14 24	14 49	6 18	0 3	4 59
T 16	10 2	5 37	4 34	8 25	1 12	14 29	0 38	20 16	0 28	19 19	0 32	20 47	0 4	19 6	0 21	14 24	0 10	16 31	6 1	14 28	14 50	6 20	0 5	4 59
F 17	10 23	9 18	4 54	9 16	1 4	14 53	0 36	20 26	0 28	19 18	0 32	20 47	0 4	19 5	0 21	14 24	0 10	16 31	6 1	14 32	14 51	6 22	0 6	4 59
S 18	10 44	12 38	5 2	10 7	0 56	15 18	0 34	20 35	0 29	19 17	0 32	20 46	0 4	19 5	0 21	14 24	0 10	16 31	6 1	14 36	14 52	6 24	0 7	4 59
S 19	11 5	15 28	4 56	10 58	0 47	15 42	0 31	20 45	0 29	19 16	0 32	20 46	0 4	19 4	0 21	14 23	0 10	16 31	6 1	14 40	14 53	6 26	0 9	4 59
M20	11 26	17 40	4 37	11 49	0 37	16 5	0 29	20 54	0 30	19 15	0 32	20 46	0 4	19 4	0 21	14 23	0 10	16 32	6 0	14 43	14 54	6 28	0 10	4 59
T 21	11 46	19 7	4 6	12 40	0 27	16 29	0 27	21 3	0 31	19 14	0 32	20 45	0 4	19 3	0 21	14 23	0 10	16 32	6 0	14 46	14 55	6 30	0 12	4 59
W22	12 7	19 41	3 23	13 31	0 17	16 52	0 24	21 12	0 31	19 13	0 32	20 45	0 3	19 3	0 21	14 22	0 10	16 32	6 0	14 47	14 56	6 32	0 13	4 59
T 23	12 27	19 18	2 29	14 21	0 6	17 14	0 22	21 20	0 32	19 12	0 32	20 45	0 3	19 2	0 21	14 22	0 10	16 32	6 0	14 48	14 57	6 34	0 14	5 0
F 24	12 47	17 54	1 26	15 10	0n 4	17 36	0 19	21 29	0 32	19 11	0 32	20 44	0 3	19 2	0 21	14 22	0 10	16 32	6 0	14 48	14 58	6 36	0 16	5 0
S 25	13 7	15 31	0 17	15 58	0 15	17 57	0 17	21 37	0 33	19 10	0 32	20 44	0 3	19 1	0 21	14 22	0 10	16 32	6 0	14 48	14 59	6 38	0 17	5 0
S 26	13 26	12 12	0n55	16 44	0 26	18 18	0 14	21 45	0 33	19 9	0 32	20 43	0 3	19 1	0 21	14 21	0 10	16 32	5 59	14 48	15 0	6 40	0 18	5 0
M27	13 46	8 5	2 6	17 30	0 38	18 39	0 12	21 53	0 34	19 8	0 32	20 43	0 3	19 0	0 21	14 21	0 10	16 32	5 59	14 49	15 1	6 42	0 20	5 0
T 28	14 5	3 22	3 11	18 14	0 49	18 59	0 9	22 0	0 34	19 7	0 32	20 42	0 3	19 0	0 21	14 21	0 10	16 33	5 59	14 50	15 2	6 44	0 21	5 0
W29	14 23	1s40	4 5	18 56	1 0	19 18	0 7	22 8	0 35	19 5	0 32	20 42	0 3	18 59	0 21	14 20	0 10	16 33	5 59	14 52	15 3	6 46	0 22	5 0
T 30	14n42	6s41	4n42	19n36	1n11	19n37	0s 4	22n15	0n36	19n 4	0n32	20n41	0s 3	18s59	0n21	14s20	0n10	16n33	5s59	14n55	15n 4	6n48	0n24	5n 1

Julian Day Number = 2872759.5, Delta T = 01h12m44s
Ecliptic obliquity = 23°17'18, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°53'24, Lahiri = 40°00'24

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ASTRODIENST EPHEMERIS for the year 3153
geocentric

MAY 3153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 36 18	10♉54'52	14♏27	25♉ 7	29♉40	9♊44	6♌29	26♋32	26°R44	20♒45	14♋38	19°R11	18♌50	0♉ 1	19♓19	F 1
S 2	14 40 14	11°53'43	29°41	26°57	0♊54	10°26	6°35	26°35	26♏41	20°45	14°39	19♌ 0	18°47	0° 8	19°22	S 2
S 3	14 44 11	12°52'32	14♐39	28°45	2° 8	11° 8	6°40	26°39	26°39	20°46	14°40	18°50	18°44	0°14	19°25	S 3
M 4	14 48 7	13°51'20	29°12	0♊29	3°22	11°51	6°46	26°43	26°36	20°47	14°41	18°43	18°41	0°21	19°28	M 4
T 5	14 52 4	14°50'05	13♑15	2° 9	4°35	12°33	6°52	26°47	26°34	20°47	14°42	18°37	18°37	0°28	19°30	T 5
W 6	14 56 1	15°48'49	26°48	3°45	5°49	13°15	6°59	26°51	26°31	20°48	14°42	18°35	18°34	0°34	19°33	W 6
T 7	14 59 57	16°47'32	9♒54	5°17	7° 3	13°58	7° 5	26°55	26°29	20°48	14°43	18°34	18°31	0°41	19°36	T 7
F 8	15 3 54	17°46'13	22°35	6°44	8°16	14°40	7°12	26°59	26°26	20°49	14°44	18°34	18°28	0°48	19°38	F 8
S 9	15 7 50	18°44'52	4♓56	8° 7	9°30	15°22	7°18	27° 4	26°24	20°49	14°45	18°33	18°25	0°55	19°41	S 9
S 10	15 11 47	19°43'29	17° 3	9°26	10°44	16° 4	7°25	27° 8	26°21	20°50	14°46	18°31	18°21	1° 1	19°43	S 10
M11	15 15 43	20°42'05	29° 1	10°39	11°57	16°46	7°32	27°13	26°19	20°50	14°47	18°27	18°18	1° 8	19°46	M11
T 12	15 19 40	21°40'40	10♈53	11°47	13°11	17°28	7°39	27°17	26°16	20°51	14°48	18°20	18°15	1°15	19°48	T 12
W13	15 23 36	22°39'12	22°43	12°50	14°24	18°10	7°46	27°22	26°14	20°51	14°49	18°10	18°12	1°21	19°51	W13
T 14	15 27 33	23°37'43	4♉33	13°48	15°37	18°52	7°54	27°27	26°11	20°51	14°49	17°57	18° 9	1°28	19°53	T 14
F 15	15 31 30	24°36'12	16°27	14°41	16°51	19°34	8° 1	27°31	26° 9	20°52	14°50	17°43	18° 6	1°35	19°55	F 15
S 16	15 35 26	25°34'40	28°25	15°28	18° 4	20°16	8° 9	27°36	26° 6	20°52	14°51	17°29	18° 2	1°42	19°57	S 16
S 17	15 39 23	26°33'05	10♊29	16°10	19°18	20°58	8°17	27°41	26° 4	20°52	14°52	17°16	17°59	1°48	20° 0	S 17
M18	15 43 19	27°31'29	22°39	16°47	20°31	21°39	8°25	27°46	26° 1	20°52	14°53	17° 4	17°56	1°55	20° 2	M18
T 19	15 47 16	28°29'51	4♋57	17°18	21°44	22°21	8°33	27°51	25°58	20°52	14°54	16°56	17°53	2° 2	20° 4	T 19
W20	15 51 12	29°28'12	17°25	17°44	22°57	23° 3	8°41	27°57	25°56	20°52	14°56	16°50	17°50	2° 9	20° 6	W20
T 21	15 55 9	0♊26'30	0♌ 5	18° 4	24°10	23°44	8°49	28° 2	25°53	20°53	14°57	16°47	17°47	2°15	20° 8	T 21
F 22	15 59 5	1°24'46	13° 0	18°19	25°24	24°26	8°57	28° 7	25°51	20°53	14°58	16°D46	17°43	2°22	20°10	F 22
S 23	16 3 2	2°23'00	26°13	18°28	26°37	25° 7	9° 6	28°13	25°48	20°R53	14°59	16°R46	17°40	2°29	20°11	S 23
S 24	16 6 59	3°21'12	9♍47	18°R32	27°50	25°49	9°15	28°18	25°46	20°53	15° 0	16°46	17°37	2°35	20°13	S 24
M25	16 10 55	4°19'23	23°45	18°31	29° 3	26°30	9°23	28°24	25°43	20°53	15° 1	16°44	17°34	2°42	20°15	M25
T 26	16 14 52	5°17'31	8♎ 5	18°24	0♋16	27°12	9°32	28°29	25°41	20°52	15° 2	16°41	17°31	2°49	20°17	T 26
W27	16 18 48	6°15'37	22°47	18°13	1°29	27°53	9°41	28°35	25°38	20°52	15° 3	16°35	17°27	2°56	20°18	W27
T 28	16 22 45	7°13'42	7♏45	17°58	2°42	28°35	9°50	28°41	25°36	20°52	15° 4	16°27	17°24	3° 2	20°20	T 28
F 29	16 26 41	8°11'45	22°52	17°38	3°54	29°16	9°59	28°47	25°33	20°52	15° 6	16°17	17°21	3° 9	20°21	F 29
S 30	16 30 38	9° 9'46	7♐56	17°15	5° 7	29°57	10° 9	28°53	25°31	20°52	15° 7	16° 7	17°18	3°16	20°23	S 30
S 31	16 34 34	10♊ 7'46	22♐49	16♊48	6♋20	0♋38	10♌18	28♋59	25♏28	20♒52	15♋ 8	15♌58	17♌15	3♉22	20♓24	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n 0	11s18	5n 0	20n14	1n21	19n56	0s 1	22n22	0n36	19n 3	0n32	20n40	0s 3	18s58	0n21	14s20	0n10	16n33	5s59	14n59	15n 5	6n50	0n25	5n 1
S 2	15 18	15 8	4 55	20 50	1 31	20 14	0n 1	22 29	0 37	19 1	0 32	20 40	0 2	18 58	0 21	14 20	0 10	16 33	5 58	15 2	15 6	6 52	0 26	5 1
S 3	15 36	17 55	4 31	21 24	1 41	20 31	0 4	22 35	0 37	19 0	0 32	20 39	0 2	18 57	0 21	14 20	0 10	16 33	5 58	15 5	15 7	6 54	0 27	5 1
M 4	15 54	19 28	3 49	21 55	1 50	20 48	0 6	22 41	0 38	18 58	0 32	20 39	0 2	18 56	0 21	14 19	0 10	16 33	5 58	15 7	15 8	6 56	0 29	5 1
T 5	16 11	19 44	2 55	22 24	1 59	21 4	0 9	22 47	0 38	18 57	0 32	20 38	0 2	18 56	0 21	14 19	0 10	16 33	5 58	15 9	15 9	6 58	0 30	5 1
W 6	16 28	18 49	1 52	22 51	2 7	21 20	0 12	22 53	0 39	18 55	0 32	20 37	0 2	18 55	0 21	14 19	0 10	16 33	5 58	15 10	15 10	7 0	0 31	5 2
T 7	16 45	16 55	0 46	23 15	2 14	21 35	0 14	22 59	0 39	18 54	0 32	20 37	0 2	18 55	0 20	14 19	0 10	16 33	5 58	15 10	15 11	7 2	0 32	5 2
F 8	17 1	14 14	0s21	23 37	2 21	21 50	0 17	23 4	0 40	18 52	0 32	20 36	0 2	18 54	0 20	14 19	0 10	16 33	5 57	15 10	15 12	7 4	0 34	5 2
S 9	17 17	10 58	1 25	23 56	2 26	22 3	0 20	23 9	0 40	18 50	0 32	20 35	0 2	18 54	0 20	14 19	0 10	16 33	5 57	15 10	15 13	7 7	0 35	5 2
S 10	17 33	7 18	2 24	24 13	2 31	22 17	0 22	23 14	0 41	18 49	0 32	20 34	0 2	18 53	0 20	14 18	0 10	16 34	5 57	15 11	15 14	7 9	0 36	5 2
M11	17 49	3 24	3 16	24 27	2 35	22 29	0 25	23 19	0 41	18 47	0 32	20 34	0 2	18 52	0 20	14 18	0 10	16 34	5 57	15 12	15 15	7 11	0 37	5 3
T 12	18 4	0n37	3 59	24 40	2 38	22 41	0 27	23 24	0 42	18 45	0 32	20 33	0 2	18 52	0 20	14 18	0 10	16 34	5 57	15 14	15 16	7 13	0 38	5 3
W13	18 19	4 35	4 31	24 50	2 39	22 53	0 30	23 28	0 42	18 43	0 32	20 32	0 1	18 51	0 20	14 18	0 10	16 34	5 57	15 17	15 17	7 15	0 39	5 3
T 14	18 34	8 22	4 52	24 58	2 40	23 4	0 33	23 32	0 43	18 41	0 32	20 31	0 1	18 51	0 20	14 18	0 10	16 34	5 56	15 21	15 18	7 17	0 40	5 3
F 15	18 48	11 52	5 0	25 4	2 40	23 14	0 35	23 36	0 43	18 39	0 32	20 30	0 1	18 50	0 20	14 18	0 10	16 34	5 56	15 25	15 19	7 19	0 41	5 3
S 16	19 2	14 54	4 54	25 8	2 38	23 23	0 38	23 39	0 43	18 38	0 32	20 29	0 1	18 50	0 20	14 18	0 10	16 34	5 56	15 30	15 20	7 21	0 42	5 4
S 17	19 16	17 20	4 36	25 10	2 36	23 32	0 40	23 43	0 44	18 36	0 32	20 29	0 1	18 49	0 20	14 18	0 10	16 34	5 56	15 34	15 21	7 23	0 43	5 4
M18	19 29	19 1	4 5	25 10	2 32	23 40	0 43	23 46	0 44	18 33	0 32	20 28	0 1	18 48	0 20	14 18	0 10	16 34	5 56	15 37	15 22	7 25	0 44	5 4
T 19	19 42	19 50	3 22	25 8	2 27	23 47	0 46	23 49	0 45	18 31	0 32	20 27	0 1	18 48	0 20	14 18	0 10	16 34	5 56	15 40	15 23	7 27	0 45	5 4
W20	19 55	19 42	2 29	25 4	2 21	23 54	0 48	23 52	0 45	18 29	0 32	20 26	0 1	18 47	0 20	14 18	0 10	16 34	5 56	15 42	15 24	7 29	0 46	5 4
T 21	20 7	18 35	1 27	24 59	2 14	24 0	0 51	23 54	0 46	18 27	0 32	20 25	0 1	18 47	0 20	14 18	0 10	16 34	5 55	15 43	15 24	7 31	0 47	5 5
F 22	20 19	16 29	0 20	24 52	2 5	24 5	0 53	23 56	0 46	18 25	0 32	20 24	0 1	18 46	0 20	14 18	0 10	16 34	5 55	15 43	15 25	7 33	0 48	5 5
S 23	20 30	13 29	0n50	24 43	1 56	24 10	0 55	23 58	0 47	18 23	0 32	20 23	0 0	18 45	0 20	14 18	0 10	16 34	5 55	15 43	15 26	7 35	0 49	5 5
S 24	20 42	9 41	1 59	24 32	1 45	24 14	0 58	24 0	0 47	18 20	0 32	20 22	0 0	18 45	0 20	14 18	0 10	16 34	5 55	15 43	15 27	7 37	0 50	5 5
M25	20 52	5 16	3 3	24 21	1 33	24 17	1 0	24 2	0 47	18 18	0 32	20 21	0 0	18 44	0 20	14 18	0 10	16 34	5 55	15 43	15 28	7 39	0 51	5 6
T 26	21 3	0 27	3 57	24 7	1 20	24 20	1 3	24 3	0 48	18 16	0 32	20 20	0 0	18 44	0 20	14 18	0 10	16 34	5 55	15 44	15 29	7 41	0 52	5 6
W27	21 13	4s31	4 37	23 52	1 6	24 22	1 5	24 4	0 48	18 13	0 32	20 19	0 0	18 43	0 20	14 18	0 10	16 34	5 55	15 46	15 30	7 43	0 53	5 6
T 28	21 23	9 17	4 59	23 36	0 51	24 23	1 7	24 5	0 49	18 11	0 32	20 18	0 0	18 43	0 20	14 18	0 10	16 34	5 54	15 48	15 31	7 45	0 54	5 6
F 29	21 32	13 31	5 0	23 19	0 36	24 23	1 9	24 6	0 49	18 9	0 32	20 17	0n 0	18 42	0 20	14 18	0 10	16 34	5 54	15 51	15 32	7 47	0 54	5 6
S 30	21 41	16 52	4 41	23 0	0 19	24 23	1 12	24 7	0 49	18 6	0 32	20 15	0 0	18 41	0 20	14 18	0 10	16 34	5 54	15 54	15 33	7 49	0 55	5 7
S 31	21n50	19s 3	4n 3	22n41	0n 3	24n22	1n14	24n 7	0n50	18n 4	0n32	20n14	0n 0	18s41	0n20	14s18	0n10	16n34	5s54	15n57	15n34	7n51	0n56	5n 7

Julian Day Number = 2872789.5, Delta T = 01h12m45s
Ecliptic obliquity = 23°17'17, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°53'28, Lahiri = 40°00'29

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ASTRODIENST EPHEMERIS for the year 3153
geocentric

JUNE 3153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 38 31	11♊ 5'44	7♑22	16°R18	7♋33	1♋19	10♌28	29♋ 5	25°R26	20°R51	15♋ 9	15°R51	17♌12	3♉29	20♓26	M 1
T 2	16 42 28	12° 3'41	21°29	15♊47	8°45	2° 0	10°37	29°11	25♏23	20♒51	15°10	15♌46	17° 8	3°36	20°27	T 2
W 3	16 46 24	13° 1'37	5♒ 7	15°13	9°58	2°42	10°47	29°17	25°21	20°51	15°12	15°44	17° 5	3°43	20°28	W 3
T 4	16 50 21	13°59'31	18°18	14°38	11°11	3°23	10°57	29°23	25°19	20°50	15°13	15°D44	17° 2	3°49	20°29	T 4
F 5	16 54 17	14°57'24	1♓ 4	14° 3	12°23	4° 4	11° 7	29°29	25°16	20°50	15°14	15°44	16°59	3°56	20°30	F 5
S 6	16 58 14	15°55'16	13°29	13°28	13°36	4°45	11°17	29°36	25°14	20°49	15°16	15°R45	16°56	4° 3	20°32	S 6
S 7	17 2 10	16°53'07	25°38	12°54	14°48	5°25	11°27	29°42	25°12	20°49	15°17	15°44	16°53	4° 9	20°33	S 7
M 8	17 6 7	17°50'57	7♈36	12°21	16° 1	6° 6	11°37	29°48	25° 9	20°49	15°18	15°42	16°49	4°16	20°34	M 8
T 9	17 10 4	18°48'45	19°28	11°50	17°13	6°47	11°47	29°55	25° 7	20°48	15°19	15°38	16°46	4°23	20°34	T 9
W10	17 14 0	19°46'33	1♉19	11°21	18°25	7°28	11°58	0♌ 1	25° 5	20°47	15°21	15°31	16°43	4°30	20°35	W10
T 11	17 17 57	20°44'19	13°12	10°55	19°38	8° 9	12° 8	0° 8	25° 3	20°47	15°22	15°23	16°40	4°36	20°36	T 11
F 12	17 21 53	21°42'05	25° 9	10°33	20°50	8°49	12°19	0°15	25° 0	20°46	15°23	15°13	16°37	4°43	20°37	F 12
S 13	17 25 50	22°39'49	7♊14	10°14	22° 2	9°30	12°29	0°21	24°58	20°46	15°25	15° 3	16°33	4°50	20°37	S 13
S 14	17 29 46	23°37'32	19°27	9°59	23°14	10°11	12°40	0°28	24°56	20°45	15°26	14°54	16°30	4°57	20°38	S 14
M15	17 33 43	24°35'14	1♋50	9°48	24°27	10°51	12°51	0°35	24°54	20°44	15°27	14°46	16°27	5° 3	20°39	M15
T 16	17 37 39	25°32'55	14°23	9°41	25°39	11°32	13° 2	0°42	24°52	20°44	15°29	14°40	16°24	5°10	20°39	T 16
W17	17 41 36	26°30'35	27° 7	9°D38	26°51	12°13	13°13	0°48	24°50	20°43	15°30	14°36	16°21	5°17	20°39	W17
T 18	17 45 33	27°28'13	10♌ 3	9°40	28° 3	12°53	13°24	0°55	24°48	20°42	15°32	14°D35	16°18	5°23	20°40	T 18
F 19	17 49 29	28°25'50	23°12	9°46	29°15	13°34	13°35	1° 2	24°46	20°41	15°33	14°35	16°14	5°30	20°40	F 19
S 20	17 53 26	29°23'25	6♍34	9°57	0♌26	14°14	13°46	1° 9	24°44	20°40	15°34	14°36	16°11	5°37	20°40	S 20
S 21	17 57 22	0♋21'00	20°13	10°13	1°38	14°54	13°58	1°16	24°42	20°39	15°36	14°37	16° 8	5°44	20°41	S 21
M22	18 1 19	1°18'33	4♎ 7	10°32	2°50	15°35	14° 9	1°23	24°40	20°39	15°37	14°R38	16° 5	5°50	20°41	M22
T 23	18 5 15	2°16'04	18°18	10°56	4° 2	16°15	14°20	1°30	24°38	20°38	15°38	14°37	16° 2	5°57	20°41	T 23
W24	18 9 12	3°13'35	2♏43	11°25	5°14	16°55	14°32	1°38	24°36	20°37	15°40	14°34	15°59	6° 4	20°R41	W24
T 25	18 13 8	4°11'04	17°20	11°57	6°25	17°36	14°43	1°45	24°35	20°36	15°41	14°29	15°55	6°10	20°41	T 25
F 26	18 17 5	5° 8'32	2♐ 2	12°34	7°37	18°16	14°55	1°52	24°33	20°35	15°43	14°24	15°52	6°17	20°41	F 26
S 27	18 21 2	6° 5'59	16°43	13°15	8°48	18°56	15° 7	1°59	24°31	20°34	15°44	14°18	15°49	6°24	20°40	S 27
S 28	18 24 58	7° 3'25	1♑16	14° 0	10° 0	19°36	15°18	2° 7	24°29	20°33	15°46	14°13	15°46	6°31	20°40	S 28
M29	18 28 55	8° 0'51	15°34	14°48	11°11	20°16	15°30	2°14	24°28	20°32	15°47	14° 9	15°43	6°37	20°40	M29
T 30	18 32 51	8♋58'15	29♑32	15♊41	12♌22	20♋56	15♌42	2♌21	24♏26	20♒31	15♋48	14♌ 6	15♌39	6♉44	20♓40	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	21n58	19s56	3n 9	22n21	0s15	24n20	1n16	24n 7	0n50	18n 1	0n32	20n13	0n 0	18s40	0n20	14s18	0n10	16n34	5s54	15n59	15n35	7n53	0n57	5n 7	M 1
T 2	22 6	19 31	2 5	22 0	0 33	24 18	1 18	24 7	0 51	17 58	0 32	20 12	0 0	18 40	0 20	14 18	0 10	16 34	5 54	16 0	15 36	7 55	0 57	5 7	T 2
W 3	22 13	17 57	0 56	21 38	0 50	24 15	1 20	24 7	0 51	17 56	0 32	20 11	0 0	18 39	0 20	14 18	0 10	16 34	5 54	16 1	15 37	7 57	0 58	5 8	W 3
T 4	22 20	15 28	0s14	21 17	1 8	24 11	1 22	24 6	0 51	17 53	0 32	20 10	0 1	18 39	0 20	14 18	0 10	16 34	5 54	16 1	15 38	7 59	0 59	5 8	T 4
F 5	22 27	12 18	1 21	20 56	1 26	24 7	1 24	24 5	0 52	17 50	0 32	20 8	0 1	18 38	0 20	14 18	0 10	16 34	5 53	16 1	15 39	8 1	0 59	5 8	F 5
S 6	22 33	8 39	2 23	20 34	1 43	24 1	1 26	24 4	0 52	17 48	0 32	20 7	0 1	18 38	0 20	14 19	0 10	16 34	5 53	16 1	15 40	8 3	1 0	5 8	S 6
S 7	22 39	4 44	3 16	20 14	1 59	23 56	1 28	24 3	0 52	17 45	0 32	20 6	0 1	18 37	0 20	14 19	0 10	16 34	5 53	16 1	15 41	8 6	1 1	5 9	S 7
M 8	22 44	0 42	4 1	19 54	2 15	23 49	1 30	24 2	0 53	17 42	0 32	20 5	0 1	18 36	0 20	14 19	0 10	16 34	5 53	16 2	15 42	8 8	1 1	5 9	M 8
T 9	22 49	3n20	4 34	19 35	2 30	23 42	1 31	24 0	0 53	17 39	0 32	20 3	0 1	18 36	0 20	14 19	0 10	16 34	5 53	16 3	15 43	8 10	1 2	5 9	T 9
W10	22 54	7 13	4 56	19 17	2 45	23 34	1 33	23 58	0 53	17 36	0 32	20 2	0 1	18 35	0 20	14 19	0 10	16 34	5 53	16 5	15 44	8 12	1 2	5 9	W10
T 11	22 58	10 51	5 5	19 0	2 58	23 25	1 35	23 56	0 54	17 34	0 32	20 1	0 1	18 35	0 20	14 19	0 10	16 34	5 53	16 7	15 45	8 14	1 3	5 10	T 11
F 12	23 2	14 4	5 1	18 45	3 10	23 16	1 36	23 54	0 54	17 31	0 32	20 0	0 1	18 34	0 20	14 20	0 10	16 34	5 53	16 10	15 46	8 16	1 3	5 10	F 12
S 13	23 5	16 44	4 43	18 32	3 21	23 6	1 38	23 51	0 54	17 28	0 32	19 58	0 1	18 34	0 20	14 20	0 10	16 34	5 53	16 13	15 46	8 18	1 4	5 10	S 13
S 14	23 8	18 41	4 12	18 20	3 31	22 56	1 39	23 49	0 55	17 25	0 32	19 57	0 1	18 33	0 20	14 20	0 10	16 34	5 53	16 16	15 47	8 20	1 4	5 10	S 14
M15	23 11	19 48	3 29	18 9	3 40	22 45	1 40	23 46	0 55	17 22	0 32	19 55	0 2	18 33	0 20	14 20	0 10	16 34	5 52	16 18	15 48	8 22	1 5	5 11	M15
T 16	23 13	19 57	2 35	18 1	3 47	22 33	1 42	23 43	0 55	17 19	0 32	19 54	0 2	18 32	0 20	14 21	0 10	16 34	5 52	16 20	15 49	8 24	1 5	5 11	T 16
W17	23 15	19 5	1 33	17 55	3 53	22 20	1 43	23 39	0 56	17 16	0 32	19 53	0 2	18 32	0 20	14 21	0 10	16 34	5 52	16 21	15 50	8 26	1 6	5 11	W17
T 18	23 16	17 13	0 24	17 50	3 58	22 7	1 44	23 36	0 56	17 12	0 32	19 51	0 2	18 31	0 20	14 21	0 10	16 34	5 52	16 21	15 51	8 28	1 6	5 11	T 18
F 19	23 17	14 26	0n46	17 47	4 2	21 54	1 45	23 32	0 56	17 9	0 32	19 50	0 2	18 31	0 20	14 21	0 10	16 34	5 52	16 21	15 52	8 30	1 6	5 12	F 19
S 20	23 17	10 50	1 56	17 46	4 5	21 40	1 46	23 28	0 57	17 6	0 32	19 48	0 2	18 31	0 20	14 22	0 10	16 33	5 52	16 21	15 53	8 32	1 7	5 12	S 20
S 21	23 17	6 37	3 1	17 46	4 7	21 25	1 47	23 24	0 57	17 3	0 32	19 47	0 2	18 30	0 20	14 22	0 10	16 33	5 52	16 21	15 54	8 34	1 7	5 12	S 21
M22	23 17	1 59	3 56	17 49	4 7	21 9	1 48	23 20	0 57	17 0	0 32	19 46	0 2	18 30	0 20	14 22	0 10	16 33	5 52	16 21	15 55	8 36	1 7	5 12	M22
T 23	23 16	2s50	4 38	17 52	4 7	20 53	1 49	23 15	0 57	16 56	0 32	19 44	0 2	18 29	0 20	14 22	0 10	16 33	5 52	16 21	15 56	8 38	1 8	5 13	T 23
W24	23 15	7 35	5 3	17 57	4 5	20 37	1 50	23 11	0 58	16 53	0 32	19 43	0 2	18 29	0 20	14 23	0 10	16 33	5 52	16 22	15 57	8 40	1 8	5 13	W24
T 25	23 13	11 57	5 9	18 4	4 3	20 20	1 50	23 6	0 58	16 50	0 32	19 41	0 2	18 28	0 20	14 23	0 10	16 33	5 52	16 23	15 58	8 42	1 8	5 13	T 25
F 26	23 11	15 37	4 55	18 12	4 0	20 2	1 51	23 1	0 58	16 46	0 32	19 40	0 2	18 28	0 20	14 23	0 10	16 33	5 51	16 25	15 59	8 44	1 8	5 13	F 26
S 27	23 9	18 17	4 22	18 21	3 56	19 44	1 51	22 56	0 59	16 43	0 32	19 38	0 3	18 28	0 20	14 24	0 9	16 33	5 51	16 26	16 0	8 46	1 8	5 14	S 27
S 28	23 6	19 45	3 32	18 31	3 51	19 26	1 52	22 50	0 59	16 40	0 32	19 36	0 3	18 27	0 20	14 24	0 9	16 33	5 51	16 28	16 1	8 48	1 8	5 14	S 28
M29	23 3	19 55	2 29	18 42	3 45	19 7	1 52	22 45	0 59	16 36	0 32	19 35	0 3	18 27	0 20	14 24	0 9	16 33	5 51	16 29	16 2	8 50	1 9	5 14	M29
T 30	22n59	18s50	1n19	18n54	3s39	18n47	1n52	22n39	0n59	16n33	0n32	19n33	0n 3	18s27	0n20	14s25	0n 9	16n33	5s51	16n30	16n 2	8n52	1n 9	5n14	T 30

Julian Day Number = 2872820.5, Delta T = 01h12m46s
Ecliptic obliquity = 23°17'17, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°53'32, Lahiri = 40°00'33

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ASTRODIENST EPHEMERIS for the year 3153
geocentric

JULY 3153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 36 48	9♋55'39	13♒ 6	16♊37	13♌34	21♋36	15♌54	2♌29	24°R25	20°R29	15♋50	14°D 6	15♌36	6♉51	20°R39	W 1
T 2	18 40 44	10°53'02	26°17	17°37	14°45	22°16	16° 6	2°36	24♏23	20♒28	15°51	14♌ 6	15°33	6°58	20♓39	T 2
F 3	18 44 41	11°50'25	9♓ 5	18°40	15°56	22°56	16°18	2°43	24°22	20°27	15°53	14° 7	15°30	7° 4	20°38	F 3
S 4	18 48 37	12°47'47	21°33	19°47	17° 7	23°36	16°30	2°51	24°20	20°26	15°54	14° 9	15°27	7°11	20°38	S 4
S 5	18 52 34	13°45'09	3♈45	20°58	18°18	24°16	16°42	2°58	24°19	20°25	15°56	14°10	15°24	7°18	20°37	S 5
M 6	18 56 31	14°42'31	15°46	22°11	19°29	24°56	16°54	3° 6	24°18	20°23	15°57	14°R11	15°20	7°24	20°36	M 6
T 7	19 0 27	15°39'52	27°40	23°28	20°40	25°36	17° 7	3°13	24°16	20°22	15°58	14°10	15°17	7°31	20°36	T 7
W 8	19 4 24	16°37'13	9♉33	24°49	21°50	26°16	17°19	3°21	24°15	20°21	16° 0	14° 8	15°14	7°38	20°35	W 8
T 9	19 8 20	17°34'33	21°28	26°13	23° 1	26°55	17°31	3°28	24°14	20°20	16° 1	14° 5	15°11	7°45	20°34	T 9
F 10	19 12 17	18°31'54	3♊29	27°40	24°12	27°35	17°44	3°36	24°13	20°18	16° 3	14° 1	15° 8	7°51	20°33	F 10
S 11	19 16 13	19°29'14	15°40	29°10	25°23	28°15	17°56	3°44	24°12	20°17	16° 4	13°57	15° 5	7°58	20°32	S 11
S 12	19 20 10	20°26'34	28° 3	0♋43	26°33	28°55	18° 9	3°51	24°11	20°16	16° 6	13°54	15° 1	8° 5	20°31	S 12
M13	19 24 6	21°23'53	10♋39	2°20	27°44	29°34	18°21	3°59	24°10	20°14	16° 7	13°50	14°58	8°11	20°30	M13
T 14	19 28 3	22°21'13	23°29	4° 0	28°54	0♌14	18°34	4° 7	24° 9	20°13	16° 9	13°48	14°55	8°18	20°29	T 14
W15	19 32 0	23°18'32	6♌34	5°43	0♍ 4	0°53	18°46	4°14	24° 8	20°12	16°10	13°47	14°52	8°25	20°28	W15
T 16	19 35 56	24°15'50	19°52	7°28	1°14	1°33	18°59	4°22	24° 7	20°10	16°11	13°D47	14°49	8°32	20°26	T 16
F 17	19 39 53	25°13'08	3♍23	9°17	2°25	2°13	19°12	4°30	24° 6	20° 9	16°13	13°48	14°45	8°38	20°25	F 17
S 18	19 43 49	26°10'26	17° 5	11° 9	3°35	2°52	19°24	4°37	24° 5	20° 7	16°14	13°49	14°42	8°45	20°24	S 18
S 19	19 47 46	27° 7'43	0♎59	13° 3	4°45	3°32	19°37	4°45	24° 4	20° 6	16°16	13°50	14°39	8°52	20°22	S 19
M20	19 51 42	28° 5'00	15° 1	15° 0	5°55	4°11	19°50	4°53	24° 4	20° 4	16°17	13°51	14°36	8°59	20°21	M20
T 21	19 55 39	29° 2'16	29°12	16°59	7° 5	4°50	20° 3	5° 1	24° 3	20° 3	16°19	13°R52	14°33	9° 5	20°19	T 21
W22	19 59 35	29°59'32	13♏27	19° 1	8°14	5°30	20°15	5° 8	24° 3	20° 1	16°20	13°51	14°30	9°12	20°18	W22
T 23	20 3 32	0♌56'47	27°46	21° 4	9°24	6° 9	20°28	5°16	24° 2	20° 0	16°21	13°50	14°26	9°19	20°16	T 23
F 24	20 7 29	1°54'03	12♐ 4	23° 9	10°33	6°49	20°41	5°24	24° 2	19°58	16°23	13°49	14°23	9°25	20°15	F 24
S 25	20 11 25	2°51'17	26°18	25°16	11°43	7°28	20°54	5°32	24° 1	19°57	16°24	13°48	14°20	9°32	20°13	S 25
S 26	20 15 22	3°48'32	10♑23	27°24	12°52	8° 7	21° 7	5°39	24° 1	19°55	16°26	13°46	14°17	9°39	20°11	S 26
M27	20 19 18	4°45'47	24°17	29°33	14° 2	8°46	21°20	5°47	24° 1	19°54	16°27	13°46	14°14	9°46	20° 9	M27
T 28	20 23 15	5°43'02	7♒55	1♌42	15°11	9°26	21°33	5°55	24° 0	19°52	16°28	13°D45	14°10	9°52	20° 8	T 28
W29	20 27 11	6°40'16	21°15	3°52	16°20	10° 5	21°46	6° 3	24° 0	19°51	16°30	13°45	14° 7	9°59	20° 6	W29
T 30	20 31 8	7°37'31	4♓16	6° 2	17°29	10°44	21°59	6°10	24° 0	19°49	16°31	13°46	14° 4	10° 6	20° 4	T 30
F 31	20 35 5	8♌34'46	17♓ 0	8♌11	18♍38	11♌23	22♌12	6♌18	24♏ 0	19♒47	16♋32	13♌46	14♌ 1	10♉12	20♓ 2	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	22n55	16s41	0n 5	19n 6	3s32	18n27	1n53	22n33	1n 0	16n29	0n32	19n32	0n 3	18s26	0n20	14s25	0n 9	16n33	5s51	16n30	16n 3	8n54	1n 9	5n15	
T 2	22 51	13 43	1s 6	19 19	3 24	18 6	1 53	22 27	1 0	16 26	0 32	19 30	0 3	18 26	0 20	14 25	0 9	16 32	5 51	16 30	16 4	8 56	1 9	5 15	
F 3	22 46	10 10	2 12	19 33	3 16	17 45	1 53	22 20	1 0	16 22	0 32	19 29	0 3	18 26	0 20	14 26	0 9	16 32	5 51	16 29	16 5	8 58	1 9	5 15	
S 4	22 41	6 15	3 10	19 47	3 8	17 24	1 53	22 14	1 0	16 19	0 33	19 27	0 3	18 25	0 20	14 26	0 9	16 32	5 51	16 29	16 6	9 0	1 9	5 15	
S 5	22 35	2 11	3 59	20 1	2 58	17 2	1 52	22 7	1 1	16 15	0 33	19 25	0 3	18 25	0 20	14 27	0 9	16 32	5 51	16 28	16 7	9 2	1 9	5 15	
M 6	22 29	1n55	4 36	20 15	2 49	16 40	1 52	22 0	1 1	16 11	0 33	19 24	0 3	18 25	0 20	14 27	0 9	16 32	5 51	16 28	16 8	9 4	1 9	5 16	
T 7	22 23	5 54	5 0	20 29	2 39	16 17	1 52	21 53	1 1	16 8	0 33	19 22	0 3	18 24	0 20	14 27	0 9	16 32	5 51	16 28	16 9	9 6	1 9	5 16	
W 8	22 16	9 38	5 12	20 43	2 28	15 54	1 51	21 46	1 1	16 4	0 33	19 20	0 3	18 24	0 19	14 28	0 9	16 32	5 51	16 29	16 10	9 8	1 9	5 16	
T 9	22 8	13 1	5 11	20 57	2 17	15 30	1 51	21 39	1 2	16 0	0 33	19 19	0 4	18 24	0 19	14 28	0 9	16 32	5 51	16 30	16 11	9 10	1 8	5 16	
F 10	22 1	15 53	4 55	21 10	2 6	15 6	1 50	21 31	1 2	15 57	0 33	19 17	0 4	18 23	0 19	14 29	0 9	16 32	5 51	16 31	16 12	9 12	1 8	5 17	
S 11	21 53	18 6	4 27	21 23	1 54	14 42	1 49	21 24	1 2	15 53	0 33	19 15	0 4	18 23	0 19	14 29	0 9	16 31	5 51	16 32	16 13	9 14	1 8	5 17	
S 12	21 45	19 31	3 45	21 35	1 43	14 17	1 49	21 16	1 2	15 49	0 33	19 14	0 4	18 23	0 19	14 29	0 9	16 31	5 51	16 33	16 14	9 16	1 8	5 17	
M13	21 36	20 0	2 52	21 45	1 31	13 52	1 48	21 8	1 2	15 45	0 33	19 12	0 4	18 23	0 19	14 30	0 9	16 31	5 51	16 34	16 15	9 18	1 8	5 17	
T 14	21 27	19 28	1 49	21 55	1 19	13 27	1 47	21 0	1 3	15 41	0 33	19 10	0 4	18 23	0 19	14 30	0 9	16 31	5 51	16 35	16 15	9 20	1 7	5 17	
W15	21 17	17 52	0 40	22 4	1 7	13 2	1 46	20 51	1 3	15 38	0 33	19 9	0 4	18 22	0 19	14 31	0 9	16 31	5 50	16 35	16 16	9 22	1 7	5 18	
T 16	21 8	15 18	0n33	22 10	0 54	12 36	1 45	20 43	1 3	15 34	0 33	19 7	0 4	18 22	0 19	14 31	0 9	16 31	5 50	16 35	16 17	9 24	1 7	5 18	
F 17	20 57	11 51	1 46	22 16	0 42	12 9	1 43	20 34	1 3	15 30	0 33	19 5	0 4	18 22	0 19	14 32	0 9	16 31	5 50	16 35	16 18	9 26	1 7	5 18	
S 18	20 47	7 44	2 54	22 19	0 30	11 43	1 42	20 25	1 3	15 26	0 33	19 3	0 4	18 22	0 19	14 32	0 9	16 31	5 50	16 34	16 19	9 28	1 6	5 18	
S 19	20 36	3 10	3 52	22 21	0 18	11 16	1 40	20 16	1 4	15 22	0 33	19 2	0 4	18 22	0 19	14 33	0 9	16 30	5 50	16 34	16 20	9 30	1 6	5 19	
M20	20 25	1s37	4 37	22 21	0 6	10 49	1 39	20 7	1 4	15 18	0 33	19 0	0 4	18 22	0 19	14 33	0 9	16 30	5 50	16 34	16 21	9 32	1 5	5 19	
T 21	20 13	6 21	5 6	22 18	0n 5	10 22	1 37	19 58	1 4	15 14	0 33	18 58	0 5	18 21	0 19	14 34	0 9	16 30	5 50	16 34	16 22	9 34	1 5	5 19	
W22	20 1	10 45	5 16	22 13	0 16	9 54	1 36	19 49	1 4	15 10	0 33	18 56	0 5	18 21	0 19	14 34	0 9	16 30	5 50	16 34	16 23	9 36	1 5	5 19	
T 23	19 49	14 33	5 7	22 5	0 27	9 27	1 34	19 39	1 4	15 6	0 33	18 55	0 5	18 21	0 19	14 35	0 9	16 30	5 50	16 34	16 24	9 38	1 4	5 19	
F 24	19 37	17 30	4 38	21 55	0 37	8 59	1 32	19 30	1 5	15 2	0 33	18 53	0 5	18 21	0 19	14 35	0 9	16 30	5 50	16 35	16 25	9 40	1 4	5 19	
S 25	19 24	19 21	3 53	21 43	0 47	8 31	1 30	19 20	1 5	14 58	0 33	18 51	0 5	18 21	0 19	14 35	0 9	16 30	5 50	16 35	16 26	9 42	1 3	5 20	
S 26	19 11	19 59	2 54	21 27	0 56	8 2	1 28	19 10	1 5	14 54	0 33	18 49	0 5	18 21	0 19	14 36	0 9	16 29	5 50	16 35	16 27	9 44	1 3	5 20	
M27	18 57	19 23	1 46	21 10	1 4	7 34	1 25	19 0	1 5	14 50	0 33	18 47	0 5	18 21	0 19	14 36	0 9	16 29	5 50	16 35	16 27	9 46	1 2	5 20	
T 28	18 43	17 39	0 32	20 49	1 12	7 5	1 23	18 50	1 5	14 46	0 34	18 45	0 5	18 21	0 19	14 37	0 9	16 29	5 50	16 36	16 28	9 48	1 2	5 20	
W29	18 29	14 59	0s41	20 26	1 19	6 36	1 21	18 39	1 5	14 41	0 34	18 44	0 5	18 21	0 19	14 37	0 9	16 29	5 50	16 36	16 29	9 50	1 1	5 20	
T 30	18 15	11 37	1 51	20 1	1 25	6 7	1 18	18 29	1 5	14 37	0 34	18 42	0 5	18 21	0 19	14 38	0 9	16 29	5 50	16 35	16 30	9 52	1 0	5 20	
F 31	18n 0	7s47	2s54	19n34	1n30	5n38	1n16	18n18	1n 6	14n33	0n34	18n40	0n 5	18s21	0n19	14s38	0n 9	16n29	5s50	16n35	16n31	9n54	1n 0	5n21	

Julian Day Number = 2872850.5, Delta T = 01h12m46s
Ecliptic obliquity = 23°17'17, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°53'37, Lahiri = 40°00'37

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ASTRODIENST EPHEMERIS for the year 3153
geocentric

AUGUST 3153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 39 1	9♌32'02	29♓27	10♌20	19♍46	12♌ 2	22♌26	6♌26	24°R 0	19°R46	16♋34	13♌47	13♌58	10♉19	20°R 0	S 1
S 2	20 42 58	10°29'18	11♈39	12°29	20°55	12°41	22°39	6°34	24°D 0	19♒44	16°35	13°47	13°55	10°26	19♓58	S 2
M 3	20 46 54	11°26'34	23°41	14°36	22° 3	13°20	22°52	6°42	24♏ 0	19°43	16°36	13°47	13°51	10°33	19°56	M 3
T 4	20 50 51	12°23'51	5♉37	16°42	23°12	13°59	23° 5	6°49	24° 0	19°41	16°38	13°47	13°48	10°39	19°53	T 4
W 5	20 54 47	13°21'09	17°30	18°47	24°20	14°38	23°18	6°57	24° 0	19°39	16°39	13°47	13°45	10°46	19°51	W 5
T 6	20 58 44	14°18'27	29°26	20°51	25°28	15°17	23°31	7° 5	24° 0	19°38	16°40	13°47	13°42	10°53	19°49	T 6
F 7	21 2 40	15°15'46	11♊29	22°53	26°36	15°56	23°45	7°12	24° 1	19°36	16°42	13°47	13°39	11° 0	19°47	F 7
S 8	21 6 37	16°13'05	23°43	24°54	27°44	16°35	23°58	7°20	24° 1	19°35	16°43	13°48	13°36	11° 6	19°45	S 8
S 9	21 10 33	17°10'25	6♋12	26°53	28°52	17°14	24°11	7°28	24° 1	19°33	16°44	13°48	13°32	11°13	19°42	S 9
M10	21 14 30	18° 7'46	18°58	28°50	29°59	17°53	24°24	7°36	24° 2	19°31	16°46	13°48	13°29	11°20	19°40	M10
T 11	21 18 27	19° 5'08	2♌ 3	0♍46	1♎ 8	18°32	24°37	7°43	24° 2	19°30	16°47	13°49	13°26	11°26	19°37	T 11
W12	21 22 23	20° 2'30	15°27	2°40	2°15	19°11	24°51	7°51	24° 3	19°28	16°48	13°R49	13°23	11°33	19°35	W12
T 13	21 26 20	20°59'52	29° 9	4°32	3°22	19°50	25° 4	7°59	24° 3	19°26	16°49	13°49	13°20	11°40	19°32	T 13
F 14	21 30 16	21°57'15	13♍ 6	6°23	4°29	20°29	25°17	8° 6	24° 4	19°25	16°50	13°48	13°16	11°47	19°30	F 14
S 15	21 34 13	22°54'39	27°16	8°12	5°37	21° 8	25°31	8°14	24° 5	19°23	16°52	13°47	13°13	11°53	19°27	S 15
S 16	21 38 9	23°52'03	11♎33	9°59	6°43	21°46	25°44	8°21	24° 5	19°22	16°53	13°46	13°10	12° 0	19°25	S 16
M17	21 42 6	24°49'27	25°55	11°44	7°50	22°25	25°57	8°29	24° 6	19°20	16°54	13°45	13° 7	12° 7	19°22	M17
T 18	21 46 2	25°46'52	10♏15	13°28	8°57	23° 4	26°10	8°37	24° 7	19°18	16°55	13°44	13° 4	12°13	19°20	T 18
W19	21 49 59	26°44'18	24°31	15°10	10° 3	23°43	26°24	8°44	24° 8	19°17	16°56	13°D44	13° 1	12°20	19°17	W19
T 20	21 53 56	27°41'44	8♐41	16°50	11° 9	24°21	26°37	8°52	24° 9	19°15	16°58	13°44	12°57	12°27	19°14	T 20
F 21	21 57 52	28°39'10	22°42	18°29	12°16	25° 0	26°50	8°59	24°10	19°14	16°59	13°44	12°54	12°34	19°12	F 21
S 22	22 1 49	29°36'37	6♑32	20° 5	13°22	25°39	27° 3	9° 7	24°11	19°12	17° 0	13°46	12°51	12°40	19° 9	S 22
S 23	22 5 45	0♍34'05	20°11	21°41	14°27	26°17	27°17	9°14	24°12	19°10	17° 1	13°47	12°48	12°47	19° 6	S 23
M24	22 9 42	1°31'33	3♒38	23°14	15°33	26°56	27°30	9°21	24°13	19° 9	17° 2	13°48	12°45	12°54	19° 3	M24
T 25	22 13 38	2°29'02	16°51	24°46	16°38	27°34	27°43	9°29	24°14	19° 7	17° 3	13°R48	12°42	13° 1	19° 1	T 25
W26	22 17 35	3°26'32	29°51	26°16	17°43	28°13	27°56	9°36	24°15	19° 6	17° 4	13°47	12°38	13° 7	18°58	W26
T 27	22 21 31	4°24'03	12♓38	27°45	18°48	28°52	28°10	9°44	24°17	19° 4	17° 5	13°45	12°35	13°14	18°55	T 27
F 28	22 25 28	5°21'35	25°11	29°12	19°53	29°30	28°23	9°51	24°18	19° 2	17° 6	13°43	12°32	13°21	18°52	F 28
S 29	22 29 25	6°19'07	7♈31	0♎37	20°58	0♍ 9	28°36	9°58	24°19	19° 1	17° 7	13°39	12°29	13°27	18°49	S 29
S 30	22 33 21	7°16'41	19°41	2° 0	22° 2	0°47	28°49	10° 5	24°21	18°59	17° 8	13°36	12°26	13°34	18°46	S 30
M31	22 37 18	8♍14'17	1♉41	3♎22	23♎ 7	1♍26	29♌ 2	10♌13	24♏22	18♒58	17♋ 9	13♌32	12♌22	13♉41	18♓43	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n45	3s42	3s47	19n 4	1n35	5n 9	1n13	18n 8	1n 6	14n29	0n34	18n38	0n 6	18s21	0n19	14s39	0n 9	16n28	5s50	16n35	16n32	9n56	0n59	5n21
S 2	17 30	0n27	4 29	18 32	1 39	4 39	1 10	17 57	1 6	14 25	0 34	18 36	0 6	18 21	0 19	14 39	0 9	16 28	5 50	16 35	16 33	9 58	0 58	5 21
M 3	17 14	4 31	4 58	17 59	1 42	4 10	1 7	17 46	1 6	14 21	0 34	18 34	0 6	18 21	0 19	14 40	0 9	16 28	5 50	16 35	16 34	10 0	0 58	5 21
T 4	16 59	8 22	5 14	17 23	1 44	3 40	1 4	17 35	1 6	14 16	0 34	18 33	0 6	18 21	0 19	14 41	0 9	16 28	5 50	16 35	16 35	10 2	0 57	5 21
W 5	16 42	11 53	5 16	16 47	1 46	3 10	1 1	17 24	1 6	14 12	0 34	18 31	0 6	18 21	0 19	14 41	0 9	16 28	5 50	16 35	16 36	10 4	0 56	5 21
T 6	16 26	14 56	5 5	16 8	1 47	2 41	0 58	17 12	1 6	14 8	0 34	18 29	0 6	18 21	0 19	14 42	0 9	16 28	5 50	16 35	16 37	10 6	0 56	5 21
F 7	16 9	17 23	4 41	15 29	1 47	2 11	0 55	17 1	1 7	14 4	0 34	18 27	0 6	18 21	0 19	14 42	0 9	16 27	5 50	16 35	16 37	10 8	0 55	5 22
S 8	15 53	19 5	4 3	14 49	1 46	1 41	0 52	16 50	1 7	13 59	0 34	18 25	0 6	18 21	0 19	14 43	0 9	16 27	5 50	16 35	16 38	10 10	0 54	5 22
S 9	15 35	19 55	3 14	14 7	1 45	1 11	0 48	16 38	1 7	13 55	0 34	18 23	0 6	18 21	0 19	14 43	0 9	16 27	5 50	16 35	16 39	10 12	0 53	5 22
M10	15 18	19 45	2 13	13 25	1 43	0 41	0 45	16 26	1 7	13 51	0 34	18 21	0 6	18 22	0 19	14 44	0 9	16 27	5 50	16 35	16 40	10 14	0 52	5 22
T 11	15 0	18 32	1 5	12 42	1 41	0 11	0 41	16 14	1 7	13 46	0 34	18 20	0 6	18 22	0 19	14 44	0 9	16 27	5 50	16 35	16 41	10 16	0 52	5 22
W12	14 43	16 15	0n 9	11 59	1 38	0s19	0 37	16 2	1 7	13 42	0 34	18 18	0 6	18 22	0 19	14 45	0 9	16 27	5 50	16 35	16 42	10 18	0 51	5 22
T 13	14 24	13 1	1 24	11 15	1 34	0 49	0 34	15 50	1 7	13 38	0 34	18 16	0 7	18 22	0 19	14 45	0 9	16 26	5 50	16 35	16 43	10 20	0 50	5 22
F 14	14 6	8 59	2 35	10 31	1 30	1 19	0 30	15 38	1 7	13 33	0 35	18 14	0 7	18 22	0 19	14 46	0 9	16 26	5 50	16 35	16 44	10 22	0 49	5 22
S 15	13 48	4 25	3 38	9 46	1 25	1 49	0 26	15 26	1 8	13 29	0 35	18 12	0 7	18 22	0 19	14 46	0 9	16 26	5 50	16 35	16 45	10 24	0 48	5 22
S 16	13 29	0s26	4 28	9 1	1 20	2 19	0 22	15 14	1 8	13 24	0 35	18 10	0 7	18 23	0 18	14 47	0 9	16 26	5 50	16 35	16 46	10 26	0 47	5 22
M17	13 10	5 16	5 1	8 16	1 15	2 49	0 18	15 1	1 8	13 20	0 35	18 8	0 7	18 23	0 18	14 47	0 9	16 26	5 50	16 36	16 46	10 28	0 46	5 23
T 18	12 51	9 48	5 16	7 31	1 9	3 19	0 14	14 49	1 8	13 16	0 35	18 6	0 7	18 23	0 18	14 48	0 9	16 26	5 51	16 36	16 47	10 30	0 45	5 23
W19	12 31	13 45	5 11	6 47	1 3	3 49	0 9	14 36	1 8	13 11	0 35	18 5	0 7	18 23	0 18	14 48	0 9	16 25	5 51	16 36	16 48	10 32	0 44	5 23
T 20	12 12	16 53	4 47	6 2	0 56	4 19	0 5	14 23	1 8	13 7	0 35	18 3	0 7	18 24	0 18	14 49	0 9	16 25	5 51	16 36	16 49	10 34	0 43	5 23
F 21	11 52	19 0	4 6	5 17	0 49	4 48	0 1	14 11	1 8	13 2	0 35	18 1	0 7	18 24	0 18	14 49	0 9	16 25	5 51	16 36	16 50	10 36	0 42	5 23
S 22	11 32	19 56	3 11	4 32	0 42	5 18	0s 4	13 58	1 8	12 58	0 35	17 59	0 7	18 24	0 18	14 50	0 9	16 25	5 51	16 35	16 51	10 38	0 41	5 23
S 23	11 12	19 42	2 7	3 48	0 34	5 48	0 8	13 45	1 8	12 54	0 35	17 57	0 7	18 24	0 18	14 50	0 9	16 25	5 51	16 35	16 52	10 40	0 40	5 23
M24	10 52	18 19	0 56	3 4	0 26	6 17	0 13	13 32	1 8	12 49	0 35	17 55	0 8	18 25	0 18	14 51	0 9	16 25	5 51	16 35	16 53	10 42	0 39	5 23
T 25	10 31	15 57	0s17	2 20	0 18	6 46	0 18	13 19	1 8	12 45	0 35	17 53	0 8	18 25	0 18	14 51	0 9	16 24	5 51	16 35	16 54	10 44	0 38	5 23
W26	10 11	12 49	1 27	1 37	0 10	7 16	0 23	13 5	1 8	12 40	0 35	17 52	0 8	18 25	0 18	14 52	0 9	16 24	5 51	16 35	16 54	10 46	0 37	5 23
T 27	9 50	9 7	2 32	0 54	0 1	7 45	0 27	12 52	1 9	12 36	0 36	17 50	0 8	18 26	0 18	14 52	0 9	16 24	5 51	16 36	16 55	10 48	0 36	5 23
F 28	9 29	5 6	3 28	0 12	0s 8	8 14	0 32	12 39	1 9	12 31	0 36	17 48	0 8	18 26	0 18	14 53	0 9	16 24	5 51	16 36	16 56	10 50	0 35	5 23
S 29	9 8	0 55	4 14	0s30	0 17	8 43	0 37	12 25	1 9	12 27	0 36	17 46	0 8	18 26	0 18	14 53	0 9	16 24	5 51	16 37	16 57	10 52	0 34	5 23
S 30	8 47	3n13	4 47	1 11	0 26	9 11	0 42	12 12	1 9	12 22	0 36	17 44	0 8	18 27	0 18	14 54	0 9	16 24	5 51	16 38	16 58	10 54	0 33	5 23
M31	8n26	7n11	5s 7	1s52	0s35	9s40	0s47	11n58	1n 9	12n18	0n36	17n42	0n 8	18s27	0n18	14s54	0n 9	16n23	5s51	16n39	16n59	10n56	0n32	5n23

Julian Day Number = 2872881.5, Delta T = 01h12m47s
Ecliptic obliquity = 23°17'18, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°53'41, Lahiri = 40°00'41

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3153
geocentric

SEPTEMBER 3153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 41 14	9♍11'53	13♉36	4♎42	24♎10	2♍ 4	29♌16	10♌20	24♏24	18°R56	17♋10	13°R29	12♌19	13♉48	18°R41	T 1
W 2	22 45 11	10° 9'31	25°29	6° 0	25°14	2°43	29°29	10°27	24°26	18♒55	17°11	13♌27	12°16	13°54	18♓38	W 2
T 3	22 49 7	11° 7'11	7♊23	7°16	26°18	3°21	29°42	10°34	24°27	18°53	17°12	13°D26	12°13	14° 1	18°35	T 3
F 4	22 53 4	12° 4'52	19°25	8°30	27°21	3°59	29°55	10°41	24°29	18°52	17°13	13°26	12°10	14° 8	18°32	F 4
S 5	22 57 0	13° 2'34	1♋38	9°42	28°24	4°38	0♍ 8	10°48	24°31	18°50	17°14	13°27	12° 7	14°14	18°29	S 5
S 6	23 0 57	14° 0'18	14° 7	10°52	29°27	5°16	0°21	10°55	24°32	18°49	17°15	13°29	12° 3	14°21	18°26	S 6
M 7	23 4 54	14°58'04	26°56	11°59	0♏30	5°55	0°34	11° 2	24°34	18°48	17°16	13°30	12° 0	14°28	18°23	M 7
T 8	23 8 50	15°55'50	10♌ 8	13° 5	1°32	6°33	0°47	11° 9	24°36	18°46	17°16	13°R31	11°57	14°35	18°20	T 8
W 9	23 12 47	16°53'39	23°45	14° 8	2°34	7°11	1° 0	11°16	24°38	18°45	17°17	13°31	11°54	14°41	18°17	W 9
T 10	23 16 43	17°51'28	7♍45	15° 8	3°36	7°50	1°13	11°22	24°40	18°43	17°18	13°29	11°51	14°48	18°14	T 10
F 11	23 20 40	18°49'20	22° 7	16° 6	4°37	8°28	1°26	11°29	24°42	18°42	17°19	13°25	11°48	14°55	18°11	F 11
S 12	23 24 36	19°47'12	6♎43	17° 2	5°38	9° 6	1°39	11°36	24°44	18°41	17°20	13°20	11°44	15° 2	18° 8	S 12
S 13	23 28 33	20°45'06	21°28	17°54	6°39	9°45	1°52	11°42	24°46	18°39	17°20	13°15	11°41	15° 8	18° 5	S 13
M14	23 32 29	21°43'01	6♏14	18°43	7°40	10°23	2° 5	11°49	24°48	18°38	17°21	13°10	11°38	15°15	18° 2	M14
T 15	23 36 26	22°40'57	20°54	19°29	8°40	11° 1	2°18	11°56	24°50	18°37	17°22	13° 5	11°35	15°22	17°59	T 15
W16	23 40 22	23°38'55	5♐21	20°11	9°40	11°39	2°31	12° 2	24°53	18°36	17°23	13° 2	11°32	15°28	17°56	W16
T 17	23 44 19	24°36'53	19°32	20°50	10°40	12°18	2°43	12° 9	24°55	18°34	17°23	13°D 1	11°28	15°35	17°53	T 17
F 18	23 48 16	25°34'53	3♑26	21°25	11°39	12°56	2°56	12°15	24°57	18°33	17°24	13° 1	11°25	15°42	17°51	F 18
S 19	23 52 12	26°32'54	17° 2	21°55	12°38	13°34	3° 9	12°21	25° 0	18°32	17°24	13° 2	11°22	15°49	17°48	S 19
S 20	23 56 9	27°30'57	0♒22	22°21	13°36	14°12	3°21	12°28	25° 2	18°31	17°25	13° 3	11°19	15°55	17°45	S 20
M21	0 0 5	28°29'01	13°27	22°42	14°34	14°50	3°34	12°34	25° 4	18°30	17°26	13°R 4	11°16	16° 2	17°42	M21
T 22	0 4 2	29°27'06	26°19	22°58	15°32	15°28	3°46	12°40	25° 7	18°28	17°26	13° 3	11°13	16° 9	17°39	T 22
W23	0 7 58	0♎25'12	8♓59	23° 9	16°29	16° 7	3°59	12°46	25° 9	18°27	17°27	13° 0	11° 9	16°16	17°36	W23
T 24	0 11 55	1°23'20	21°28	23°R14	17°26	16°45	4°11	12°52	25°12	18°26	17°27	12°55	11° 6	16°22	17°33	T 24
F 25	0 15 51	2°21'29	3♈48	23°13	18°22	17°23	4°24	12°58	25°15	18°25	17°28	12°47	11° 3	16°29	17°30	F 25
S 26	0 19 48	3°19'41	15°59	23° 6	19°18	18° 1	4°36	13° 4	25°17	18°24	17°28	12°39	11° 0	16°36	17°28	S 26
S 27	0 23 45	4°17'54	28° 3	22°53	20°13	18°39	4°49	13°10	25°20	18°23	17°29	12°29	10°57	16°42	17°25	S 27
M28	0 27 41	5°16'08	10♉ 0	22°33	21° 8	19°17	5° 1	13°16	25°23	18°22	17°29	12°19	10°53	16°49	17°22	M28
T 29	0 31 38	6°14'25	21°52	22° 7	22° 2	19°55	5°13	13°21	25°25	18°21	17°30	12°10	10°50	16°56	17°19	T 29
W30	0 35 34	7♎12'44	3♊43	21♎34	22♏56	20♍33	5♍25	13♌27	25♏28	18♒20	17♋30	12♌ 3	10♌47	17♉ 3	17♓17	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n 4	10n50	5s13	2s32	0s45	10s 8	0s53	11n45	1n 9	12n13	0n36	17n40	0n 8	18s28	0n18	14s55	0n 9	16n23	5s51	16n40	17n 0	10n58	0n30	5n23
W 2	7 43	14 2	5 7	3 12	0 54	10 36	0 58	11 31	1 9	12 9	0 36	17 39	0 8	18 28	0 18	14 55	0 9	16 23	5 51	16 41	17 1	11 0	0 29	5 23
T 3	7 21	16 41	4 47	3 51	1 4	11 4	1 3	11 17	1 9	12 4	0 36	17 37	0 8	18 28	0 18	14 56	0 9	16 23	5 51	16 41	17 2	11 2	0 28	5 23
F 4	6 59	18 39	4 14	4 29	1 14	11 32	1 8	11 3	1 9	12 0	0 36	17 35	0 9	18 29	0 18	14 56	0 9	16 23	5 51	16 41	17 2	11 4	0 27	5 23
S 5	6 37	19 47	3 29	5 6	1 23	11 59	1 14	10 49	1 9	11 55	0 36	17 33	0 9	18 29	0 18	14 57	0 9	16 23	5 51	16 41	17 3	11 6	0 26	5 23
S 6	6 15	20 0	2 34	5 42	1 33	12 27	1 19	10 35	1 9	11 51	0 36	17 31	0 9	18 30	0 18	14 57	0 9	16 22	5 51	16 40	17 4	11 8	0 25	5 23
M 7	5 53	19 11	1 29	6 18	1 43	12 54	1 25	10 21	1 9	11 46	0 37	17 30	0 9	18 30	0 18	14 57	0 9	16 22	5 51	16 40	17 5	11 10	0 24	5 23
T 8	5 31	17 18	0 18	6 52	1 53	13 20	1 30	10 7	1 9	11 42	0 37	17 28	0 9	18 31	0 18	14 58	0 9	16 22	5 52	16 40	17 6	11 11	0 22	5 23
W 9	5 9	14 24	0n56	7 26	2 3	13 47	1 36	9 53	1 9	11 37	0 37	17 26	0 9	18 31	0 18	14 58	0 9	16 22	5 52	16 40	17 7	11 13	0 21	5 23
T 10	4 46	10 36	2 8	7 58	2 13	14 13	1 41	9 39	1 9	11 33	0 37	17 24	0 9	18 32	0 18	14 59	0 9	16 22	5 52	16 40	17 8	11 15	0 20	5 23
F 11	4 24	6 6	3 15	8 29	2 22	14 39	1 47	9 25	1 9	11 28	0 37	17 23	0 9	18 32	0 18	14 59	0 9	16 22	5 52	16 41	17 9	11 17	0 19	5 22
S 12	4 1	1 10	4 9	8 59	2 32	15 5	1 52	9 11	1 9	11 24	0 37	17 21	0 9	18 33	0 18	15 0	0 9	16 21	5 52	16 43	17 10	11 19	0 18	5 22
S 13	3 39	3s52	4 48	9 28	2 42	15 31	1 58	8 56	1 9	11 19	0 37	17 19	0 9	18 33	0 18	15 0	0 9	16 21	5 52	16 44	17 10	11 21	0 16	5 22
M14	3 16	8 40	5 8	9 56	2 51	15 56	2 4	8 42	1 9	11 15	0 37	17 17	0 10	18 34	0 18	15 0	0 9	16 21	5 52	16 46	17 11	11 23	0 15	5 22
T 15	2 53	12 55	5 7	10 21	3 0	16 21	2 10	8 27	1 9	11 10	0 37	17 16	0 10	18 34	0 18	15 1	0 9	16 21	5 52	16 47	17 12	11 25	0 14	5 22
W16	2 30	16 21	4 47	10 46	3 9	16 46	2 15	8 13	1 9	11 6	0 37	17 14	0 10	18 35	0 18	15 1	0 9	16 21	5 52	16 48	17 13	11 27	0 13	5 22
T 17	2 8	18 44	4 9	11 8	3 18	17 10	2 21	7 58	1 9	11 1	0 38	17 12	0 10	18 35	0 18	15 2	0 9	16 21	5 52	16 48	17 14	11 29	0 11	5 22
F 18	1 45	19 57	3 18	11 29	3 26	17 34	2 27	7 44	1 9	10 57	0 38	17 11	0 10	18 36	0 18	15 2	0 9	16 20	5 52	16 48	17 15	11 31	0 10	5 22
S 19	1 22	19 58	2 16	11 48	3 34	17 57	2 33	7 29	1 9	10 53	0 38	17 9	0 10	18 37	0 18	15 2	0 9	16 20	5 52	16 48	17 16	11 33	0 9	5 22
S 20	0 59	18 50	1 8	12 4	3 41	18 21	2 39	7 15	1 9	10 48	0 38	17 7	0 10	18 37	0 18	15 3	0 9	16 20	5 52	16 48	17 16	11 35	0 8	5 22
M21	0 36	16 43	0s 2	12 18	3 48	18 44	2 45	7 0	1 9	10 44	0 38	17 6	0 10	18 38	0 18	15 3	0 9	16 20	5 52	16 47	17 17	11 37	0 6	5 21
T 22	0 13	13 47	1 11	12 30	3 54	19 6	2 50	6 45	1 9	10 39	0 38	17 4	0 10	18 38	0 18	15 4	0 9	16 20	5 53	16 48	17 18	11 39	0 5	5 21
W23	0s10	10 14	2 15	12 40	4 0	19 29	2 56	6 31	1 9	10 35	0 38	17 2	0 10	18 39	0 18	15 4	0 9	16 20	5 53	16 48	17 19	11 41	0 4	5 21
T 24	0 33	6 18	3 12	12 46	4 5	19 51	3 2	6 16	1 9	10 30	0 38	17 1	0 11	18 40	0 18	15 4	0 9	16 20	5 53	16 50	17 20	11 43	0 3	5 21
F 25	0 56	2 9	3 58	12 49	4 9	20 12	3 8	6 1	1 9	10 26	0 38	16 59	0 11	18 40	0 18	15 5	0 9	16 19	5 53	16 52	17 21	11 45	0 1	5 21
S 26	1 19	2n 2	4 33	12 49	4 12	20 33	3 14	5 46	1 9	10 22	0 39	16 58	0 11	18 41	0 17	15 5	0 9	16 19	5 53	16 54	17 22	11 47	0 0	5 21
S 27	1 42	6 6	4 56	12 46	4 13	20 54	3 20	5 31	1 9	10 17	0 39	16 56	0 11	18 42	0 17	15 5	0 9	16 19	5 53	16 57	17 23	11 49	0s 1	5 20
M28	2 5	9 53	5 5	12 39	4 14	21 14	3 26	5 17	1 9	10 13	0 39	16 54	0 11	18 42	0 17	15 6	0 9	16 19	5 53	17 0	17 23	11 50	0 2	5 20
T 29	2 28	13 16	5 1	12 28	4 13	21 34	3 32	5 2	1 9	10 9	0 39	16 53	0 11	18 43	0 17	15 6	0 8	16 19	5 53	17 2	17 24	11 52	0 3	5 20
W30	2s51	16n 7	4s44	12s13	4s10	21s54	3s37	4n47	1n 9	10n 4	0n39	16n51	0n11	18s44	0n17	15s 6	0n 8	16n19	5s53	17n 4	17n25	11n54	0s 5	5n20

Julian Day Number = 2872912.5, Delta T = 01h12m47s
Ecliptic obliquity = 23°17'18, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°53'45, Lahiri = 40°00'46

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ASTRODIENST EPHEMERIS for the year 3153
geocentric

OCTOBER 3153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 39 31	8♎11'04	15♊37	20°R54	23♏49	21♍11	5♍37	13♌33	25♏31	18°R19	17♋30	11°R58	10♌44	17♉ 9	17°R14	T 1
F 2	0 43 27	9° 9'27	27°36	20♎ 9	24°42	21°49	5°50	13°38	25°34	18♒18	17°31	11♌55	10°41	17°16	17♓11	F 2
S 3	0 47 24	10° 7'52	9♋45	19°18	25°34	22°27	6° 2	13°44	25°37	18°17	17°31	11°D55	10°38	17°23	17° 9	S 3
S 4	0 51 20	11° 6'18	22°11	18°22	26°26	23° 5	6°14	13°49	25°40	18°17	17°32	11°55	10°34	17°29	17° 6	S 4
M 5	0 55 17	12° 4'47	4♌57	17°23	27°16	23°43	6°25	13°54	25°43	18°16	17°32	11°56	10°31	17°36	17° 3	M 5
T 6	0 59 14	13° 3'18	18° 8	16°21	28° 6	24°21	6°37	13°59	25°46	18°15	17°32	11°R56	10°28	17°43	17° 1	T 6
W 7	1 3 10	14° 1'51	1♍46	15°17	28°56	24°59	6°49	14° 5	25°49	18°14	17°32	11°54	10°25	17°50	16°58	W 7
T 8	1 7 7	15° 0'26	15°54	14°14	29°45	25°37	7° 1	14°10	25°52	18°14	17°33	11°50	10°22	17°56	16°56	T 8
F 9	1 11 3	15°59'02	0♎27	13°12	0♐33	26°15	7°13	14°15	25°55	18°13	17°33	11°44	10°19	18° 3	16°53	F 9
S 10	1 15 0	16°57'41	15°22	12°13	1°20	26°53	7°24	14°20	25°58	18°12	17°33	11°35	10°15	18°10	16°51	S 10
S 11	1 18 56	17°56'22	0♏29	11°19	2° 6	27°31	7°36	14°24	26° 1	18°12	17°33	11°25	10°12	18°16	16°48	S 11
M12	1 22 53	18°55'05	15°38	10°32	2°52	28° 9	7°47	14°29	26° 4	18°11	17°33	11°15	10° 9	18°23	16°46	M12
T 13	1 26 49	19°53'49	0♐40	9°51	3°36	28°47	7°58	14°34	26° 7	18°10	17°33	11° 7	10° 6	18°30	16°44	T 13
W14	1 30 46	20°52'35	15°24	9°20	4°20	29°25	8°10	14°38	26°11	18°10	17°33	11° 0	10° 3	18°37	16°41	W14
T 15	1 34 42	21°51'23	29°46	8°57	5° 3	0♎ 3	8°21	14°43	26°14	18° 9	17°34	10°56	9°59	18°43	16°39	T 15
F 16	1 38 39	22°50'12	13♑44	8°44	5°45	0°41	8°32	14°47	26°17	18° 9	17°34	10°54	9°56	18°50	16°37	F 16
S 17	1 42 36	23°49'03	27°18	8°D42	6°25	1°19	8°43	14°52	26°20	18° 8	17°34	10°D54	9°53	18°57	16°35	S 17
S 18	1 46 32	24°47'56	10♒29	8°49	7° 5	1°57	8°54	14°56	26°24	18° 8	17°R34	10°R54	9°50	19° 4	16°33	S 18
M19	1 50 29	25°46'50	23°22	9° 7	7°43	2°34	9° 5	15° 0	26°27	18° 8	17°34	10°54	9°47	19°10	16°31	M19
T 20	1 54 25	26°45'46	5♓59	9°35	8°21	3°12	9°16	15° 4	26°30	18° 7	17°34	10°51	9°44	19°17	16°29	T 20
W21	1 58 22	27°44'44	18°24	10°12	8°57	3°50	9°27	15° 8	26°34	18° 7	17°34	10°46	9°40	19°24	16°27	W21
T 22	2 2 18	28°43'43	0♈39	10°57	9°32	4°28	9°37	15°12	26°37	18° 7	17°33	10°38	9°37	19°30	16°25	T 22
F 23	2 6 15	29°42'44	12°47	11°51	10° 5	5° 6	9°48	15°16	26°41	18° 6	17°33	10°28	9°34	19°37	16°23	F 23
S 24	2 10 11	0♏41'47	24°49	12°53	10°37	5°44	9°59	15°20	26°44	18° 6	17°33	10°15	9°31	19°44	16°21	S 24
S 25	2 14 8	1°40'52	6♉46	14° 1	11° 8	6°21	10° 9	15°23	26°48	18° 6	17°33	10° 0	9°28	19°51	16°19	S 25
M26	2 18 5	2°39'59	18°40	15°15	11°37	6°59	10°19	15°27	26°51	18° 6	17°33	9°46	9°24	19°57	16°17	M26
T 27	2 22 1	3°39'09	0♊31	16°34	12° 5	7°37	10°30	15°30	26°55	18° 6	17°33	9°33	9°21	20° 4	16°15	T 27
W28	2 25 58	4°38'20	12°23	17°58	12°31	8°15	10°40	15°34	26°58	18° 6	17°32	9°22	9°18	20°11	16°14	W28
T 29	2 29 54	5°37'33	24°16	19°26	12°55	8°53	10°50	15°37	27° 2	18° 6	17°32	9°14	9°15	20°17	16°12	T 29
F 30	2 33 51	6°36'49	6♋15	20°57	13°18	9°30	11° 0	15°40	27° 5	18°D 6	17°32	9° 9	9°12	20°24	16°11	F 30
S 31	2 37 47	7♏36'07	18♋24	22♎31	13♐39	10♎ 8	11♍10	15♌43	27♏ 9	18♒ 6	17♋32	9♌ 6	9♌ 9	20♉31	16♓ 9	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s14	18n18	4s15	11s55	4s 6	22s13	3s43	4n32	1n 9	10n 0	0n39	16n50	0n11	18s44	0n17	15s 6	0n 8	16n19	5s53	17n 6	17n26	11n56	0s 6	5n20
F 2	3 36	19 42	3 34	11 32	4 0	22 32	3 49	4 17	1 9	9 56	0 39	16 48	0 11	18 45	0 17	15 7	0 8	16 18	5 53	17 6	17 27	11 58	0 7	5 20
S 3	3 59	20 13	2 43	11 5	3 52	22 50	3 55	4 2	1 9	9 51	0 39	16 47	0 11	18 46	0 17	15 7	0 8	16 18	5 53	17 7	17 28	12 0	0 8	5 19
S 4	4 22	19 46	1 44	10 35	3 42	23 8	4 1	3 47	1 9	9 47	0 40	16 46	0 12	18 46	0 17	15 7	0 8	16 18	5 53	17 7	17 29	12 2	0 9	5 19
M 5	4 45	18 18	0 37	10 2	3 31	23 25	4 6	3 32	1 9	9 43	0 40	16 44	0 12	18 47	0 17	15 8	0 8	16 18	5 54	17 6	17 29	12 4	0 11	5 19
T 6	5 7	15 50	0n33	9 26	3 17	23 42	4 12	3 17	1 9	9 39	0 40	16 43	0 12	18 48	0 17	15 8	0 8	16 18	5 54	17 6	17 30	12 6	0 12	5 19
W 7	5 30	12 24	1 44	8 47	3 2	23 59	4 17	3 2	1 9	9 34	0 40	16 41	0 12	18 49	0 17	15 8	0 8	16 18	5 54	17 7	17 31	12 8	0 13	5 18
T 8	5 53	8 9	2 51	8 7	2 46	24 15	4 23	2 47	1 9	9 30	0 40	16 40	0 12	18 49	0 17	15 8	0 8	16 18	5 54	17 8	17 32	12 10	0 14	5 18
F 9	6 15	3 19	3 48	7 27	2 28	24 30	4 28	2 32	1 9	9 26	0 40	16 39	0 12	18 50	0 17	15 9	0 8	16 18	5 54	17 10	17 33	12 12	0 15	5 18
S 10	6 37	1s50	4 32	6 46	2 8	24 46	4 34	2 17	1 9	9 22	0 40	16 37	0 12	18 51	0 17	15 9	0 8	16 18	5 54	17 12	17 34	12 14	0 17	5 18
S 11	7 0	6 55	4 57	6 7	1 49	25 0	4 39	2 2	1 9	9 18	0 40	16 36	0 12	18 52	0 17	15 9	0 8	16 17	5 54	17 15	17 35	12 16	0 18	5 17
M12	7 22	11 36	5 2	5 30	1 28	25 15	4 44	1 47	1 9	9 14	0 41	16 35	0 12	18 52	0 17	15 9	0 8	16 17	5 54	17 17	17 35	12 18	0 19	5 17
T 13	7 44	15 30	4 45	4 56	1 8	25 29	4 49	1 32	1 8	9 9	0 41	16 34	0 13	18 53	0 17	15 9	0 8	16 17	5 54	17 20	17 36	12 19	0 20	5 17
W14	8 6	18 21	4 10	4 25	0 48	25 42	4 54	1 17	1 8	9 5	0 41	16 32	0 13	18 54	0 17	15 10	0 8	16 17	5 54	17 22	17 37	12 21	0 21	5 17
T 15	8 28	19 57	3 20	3 58	0 28	25 55	4 59	1 2	1 8	9 1	0 41	16 31	0 13	18 55	0 17	15 10	0 8	16 17	5 54	17 23	17 38	12 23	0 22	5 16
F 16	8 50	20 17	2 19	3 35	0 10	26 7	5 4	0 47	1 8	8 57	0 41	16 30	0 13	18 55	0 17	15 10	0 8	16 17	5 55	17 23	17 39	12 25	0 23	5 16
S 17	9 11	19 24	1 12	3 18	0n 8	26 19	5 9	0 32	1 8	8 53	0 41	16 29	0 13	18 56	0 17	15 10	0 8	16 17	5 55	17 23	17 40	12 27	0 24	5 16
S 18	9 33	17 28	0 2	3 6	0 25	26 30	5 14	0 16	1 8	8 49	0 42	16 28	0 13	18 57	0 17	15 10	0 8	16 17	5 55	17 23	17 40	12 29	0 25	5 16
M19	9 54	14 41	1s 6	2 58	0 40	26 41	5 18	0 1	1 8	8 45	0 42	16 27	0 13	18 58	0 17	15 10	0 8	16 17	5 55	17 23	17 41	12 31	0 26	5 15
T 20	10 15	11 15	2 9	2 56	0 54	26 52	5 22	0s14	1 8	8 42	0 42	16 26	0 13	18 59	0 17	15 10	0 8	16 17	5 55	17 24	17 42	12 33	0 28	5 15
W21	10 36	7 24	3 4	2 59	1 7	27 2	5 27	0 29	1 8	8 38	0 42	16 24	0 13	18 59	0 17	15 10	0 8	16 17	5 55	17 25	17 43	12 35	0 29	5 15
T 22	10 57	3 17	3 51	3 7	1 18	27 11	5 31	0 44	1 8	8 34	0 42	16 23	0 14	19 0	0 17	15 11	0 8	16 17	5 55	17 28	17 44	12 37	0 30	5 14
F 23	11 18	0n56	4 26	3 19	1 28	27 20	5 35	0 59	1 8	8 30	0 42	16 22	0 14	19 1	0 17	15 11	0 8	16 16	5 55	17 30	17 45	12 39	0 31	5 14
S 24	11 39	5 4	4 49	3 35	1 36	27 29	5 38	1 14	1 8	8 26	0 42	16 21	0 14	19 2	0 17	15 11	0 8	16 16	5 55	17 34	17 46	12 40	0 32	5 14
S 25	11 59	8 58	4 59	3 54	1 43	27 36	5 42	1 28	1 7	8 22	0 43	16 21	0 14	19 3	0 17	15 11	0 8	16 16	5 55	17 38	17 46	12 42	0 33	5 14
M26	12 19	12 31	4 56	4 18	1 49	27 44	5 45	1 43	1 7	8 19	0 43	16 20	0 14	19 3	0 17	15 11	0 8	16 16	5 55	17 41	17 47	12 44	0 34	5 13
T 27	12 39	15 34	4 40	4 44	1 53	27 51	5 48	1 58	1 7	8 15	0 43	16 19	0 14	19 4	0 17	15 11	0 8	16 16	5 55	17 45	17 48	12 46	0 34	5 13
W28	12 59	17 58	4 12	5 13	1 56	27 57	5 51	2 13	1 7	8 11	0 43	16 18	0 14	19 5	0 17	15 11	0 8	16 16	5 56	17 48	17 49	12 48	0 35	5 13
T 29	13 19	19 37	3 33	5 44	1 58	28 3	5 53	2 28	1 7	8 8	0 43	16 17	0 14	19 6	0 17	15 11	0 8	16 16	5 56	17 50	17 50	12 50	0 36	5 12
F 30	13 38	20 25	2 44	6 17	1 59	28 8	5 55	2 43	1 7	8 4	0 43	16 16	0 14	19 7	0 17	15 11	0 8	16 16	5 56	17 51	17 51	12 52	0 37	5 12
S 31	13s58	20n16	1s47	6s51	1n59	28s12	5s57	2s58	1n 7	8n 1	0n44	16n15	0n15	19s 7	0n17	15s11	0n 8	16n16	5s56	17n52	17n51	12n54	0s38	5n12

Julian Day Number = 2872942.5, Delta T = 01h12m48s
Ecliptic obliquity = 23°17'19, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°53'49, Lahiri = 40°00'50

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ASTRODIENST EPHEMERIS for the year 3153
geocentric

NOVEMBER 3153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 41 44	8♏35'27	0♌46	24♎ 7	13♐58	10♎46	11♍19	15♌46	27♏13	18♒ 6	17°R31	9°R 5	9♌ 5	20♉38	16°R 8	S 1
M 2	2 45 40	9°34'49	13°27	25°44	14°15	11°24	11°29	15°49	27°16	18° 6	17♋31	9♌ 5	9° 2	20°44	16♓ 6	M 2
T 3	2 49 37	10°34'14	26°31	27°24	14°30	12° 1	11°38	15°52	27°20	18° 6	17°31	9° 4	8°59	20°51	16° 5	T 3
W 4	2 53 34	11°33'40	10♍ 3	29° 4	14°43	12°39	11°48	15°54	27°23	18° 6	17°30	9° 2	8°56	20°58	16° 4	W 4
T 5	2 57 30	12°33'09	24° 5	0♏45	14°54	13°17	11°57	15°57	27°27	18° 6	17°30	8°58	8°53	21° 5	16° 2	T 5
F 6	3 1 27	13°32'40	8♎36	2°27	15° 3	13°55	12° 6	15°59	27°31	18° 6	17°29	8°51	8°50	21°11	16° 1	F 6
S 7	3 5 23	14°32'14	23°33	4° 9	15°10	14°32	12°15	16° 2	27°34	18° 7	17°29	8°41	8°46	21°18	16° 0	S 7
S 8	3 9 20	15°31'49	8♏47	5°51	15°15	15°10	12°24	16° 4	27°38	18° 7	17°29	8°30	8°43	21°25	15°59	S 8
M 9	3 13 16	16°31'27	24° 8	7°34	15°R17	15°48	12°33	16° 6	27°42	18° 7	17°28	8°19	8°40	21°31	15°58	M 9
T 10	3 17 13	17°31'06	9♐24	9°16	15°17	16°25	12°42	16° 8	27°46	18° 8	17°28	8° 9	8°37	21°38	15°57	T 10
W11	3 21 9	18°30'47	24°24	10°58	15°14	17° 3	12°51	16°10	27°49	18° 8	17°27	8° 1	8°34	21°45	15°56	W11
T 12	3 25 6	19°30'30	9♑ 1	12°40	15° 9	17°41	12°59	16°12	27°53	18° 8	17°27	7°55	8°30	21°52	15°55	T 12
F 13	3 29 3	20°30'15	23° 9	14°21	15° 2	18°18	13° 8	16°13	27°57	18° 9	17°26	7°53	8°27	21°58	15°54	F 13
S 14	3 32 59	21°30'01	6♒50	16° 2	14°52	18°56	13°16	16°15	28° 1	18° 9	17°25	7°D52	8°24	22° 5	15°54	S 14
S 15	3 36 56	22°29'49	20° 4	17°43	14°40	19°34	13°24	16°17	28° 4	18°10	17°25	7°R52	8°21	22°12	15°53	S 15
M16	3 40 52	23°29'38	2♓54	19°23	14°26	20°11	13°32	16°18	28° 8	18°10	17°24	7°52	8°18	22°18	15°52	M16
T 17	3 44 49	24°29'29	15°26	21° 3	14° 9	20°49	13°40	16°19	28°12	18°11	17°24	7°50	8°15	22°25	15°52	T 17
W18	3 48 45	25°29'22	27°44	22°43	13°49	21°26	13°48	16°20	28°16	18°12	17°23	7°46	8°11	22°32	15°51	W18
T 19	3 52 42	26°29'16	9♈51	24°22	13°28	22° 4	13°55	16°21	28°19	18°12	17°22	7°39	8° 8	22°39	15°51	T 19
F 20	3 56 38	27°29'12	21°50	26° 0	13° 4	22°42	14° 3	16°22	28°23	18°13	17°22	7°29	8° 5	22°45	15°50	F 20
S 21	4 0 35	28°29'09	3♉46	27°38	12°38	23°19	14°10	16°23	28°27	18°14	17°21	7°17	8° 2	22°52	15°50	S 21
S 22	4 4 32	29°29'09	15°39	29°16	12°10	23°57	14°17	16°24	28°31	18°14	17°20	7° 4	7°59	22°59	15°50	S 22
M23	4 8 28	0♐29'10	27°31	0♐53	11°41	24°34	14°24	16°24	28°34	18°15	17°19	6°51	7°56	23° 5	15°50	M23
T 24	4 12 25	1°29'12	9♊24	2°30	11° 9	25°12	14°31	16°25	28°38	18°16	17°19	6°39	7°52	23°12	15°49	T 24
W25	4 16 21	2°29'17	21°20	4° 6	10°37	25°49	14°38	16°25	28°42	18°17	17°18	6°29	7°49	23°19	15°49	W25
T 26	4 20 18	3°29'24	3♋18	5°42	10° 3	26°27	14°45	16°26	28°46	18°18	17°17	6°21	7°46	23°26	15°D49	T 26
F 27	4 24 14	4°29'32	15°23	7°18	9°28	27° 4	14°51	16°26	28°49	18°19	17°16	6°16	7°43	23°32	15°49	F 27
S 28	4 28 11	5°29'42	27°36	8°53	8°52	27°42	14°57	16°R26	28°53	18°19	17°15	6°14	7°40	23°39	15°50	S 28
S 29	4 32 7	6°29'54	10♌ 2	10°28	8°16	28°19	15° 3	16°26	28°57	18°20	17°15	6°D13	7°36	23°46	15°50	S 29
M30	4 36 4	7♐30'09	22♌43	12♐ 3	7♐39	28♎57	15♍10	16♌25	29♏ 1	18♒21	17♋14	6♌14	7♌33	23♉52	15♓50	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s17	19n 9	0s44	7s27	1n59	28s16	5s59	3s13	1n 7	7n57	0n44	16n15	0n15	19s 8	0n17	15s11	0n 8	16n16	5s56	17n52	17n52	12n56	0s39	5n11
M 2	14 35	17 3	0n23	8 4	1 57	28 20	6 0	3 27	1 7	7 54	0 44	16 14	0 15	19 9	0 17	15 11	0 8	16 16	5 56	17 52	17 53	12 58	0 40	5 11
T 3	14 54	14 1	1 31	8 41	1 55	28 23	6 1	3 42	1 6	7 50	0 44	16 13	0 15	19 10	0 17	15 11	0 8	16 16	5 56	17 52	17 54	12 59	0 41	5 11
W 4	15 12	10 9	2 36	9 19	1 52	28 25	6 2	3 57	1 6	7 47	0 44	16 13	0 15	19 11	0 17	15 11	0 8	16 16	5 56	17 53	17 55	13 1	0 41	5 10
T 5	15 30	5 36	3 34	9 58	1 49	28 26	6 2	4 12	1 6	7 43	0 45	16 12	0 15	19 12	0 17	15 11	0 8	16 16	5 56	17 54	17 56	13 3	0 42	5 10
F 6	15 48	0 36	4 20	10 36	1 45	28 27	6 2	4 26	1 6	7 40	0 45	16 11	0 15	19 13	0 17	15 11	0 8	16 16	5 56	17 56	17 56	13 5	0 43	5 10
S 7	16 6	4s35	4 50	11 15	1 41	28 27	6 1	4 41	1 6	7 37	0 45	16 11	0 15	19 13	0 17	15 11	0 8	16 16	5 56	17 59	17 57	13 7	0 44	5 9
S 8	16 23	9 35	5 0	11 53	1 36	28 27	6 0	4 55	1 6	7 33	0 45	16 10	0 16	19 14	0 17	15 11	0 8	16 16	5 56	18 1	17 58	13 9	0 44	5 9
M 9	16 40	14 1	4 49	12 31	1 31	28 25	5 59	5 10	1 6	7 30	0 45	16 10	0 16	19 15	0 17	15 11	0 8	16 16	5 56	18 4	17 59	13 11	0 45	5 9
T 10	16 57	17 29	4 17	13 9	1 25	28 23	5 57	5 24	1 6	7 27	0 45	16 9	0 16	19 16	0 17	15 11	0 8	16 16	5 56	18 7	18 0	13 13	0 46	5 8
W11	17 14	19 42	3 28	13 46	1 20	28 20	5 54	5 39	1 5	7 24	0 46	16 9	0 16	19 17	0 17	15 11	0 8	16 16	5 57	18 9	18 0	13 15	0 47	5 8
T 12	17 30	20 33	2 26	14 22	1 14	28 17	5 51	5 53	1 5	7 21	0 46	16 8	0 16	19 18	0 17	15 10	0 8	16 16	5 57	18 10	18 1	13 16	0 47	5 8
F 13	17 46	20 3	1 17	14 58	1 7	28 12	5 47	6 8	1 5	7 18	0 46	16 8	0 16	19 18	0 17	15 10	0 8	16 16	5 57	18 11	18 2	13 18	0 48	5 7
S 14	18 1	18 22	0 6	15 33	1 1	28 7	5 43	6 22	1 5	7 15	0 46	16 8	0 16	19 19	0 17	15 10	0 8	16 16	5 57	18 11	18 3	13 20	0 48	5 7
S 15	18 17	15 43	1s 4	16 8	0 55	28 0	5 38	6 36	1 5	7 12	0 46	16 7	0 16	19 20	0 17	15 10	0 8	16 16	5 57	18 11	18 4	13 22	0 49	5 6
M16	18 32	12 22	2 9	16 42	0 48	27 53	5 32	6 51	1 5	7 9	0 47	16 7	0 17	19 21	0 17	15 10	0 8	16 16	5 57	18 11	18 5	13 24	0 50	5 6
T 17	18 46	8 33	3 5	17 14	0 41	27 45	5 26	7 5	1 4	7 6	0 47	16 7	0 17	19 22	0 17	15 10	0 8	16 16	5 57	18 12	18 5	13 26	0 50	5 6
W18	19 1	4 27	3 52	17 46	0 35	27 36	5 19	7 19	1 4	7 4	0 47	16 6	0 17	19 23	0 17	15 10	0 8	16 16	5 57	18 13	18 6	13 28	0 51	5 5
T 19	19 15	0 14	4 27	18 17	0 28	27 25	5 11	7 33	1 4	7 1	0 47	16 6	0 17	19 23	0 17	15 9	0 8	16 16	5 57	18 15	18 7	13 29	0 51	5 5
F 20	19 29	3n57	4 51	18 47	0 21	27 14	5 3	7 47	1 4	6 58	0 47	16 6	0 17	19 24	0 17	15 9	0 8	16 16	5 57	18 17	18 8	13 31	0 52	5 5
S 21	19 42	7 58	5 1	19 17	0 14	27 2	4 54	8 1	1 4	6 56	0 48	16 6	0 17	19 25	0 17	15 9	0 8	16 16	5 57	18 20	18 9	13 33	0 52	5 4
S 22	19 55	11 39	4 58	19 45	0 7	26 49	4 45	8 15	1 4	6 53	0 48	16 6	0 17	19 26	0 17	15 9	0 8	16 16	5 57	18 23	18 9	13 35	0 53	5 4
M23	20 7	14 54	4 42	20 12	0 1	26 34	4 34	8 29	1 3	6 50	0 48	16 6	0 17	19 27	0 17	15 8	0 8	16 16	5 57	18 27	18 10	13 37	0 53	5 4
T 24	20 20	17 32	4 14	20 38	0s 6	26 19	4 23	8 43	1 3	6 48	0 48	16 6	0 18	19 28	0 17	15 8	0 8	16 16	5 57	18 30	18 11	13 39	0 53	5 3
W25	20 32	19 26	3 35	21 3	0 13	26 3	4 12	8 56	1 3	6 46	0 48	16 6	0 18	19 28	0 17	15 8	0 8	16 16	5 57	18 32	18 12	13 41	0 54	5 3
T 26	20 43	20 29	2 46	21 27	0 20	25 46	3 59	9 10	1 3	6 43	0 49	16 6	0 18	19 29	0 17	15 8	0 8	16 16	5 57	18 34	18 13	13 43	0 54	5 2
F 27	20 54	20 36	1 49	21 49	0 26	25 28	3 47	9 24	1 3	6 41	0 49	16 6	0 18	19 30	0 17	15 7	0 8	16 16	5 57	18 35	18 14	13 44	0 54	5 2
S 28	21 5	19 45	0 46	22 11	0 33	25 9	3 33	9 37	1 2	6 39	0 49	16 6	0 18	19 31	0 17	15 7	0 8	16 16	5 57	18 36	18 14	13 46	0 55	5 2
S 29	21 15	17 57	0n20	22 32	0 40	24 50	3 20	9 51	1 2	6 37	0 49	16 6	0 18	19 32	0 17	15 7	0 8	16 16	5 58	18 36	18 15	13 48	0 55	5 1
M30	21s25	15n14	1n27	22s51	0s46	24s30	3s 5	10s 4	1n 2	6n35	0n50	16n 6	0n18	19s33	0n17	15s 7	0n 8	16n16	5s58	18n36	18n16	13n50	0s55	5n 1

Julian Day Number = 2872973.5, Delta T = 01h12m49s
Ecliptic obliquity = 23°17'18, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°53'54, Lahiri = 40°00'54

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ASTRODIENST EPHEMERIS for the year 3153
geocentric

DECEMBER 3153 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 40 1	8♐30'25	5♍43	13♐37	7°R 3	29♎34	15♍15	16°R25	29♏ 4	18♒22	17°R13	6°R15	7♌30	23♉59	15♓50	T 1
W 2	4 43 57	9°30'43	19° 8	15°11	6♐26	0♏12	15°21	16♌25	29° 8	18°24	17♋12	6♌14	7°27	24° 6	15°51	W 2
T 3	4 47 54	10°31'02	2♎58	16°45	5°51	0°49	15°27	16°24	29°12	18°25	17°11	6°12	7°24	24°13	15°51	T 3
F 4	4 51 50	11°31'24	17°16	18°18	5°15	1°27	15°32	16°24	29°16	18°26	17°10	6° 8	7°21	24°19	15°51	F 4
S 5	4 55 47	12°31'48	1♏59	19°51	4°41	2° 4	15°37	16°23	29°19	18°27	17° 9	6° 1	7°17	24°26	15°52	S 5
S 6	4 59 43	13°32'13	17° 1	21°24	4° 8	2°42	15°42	16°22	29°23	18°28	17° 8	5°53	7°14	24°33	15°53	S 6
M 7	5 3 40	14°32'41	2♐15	22°57	3°36	3°19	15°47	16°21	29°27	18°29	17° 7	5°45	7°11	24°40	15°53	M 7
T 8	5 7 36	15°33'10	17°28	24°29	3° 6	3°57	15°52	16°20	29°30	18°31	17° 6	5°37	7° 8	24°46	15°54	T 8
W 9	5 11 33	16°33'40	2♑32	26° 2	2°38	4°34	15°56	16°19	29°34	18°32	17° 5	5°31	7° 5	24°53	15°55	W 9
T 10	5 15 30	17°34'12	17°16	27°34	2°11	5°11	16° 1	16°17	29°38	18°33	17° 4	5°28	7° 2	25° 0	15°55	T 10
F 11	5 19 26	18°34'45	1♒35	29° 6	1°47	5°49	16° 5	16°16	29°41	18°34	17° 3	5°D26	6°58	25° 6	15°56	F 11
S 12	5 23 23	19°35'19	15°25	0♑37	1°24	6°26	16° 9	16°14	29°45	18°36	17° 2	5°27	6°55	25°13	15°57	S 12
S 13	5 27 19	20°35'54	28°47	2° 9	1° 4	7° 4	16°13	16°13	29°48	18°37	17° 1	5°28	6°52	25°20	15°58	S 13
M14	5 31 16	21°36'31	11♓44	3°40	0°46	7°41	16°17	16°11	29°52	18°39	17° 0	5°29	6°49	25°27	15°59	M14
T 15	5 35 12	22°37'08	24°19	5°11	0°31	8°18	16°20	16° 9	29°56	18°40	16°59	5°R30	6°46	25°33	16° 1	T 15
W16	5 39 9	23°37'47	6♈36	6°42	0°18	8°55	16°23	16° 7	29°59	18°42	16°58	5°29	6°42	25°40	16° 2	W16
T 17	5 43 5	24°38'26	18°41	8°13	0° 7	9°33	16°27	16° 5	0♐ 3	18°43	16°57	5°26	6°39	25°47	16° 3	T 17
F 18	5 47 2	25°39'07	0♉38	9°43	29♏59	10°10	16°29	16° 3	0° 6	18°45	16°56	5°21	6°36	25°53	16° 4	F 18
S 19	5 50 59	26°39'49	12°30	11°13	29°53	10°47	16°32	16° 1	0°10	18°46	16°55	5°15	6°33	26° 0	16° 6	S 19
S 20	5 54 55	27°40'31	24°22	12°42	29°50	11°25	16°35	15°58	0°13	18°48	16°54	5° 8	6°30	26° 7	16° 7	S 20
M21	5 58 52	28°41'15	6♊15	14°12	29°D49	12° 2	16°37	15°56	0°17	18°49	16°52	5° 0	6°27	26°14	16° 9	M21
T 22	6 2 48	29°42'00	18°12	15°40	29°51	12°39	16°39	15°53	0°20	18°51	16°51	4°54	6°23	26°20	16°10	T 22
W23	6 6 45	0♑42'46	0♋14	17° 8	29°55	13°16	16°41	15°51	0°23	18°53	16°50	4°48	6°20	26°27	16°12	W23
T 24	6 10 41	1°43'33	12°23	18°36	0♐ 2	13°54	16°43	15°48	0°27	18°54	16°49	4°44	6°17	26°34	16°13	T 24
F 25	6 14 38	2°44'21	24°40	20° 3	0°10	14°31	16°45	15°45	0°30	18°56	16°48	4°42	6°14	26°40	16°15	F 25
S 26	6 18 35	3°45'10	7♌ 7	21°29	0°21	15° 8	16°46	15°42	0°33	18°58	16°47	4°D41	6°11	26°47	16°17	S 26
S 27	6 22 31	4°46'01	19°45	22°54	0°35	15°45	16°48	15°39	0°37	18°59	16°46	4°42	6° 8	26°54	16°19	S 27
M28	6 26 28	5°46'52	2♍37	24°17	0°50	16°22	16°49	15°36	0°40	19° 1	16°44	4°44	6° 4	27° 1	16°20	M28
T 29	6 30 24	6°47'45	15°44	25°40	1° 8	16°59	16°50	15°33	0°43	19° 3	16°43	4°46	6° 1	27° 7	16°22	T 29
W30	6 34 21	7°48'39	29° 8	27° 0	1°27	17°36	16°50	15°30	0°46	19° 5	16°42	4°47	5°58	27°14	16°24	W30
T 31	6 38 17	8♑49'34	12♎53	28♑19	1♐48	18♏14	16♍51	15♌26	0♐50	19♒ 7	16♋41	4°R47	5♌55	27♉21	16♓26	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s35	11n42	2n31	23s 9	0s52	24s 9	2s51	10s17	1n 2	6n32	0n50	16n 7	0n19	19s33	0n17	15s 6	0n 8	16n16	5s58	18n36	18n17	13n52	0s56	5n 1
W 2	21 44	7 29	3 29	23 26	0 58	23 48	2 36	10 31	1 2	6 30	0 50	16 7	0 19	19 34	0 17	15 6	0 8	16 17	5 58	18 36	18 18	13 54	0 56	5 0
T 3	21 53	2 45	4 17	23 42	1 4	23 27	2 21	10 44	1 1	6 29	0 50	16 7	0 19	19 35	0 17	15 6	0 8	16 17	5 58	18 36	18 18	13 55	0 56	5 0
F 4	22 1	2s16	4 50	23 57	1 10	23 6	2 5	10 57	1 1	6 27	0 50	16 7	0 19	19 36	0 17	15 5	0 8	16 17	5 58	18 37	18 19	13 57	0 56	4 59
S 5	22 9	7 18	5 5	24 10	1 16	22 45	1 50	11 10	1 1	6 25	0 51	16 8	0 19	19 37	0 17	15 5	0 8	16 17	5 58	18 39	18 20	13 59	0 56	4 59
S 6	22 17	12 0	5 0	24 22	1 22	22 23	1 34	11 23	1 1	6 23	0 51	16 8	0 19	19 37	0 17	15 5	0 7	16 17	5 58	18 41	18 21	14 1	0 56	4 59
M 7	22 24	16 0	4 34	24 33	1 27	22 2	1 19	11 36	1 0	6 21	0 51	16 9	0 19	19 38	0 17	15 4	0 7	16 17	5 58	18 43	18 22	14 3	0 56	4 58
T 8	22 31	18 54	3 49	24 43	1 33	21 41	1 4	11 49	1 0	6 20	0 51	16 9	0 19	19 39	0 17	15 4	0 7	16 17	5 58	18 45	18 22	14 5	0 57	4 58
W 9	22 37	20 28	2 48	24 51	1 38	21 21	0 48	12 1	1 0	6 18	0 52	16 10	0 20	19 40	0 17	15 4	0 7	16 17	5 58	18 46	18 23	14 6	0 57	4 58
T 10	22 43	20 35	1 36	24 58	1 43	21 1	0 33	12 14	1 0	6 17	0 52	16 10	0 20	19 41	0 16	15 3	0 7	16 17	5 58	18 47	18 24	14 8	0 57	4 57
F 11	22 48	19 21	0 21	25 4	1 47	20 41	0 18	12 26	0 59	6 15	0 52	16 11	0 20	19 41	0 16	15 3	0 7	16 17	5 58	18 47	18 25	14 10	0 57	4 57
S 12	22 53	16 58	0s54	25 9	1 52	20 22	0 4	12 39	0 59	6 14	0 52	16 11	0 20	19 42	0 16	15 2	0 7	16 17	5 58	18 47	18 26	14 12	0 57	4 57
S 13	22 57	13 45	2 3	25 12	1 56	20 4	0n11	12 51	0 59	6 13	0 53	16 12	0 20	19 43	0 16	15 2	0 7	16 18	5 58	18 47	18 26	14 14	0 57	4 56
M14	23 1	9 57	3 4	25 14	2 0	19 47	0 25	13 4	0 59	6 12	0 53	16 12	0 20	19 44	0 16	15 2	0 7	16 18	5 58	18 47	18 27	14 16	0 56	4 56
T 15	23 5	5 49	3 54	25 15	2 3	19 30	0 38	13 16	0 58	6 11	0 53	16 13	0 20	19 44	0 16	15 1	0 7	16 18	5 58	18 47	18 28	14 17	0 56	4 55
W16	23 8	1 33	4 32	25 14	2 7	19 15	0 51	13 28	0 58	6 9	0 53	16 14	0 21	19 45	0 16	15 1	0 7	16 18	5 58	18 47	18 29	14 19	0 56	4 55
T 17	23 11	2n42	4 57	25 12	2 10	19 0	1 4	13 40	0 58	6 8	0 54	16 15	0 21	19 46	0 16	15 0	0 7	16 18	5 58	18 48	18 30	14 21	0 56	4 55
F 18	23 13	6 48	5 9	25 8	2 13	18 46	1 17	13 52	0 57	6 8	0 54	16 15	0 21	19 47	0 16	15 0	0 7	16 18	5 58	18 49	18 30	14 23	0 56	4 54
S 19	23 15	10 36	5 7	25 4	2 15	18 33	1 28	14 4	0 57	6 7	0 54	16 16	0 21	19 47	0 16	14 59	0 7	16 18	5 58	18 50	18 31	14 25	0 56	4 54
S 20	23 16	14 0	4 53	24 58	2 17	18 22	1 40	14 15	0 57	6 6	0 54	16 17	0 21	19 48	0 16	14 59	0 7	16 18	5 58	18 52	18 32	14 27	0 56	4 54
M21	23 17	16 51	4 25	24 50	2 19	18 11	1 51	14 27	0 57	6 5	0 55	16 18	0 21	19 49	0 16	14 58	0 7	16 19	5 58	18 54	18 33	14 28	0 55	4 53
T 22	23 17	19 1	3 46	24 41	2 20	18 1	2 1	14 39	0 56	6 5	0 55	16 19	0 21	19 49	0 16	14 58	0 7	16 19	5 58	18 55	18 33	14 30	0 55	4 53
W23	23 17	20 20	2 57	24 31	2 21	17 52	2 11	14 50	0 56	6 4	0 55	16 20	0 21	19 50	0 16	14 57	0 7	16 19	5 58	18 57	18 34	14 32	0 55	4 53
T 24	23 17	20 45	1 59	24 20	2 21	17 44	2 21	15 1	0 56	6 4	0 55	16 21	0 22	19 51	0 16	14 57	0 7	16 19	5 58	18 58	18 35	14 34	0 54	4 52
F 25	23 16	20 10	0 55	24 8	2 21	17 37	2 30	15 13	0 55	6 3	0 56	16 22	0 22	19 52	0 16	14 56	0 7	16 19	5 58	18 58	18 36	14 36	0 54	4 52
S 26	23 14	18 35	0n13	23 54	2 20	17 31	2 39	15 24	0 55	6 3	0 56	16 23	0 22	19 52	0 16	14 56	0 7	16 19	5 58	18 58	18 37	14 37	0 54	4 52
S 27	23 12	16 5	1 22	23 39	2 19	17 25	2 47	15 35	0 55	6 3	0 56	16 24	0 22	19 53	0 16	14 55	0 7	16 19	5 58	18 58	18 37	14 39	0 53	4 51
M28	23 10	12 46	2 27	23 23	2 17	17 21	2 54	15 46	0 54	6 2	0 56	16 25	0 22	19 54	0 16	14 55	0 7	16 20	5 58	18 58	18 38	14 41	0 53	4 51
T 29	23 7	8 46	3 26	23 5	2 15	17 17	3 2	15 56	0 54	6 2	0 57	16 26	0 22	19 54	0 16	14 54	0 7	16 20	5 58	18 57	18 39	14 43	0 53	4 51
W30	23 4	4 15	4 16	22 47	2 12	17 15	3 8	16 7	0 54	6 2	0 57	16 27	0 22	19 55	0 16	14 54	0 7	16 20	5 58	18 57	18 40	14 45	0 52	4 50
T 31	23s 0	0s34	4n52	22s27	2s 8	17s12	3n15	16s18	0n53	6n 2	0n57	16n28	0n22	19s56	0n16	14s53	0n 7	16n20	5s58	18n57	18n41	14n46	0s52	4n50

Julian Day Number = 2873003.5, Delta T = 01h12m49s
Ecliptic obliquity = 23°17'18, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°53'58, Lahiri = 40°00'58

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ASTRODIENST EPHEMERIS for the year 3154
geocentric

JANUARY 3154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 42 14	9♑50'30	26♎57	29♑36	2♐12	18♏51	16♍51	15°R23	0♐53	19♒ 8	16°R40	4°R46	5♌52	27♉27	16♓28	F 1
S 2	6 46 10	10°51'27	11♏20	0♒50	2°37	19°28	16°R51	15♌19	0°56	19°10	16♋38	4♌44	5°48	27°34	16°31	S 2
S 3	6 50 7	11°52'26	26° 0	2° 0	3° 4	20° 5	16°51	15°16	0°59	19°12	16°37	4°41	5°45	27°41	16°33	S 3
M 4	6 54 4	12°53'25	10♐49	3° 8	3°32	20°42	16°51	15°12	1° 2	19°14	16°36	4°38	5°42	27°48	16°35	M 4
T 5	6 58 0	13°54'26	25°43	4°11	4° 2	21°19	16°50	15° 8	1° 5	19°16	16°35	4°35	5°39	27°54	16°37	T 5
W 6	7 1 57	14°55'27	10♑31	5°10	4°34	21°56	16°50	15° 4	1° 8	19°18	16°34	4°33	5°36	28° 1	16°40	W 6
T 7	7 5 53	15°56'29	25° 7	6° 3	5° 7	22°33	16°49	15° 0	1°11	19°20	16°33	4°32	5°33	28° 8	16°42	T 7
F 8	7 9 50	16°57'31	9♒24	6°50	5°42	23°10	16°48	14°56	1°14	19°22	16°31	4°D31	5°29	28°14	16°44	F 8
S 9	7 13 46	17°58'34	23°17	7°30	6°18	23°47	16°46	14°52	1°17	19°24	16°30	4°32	5°26	28°21	16°47	S 9
S 10	7 17 43	18°59'37	6♓45	8° 2	6°56	24°24	16°45	14°48	1°20	19°26	16°29	4°33	5°23	28°28	16°49	S 10
M11	7 21 39	20° 0'41	19°48	8°26	7°34	25° 1	16°43	14°44	1°22	19°28	16°28	4°35	5°20	28°35	16°52	M11
T 12	7 25 36	21° 1'44	2♈29	8°39	8°14	25°38	16°41	14°40	1°25	19°30	16°27	4°36	5°17	28°41	16°55	T 12
W13	7 29 33	22° 2'48	14°51	8°R43	8°55	26°14	16°39	14°35	1°28	19°32	16°25	4°36	5°14	28°48	16°57	W13
T 14	7 33 29	23° 3'52	26°59	8°35	9°37	26°51	16°37	14°31	1°31	19°34	16°24	4°R37	5°10	28°55	17° 0	T 14
F 15	7 37 26	24° 4'56	8♉56	8°15	10°21	27°28	16°35	14°27	1°33	19°36	16°23	4°36	5° 7	29° 1	17° 3	F 15
S 16	7 41 22	25° 6'00	20°49	7°43	11° 5	28° 5	16°32	14°22	1°36	19°38	16°22	4°35	5° 4	29° 8	17° 6	S 16
S 17	7 45 19	26° 7'04	2♊40	7° 0	11°50	28°42	16°29	14°18	1°39	19°40	16°21	4°34	5° 1	29°15	17° 8	S 17
M18	7 49 15	27° 8'08	14°35	6° 6	12°37	29°18	16°26	14°13	1°41	19°42	16°19	4°33	4°58	29°21	17°11	M18
T 19	7 53 12	28° 9'12	26°35	5° 2	13°24	29°55	16°23	14° 8	1°44	19°45	16°18	4°32	4°54	29°28	17°14	T 19
W20	7 57 8	29°10'17	8♋45	3°50	14°12	0♐32	16°20	14° 4	1°46	19°47	16°17	4°31	4°51	29°35	17°17	W20
T 21	8 1 5	0♒11'21	21° 6	2°33	15° 1	1° 8	16°16	13°59	1°48	19°49	16°16	4°31	4°48	29°42	17°20	T 21
F 22	8 5 2	1°12'25	3♌40	1°12	15°51	1°45	16°12	13°54	1°51	19°51	16°15	4°D31	4°45	29°48	17°23	F 22
S 23	8 8 58	2°13'30	16°26	29♑51	16°42	2°22	16° 8	13°50	1°53	19°53	16°14	4°31	4°42	29°55	17°26	S 23
S 24	8 12 55	3°14'34	29°26	28°32	17°33	2°58	16° 4	13°45	1°55	19°56	16°13	4°31	4°39	0♊ 2	17°29	S 24
M25	8 16 51	4°15'39	12♍39	27°17	18°25	3°35	16° 0	13°40	1°58	19°58	16°11	4°R31	4°35	0° 8	17°33	M25
T 26	8 20 48	5°16'43	26° 5	26° 8	19°18	4°11	15°56	13°35	2° 0	20° 0	16°10	4°31	4°32	0°15	17°36	T 26
W27	8 24 44	6°17'48	9♎44	25° 8	20°12	4°48	15°51	13°30	2° 2	20° 2	16° 9	4°31	4°29	0°22	17°39	W27
T 28	8 28 41	7°18'53	23°34	24°17	21° 6	5°24	15°46	13°25	2° 4	20° 4	16° 8	4°31	4°26	0°29	17°42	T 28
F 29	8 32 37	8°19'58	7♏35	23°35	22° 1	6° 1	15°41	13°21	2° 6	20° 7	16° 7	4°D30	4°23	0°35	17°45	F 29
S 30	8 36 34	9°21'03	21°46	23° 4	22°56	6°37	15°36	13°16	2° 8	20° 9	16° 6	4°31	4°20	0°42	17°49	S 30
S 31	8 40 31	10♒22'09	6♐ 4	22♑42	23♐53	7♐14	15♍31	13♌11	2♐10	20♒11	16♋ 5	4♌31	4♌16	0♊49	17♓52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s56	5s28	5n11	22s 7	2s 3	17s11	3n21	16s28	0n53	6n 2	0n57	16n29	0n23	19s56	0n16	14s53	0n 7	16n20	5s58	18n57	18n41	14n48	0s51	4n50
S 2	22 51	10 11	5 12	21 46	1 58	17 10	3 27	16 38	0 53	6 3	0 58	16 30	0 23	19 57	0 16	14 52	0 7	16 20	5 58	18 58	18 42	14 50	0 51	4 49
S 3	22 46	14 23	4 53	21 24	1 52	17 10	3 32	16 49	0 52	6 3	0 58	16 31	0 23	19 57	0 16	14 51	0 7	16 21	5 58	18 58	18 43	14 52	0 50	4 49
M 4	22 40	17 44	4 14	21 2	1 45	17 11	3 37	16 59	0 52	6 3	0 58	16 33	0 23	19 58	0 16	14 51	0 7	16 21	5 58	18 59	18 44	14 53	0 50	4 49
T 5	22 34	19 55	3 18	20 39	1 36	17 12	3 41	17 9	0 52	6 4	0 58	16 34	0 23	19 59	0 16	14 50	0 7	16 21	5 58	19 0	18 44	14 55	0 49	4 48
W 6	22 28	20 44	2 9	20 16	1 27	17 14	3 45	17 19	0 51	6 4	0 59	16 35	0 23	19 59	0 16	14 50	0 7	16 21	5 58	19 0	18 45	14 57	0 48	4 48
T 7	22 21	20 8	0 52	19 53	1 17	17 16	3 49	17 28	0 51	6 5	0 59	16 36	0 23	20 0	0 16	14 49	0 7	16 21	5 57	19 1	18 46	14 59	0 48	4 48
F 8	22 13	18 13	0s27	19 30	1 6	17 18	3 52	17 38	0 50	6 5	0 59	16 38	0 24	20 1	0 16	14 49	0 7	16 22	5 57	19 1	18 47	15 1	0 47	4 47
S 9	22 5	15 17	1 42	19 8	0 53	17 21	3 56	17 47	0 50	6 6	0 59	16 39	0 24	20 1	0 16	14 48	0 7	16 22	5 57	19 0	18 47	15 2	0 46	4 47
S 10	21 57	11 36	2 49	18 47	0 39	17 25	3 58	17 57	0 50	6 7	1 0	16 40	0 24	20 2	0 16	14 47	0 7	16 22	5 57	19 0	18 48	15 4	0 46	4 47
M11	21 48	7 28	3 45	18 26	0 24	17 28	4 1	18 6	0 49	6 8	1 0	16 42	0 24	20 2	0 16	14 47	0 7	16 22	5 57	19 0	18 49	15 6	0 45	4 46
T 12	21 39	3 8	4 28	18 7	0 8	17 32	4 3	18 15	0 49	6 9	1 0	16 43	0 24	20 3	0 16	14 46	0 7	16 22	5 57	19 0	18 50	15 8	0 44	4 46
W13	21 30	1n14	4 58	17 50	0n 9	17 37	4 5	18 24	0 48	6 10	1 0	16 44	0 24	20 3	0 16	14 45	0 7	16 23	5 57	18 59	18 51	15 9	0 44	4 46
T 14	21 20	5 27	5 14	17 35	0 27	17 41	4 7	18 33	0 48	6 11	1 1	16 46	0 24	20 4	0 16	14 45	0 7	16 23	5 57	18 59	18 51	15 11	0 43	4 46
F 15	21 10	9 24	5 16	17 21	0 45	17 46	4 8	18 42	0 48	6 12	1 1	16 47	0 24	20 4	0 16	14 44	0 7	16 23	5 57	18 59	18 52	15 13	0 42	4 45
S 16	20 59	12 57	5 4	17 11	1 5	17 51	4 9	18 50	0 47	6 13	1 1	16 48	0 24	20 5	0 16	14 44	0 7	16 23	5 57	19 0	18 53	15 15	0 41	4 45
S 17	20 48	15 59	4 40	17 3	1 24	17 56	4 10	18 59	0 47	6 15	1 1	16 50	0 25	20 5	0 16	14 43	0 7	16 23	5 57	19 0	18 54	15 17	0 40	4 45
M18	20 36	18 23	4 3	16 58	1 43	18 1	4 11	19 7	0 46	6 16	1 2	16 51	0 25	20 6	0 16	14 42	0 7	16 24	5 57	19 0	18 54	15 18	0 39	4 44
T 19	20 24	20 0	3 15	16 55	2 1	18 6	4 11	19 15	0 46	6 17	1 2	16 53	0 25	20 6	0 16	14 42	0 7	16 24	5 57	19 0	18 55	15 20	0 39	4 44
W20	20 12	20 42	2 18	16 55	2 19	18 12	4 12	19 24	0 45	6 19	1 2	16 54	0 25	20 7	0 16	14 41	0 7	16 24	5 57	19 1	18 56	15 22	0 38	4 44
T 21	19 59	20 26	1 14	16 58	2 34	18 17	4 12	19 31	0 45	6 21	1 2	16 56	0 25	20 7	0 16	14 40	0 7	16 24	5 57	19 1	18 57	15 24	0 37	4 44
F 22	19 46	19 8	0 5	17 2	2 48	18 22	4 11	19 39	0 45	6 22	1 3	16 57	0 25	20 8	0 16	14 40	0 7	16 24	5 56	19 1	18 57	15 25	0 36	4 43
S 23	19 32	16 51	1n 6	17 8	2 59	18 28	4 11	19 47	0 44	6 24	1 3	16 59	0 25	20 8	0 16	14 39	0 7	16 25	5 56	19 1	18 58	15 27	0 35	4 43
S 24	19 19	13 41	2 14	17 15	3 8	18 33	4 10	19 54	0 44	6 26	1 3	17 0	0 25	20 9	0 16	14 38	0 7	16 25	5 56	19 1	18 59	15 29	0 34	4 43
M25	19 4	9 48	3 16	17 23	3 15	18 39	4 10	20 2	0 43	6 28	1 3	17 2	0 26	20 9	0 16	14 38	0 7	16 25	5 56	19 1	19 0	15 30	0 33	4 43
T 26	18 50	5 21	4 9	17 32	3 18	18 44	4 9	20 9	0 43	6 30	1 3	17 3	0 26	20 10	0 17	14 37	0 7	16 25	5 56	19 1	19 0	15 32	0 32	4 42
W27	18 35	0 36	4 48	17 42	3 20	18 49	4 7	20 16	0 42	6 32	1 4	17 5	0 26	20 10	0 17	14 36	0 7	16 26	5 56	19 1	19 1	15 34	0 31	4 42
T 28	18 20	4s16	5 12	17 52	3 19	18 54	4 6	20 23	0 42	6 34	1 4	17 6	0 26	20 11	0 17	14 35	0 7	16 26	5 56	19 1	19 2	15 36	0 30	4 42
F 29	18 4	8 57	5 17	18 1	3 16	18 59	4 5	20 30	0 41	6 36	1 4	17 8	0 26	20 11	0 17	14 35	0 7	16 26	5 56	19 1	19 3	15 37	0 29	4 42
S 30	17 48	13 12	5 3	18 11	3 12	19 3	4 3	20 37	0 41	6 38	1 4	17 9	0 26	20 11	0 17	14 34	0 7	16 26	5 56	19 1	19 3	15 39	0 28	4 41
S 31	17s32	16s44	4n31	18s20	3n 6	19s 8	4n 1	20s43	0n40	6n40	1n 5	17n11	0n26	20s12	0n17	14s33	0n 7	16n26	5s56	19n 1	19n 4	15n41	0s27	4n41

Julian Day Number = 2873034.5, Delta T = 01h12m50s
Ecliptic obliquity = 23°17'18, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°54'02, Lahiri = 40°01'02

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3154
geocentric

FEBRUARY 3154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 44 27	11♒23'14	20♐27	22°R30	24♐49	7♐50	15°R25	13°R 6	2♐12	20♒13	16°R 4	4♌32	4♌13	0♊55	17♓56	M 1
T 2	8 48 24	12°24'20	4♑51	22°D26	25°46	8°26	15♍20	13♌ 1	2°14	20°16	16♋ 3	4°32	4°10	1° 2	17°59	T 2
W 3	8 52 20	13°25'25	19°11	22♑32	26°44	9° 3	15°14	12°56	2°16	20°18	16° 2	4°33	4° 7	1° 9	18° 2	W 3
T 4	8 56 17	14°26'30	3♒23	22°45	27°42	9°39	15° 8	12°51	2°17	20°20	16° 1	4°R33	4° 4	1°16	18° 6	T 4
F 5	9 0 13	15°27'35	17°22	23° 5	28°41	10°15	15° 2	12°46	2°19	20°22	16° 0	4°33	4° 0	1°22	18° 9	F 5
S 6	9 4 10	16°28'39	1♓ 5	23°32	29°40	10°51	14°56	12°41	2°21	20°25	15°59	4°32	3°57	1°29	18°13	S 6
S 7	9 8 6	17°29'42	14°29	24° 4	0♑40	11°28	14°50	12°36	2°22	20°27	15°58	4°30	3°54	1°36	18°17	S 7
M 8	9 12 3	18°30'45	27°32	24°43	1°40	12° 4	14°43	12°31	2°24	20°29	15°57	4°28	3°51	1°42	18°20	M 8
T 9	9 16 0	19°31'47	10♈15	25°25	2°40	12°40	14°37	12°26	2°26	20°32	15°56	4°26	3°48	1°49	18°24	T 9
W10	9 19 56	20°32'48	22°40	26°13	3°41	13°16	14°30	12°22	2°27	20°34	15°55	4°24	3°45	1°56	18°27	W10
T 11	9 23 53	21°33'49	4♉51	27° 4	4°42	13°52	14°24	12°17	2°28	20°36	15°54	4°23	3°41	2° 2	18°31	T 11
F 12	9 27 49	22°34'48	16°50	27°59	5°44	14°28	14°17	12°12	2°30	20°38	15°53	4°22	3°38	2° 9	18°35	F 12
S 13	9 31 46	23°35'47	28°43	28°57	6°46	15° 4	14°10	12° 7	2°31	20°41	15°52	4°D22	3°35	2°16	18°38	S 13
S 14	9 35 42	24°36'44	10♊34	29°58	7°48	15°40	14° 3	12° 2	2°32	20°43	15°51	4°23	3°32	2°23	18°42	S 14
M15	9 39 39	25°37'41	22°29	1♒ 2	8°51	16°16	13°55	11°58	2°33	20°45	15°50	4°24	3°29	2°29	18°46	M15
T 16	9 43 35	26°38'37	4♋31	2° 8	9°54	16°51	13°48	11°53	2°35	20°47	15°49	4°26	3°26	2°36	18°50	T 16
W17	9 47 32	27°39'31	16°46	3°16	10°57	17°27	13°41	11°48	2°36	20°50	15°48	4°27	3°22	2°43	18°54	W17
T 18	9 51 29	28°40'25	29°16	4°27	12° 1	18° 3	13°33	11°44	2°37	20°52	15°47	4°R28	3°19	2°49	18°57	T 18
F 19	9 55 25	29°41'17	12♌ 3	5°39	13° 4	18°39	13°26	11°39	2°38	20°54	15°47	4°28	3°16	2°56	19° 1	F 19
S 20	9 59 22	0♓42'08	25° 9	6°53	14° 9	19°14	13°18	11°35	2°39	20°56	15°46	4°27	3°13	3° 3	19° 5	S 20
S 21	10 3 18	1°42'59	8♍34	8° 9	15°13	19°50	13°11	11°30	2°39	20°59	15°45	4°24	3°10	3°10	19° 9	S 21
M22	10 7 15	2°43'48	22°14	9°26	16°18	20°25	13° 3	11°26	2°40	21° 1	15°44	4°20	3° 6	3°16	19°13	M22
T 23	10 11 11	3°44'36	6♎ 9	10°44	17°23	21° 1	12°55	11°21	2°41	21° 3	15°43	4°15	3° 3	3°23	19°17	T 23
W24	10 15 8	4°45'24	20°13	12° 4	18°28	21°36	12°48	11°17	2°42	21° 5	15°43	4°11	3° 0	3°30	19°21	W24
T 25	10 19 4	5°46'10	4♏23	13°25	19°33	22°12	12°40	11°13	2°42	21° 8	15°42	4° 7	2°57	3°36	19°24	T 25
F 26	10 23 1	6°46'56	18°36	14°48	20°39	22°47	12°32	11° 8	2°43	21°10	15°41	4° 4	2°54	3°43	19°28	F 26
S 27	10 26 58	7°47'41	2♐47	16°11	21°45	23°22	12°24	11° 4	2°43	21°12	15°41	4°D 2	2°51	3°50	19°32	S 27
S 28	10 30 54	8♓48'26	16♐56	17♒35	22♑51	23♐58	12♍16	11♌ 0	2♐44	21♒14	15♋40	4♌ 3	2♌47	3♊56	19♓36	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s15	19s16	3n41	18s29	2n58	19s12	3n59	20s50	0n39	6n42	1n 5	17n12	0n26	20s12	0n17	14s33	0n 7	16n27	5s55	19n 1	19n 5	15n43	0s26	4n41
T 2	16 58	20 35	2 37	18 38	2 50	19 16	3 57	20 56	0 39	6 45	1 5	17 14	0 26	20 12	0 17	14 32	0 7	16 27	5 55	19 0	19 6	15 44	0 25	4 41
W 3	16 41	20 32	1 24	18 46	2 41	19 20	3 55	21 2	0 38	6 47	1 5	17 15	0 27	20 13	0 17	14 31	0 7	16 27	5 55	19 0	19 6	15 46	0 23	4 40
T 4	16 24	19 10	0 6	18 53	2 32	19 24	3 52	21 8	0 38	6 50	1 5	17 17	0 27	20 13	0 17	14 31	0 7	16 27	5 55	19 0	19 7	15 48	0 22	4 40
F 5	16 6	16 39	1s10	19 0	2 22	19 27	3 50	21 14	0 37	6 52	1 6	17 18	0 27	20 13	0 17	14 30	0 7	16 28	5 55	19 0	19 8	15 49	0 21	4 40
S 6	15 48	13 14	2 22	19 5	2 12	19 30	3 47	21 20	0 37	6 55	1 6	17 19	0 27	20 14	0 17	14 29	0 7	16 28	5 55	19 0	19 9	15 51	0 20	4 40
S 7	15 30	9 12	3 23	19 10	2 1	19 33	3 45	21 25	0 36	6 57	1 6	17 21	0 27	20 14	0 17	14 28	0 7	16 28	5 55	19 1	19 9	15 53	0 19	4 40
M 8	15 11	4 51	4 13	19 14	1 51	19 35	3 42	21 31	0 35	7 0	1 6	17 22	0 27	20 14	0 17	14 28	0 7	16 28	5 55	19 1	19 10	15 55	0 18	4 39
T 9	14 52	0 23	4 48	19 17	1 40	19 37	3 39	21 36	0 35	7 3	1 6	17 24	0 27	20 15	0 17	14 27	0 7	16 29	5 55	19 2	19 11	15 56	0 16	4 39
W10	14 33	3n58	5 9	19 18	1 30	19 39	3 36	21 41	0 34	7 5	1 7	17 25	0 27	20 15	0 17	14 26	0 7	16 29	5 54	19 2	19 12	15 58	0 15	4 39
T 11	14 14	8 5	5 16	19 19	1 19	19 40	3 32	21 46	0 34	7 8	1 7	17 27	0 27	20 15	0 17	14 26	0 7	16 29	5 54	19 3	19 12	16 0	0 14	4 39
F 12	13 54	11 49	5 8	19 19	1 9	19 41	3 29	21 51	0 33	7 11	1 7	17 28	0 27	20 15	0 17	14 25	0 7	16 29	5 54	19 3	19 13	16 1	0 13	4 39
S 13	13 34	15 4	4 48	19 17	0 58	19 41	3 26	21 55	0 32	7 14	1 7	17 30	0 28	20 16	0 17	14 24	0 7	16 30	5 54	19 3	19 14	16 3	0 11	4 38
S 14	13 14	17 41	4 15	19 15	0 48	19 42	3 22	22 0	0 32	7 16	1 7	17 31	0 28	20 16	0 17	14 24	0 7	16 30	5 54	19 3	19 15	16 5	0 10	4 38
M15	12 54	19 34	3 31	19 11	0 38	19 41	3 19	22 4	0 31	7 19	1 7	17 32	0 28	20 16	0 17	14 23	0 7	16 30	5 54	19 2	19 15	16 7	0 9	4 38
T 16	12 33	20 35	2 38	19 6	0 28	19 41	3 15	22 8	0 30	7 22	1 8	17 34	0 28	20 16	0 17	14 22	0 7	16 30	5 54	19 2	19 16	16 8	0 7	4 38
W17	12 13	20 39	1 36	19 0	0 19	19 39	3 12	22 12	0 30	7 25	1 8	17 35	0 28	20 17	0 17	14 21	0 7	16 30	5 53	19 2	19 17	16 10	0 6	4 38
T 18	11 52	19 43	0 29	18 52	0 10	19 38	3 8	22 16	0 29	7 28	1 8	17 37	0 28	20 17	0 17	14 21	0 7	16 31	5 53	19 1	19 17	16 12	0 5	4 38
F 19	11 31	17 44	0n42	18 44	0 0	19 36	3 4	22 20	0 28	7 31	1 8	17 38	0 28	20 17	0 17	14 20	0 7	16 31	5 53	19 1	19 18	16 13	0 3	4 37
S 20	11 9	14 48	1 51	18 34	0s 8	19 34	3 0	22 24	0 28	7 34	1 8	17 39	0 28	20 17	0 17	14 19	0 7	16 31	5 53	19 2	19 19	16 15	0 2	4 37
S 21	10 48	11 2	2 56	18 23	0 17	19 31	2 56	22 27	0 27	7 37	1 8	17 41	0 28	20 17	0 17	14 19	0 7	16 31	5 53	19 2	19 20	16 17	0 1	4 37
M22	10 26	6 37	3 52	18 11	0 25	19 27	2 52	22 31	0 26	7 40	1 8	17 42	0 28	20 17	0 17	14 18	0 7	16 32	5 53	19 3	19 20	16 18	0n 1	4 37
T 23	10 4	1 48	4 36	17 58	0 33	19 23	2 48	22 34	0 25	7 43	1 9	17 43	0 28	20 18	0 17	14 17	0 7	16 32	5 53	19 4	19 21	16 20	0 2	4 37
W24	9 42	3s10	5 3	17 43	0 41	19 19	2 44	22 37	0 25	7 46	1 9	17 44	0 28	20 18	0 17	14 16	0 7	16 32	5 52	19 6	19 22	16 22	0 3	4 37
T 25	9 20	8 0	5 12	17 28	0 49	19 14	2 40	22 40	0 24	7 50	1 9	17 46	0 29	20 18	0 17	14 16	0 7	16 32	5 52	19 6	19 23	16 23	0 5	4 37
F 26	8 58	12 24	5 2	17 11	0 56	19 9	2 35	22 42	0 23	7 53	1 9	17 47	0 29	20 18	0 17	14 15	0 7	16 33	5 52	19 7	19 23	16 25	0 6	4 36
S 27	8 36	16 6	4 34	16 53	1 3	19 3	2 31	22 45	0 22	7 56	1 9	17 48	0 29	20 18	0 17	14 14	0 7	16 33	5 52	19 7	19 24	16 27	0 8	4 36
S 28	8s13	18s51	3n49	16s34	1s 9	18s57	2n27	22s48	0n22	7n59	1n 9	17n49	0n29	20s18	0n17	14s14	0n 7	16n33	5s52	19n 7	19n25	16n28	0n 9	4n36

Julian Day Number = 2873065.5, Delta T = 01h12m51s
Ecliptic obliquity = 23°17'19, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°54'06, Lahiri = 40°01'07

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ASTRODIENST EPHEMERIS for the year 3154
geocentric

MARCH 3154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 34 51	9♓49'09	1♉ 1	19♒ 1	23♉57	24♐33	12°R 8	10°R56	2♐44	21♒16	15°R39	4♌ 4	2♌44	4♊ 3	19♓40	M 1
T 2	10 38 47	10°49'51	14°59	20°28	25° 4	25° 8	12♍ 0	10♌52	2°45	21°19	15♋39	4° 5	2°41	4°10	19°44	T 2
W 3	10 42 44	11°50'33	28°51	21°55	26°11	25°43	11°52	10°48	2°45	21°21	15°38	4°R 6	2°38	4°17	19°48	W 3
T 4	10 46 40	12°51'13	12♒34	23°24	27°18	26°18	11°44	10°45	2°45	21°23	15°37	4° 6	2°35	4°23	19°52	T 4
F 5	10 50 37	13°51'52	26° 7	24°53	28°25	26°53	11°36	10°41	2°46	21°25	15°37	4° 4	2°31	4°30	19°56	F 5
S 6	10 54 33	14°52'30	9♓29	26°24	29°32	27°28	11°28	10°37	2°46	21°27	15°36	4° 0	2°28	4°37	20° 0	S 6
S 7	10 58 30	15°53'06	22°36	27°55	0♒40	28° 3	11°21	10°34	2°46	21°29	15°36	3°54	2°25	4°43	20° 4	S 7
M 8	11 2 27	16°53'41	5♈29	29°27	1°47	28°38	11°13	10°30	2°R46	21°31	15°35	3°46	2°22	4°50	20° 8	M 8
T 9	11 6 23	17°54'15	18° 7	1♓ 0	2°55	29°12	11° 5	10°27	2°46	21°34	15°35	3°38	2°19	4°57	20°12	T 9
W10	11 10 20	18°54'46	0♉29	2°34	4° 3	29°47	10°57	10°23	2°46	21°36	15°34	3°30	2°16	5° 3	20°16	W10
T 11	11 14 16	19°55'17	12°39	4° 9	5°11	0♉22	10°49	10°20	2°46	21°38	15°34	3°22	2°12	5°10	20°20	T 11
F 12	11 18 13	20°55'45	24°38	5°45	6°19	0°56	10°41	10°17	2°45	21°40	15°34	3°17	2° 9	5°17	20°24	F 12
S 13	11 22 9	21°56'12	6♊31	7°22	7°27	1°31	10°34	10°14	2°45	21°42	15°33	3°13	2° 6	5°24	20°28	S 13
S 14	11 26 6	22°56'37	18°21	9° 0	8°36	2° 5	10°26	10°11	2°45	21°44	15°33	3°D12	2° 3	5°30	20°32	S 14
M15	11 30 2	23°57'00	0♋14	10°39	9°45	2°39	10°19	10° 8	2°44	21°46	15°32	3°12	2° 0	5°37	20°36	M15
T 16	11 33 59	24°57'22	12°15	12°19	10°53	3°14	10°11	10° 5	2°44	21°48	15°32	3°13	1°57	5°44	20°40	T 16
W17	11 37 55	25°57'41	24°30	14° 0	12° 2	3°48	10° 4	10° 3	2°44	21°50	15°32	3°14	1°53	5°50	20°44	W17
T 18	11 41 52	26°57'59	7♌ 2	15°41	13°11	4°22	9°56	10° 0	2°43	21°52	15°31	3°R14	1°50	5°57	20°48	T 18
F 19	11 45 49	27°58'14	19°56	17°24	14°20	4°56	9°49	9°58	2°43	21°54	15°31	3°13	1°47	6° 4	20°52	F 19
S 20	11 49 45	28°58'28	3♍14	19° 8	15°30	5°30	9°42	9°55	2°42	21°56	15°31	3° 9	1°44	6°10	20°56	S 20
S 21	11 53 42	29°58'40	16°57	20°53	16°39	6° 3	9°35	9°53	2°41	21°57	15°31	3° 3	1°41	6°17	21° 0	S 21
M22	11 57 38	0♈58'50	1♎ 2	22°39	17°48	6°37	9°28	9°51	2°40	21°59	15°31	2°55	1°37	6°24	21° 4	M22
T 23	12 1 35	1°58'58	15°24	24°26	18°58	7°11	9°21	9°49	2°40	22° 1	15°30	2°45	1°34	6°31	21° 8	T 23
W24	12 5 31	2°59'05	29°58	26°14	20° 7	7°45	9°14	9°47	2°39	22° 3	15°30	2°35	1°31	6°37	21°12	W24
T 25	12 9 28	3°59'10	14♏36	28° 3	21°17	8°18	9° 8	9°45	2°38	22° 5	15°30	2°26	1°28	6°44	21°16	T 25
F 26	12 13 24	4°59'14	29°11	29°53	22°27	8°51	9° 1	9°43	2°37	22° 7	15°30	2°20	1°25	6°51	21°20	F 26
S 27	12 17 21	5°59'16	13♐38	1♈44	23°37	9°25	8°55	9°41	2°36	22° 8	15°30	2°15	1°22	6°57	21°24	S 27
S 28	12 21 18	6°59'17	27°52	3°37	24°47	9°58	8°48	9°40	2°35	22°10	15°30	2°13	1°18	7° 4	21°27	S 28
M29	12 25 14	7°59'16	11♑53	5°30	25°57	10°31	8°42	9°38	2°34	22°12	15°30	2°D13	1°15	7°11	21°31	M29
T 30	12 29 11	8°59'14	25°39	7°24	27° 7	11° 4	8°36	9°37	2°33	22°14	15°D30	2°R13	1°12	7°17	21°35	T 30
W31	12 33 7	9♈59'10	9♒12	9♈20	28♒18	11♑37	8♍30	9♌36	2♐32	22♒15	15♋30	2♌13	1♌ 9	7♊24	21♓39	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s50	20s27	2n51	16s14	1s16	18s50	2n23	22s50	0n21	8n 2	1n 9	17n50	0n29	20s18	0n17	14s13	0n 7	16n33	5s52	19n 7	19n25	16n30	0n10	4n36
T 2	7 28	20 45	1 42	15 52	1 22	18 43	2 18	22 52	0 20	8 5	1 9	17 52	0 29	20 18	0 17	14 12	0 7	16 33	5 51	19 7	19 26	16 32	0 12	4 36
W 3	7 5	19 48	0 29	15 30	1 27	18 35	2 14	22 54	0 19	8 8	1 9	17 53	0 29	20 18	0 17	14 12	0 6	16 34	5 51	19 7	19 27	16 33	0 13	4 36
T 4	6 42	17 40	0s46	15 6	1 33	18 27	2 9	22 56	0 18	8 11	1 9	17 54	0 29	20 18	0 17	14 11	0 6	16 34	5 51	19 7	19 28	16 35	0 15	4 36
F 5	6 18	14 34	1 57	14 41	1 38	18 19	2 5	22 58	0 17	8 14	1 10	17 55	0 29	20 18	0 17	14 10	0 6	16 34	5 51	19 7	19 28	16 37	0 16	4 36
S 6	5 55	10 45	3 0	14 15	1 43	18 9	2 0	22 59	0 17	8 17	1 10	17 56	0 29	20 18	0 17	14 10	0 6	16 34	5 51	19 8	19 29	16 38	0 18	4 36
S 7	5 32	6 29	3 52	13 48	1 47	18 0	1 56	23 1	0 16	8 20	1 10	17 57	0 29	20 18	0 17	14 9	0 6	16 35	5 51	19 9	19 30	16 40	0 19	4 36
M 8	5 9	2 0	4 32	13 20	1 51	17 49	1 51	23 2	0 15	8 23	1 10	17 58	0 29	20 18	0 17	14 8	0 6	16 35	5 50	19 11	19 31	16 42	0 21	4 35
T 9	4 45	2n29	4 57	12 50	1 55	17 39	1 47	23 3	0 14	8 27	1 10	17 59	0 29	20 18	0 17	14 8	0 6	16 35	5 50	19 13	19 31	16 43	0 22	4 35
W10	4 22	6 46	5 8	12 20	1 58	17 28	1 43	23 4	0 13	8 30	1 10	18 0	0 30	20 18	0 17	14 7	0 6	16 35	5 50	19 15	19 32	16 45	0 24	4 35
T 11	3 58	10 42	5 4	11 48	2 1	17 16	1 38	23 5	0 12	8 32	1 10	18 1	0 30	20 18	0 17	14 6	0 6	16 36	5 50	19 17	19 33	16 46	0 25	4 35
F 12	3 34	14 10	4 47	11 16	2 4	17 4	1 33	23 6	0 11	8 35	1 10	18 2	0 30	20 18	0 17	14 6	0 6	16 36	5 50	19 18	19 33	16 48	0 27	4 35
S 13	3 11	17 1	4 18	10 42	2 6	16 51	1 29	23 7	0 10	8 38	1 10	18 3	0 30	20 18	0 17	14 5	0 6	16 36	5 50	19 19	19 34	16 50	0 28	4 35
S 14	2 47	19 10	3 38	10 7	2 8	16 38	1 25	23 7	0 9	8 41	1 10	18 4	0 30	20 18	0 17	14 4	0 6	16 36	5 49	19 19	19 35	16 51	0 30	4 35
M15	2 23	20 29	2 48	9 31	2 9	16 25	1 20	23 8	0 8	8 44	1 10	18 4	0 30	20 18	0 17	14 4	0 6	16 36	5 49	19 19	19 35	16 53	0 31	4 35
T 16	2 0	20 54	1 51	8 55	2 10	16 11	1 16	23 8	0 7	8 47	1 10	18 5	0 30	20 18	0 17	14 3	0 6	16 37	5 49	19 19	19 36	16 55	0 33	4 35
W17	1 36	20 19	0 47	8 17	2 11	15 56	1 11	23 8	0 6	8 50	1 10	18 6	0 30	20 18	0 17	14 3	0 6	16 37	5 49	19 19	19 37	16 56	0 34	4 35
T 18	1 12	18 44	0n20	7 38	2 11	15 41	1 7	23 8	0 5	8 53	1 10	18 7	0 30	20 18	0 17	14 2	0 6	16 37	5 49	19 19	19 38	16 58	0 36	4 35
F 19	0 48	16 9	1 28	6 58	2 11	15 26	1 2	23 8	0 4	8 55	1 10	18 7	0 30	20 18	0 17	14 1	0 6	16 37	5 49	19 19	19 38	16 59	0 37	4 35
S 20	0 24	12 39	2 34	6 17	2 11	15 10	0 58	23 7	0 3	8 58	1 10	18 8	0 30	20 18	0 17	14 1	0 6	16 37	5 48	19 20	19 39	17 1	0 39	4 35
S 21	0 1	8 23	3 32	5 35	2 10	14 54	0 53	23 7	0 2	9 1	1 10	18 9	0 30	20 17	0 17	14 0	0 6	16 38	5 48	19 21	19 40	17 3	0 40	4 35
M22	0n23	3 33	4 19	4 52	2 8	14 37	0 49	23 7	0 1	9 3	1 10	18 9	0 30	20 17	0 17	13 59	0 6	16 38	5 48	19 23	19 40	17 4	0 42	4 35
T 23	0 47	1s33	4 50	4 8	2 6	14 20	0 45	23 6	0s 0	9 6	1 10	18 10	0 30	20 17	0 17	13 59	0 6	16 38	5 48	19 25	19 41	17 6	0 43	4 35
W24	1 11	6 39	5 4	3 23	2 4	14 3	0 40	23 5	0 1	9 8	1 10	18 11	0 30	20 17	0 17	13 58	0 6	16 38	5 48	19 28	19 42	17 7	0 45	4 35
T 25	1 35	11 23	4 57	2 37	2 1	13 45	0 36	23 4	0 2	9 11	1 10	18 11	0 30	20 17	0 17	13 58	0 6	16 38	5 47	19 29	19 42	17 9	0 46	4 35
F 26	1 58	15 26	4 32	1 51	1 57	13 26	0 32	23 3	0 4	9 13	1 10	18 12	0 30	20 17	0 17	13 57	0 6	16 39	5 47	19 31	19 43	17 11	0 48	4 35
S 27	2 22	18 30	3 49	1 3	1 54	13 8	0 28	23 2	0 5	9 16	1 10	18 12	0 30	20 16	0 17	13 57	0 6	16 39	5 47	19 32	19 44	17 12	0 49	4 35
S 28	2 45	20 24	2 52	0 15	1 49	12 49	0 23	23 1	0 6	9 18	1 10	18 13	0 31	20 16	0 17	13 56	0 6	16 39	5 47	19 32	19 45	17 14	0 51	4 35
M29	3 9	21 0	1 46	0n34	1 44	12 29	0 19	23 0	0 7	9 20	1 10	18 13	0 31	20 16	0 17	13 55	0 6	16 39	5 47	19 33	19 45	17 15	0 52	4 35
T 30	3 32	20 18	0 35	1 24	1 39	12 9	0 15	22 58	0 8	9 22	1 10	18 13	0 31	20 16	0 17	13 55	0 6	16 39	5 47	19 32	19 46	17 17	0 54	4 35
W31	3n56	18s26	0s37	2n15	1s33	11s49	0n11	22s57	0s10	9n24	1n10	18n14	0n31	20s16	0n17	13s54	0n 6	16n40	5s46	19n32	19n47	17n19	0n55	4n35

Julian Day Number = 2873093.5, Delta T = 01h12m51s
Ecliptic obliquity = 23°17'19, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°54'10, Lahiri = 40°01'11

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ASTRODIENST EPHEMERIS for the year 3154
geocentric

APRIL 3154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 37 4	10♈59'04	22♒32	11♈16	29♒28	12♑10	8°R25	9°R35	2°R31	22♒17	15♋30	2°R11	1♌ 6	7♊31	21♓43	T 1
F 2	12 41 0	11°58'57	5♓41	13°14	0♓39	12°43	8♍19	9♌34	2♐29	22°19	15°30	2♌ 7	1° 3	7°37	21°47	F 2
S 3	12 44 57	12°58'48	18°40	15°12	1°49	13°15	8°14	9°33	2°28	22°20	15°30	2° 0	0°59	7°44	21°50	S 3
S 4	12 48 53	13°58'37	1♈27	17°10	3° 0	13°48	8° 8	9°32	2°27	22°22	15°30	1°50	0°56	7°51	21°54	S 4
M 5	12 52 50	14°58'24	14° 3	19°10	4°10	14°20	8° 3	9°31	2°25	22°23	15°30	1°38	0°53	7°58	21°58	M 5
T 6	12 56 47	15°58'10	26°28	21°10	5°21	14°52	7°58	9°31	2°24	22°25	15°30	1°24	0°50	8° 4	22° 2	T 6
W 7	13 0 43	16°57'53	8♉42	23°10	6°32	15°25	7°53	9°30	2°22	22°26	15°31	1°11	0°47	8°11	22° 5	W 7
T 8	13 4 40	17°57'35	20°47	25°10	7°43	15°57	7°49	9°30	2°21	22°28	15°31	0°58	0°43	8°18	22° 9	T 8
F 9	13 8 36	18°57'14	2♊43	27°10	8°54	16°28	7°44	9°29	2°19	22°29	15°31	0°48	0°40	8°24	22°13	F 9
S 10	13 12 33	19°56'52	14°34	29° 9	10° 5	17° 0	7°40	9°29	2°17	22°31	15°31	0°41	0°37	8°31	22°16	S 10
S 11	13 16 29	20°56'27	26°22	1♉ 8	11°16	17°32	7°36	9°D29	2°16	22°32	15°31	0°36	0°34	8°38	22°20	S 11
M12	13 20 26	21°56'00	8♋13	3° 5	12°27	18° 3	7°32	9°29	2°14	22°34	15°32	0°34	0°31	8°44	22°24	M12
T 13	13 24 22	22°55'31	20°12	5° 1	13°38	18°35	7°28	9°30	2°12	22°35	15°32	0°D33	0°28	8°51	22°27	T 13
W14	13 28 19	23°54'59	2♌24	6°55	14°49	19° 6	7°24	9°30	2°11	22°36	15°32	0°R33	0°24	8°58	22°31	W14
T 15	13 32 15	24°54'25	14°54	8°47	16° 0	19°37	7°21	9°30	2° 9	22°38	15°33	0°32	0°21	9° 5	22°34	T 15
F 16	13 36 12	25°53'49	27°47	10°36	17°12	20° 8	7°17	9°31	2° 7	22°39	15°33	0°30	0°18	9°11	22°38	F 16
S 17	13 40 9	26°53'11	11♍ 7	12°22	18°23	20°39	7°14	9°31	2° 5	22°40	15°33	0°26	0°15	9°18	22°41	S 17
S 18	13 44 5	27°52'30	24°56	14° 5	19°34	21° 9	7°11	9°32	2° 3	22°41	15°34	0°19	0°12	9°25	22°45	S 18
M19	13 48 2	28°51'48	9♎12	15°43	20°46	21°40	7° 9	9°33	2° 1	22°43	15°34	0° 9	0° 8	9°31	22°48	M19
T 20	13 51 58	29°51'03	23°52	17°17	21°57	22°10	7° 6	9°34	1°59	22°44	15°35	29♋58	0° 5	9°38	22°51	T 20
W21	13 55 55	0♉50'16	8♏48	18°46	23° 9	22°40	7° 4	9°35	1°57	22°45	15°35	29°46	0° 2	9°45	22°55	W21
T 22	13 59 51	1°49'28	23°51	20°11	24°20	23°10	7° 1	9°36	1°55	22°46	15°36	29°35	29♋59	9°51	22°58	T 22
F 23	14 3 48	2°48'37	8♐51	21°30	25°32	23°40	6°59	9°38	1°53	22°47	15°36	29°27	29°56	9°58	23° 1	F 23
S 24	14 7 44	3°47'45	23°39	22°44	26°43	24°10	6°58	9°39	1°51	22°48	15°37	29°21	29°53	10° 5	23° 5	S 24
S 25	14 11 41	4°46'51	8♑ 9	23°52	27°55	24°39	6°56	9°41	1°49	22°49	15°37	29°18	29°49	10°11	23° 8	S 25
M26	14 15 38	5°45'55	22°19	24°53	29° 7	25° 8	6°54	9°42	1°47	22°50	15°38	29°17	29°46	10°18	23°11	M26
T 27	14 19 34	6°44'58	6♒ 6	25°49	0♈19	25°37	6°53	9°44	1°44	22°51	15°39	29°17	29°43	10°25	23°14	T 27
W28	14 23 31	7°43'59	19°34	26°39	1°30	26° 6	6°52	9°46	1°42	22°52	15°39	29°16	29°40	10°31	23°17	W28
T 29	14 27 27	8°42'58	2♓44	27°22	2°42	26°35	6°51	9°48	1°40	22°53	15°40	29°14	29°37	10°38	23°20	T 29
F 30	14 31 24	9♉41'56	15♓38	27♉59	3♈54	27♑ 4	6♍51	9♌50	1♐38	22♒54	15♋41	29♋10	29♋34	10♊45	23♓23	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n19	15s35	1s46	3n 6	1s26	11s28	0n 7	22s55	0s11	9n27	1n10	18n14	0n31	20s15	0n17	13s54	0n 6	16n40	5s46	19n33	19n47	17n20	0n57	4n35
F 2	4 42	11 58	2 48	3 58	1 19	11 8	0 3	22 53	0 12	9 29	1 10	18 14	0 31	20 15	0 17	13 53	0 6	16 40	5 46	19 34	19 48	17 22	0 58	4 35
S 3	5 6	7 50	3 40	4 51	1 12	10 46	0s 1	22 52	0 14	9 31	1 10	18 15	0 31	20 15	0 17	13 53	0 6	16 40	5 46	19 35	19 49	17 23	1 0	4 35
S 4	5 29	3 25	4 20	5 43	1 4	10 25	0 5	22 50	0 15	9 32	1 9	18 15	0 31	20 15	0 17	13 52	0 6	16 40	5 46	19 38	19 49	17 25	1 1	4 35
M 5	5 52	1n 6	4 47	6 36	0 55	10 3	0 8	22 48	0 16	9 34	1 9	18 15	0 31	20 14	0 17	13 52	0 6	16 40	5 45	19 40	19 50	17 26	1 3	4 35
T 6	6 15	5 29	5 0	7 30	0 46	9 41	0 12	22 45	0 18	9 36	1 9	18 15	0 31	20 14	0 17	13 51	0 6	16 41	5 45	19 43	19 51	17 28	1 4	4 35
W 7	6 37	9 36	4 58	8 23	0 36	9 18	0 16	22 43	0 19	9 38	1 9	18 16	0 31	20 14	0 17	13 51	0 6	16 41	5 45	19 46	19 51	17 30	1 6	4 35
T 8	7 0	13 17	4 43	9 16	0 26	8 55	0 19	22 41	0 20	9 40	1 9	18 16	0 31	20 13	0 17	13 50	0 6	16 41	5 45	19 49	19 52	17 31	1 7	4 35
F 9	7 23	16 23	4 16	10 9	0 16	8 32	0 23	22 38	0 22	9 41	1 9	18 16	0 31	20 13	0 17	13 50	0 6	16 41	5 45	19 51	19 53	17 33	1 9	4 35
S 10	7 45	18 48	3 38	11 1	0 5	8 9	0 26	22 36	0 23	9 43	1 9	18 16	0 31	20 13	0 17	13 49	0 6	16 41	5 45	19 53	19 54	17 34	1 10	4 35
S 11	8 7	20 24	2 50	11 53	0n 6	7 45	0 30	22 33	0 25	9 44	1 9	18 16	0 31	20 12	0 17	13 49	0 6	16 41	5 44	19 54	19 54	17 36	1 12	4 35
M12	8 30	21 7	1 55	12 44	0 17	7 22	0 33	22 31	0 26	9 46	1 9	18 16	0 31	20 12	0 17	13 49	0 6	16 41	5 44	19 54	19 55	17 37	1 13	4 35
T 13	8 52	20 53	0 55	13 34	0 29	6 58	0 37	22 28	0 28	9 47	1 9	18 16	0 31	20 12	0 17	13 48	0 6	16 42	5 44	19 54	19 56	17 39	1 15	4 35
W14	9 13	19 40	0n10	14 23	0 41	6 33	0 40	22 25	0 29	9 48	1 9	18 16	0 31	20 11	0 17	13 48	0 6	16 42	5 44	19 54	19 56	17 40	1 16	4 35
T 15	9 35	17 28	1 15	15 10	0 52	6 9	0 43	22 22	0 31	9 49	1 9	18 16	0 31	20 11	0 17	13 47	0 6	16 42	5 44	19 55	19 57	17 42	1 18	4 35
F 16	9 57	14 20	2 19	15 56	1 4	5 44	0 46	22 20	0 32	9 50	1 8	18 16	0 31	20 11	0 17	13 47	0 6	16 42	5 43	19 55	19 58	17 43	1 19	4 36
S 17	10 18	10 23	3 17	16 39	1 16	5 19	0 49	22 17	0 34	9 51	1 8	18 16	0 31	20 10	0 17	13 47	0 6	16 42	5 43	19 56	19 58	17 45	1 20	4 36
S 18	10 39	5 46	4 6	17 21	1 27	4 54	0 52	22 14	0 36	9 52	1 8	18 15	0 31	20 10	0 17	13 46	0 6	16 42	5 43	19 57	19 59	17 47	1 22	4 36
M19	11 0	0 41	4 41	18 1	1 38	4 29	0 55	22 10	0 37	9 53	1 8	18 15	0 31	20 10	0 17	13 46	0 6	16 42	5 43	20 0	20 0	17 48	1 23	4 36
T 20	11 21	4s34	4 59	18 38	1 49	4 4	0 58	22 7	0 39	9 54	1 8	18 15	0 31	20 9	0 17	13 45	0 6	16 43	5 43	20 2	20 0	17 50	1 25	4 36
W21	11 42	9 39	4 57	19 13	1 59	3 38	1 1	22 4	0 41	9 55	1 8	18 15	0 32	20 9	0 17	13 45	0 6	16 43	5 43	20 4	20 1	17 51	1 26	4 36
T 22	12 2	14 11	4 34	19 45	2 9	3 12	1 3	22 1	0 43	9 56	1 8	18 15	0 32	20 8	0 17	13 45	0 6	16 43	5 42	20 7	20 2	17 53	1 27	4 36
F 23	12 22	17 48	3 53	20 15	2 18	2 46	1 6	21 57	0 44	9 56	1 8	18 14	0 32	20 8	0 17	13 44	0 6	16 43	5 42	20 8	20 2	17 54	1 29	4 36
S 24	12 42	20 12	2 56	20 42	2 26	2 20	1 8	21 54	0 46	9 57	1 8	18 14	0 32	20 8	0 17	13 44	0 6	16 43	5 42	20 10	20 3	17 56	1 30	4 36
S 25	13 2	21 13	1 49	21 6	2 34	1 54	1 11	21 51	0 48	9 57	1 7	18 14	0 32	20 7	0 17	13 44	0 6	16 43	5 42	20 10	20 4	17 57	1 32	4 36
M26	13 22	20 51	0 37	21 28	2 40	1 28	1 13	21 47	0 50	9 58	1 7	18 13	0 32	20 7	0 17	13 43	0 6	16 43	5 42	20 10	20 4	17 59	1 33	4 36
T 27	13 41	19 13	0s36	21 47	2 46	1 2	1 15	21 44	0 52	9 58	1 7	18 13	0 32	20 6	0 17	13 43	0 6	16 43	5 42	20 10	20 5	18 0	1 34	4 37
W28	14 0	16 31	1 45	22 3	2 50	0 36	1 18	21 40	0 54	9 58	1 7	18 12	0 32	20 6	0 17	13 43	0 6	16 43	5 41	20 10	20 6	18 2	1 36	4 37
T 29	14 19	13 2	2 47	22 16	2 54	0 9	1 20	21 37	0 56	9 59	1 7	18 12	0 32	20 5	0 17	13 42	0 6	16 44	5 41	20 11	20 6	18 3	1 37	4 37
F 30	14n38	9s 0	3s39	22n26	2n56	0n17	1s22	21s33	0s57	9n59	1n 7	18n11	0n32	20s 5	0n17	13s42	0n 6	16n44	5s41	20n12	20n 7	18n 5	1n38	4n37

Julian Day Number = 2873124.5, Delta T = 01h12m52s
Ecliptic obliquity = 23°17'20, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°54'14, Lahiri = 40°01'15

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ASTRODIENST EPHEMERIS for the year 3154
geocentric

MAY 3154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 20	10♉40'52	28♓19	28♉29	5♈ 6	27♑32	6°R50	9♌52	1°R35	22♒54	15♋41	29°R 3	29♋30	10♊52	23♓26	S 1
S 2	14 39 17	11°39'46	10♈48	28°53	6°18	28° 0	6♍50	9°54	1♐33	22°55	15°42	28♋53	29°27	10°58	23°29	S 2
M 3	14 43 13	12°38'38	23° 9	29°10	7°30	28°28	6°D50	9°56	1°31	22°56	15°43	28°41	29°24	11° 5	23°32	M 3
T 4	14 47 10	13°37'28	5♉20	29°21	8°42	28°55	6°50	9°59	1°28	22°57	15°43	28°27	29°21	11°12	23°35	T 4
W 5	14 51 7	14°36'17	17°24	29°R25	9°54	29°23	6°50	10° 1	1°26	22°57	15°44	28°14	29°18	11°18	23°38	W 5
T 6	14 55 3	15°35'03	29°21	29°24	11° 6	29°50	6°50	10° 4	1°23	22°58	15°45	28° 2	29°14	11°25	23°41	T 6
F 7	14 59 0	16°33'48	11♊13	29°16	12°18	0♒17	6°51	10° 7	1°21	22°59	15°46	27°51	29°11	11°32	23°44	F 7
S 8	15 2 56	17°32'31	23° 2	29° 3	13°30	0°44	6°52	10°10	1°19	22°59	15°47	27°43	29° 8	11°38	23°46	S 8
S 9	15 6 53	18°31'11	4♋50	28°45	14°42	1°10	6°53	10°13	1°16	23° 0	15°48	27°38	29° 5	11°45	23°49	S 9
M10	15 10 49	19°29'50	16°41	28°22	15°54	1°36	6°54	10°16	1°14	23° 0	15°48	27°36	29° 2	11°52	23°52	M10
T 11	15 14 46	20°28'26	28°39	27°54	17° 6	2° 2	6°55	10°19	1°11	23° 1	15°49	27°D35	28°59	11°58	23°54	T 11
W12	15 18 42	21°27'01	10♌49	27°23	18°18	2°28	6°57	10°22	1° 9	23° 1	15°50	27°36	28°55	12° 5	23°57	W12
T 13	15 22 39	22°25'33	23°17	26°49	19°31	2°53	6°59	10°25	1° 6	23° 2	15°51	27°R36	28°52	12°12	23°59	T 13
F 14	15 26 36	23°24'03	6♍ 6	26°12	20°43	3°18	7° 1	10°29	1° 4	23° 2	15°52	27°35	28°49	12°18	24° 2	F 14
S 15	15 30 32	24°22'31	19°21	25°33	21°55	3°43	7° 3	10°32	1° 1	23° 3	15°53	27°33	28°46	12°25	24° 4	S 15
S 16	15 34 29	25°20'56	3♎ 6	24°54	23° 7	4° 7	7° 5	10°36	0°59	23° 3	15°54	27°28	28°43	12°32	24° 6	S 16
M17	15 38 25	26°19'20	17°21	24°14	24°19	4°31	7° 7	10°40	0°56	23° 3	15°55	27°21	28°40	12°39	24° 9	M17
T 18	15 42 22	27°17'42	2♏ 3	23°34	25°32	4°55	7°10	10°44	0°54	23° 3	15°56	27°12	28°36	12°45	24°11	T 18
W19	15 46 18	28°16'02	17° 5	22°56	26°44	5°19	7°13	10°47	0°51	23° 4	15°57	27° 3	28°33	12°52	24°13	W19
T 20	15 50 15	29°14'20	2♐20	22°19	27°56	5°42	7°16	10°51	0°48	23° 4	15°58	26°55	28°30	12°59	24°15	T 20
F 21	15 54 11	0♊12'37	17°35	21°45	29° 9	6° 5	7°19	10°56	0°46	23° 4	15°59	26°48	28°27	13° 5	24°17	F 21
S 22	15 58 8	1°10'51	2♑40	21°13	0♉21	6°28	7°22	11° 0	0°43	23° 4	16° 0	26°44	28°24	13°12	24°19	S 22
S 23	16 2 5	2° 9'05	17°28	20°45	1°33	6°50	7°26	11° 4	0°41	23° 4	16° 1	26°41	28°20	13°19	24°22	S 23
M24	16 6 1	3° 7'17	1♒52	20°21	2°46	7°12	7°29	11° 8	0°38	23° 4	16° 2	26°D41	28°17	13°25	24°23	M24
T 25	16 9 58	4° 5'27	15°50	20° 1	3°58	7°33	7°33	11°13	0°36	23° 4	16° 3	26°42	28°14	13°32	24°25	T 25
W26	16 13 54	5° 3'36	29°23	19°45	5°11	7°54	7°37	11°17	0°33	23°R 4	16° 4	26°R43	28°11	13°39	24°27	W26
T 27	16 17 51	6° 1'44	12♓33	19°33	6°23	8°15	7°41	11°22	0°31	23° 4	16° 6	26°43	28° 8	13°45	24°29	T 27
F 28	16 21 47	6°59'50	25°23	19°27	7°35	8°35	7°46	11°26	0°28	23° 4	16° 7	26°41	28° 5	13°52	24°31	F 28
S 29	16 25 44	7°57'55	7♈56	19°D24	8°48	8°55	7°50	11°31	0°26	23° 4	16° 8	26°37	28° 1	13°59	24°33	S 29
S 30	16 29 40	8°55'59	20°15	19°27	10° 0	9°15	7°55	11°36	0°23	23° 4	16° 9	26°31	27°58	14° 5	24°34	S 30
M31	16 33 37	9♊54'01	2♉24	19♉34	11♉13	9♒34	7♍59	11♌41	0♐21	23♒ 4	16♋10	26♋24	27♋55	14♊12	24♓36	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n56	4s38	4s19	22n34	2n57	0n44	1s24	21s30	0s59	9n59	1n 7	18n11	0n32	20s 4	0n17	13s42	0n 6	16n44	5s41	20n13	20n 8	18n 6	1n39	4n37
S 2	15 14	0 8	4 46	22 39	2 56	1 10	1 26	21 26	1 2	9 59	1 7	18 10	0 32	20 4	0 17	13 42	0 6	16 44	5 41	20 15	20 8	18 8	1 41	4 37
M 3	15 32	4n18	4 59	22 41	2 55	1 37	1 27	21 23	1 4	9 59	1 6	18 10	0 32	20 4	0 17	13 41	0 6	16 44	5 41	20 18	20 9	18 9	1 42	4 37
T 4	15 50	8 31	4 58	22 41	2 52	2 4	1 29	21 19	1 6	9 59	1 6	18 9	0 32	20 3	0 17	13 41	0 6	16 44	5 40	20 20	20 10	18 11	1 43	4 37
W 5	16 7	12 22	4 44	22 37	2 47	2 30	1 31	21 15	1 8	9 58	1 6	18 8	0 32	20 3	0 17	13 41	0 6	16 44	5 40	20 23	20 10	18 12	1 45	4 38
T 6	16 24	15 41	4 18	22 31	2 42	2 57	1 32	21 12	1 10	9 58	1 6	18 8	0 32	20 2	0 17	13 41	0 6	16 44	5 40	20 26	20 11	18 14	1 46	4 38
F 7	16 41	18 21	3 40	22 23	2 34	3 23	1 34	21 8	1 12	9 58	1 6	18 7	0 32	20 2	0 17	13 41	0 6	16 44	5 40	20 28	20 12	18 15	1 47	4 38
S 8	16 58	20 14	2 53	22 11	2 26	3 50	1 35	21 5	1 14	9 57	1 6	18 6	0 32	20 1	0 17	13 40	0 6	16 44	5 40	20 29	20 12	18 16	1 48	4 38
S 9	17 14	21 14	1 58	21 58	2 16	4 17	1 36	21 1	1 17	9 57	1 6	18 5	0 32	20 1	0 17	13 40	0 6	16 44	5 40	20 30	20 13	18 18	1 49	4 38
M10	17 30	21 18	0 58	21 42	2 5	4 43	1 38	20 58	1 19	9 56	1 6	18 5	0 32	20 0	0 17	13 40	0 6	16 44	5 39	20 31	20 13	18 19	1 51	4 38
T 11	17 45	20 24	0n 6	21 23	1 52	5 9	1 39	20 54	1 21	9 56	1 5	18 4	0 32	20 0	0 17	13 40	0 6	16 44	5 39	20 31	20 14	18 21	1 52	4 39
W12	18 1	18 32	1 10	21 3	1 38	5 36	1 40	20 51	1 24	9 55	1 5	18 3	0 32	19 59	0 17	13 40	0 6	16 44	5 39	20 31	20 15	18 22	1 53	4 39
T 13	18 16	15 46	2 13	20 41	1 24	6 2	1 41	20 47	1 26	9 54	1 5	18 2	0 32	19 59	0 17	13 40	0 6	16 45	5 39	20 31	20 15	18 24	1 54	4 39
F 14	18 30	12 10	3 10	20 17	1 8	6 28	1 42	20 44	1 28	9 53	1 5	18 1	0 32	19 58	0 17	13 40	0 6	16 45	5 39	20 31	20 16	18 25	1 55	4 39
S 15	18 45	7 52	4 0	19 52	0 52	6 54	1 42	20 40	1 31	9 53	1 5	18 0	0 32	19 58	0 17	13 39	0 6	16 45	5 39	20 31	20 17	18 27	1 56	4 39
S 16	18 59	3 2	4 38	19 26	0 35	7 20	1 43	20 37	1 33	9 52	1 5	17 59	0 32	19 57	0 17	13 39	0 6	16 45	5 39	20 32	20 17	18 28	1 57	4 39
M17	19 13	2s 9	5 0	19 0	0 18	7 46	1 44	20 34	1 36	9 51	1 5	17 58	0 32	19 57	0 17	13 39	0 6	16 45	5 38	20 34	20 18	18 30	1 58	4 40
T 18	19 26	7 21	5 3	18 33	0 0	8 11	1 44	20 31	1 39	9 49	1 4	17 57	0 32	19 56	0 17	13 39	0 6	16 45	5 38	20 35	20 19	18 31	1 59	4 40
W19	19 39	12 15	4 46	18 7	0s17	8 37	1 45	20 28	1 41	9 48	1 4	17 56	0 33	19 56	0 17	13 39	0 6	16 45	5 38	20 37	20 19	18 32	2 0	4 40
T 20	19 52	16 26	4 9	17 41	0 34	9 2	1 45	20 24	1 44	9 47	1 4	17 55	0 33	19 55	0 17	13 39	0 6	16 45	5 38	20 39	20 20	18 34	2 1	4 40
F 21	20 4	19 30	3 14	17 15	0 52	9 27	1 45	20 21	1 47	9 46	1 4	17 54	0 33	19 55	0 17	13 39	0 6	16 45	5 38	20 40	20 21	18 35	2 2	4 40
S 22	20 16	21 11	2 5	16 51	1 8	9 52	1 46	20 18	1 49	9 44	1 4	17 53	0 33	19 54	0 17	13 39	0 6	16 45	5 38	20 41	20 21	18 37	2 3	4 40
S 23	20 28	21 20	0 49	16 28	1 24	10 17	1 46	20 16	1 52	9 43	1 4	17 52	0 33	19 54	0 17	13 39	0 6	16 45	5 38	20 41	20 22	18 38	2 4	4 41
M24	20 39	20 4	0s28	16 7	1 40	10 42	1 46	20 13	1 55	9 41	1 4	17 51	0 33	19 53	0 17	13 39	0 6	16 45	5 37	20 41	20 22	18 40	2 5	4 41
T 25	20 50	17 36	1 41	15 48	1 54	11 6	1 46	20 10	1 58	9 40	1 3	17 50	0 33	19 53	0 17	13 39	0 6	16 45	5 37	20 41	20 23	18 41	2 6	4 41
W26	21 0	14 13	2 47	15 30	2 8	11 30	1 46	20 7	2 1	9 38	1 3	17 48	0 33	19 52	0 17	13 39	0 6	16 45	5 37	20 41	20 24	18 42	2 7	4 41
T 27	21 11	10 13	3 41	15 15	2 21	11 54	1 45	20 5	2 4	9 37	1 3	17 47	0 33	19 52	0 17	13 39	0 6	16 45	5 37	20 41	20 24	18 44	2 8	4 41
F 28	21 20	5 51	4 23	15 2	2 33	12 18	1 45	20 3	2 7	9 35	1 3	17 46	0 33	19 51	0 17	13 39	0 6	16 45	5 37	20 41	20 25	18 45	2 9	4 42
S 29	21 30	1 21	4 52	14 50	2 44	12 41	1 45	20 0	2 10	9 33	1 3	17 45	0 33	19 51	0 17	13 39	0 6	16 45	5 37	20 42	20 26	18 47	2 10	4 42
S 30	21 39	3n 8	5 6	14 42	2 54	13 4	1 45	19 58	2 13	9 31	1 3	17 43	0 33	19 50	0 17	13 39	0 6	16 45	5 37	20 43	20 26	18 48	2 11	4 42
M31	21n48	7n26	5s 6	14n35	3s 3	13n27	1s44	19s56	2s16	9n29	1n 3	17n42	0n33	19s49	0n17	13s39	0n 6	16n45	5s36	20n44	20n27	18n49	2n11	4n42

Julian Day Number = 2873154.5, Delta T = 01h12m52s
Ecliptic obliquity = 23°17'19, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°54'19, Lahiri = 40°01'19

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ASTRODIENST EPHEMERIS for the year 3154
geocentric

JUNE 3154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 37 34	10♊52'02	14♉26	19♉46	12♉25	9♒52	8♍ 4	11♌46	0°R18	23°R 4	16♋12	26°R16	27♋52	14♊19	24♓37	T 1
W 2	16 41 30	11°50'02	26°21	20° 2	13°38	10°10	8°10	11°51	0♐16	23♒ 4	16°13	26♋ 7	27°49	14°25	24°39	W 2
T 3	16 45 27	12°48'00	8♊13	20°22	14°51	10°28	8°15	11°56	0°13	23° 3	16°14	25°59	27°45	14°32	24°40	T 3
F 4	16 49 23	13°45'57	20° 2	20°47	16° 3	10°45	8°20	12° 1	0°11	23° 3	16°15	25°53	27°42	14°39	24°42	F 4
S 5	16 53 20	14°43'52	1♋51	21°17	17°16	11° 2	8°26	12° 7	0° 8	23° 3	16°16	25°48	27°39	14°46	24°43	S 5
S 6	16 57 16	15°41'46	13°41	21°50	18°28	11°18	8°32	12°12	0° 6	23° 2	16°18	25°45	27°36	14°52	24°44	S 6
M 7	17 1 13	16°39'38	25°37	22°27	19°41	11°34	8°37	12°17	0° 3	23° 2	16°19	25°D45	27°33	14°59	24°46	M 7
T 8	17 5 9	17°37'29	7♌39	23° 8	20°53	11°49	8°43	12°23	0° 1	23° 1	16°20	25°45	27°30	15° 6	24°47	T 8
W 9	17 9 6	18°35'18	19°53	23°53	22° 6	12° 4	8°50	12°28	29♏59	23° 1	16°22	25°47	27°26	15°12	24°48	W 9
T 10	17 13 3	19°33'05	2♍22	24°41	23°19	12°18	8°56	12°34	29°56	23° 1	16°23	25°48	27°23	15°19	24°49	T 10
F 11	17 16 59	20°30'51	15°10	25°33	24°31	12°31	9° 2	12°40	29°54	23° 0	16°24	25°R49	27°20	15°26	24°50	F 11
S 12	17 20 56	21°28'35	28°22	26°29	25°44	12°44	9° 9	12°45	29°52	23° 0	16°26	25°49	27°17	15°32	24°51	S 12
S 13	17 24 52	22°26'18	11♎59	27°27	26°57	12°57	9°16	12°51	29°49	22°59	16°27	25°48	27°14	15°39	24°52	S 13
M14	17 28 49	23°23'59	26° 4	28°29	28° 9	13° 9	9°22	12°57	29°47	22°58	16°28	25°45	27°11	15°46	24°53	M14
T 15	17 32 45	24°21'39	10♏36	29°34	29°22	13°20	9°29	13° 3	29°45	22°58	16°30	25°41	27° 7	15°52	24°53	T 15
W16	17 36 42	25°19'18	25°29	0♊42	0♊35	13°31	9°37	13° 9	29°43	22°57	16°31	25°37	27° 4	15°59	24°54	W16
T 17	17 40 38	26°16'55	10♐38	1°52	1°47	13°41	9°44	13°15	29°40	22°56	16°32	25°33	27° 1	16° 6	24°55	T 17
F 18	17 44 35	27°14'31	25°52	3° 6	3° 0	13°50	9°51	13°21	29°38	22°56	16°34	25°30	26°58	16°12	24°55	F 18
S 19	17 48 32	28°12'06	11♑ 2	4°23	4°13	13°59	9°59	13°27	29°36	22°55	16°35	25°28	26°55	16°19	24°56	S 19
S 20	17 52 28	29° 9'39	25°57	5°42	5°25	14° 7	10° 6	13°34	29°34	22°54	16°36	25°D27	26°52	16°26	24°56	S 20
M21	17 56 25	0♋ 7'12	10♒32	7° 4	6°38	14°15	10°14	13°40	29°32	22°53	16°38	25°28	26°48	16°32	24°57	M21
T 22	18 0 21	1° 4'44	24°42	8°29	7°51	14°22	10°22	13°46	29°30	22°53	16°39	25°29	26°45	16°39	24°57	T 22
W23	18 4 18	2° 2'16	8♓24	9°57	9° 4	14°28	10°30	13°53	29°28	22°52	16°41	25°30	26°42	16°46	24°58	W23
T 24	18 8 14	2°59'46	21°41	11°27	10°17	14°33	10°38	13°59	29°26	22°51	16°42	25°31	26°39	16°52	24°58	T 24
F 25	18 12 11	3°57'16	4♈34	13° 0	11°29	14°38	10°46	14° 6	29°24	22°50	16°43	25°R32	26°36	16°59	24°58	F 25
S 26	18 16 8	4°54'45	17° 6	14°36	12°42	14°42	10°55	14°12	29°22	22°49	16°45	25°31	26°32	17° 6	24°58	S 26
S 27	18 20 4	5°52'14	29°23	16°14	13°55	14°46	11° 3	14°19	29°20	22°48	16°46	25°30	26°29	17°12	24°58	S 27
M28	18 24 1	6°49'41	11♉27	17°56	15° 8	14°48	11°12	14°26	29°18	22°47	16°48	25°28	26°26	17°19	24°R58	M28
T 29	18 27 57	7°47'09	23°23	19°39	16°21	14°50	11°20	14°32	29°16	22°46	16°49	25°25	26°23	17°26	24°58	T 29
W30	18 31 54	8♋44'36	5♊14	21♊25	17♊34	14♒51	11♍29	14♌39	29♏15	22♒45	16♋51	25♋22	26♋20	17♊32	24♓58	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n56	11n24	4s52	14n30	3s10	13n49	1s43	19s54	2s19	9n27	1n 3	17n41	0n33	19s49	0n17	13s39	0n 6	16n45	5s36	20n46	20n27	18n51	2n12	4n42
W 2	22 4	14 54	4 26	14 28	3 17	14 12	1 43	19 52	2 23	9 25	1 2	17 39	0 33	19 48	0 17	13 39	0 6	16 45	5 36	20 48	20 28	18 52	2 13	4 43
T 3	22 11	17 46	3 49	14 28	3 23	14 34	1 42	19 51	2 26	9 23	1 2	17 38	0 33	19 48	0 17	13 39	0 6	16 45	5 36	20 49	20 29	18 54	2 14	4 43
F 4	22 19	19 54	3 1	14 29	3 28	14 55	1 41	19 49	2 29	9 21	1 2	17 37	0 33	19 47	0 17	13 39	0 6	16 45	5 36	20 50	20 29	18 55	2 14	4 43
S 5	22 25	21 10	2 6	14 33	3 32	15 16	1 41	19 48	2 33	9 19	1 2	17 35	0 33	19 47	0 16	13 40	0 6	16 45	5 36	20 51	20 30	18 56	2 15	4 43
S 6	22 32	21 31	1 5	14 38	3 35	15 37	1 40	19 47	2 36	9 17	1 2	17 34	0 33	19 46	0 16	13 40	0 6	16 45	5 36	20 52	20 31	18 58	2 16	4 43
M 7	22 37	20 53	0 1	14 46	3 37	15 58	1 39	19 46	2 39	9 15	1 2	17 32	0 33	19 46	0 16	13 40	0 6	16 45	5 36	20 52	20 31	18 59	2 16	4 44
T 8	22 43	19 17	1n 4	14 55	3 39	16 18	1 38	19 45	2 43	9 12	1 2	17 31	0 33	19 46	0 16	13 40	0 6	16 45	5 36	20 52	20 32	19 0	2 17	4 44
W 9	22 48	16 47	2 8	15 5	3 39	16 37	1 37	19 44	2 47	9 10	1 2	17 29	0 33	19 45	0 16	13 40	0 6	16 45	5 35	20 51	20 32	19 2	2 18	4 44
T 10	22 53	13 28	3 7	15 17	3 39	16 57	1 35	19 44	2 50	9 7	1 1	17 28	0 33	19 45	0 16	13 40	0 6	16 45	5 35	20 51	20 33	19 3	2 18	4 44
F 11	22 57	9 28	3 58	15 30	3 38	17 16	1 34	19 43	2 54	9 5	1 1	17 26	0 33	19 44	0 16	13 40	0 6	16 44	5 35	20 51	20 34	19 5	2 19	4 44
S 12	23 1	4 54	4 38	15 44	3 36	17 34	1 33	19 43	2 57	9 2	1 1	17 25	0 33	19 44	0 16	13 41	0 6	16 44	5 35	20 51	20 34	19 6	2 20	4 45
S 13	23 4	0s 3	5 4	16 0	3 33	17 52	1 32	19 43	3 1	9 0	1 1	17 23	0 33	19 43	0 16	13 41	0 6	16 44	5 35	20 51	20 35	19 7	2 20	4 45
M14	23 8	5 9	5 13	16 17	3 30	18 10	1 30	19 43	3 5	8 57	1 1	17 21	0 33	19 43	0 16	13 41	0 6	16 44	5 35	20 52	20 36	19 9	2 21	4 45
T 15	23 10	10 7	5 2	16 34	3 26	18 27	1 29	19 44	3 9	8 54	1 1	17 20	0 34	19 42	0 16	13 41	0 6	16 44	5 35	20 52	20 36	19 10	2 21	4 45
W16	23 12	14 37	4 31	16 53	3 22	18 43	1 27	19 44	3 13	8 51	1 1	17 18	0 34	19 42	0 16	13 41	0 6	16 44	5 35	20 53	20 37	19 11	2 22	4 45
T 17	23 14	18 15	3 41	17 12	3 16	19 0	1 26	19 45	3 17	8 49	1 1	17 16	0 34	19 41	0 16	13 42	0 6	16 44	5 35	20 54	20 37	19 13	2 22	4 46
F 18	23 16	20 38	2 35	17 32	3 11	19 15	1 24	19 46	3 21	8 46	1 1	17 15	0 34	19 41	0 16	13 42	0 6	16 44	5 35	20 54	20 38	19 14	2 23	4 46
S 19	23 17	21 32	1 18	17 52	3 4	19 30	1 22	19 47	3 25	8 43	1 0	17 13	0 34	19 40	0 16	13 42	0 6	16 44	5 34	20 55	20 39	19 15	2 23	4 46
S 20	23 17	20 52	0s 3	18 13	2 57	19 45	1 20	19 49	3 29	8 40	1 0	17 11	0 34	19 40	0 16	13 42	0 6	16 44	5 34	20 55	20 39	19 17	2 23	4 46
M21	23 17	18 48	1 22	18 34	2 50	19 59	1 19	19 51	3 33	8 37	1 0	17 9	0 34	19 40	0 16	13 43	0 6	16 44	5 34	20 55	20 40	19 18	2 24	4 47
T 22	23 17	15 38	2 34	18 55	2 42	20 13	1 17	19 52	3 37	8 34	1 0	17 8	0 34	19 39	0 16	13 43	0 6	16 44	5 34	20 55	20 40	19 19	2 24	4 47
W23	23 16	11 41	3 35	19 16	2 33	20 26	1 15	19 55	3 41	8 31	1 0	17 6	0 34	19 39	0 16	13 43	0 6	16 44	5 34	20 54	20 41	19 21	2 24	4 47
T 24	23 15	7 18	4 22	19 38	2 25	20 39	1 13	19 57	3 45	8 28	1 0	17 4	0 34	19 38	0 16	13 44	0 6	16 44	5 34	20 54	20 42	19 22	2 25	4 47
F 25	23 14	2 43	4 54	19 59	2 15	20 51	1 11	20 0	3 49	8 24	1 0	17 2	0 34	19 38	0 16	13 44	0 6	16 43	5 34	20 54	20 42	19 23	2 25	4 47
S 26	23 12	1n52	5 12	20 20	2 6	21 2	1 9	20 2	3 53	8 21	1 0	17 0	0 34	19 38	0 16	13 44	0 6	16 43	5 34	20 54	20 43	19 24	2 25	4 48
S 27	23 10	6 16	5 15	20 40	1 56	21 13	1 7	20 5	3 58	8 18	1 0	16 59	0 34	19 37	0 16	13 44	0 6	16 43	5 34	20 54	20 43	19 26	2 25	4 48
M28	23 7	10 22	5 3	21 0	1 45	21 23	1 5	20 9	4 2	8 14	1 0	16 57	0 34	19 37	0 16	13 45	0 6	16 43	5 34	20 55	20 44	19 27	2 26	4 48
T 29	23 4	14 0	4 39	21 19	1 35	21 33	1 3	20 12	4 6	8 11	0 59	16 55	0 34	19 36	0 16	13 45	0 6	16 43	5 34	20 55	20 45	19 28	2 26	4 48
W30	23n 0	17n 4	4s 3	21n37	1s24	21n42	1s 1	20s16	4s10	8n 8	0n59	16n53	0n34	19s36	0n16	13s45	0n 6	16n43	5s34	20n56	20n45	19n30	2n26	4n48

Julian Day Number = 2873185.5, Delta T = 01h12m53s
Ecliptic obliquity = 23°17'19, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°54'23, Lahiri = 40°01'23

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ASTRODIENST EPHEMERIS for the year 3154
geocentric

JULY 3154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 35 50	9♋42'02	17♊ 3	23♊14	18♊47	14°R51	11♍38	14♌46	29°R13	22°R44	16♋52	25°R20	26♋17	17♊39	24°R58	T 1
F 2	18 39 47	10°39'27	28°52	25° 6	20° 0	14♒51	11°47	14°53	29♏11	22♒43	16°53	25♋18	26°13	17°46	24♓58	F 2
S 3	18 43 43	11°36'52	10♋44	26°59	21°13	14°50	11°56	15° 0	29°10	22°42	16°55	25°17	26°10	17°53	24°58	S 3
S 4	18 47 40	12°34'17	22°42	28°56	22°25	14°48	12° 5	15° 6	29° 8	22°41	16°56	25°D17	26° 7	17°59	24°57	S 4
M 5	18 51 37	13°31'40	4♌46	0♋54	23°38	14°45	12°15	15°13	29° 6	22°39	16°58	25°17	26° 4	18° 6	24°57	M 5
T 6	18 55 33	14°29'03	16°59	2°55	24°51	14°42	12°24	15°20	29° 5	22°38	16°59	25°17	26° 1	18°13	24°57	T 6
W 7	18 59 30	15°26'25	29°24	4°58	26° 4	14°38	12°34	15°28	29° 3	22°37	17° 1	25°18	25°57	18°19	24°56	W 7
T 8	19 3 26	16°23'46	12♍ 2	7° 2	27°17	14°33	12°43	15°35	29° 2	22°36	17° 2	25°19	25°54	18°26	24°56	T 8
F 9	19 7 23	17°21'07	24°57	9° 9	28°30	14°27	12°53	15°42	29° 0	22°35	17° 4	25°20	25°51	18°33	24°55	F 9
S 10	19 11 19	18°18'26	8♎11	11°17	29°44	14°21	13° 3	15°49	28°59	22°33	17° 5	25°20	25°48	18°39	24°54	S 10
S 11	19 15 16	19°15'45	21°45	13°26	0♋57	14°14	13°13	15°56	28°58	22°32	17° 6	25°R20	25°45	18°46	24°54	S 11
M12	19 19 12	20°13'03	5♏41	15°36	2°10	14° 6	13°23	16° 3	28°56	22°31	17° 8	25°20	25°42	18°53	24°53	M12
T 13	19 23 9	21°10'21	19°58	17°47	3°23	13°57	13°33	16°11	28°55	22°30	17° 9	25°20	25°38	18°59	24°52	T 13
W14	19 27 6	22° 7'37	4♐34	19°58	4°36	13°48	13°43	16°18	28°54	22°28	17°11	25°19	25°35	19° 6	24°51	W14
T 15	19 31 2	23° 4'54	19°24	22°10	5°49	13°38	13°53	16°25	28°53	22°27	17°12	25°19	25°32	19°13	24°50	T 15
F 16	19 34 59	24° 2'10	4♑22	24°21	7° 2	13°28	14° 3	16°32	28°52	22°25	17°14	25°19	25°29	19°19	24°49	F 16
S 17	19 38 55	24°59'25	19°20	26°32	8°15	13°16	14°14	16°40	28°51	22°24	17°15	25°19	25°26	19°26	24°48	S 17
S 18	19 42 52	25°56'40	4♒10	28°42	9°28	13° 5	14°24	16°47	28°50	22°23	17°17	25°19	25°23	19°33	24°47	S 18
M19	19 46 48	26°53'55	18°44	0♌52	10°42	12°52	14°35	16°55	28°49	22°21	17°18	25°19	25°19	19°39	24°46	M19
T 20	19 50 45	27°51'10	2♓57	3° 0	11°55	12°39	14°46	17° 2	28°48	22°20	17°19	25°19	25°16	19°46	24°45	T 20
W21	19 54 41	28°48'25	16°45	5° 7	13° 8	12°26	14°56	17°10	28°47	22°18	17°21	25°18	25°13	19°53	24°44	W21
T 22	19 58 38	29°45'40	0♈ 8	7°13	14°21	12°12	15° 7	17°17	28°46	22°17	17°22	25°18	25°10	19°59	24°42	T 22
F 23	20 2 35	0♌42'55	13° 6	9°17	15°35	11°57	15°18	17°25	28°45	22°15	17°24	25°18	25° 7	20° 6	24°41	F 23
S 24	20 6 31	1°40'10	25°42	11°20	16°48	11°42	15°29	17°32	28°45	22°14	17°25	25°17	25° 3	20°13	24°40	S 24
S 25	20 10 28	2°37'25	8♉ 0	13°21	18° 1	11°26	15°40	17°40	28°44	22°12	17°26	25°D17	25° 0	20°19	24°38	S 25
M26	20 14 24	3°34'41	20° 3	15°20	19°14	11°11	15°51	17°47	28°43	22°11	17°28	25°18	24°57	20°26	24°37	M26
T 27	20 18 21	4°31'57	1♊58	17°17	20°28	10°54	16° 2	17°55	28°43	22° 9	17°29	25°18	24°54	20°33	24°35	T 27
W28	20 22 17	5°29'13	13°48	19°12	21°41	10°38	16°13	18° 3	28°42	22° 8	17°31	25°19	24°51	20°39	24°34	W28
T 29	20 26 14	6°26'30	25°37	21° 5	22°55	10°21	16°25	18°10	28°42	22° 6	17°32	25°20	24°48	20°46	24°32	T 29
F 30	20 30 10	7°23'47	7♋29	22°57	24° 8	10° 4	16°36	18°18	28°41	22° 5	17°33	25°21	24°44	20°53	24°30	F 30
S 31	20 34 7	8♌21'04	19♋27	24♌46	25♋21	9♒47	16♍47	18♌26	28♏41	22♒ 3	17♋35	25°R22	24♋41	20♊59	24♓28	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	22n56	19n25	3s16	21n54	1s13	21n51	0s58	20s20	4s15	8n 4	0n59	16n51	0n34	19s36	0n16	13s46	0n 6	16n43	5s33	20n56	20n46	19n31	2n26	4n49	
F 2	22 52	20 56	2 21	22 10	1 1	21 59	0 56	20 24	4 19	8 1	0 59	16 49	0 34	19 35	0 16	13 46	0 6	16 43	5 33	20 57	20 46	19 32	2 26	4 49	
S 3	22 47	21 32	1 20	22 25	0 50	22 6	0 54	20 29	4 23	7 57	0 59	16 47	0 34	19 35	0 16	13 47	0 6	16 43	5 33	20 57	20 47	19 34	2 26	4 49	
S 4	22 42	21 9	0 14	22 38	0 39	22 13	0 52	20 33	4 28	7 54	0 59	16 45	0 34	19 35	0 16	13 47	0 6	16 43	5 33	20 57	20 48	19 35	2 26	4 49	
M 5	22 36	19 48	0n52	22 50	0 27	22 19	0 49	20 38	4 32	7 50	0 59	16 43	0 34	19 34	0 16	13 47	0 6	16 42	5 33	20 57	20 48	19 36	2 26	4 50	
T 6	22 30	17 31	1 58	22 59	0 16	22 24	0 47	20 44	4 36	7 46	0 59	16 41	0 35	19 34	0 16	13 48	0 6	16 42	5 33	20 57	20 49	19 37	2 26	4 50	
W 7	22 24	14 24	2 58	23 7	0 5	22 29	0 45	20 49	4 41	7 43	0 59	16 39	0 35	19 34	0 16	13 48	0 6	16 42	5 33	20 57	20 49	19 39	2 26	4 50	
T 8	22 17	10 34	3 51	23 12	0n 6	22 33	0 42	20 54	4 45	7 39	0 59	16 37	0 35	19 33	0 16	13 48	0 6	16 42	5 33	20 56	20 50	19 40	2 26	4 50	
F 9	22 10	6 11	4 34	23 15	0 17	22 37	0 40	21 0	4 49	7 35	0 59	16 35	0 35	19 33	0 16	13 49	0 6	16 42	5 33	20 56	20 51	19 41	2 26	4 50	
S 10	22 3	1 26	5 3	23 16	0 27	22 40	0 37	21 6	4 53	7 31	0 58	16 33	0 35	19 33	0 16	13 49	0 6	16 42	5 33	20 56	20 51	19 42	2 26	4 51	
S 11	21 55	3s31	5 17	23 14	0 37	22 42	0 35	21 12	4 58	7 27	0 58	16 31	0 35	19 33	0 16	13 50	0 6	16 42	5 33	20 56	20 52	19 44	2 26	4 51	
M12	21 47	8 25	5 12	23 10	0 47	22 44	0 32	21 18	5 2	7 24	0 58	16 29	0 35	19 32	0 16	13 50	0 5	16 42	5 33	20 56	20 52	19 45	2 26	4 51	
T 13	21 38	12 59	4 49	23 2	0 56	22 45	0 30	21 25	5 6	7 20	0 58	16 27	0 35	19 32	0 16	13 51	0 5	16 41	5 33	20 56	20 53	19 46	2 26	4 51	
W14	21 29	16 53	4 6	22 52	1 4	22 45	0 28	21 31	5 10	7 16	0 58	16 25	0 35	19 32	0 16	13 51	0 5	16 41	5 33	20 56	20 53	19 47	2 26	4 51	
T 15	21 20	19 46	3 7	22 40	1 12	22 45	0 25	21 38	5 14	7 12	0 58	16 22	0 35	19 32	0 16	13 51	0 5	16 41	5 33	20 56	20 54	19 49	2 26	4 52	
F 16	21 10	21 19	1 54	22 25	1 19	22 44	0 23	21 45	5 18	7 8	0 58	16 20	0 35	19 31	0 16	13 52	0 5	16 41	5 33	20 56	20 55	19 50	2 25	4 52	
S 17	21 0	21 21	0 33	22 7	1 26	22 42	0 20	21 52	5 22	7 4	0 58	16 18	0 35	19 31	0 16	13 52	0 5	16 41	5 33	20 56	20 55	19 51	2 25	4 52	
S 18	20 50	19 53	0s49	21 47	1 31	22 40	0 17	21 59	5 26	7 0	0 58	16 16	0 35	19 31	0 16	13 53	0 5	16 41	5 33	20 56	20 56	19 52	2 25	4 52	
M19	20 39	17 7	2 6	21 24	1 36	22 37	0 15	22 6	5 29	6 55	0 58	16 14	0 35	19 31	0 16	13 53	0 5	16 41	5 33	20 56	20 56	19 53	2 25	4 52	
T 20	20 28	13 23	3 14	21 0	1 40	22 33	0 12	22 13	5 33	6 51	0 58	16 12	0 35	19 31	0 16	13 54	0 5	16 40	5 33	20 56	20 57	19 55	2 24	4 52	
W21	20 16	9 1	4 9	20 33	1 44	22 29	0 10	22 21	5 36	6 47	0 58	16 9	0 35	19 31	0 16	13 54	0 5	16 40	5 33	20 57	20 57	19 56	2 24	4 53	
T 22	20 4	4 21	4 47	20 4	1 46	22 24	0 7	22 28	5 40	6 43	0 58	16 7	0 35	19 30	0 16	13 55	0 5	16 40	5 33	20 57	20 58	19 57	2 24	4 53	
F 23	19 52	0n22	5 10	19 34	1 48	22 18	0 5	22 35	5 43	6 39	0 58	16 5	0 36	19 30	0 16	13 55	0 5	16 40	5 33	20 57	20 59	19 58	2 23	4 53	
S 24	19 40	4 56	5 17	19 2	1 49	22 12	0 2	22 43	5 46	6 34	0 57	16 3	0 36	19 30	0 16	13 56	0 5	16 40	5 33	20 57	20 59	20 0	2 23	4 53	
S 25	19 27	9 12	5 10	18 28	1 50	22 5	0n 0	22 50	5 49	6 30	0 57	16 1	0 36	19 30	0 16	13 56	0 5	16 40	5 33	20 57	21 0	20 1	2 23	4 53	
M26	19 14	13 1	4 48	17 53	1 50	21 58	0 3	22 57	5 52	6 26	0 57	15 58	0 36	19 30	0 16	13 57	0 5	16 40	5 32	20 57	21 0	20 2	2 22	4 53	
T 27	19 0	16 16	4 15	17 17	1 49	21 50	0 5	23 4	5 55	6 21	0 57	15 56	0 36	19 30	0 15	13 57	0 5	16 39	5 32	20 57	21 1	20 3	2 22	4 54	
W28	18 47	18 50	3 31	16 40	1 47	21 41	0 8	23 12	5 58	6 17	0 57	15 54	0 36	19 30	0 15	13 58	0 5	16 39	5 32	20 56	21 1	20 4	2 21	4 54	
T 29	18 33	20 35	2 38	16 2	1 45	21 31	0 10	23 19	6 0	6 13	0 57	15 52	0 36	19 30	0 15	13 58	0 5	16 39	5 32	20 56	21 2	20 6	2 21	4 54	
F 30	18 18	21 27	1 38	15 23	1 42	21 21	0 12	23 26	6 3	6 8	0 57	15 49	0 36	19 29	0 15	13 59	0 5	16 39	5 32	20 56	21 3	20 7	2 20	4 54	
S 31	18n 4	21n21	0s33	14n43	1n38	21n11	0n15	23s32	6s 5	6n 4	0n57	15n47	0n36	19s29	0n15	13s59	0n 5	16n39	5s32	20n56	21n 3	20n 8	2n20	4n54	

Julian Day Number = 2873215.5, Delta T = 01h12m54s
Ecliptic obliquity = 23°17'19, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°54'27, Lahiri = 40°01'28

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ASTRODIENST EPHEMERIS for the year 3154
geocentric

AUGUST 3154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 38 4	9♌18'22	1♌33	26♌34	26♋35	9°R29	16♍59	18♌33	28°R41	22°R 2	17♋36	25°R22	24♋38	21♊ 6	24°R27	S 1
M 2	20 42 0	10°15'39	13°50	28°20	27°48	9♒12	17°11	18°41	28♏40	22♒ 0	17°38	25♋21	24°35	21°13	24♓25	M 2
T 3	20 45 57	11°12'57	26°20	0♍ 3	29° 2	8°54	17°22	18°49	28°40	21°58	17°39	25°20	24°32	21°19	24°23	T 3
W 4	20 49 53	12°10'15	9♍ 2	1°45	0♌15	8°37	17°34	18°56	28°40	21°57	17°40	25°18	24°29	21°26	24°21	W 4
T 5	20 53 50	13° 7'33	21°58	3°25	1°29	8°19	17°46	19° 4	28°40	21°55	17°42	25°15	24°25	21°33	24°19	T 5
F 6	20 57 46	14° 4'52	5♎ 9	5° 3	2°43	8° 2	17°57	19°12	28°40	21°54	17°43	25°13	24°22	21°39	24°17	F 6
S 7	21 1 43	15° 2'10	18°34	6°39	3°56	7°45	18° 9	19°19	28°D40	21°52	17°44	25°10	24°19	21°46	24°15	S 7
S 8	21 5 39	15°59'29	2♏13	8°13	5°10	7°28	18°21	19°27	28°40	21°50	17°45	25° 9	24°16	21°53	24°13	S 8
M 9	21 9 36	16°56'48	16° 6	9°45	6°23	7°11	18°33	19°35	28°40	21°49	17°47	25°D 8	24°13	21°59	24°11	M 9
T 10	21 13 33	17°54'07	0♐13	11°16	7°37	6°54	18°45	19°43	28°40	21°47	17°48	25° 9	24° 9	22° 6	24° 9	T 10
W11	21 17 29	18°51'26	14°32	12°44	8°51	6°38	18°57	19°50	28°40	21°46	17°49	25°10	24° 6	22°13	24° 7	W11
T 12	21 21 26	19°48'46	29° 1	14°10	10° 4	6°23	19° 9	19°58	28°41	21°44	17°51	25°11	24° 3	22°19	24° 4	T 12
F 13	21 25 22	20°46'05	13♑35	15°34	11°18	6° 7	19°21	20° 6	28°41	21°42	17°52	25°12	24° 0	22°26	24° 2	F 13
S 14	21 29 19	21°43'26	28°10	16°57	12°32	5°52	19°33	20°14	28°41	21°41	17°53	25°R13	23°57	22°33	24° 0	S 14
S 15	21 33 15	22°40'46	12♒41	18°17	13°45	5°38	19°46	20°21	28°42	21°39	17°54	25°12	23°54	22°39	23°57	S 15
M16	21 37 12	23°38'08	27° 1	19°35	14°59	5°24	19°58	20°29	28°42	21°37	17°56	25°10	23°50	22°46	23°55	M16
T 17	21 41 8	24°35'29	11♓ 5	20°51	16°13	5°11	20°10	20°37	28°43	21°36	17°57	25° 6	23°47	22°53	23°53	T 17
W18	21 45 5	25°32'52	24°50	22° 5	17°27	4°58	20°22	20°45	28°43	21°34	17°58	25° 2	23°44	22°59	23°50	W18
T 19	21 49 2	26°30'15	8♈12	23°16	18°40	4°46	20°35	20°52	28°44	21°33	17°59	24°57	23°41	23° 6	23°48	T 19
F 20	21 52 58	27°27'40	21°11	24°25	19°54	4°35	20°47	21° 0	28°45	21°31	18° 0	24°52	23°38	23°13	23°45	F 20
S 21	21 56 55	28°25'05	3♉49	25°32	21° 8	4°24	21° 0	21° 8	28°45	21°29	18° 1	24°49	23°35	23°19	23°43	S 21
S 22	22 0 51	29°22'32	16° 8	26°36	22°22	4°14	21°12	21°15	28°46	21°28	18° 3	24°46	23°31	23°26	23°40	S 22
M23	22 4 48	0♍19'59	28°13	27°37	23°36	4° 4	21°25	21°23	28°47	21°26	18° 4	24°D45	23°28	23°33	23°38	M23
T 24	22 8 44	1°17'28	10♊ 8	28°36	24°50	3°55	21°37	21°31	28°48	21°25	18° 5	24°46	23°25	23°39	23°35	T 24
W25	22 12 41	2°14'58	21°58	29°32	26° 4	3°47	21°50	21°38	28°49	21°23	18° 6	24°47	23°22	23°46	23°32	W25
T 26	22 16 37	3°12'30	3♋48	0♎25	27°18	3°40	22° 3	21°46	28°50	21°21	18° 7	24°49	23°19	23°53	23°30	T 26
F 27	22 20 34	4°10'02	15°43	1°15	28°32	3°34	22°15	21°54	28°51	21°20	18° 8	24°50	23°15	23°59	23°27	F 27
S 28	22 24 31	5° 7'36	27°46	2° 1	29°46	3°28	22°28	22° 1	28°52	21°18	18° 9	24°R50	23°12	24° 6	23°24	S 28
S 29	22 28 27	6° 5'10	10♌ 2	2°44	1♍ 0	3°24	22°41	22° 9	28°53	21°17	18°10	24°49	23° 9	24°13	23°22	S 29
M30	22 32 24	7° 2'46	22°33	3°24	2°14	3°20	22°53	22°17	28°54	21°15	18°11	24°46	23° 6	24°19	23°19	M30
T 31	22 36 20	8♍ 0'23	5♍21	4♎ 0	3♍28	3♒16	23♍ 6	22♌24	28♏55	21♒13	18♋12	24♋41	23♋ 3	24♊26	23♓16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n49	20n15	0n34	14n 3	1n34	20n59	0n17	23s39	6s 7	5n59	0n57	15n45	0n36	19s29	0n15	14s 0	0n 5	16n39	5s32	20n56	21n 4	20n 9	2n19	4n54
M 2	17 34	18 10	1 40	13 23	1 29	20 48	0 20	23 46	6 9	5 55	0 57	15 42	0 36	19 29	0 15	14 0	0 5	16 38	5 32	20 56	21 4	20 10	2 18	4 55
T 3	17 18	15 13	2 43	12 42	1 24	20 35	0 22	23 52	6 10	5 50	0 57	15 40	0 36	19 29	0 15	14 1	0 5	16 38	5 32	20 56	21 5	20 11	2 18	4 55
W 4	17 2	11 31	3 39	12 1	1 19	20 22	0 24	23 58	6 12	5 46	0 57	15 38	0 36	19 29	0 15	14 1	0 5	16 38	5 32	20 57	21 5	20 13	2 17	4 55
T 5	16 46	7 13	4 24	11 19	1 12	20 8	0 27	24 4	6 13	5 41	0 57	15 35	0 36	19 29	0 15	14 2	0 5	16 38	5 32	20 57	21 6	20 14	2 17	4 55
F 6	16 30	2 30	4 56	10 37	1 6	19 54	0 29	24 10	6 14	5 36	0 57	15 33	0 37	19 29	0 15	14 2	0 5	16 38	5 32	20 58	21 7	20 15	2 16	4 55
S 7	16 13	2s24	5 13	9 56	0 59	19 39	0 31	24 16	6 15	5 32	0 57	15 31	0 37	19 29	0 15	14 3	0 5	16 38	5 32	20 58	21 7	20 16	2 15	4 55
S 8	15 57	7 16	5 13	9 14	0 52	19 24	0 34	24 21	6 16	5 27	0 57	15 28	0 37	19 29	0 15	14 3	0 5	16 37	5 32	20 58	21 8	20 17	2 14	4 55
M 9	15 40	11 51	4 54	8 32	0 44	19 8	0 36	24 26	6 17	5 22	0 57	15 26	0 37	19 29	0 15	14 4	0 5	16 37	5 32	20 58	21 8	20 18	2 14	4 55
T 10	15 22	15 52	4 18	7 51	0 36	18 52	0 38	24 31	6 17	5 18	0 57	15 24	0 37	19 29	0 15	14 4	0 5	16 37	5 32	20 58	21 9	20 19	2 13	4 55
W11	15 5	19 0	3 25	7 10	0 27	18 35	0 40	24 35	6 18	5 13	0 57	15 21	0 37	19 30	0 15	14 5	0 5	16 37	5 32	20 58	21 9	20 21	2 12	4 56
T 12	14 47	20 58	2 19	6 29	0 18	18 17	0 42	24 39	6 18	5 8	0 57	15 19	0 37	19 30	0 15	14 6	0 5	16 37	5 32	20 58	21 10	20 22	2 11	4 56
F 13	14 29	21 33	1 4	5 48	0 9	17 59	0 44	24 43	6 18	5 4	0 57	15 17	0 37	19 30	0 15	14 6	0 5	16 37	5 33	20 58	21 10	20 23	2 11	4 56
S 14	14 11	20 40	0s16	5 7	0s 0	17 41	0 46	24 47	6 18	4 59	0 57	15 14	0 37	19 30	0 15	14 7	0 5	16 36	5 33	20 58	21 11	20 24	2 10	4 56
S 15	13 52	18 25	1 34	4 27	0 10	17 22	0 48	24 50	6 17	4 54	0 57	15 12	0 37	19 30	0 15	14 7	0 5	16 36	5 33	20 58	21 11	20 25	2 9	4 56
M16	13 33	15 2	2 46	3 48	0 20	17 2	0 50	24 53	6 17	4 49	0 57	15 10	0 37	19 30	0 15	14 8	0 5	16 36	5 33	20 58	21 12	20 26	2 8	4 56
T 17	13 15	10 50	3 45	3 9	0 30	16 42	0 52	24 56	6 16	4 44	0 57	15 7	0 37	19 30	0 15	14 8	0 5	16 36	5 33	20 59	21 13	20 27	2 7	4 56
W18	12 55	6 11	4 30	2 31	0 40	16 22	0 54	24 58	6 15	4 39	0 57	15 5	0 38	19 30	0 15	14 9	0 5	16 36	5 33	21 0	21 13	20 28	2 6	4 56
T 19	12 36	1 21	4 59	1 53	0 51	16 1	0 56	25 0	6 14	4 35	0 57	15 3	0 38	19 31	0 15	14 9	0 5	16 35	5 33	21 0	21 14	20 29	2 5	4 56
F 20	12 17	3n23	5 12	1 16	1 1	15 40	0 58	25 2	6 13	4 30	0 57	15 0	0 38	19 31	0 15	14 10	0 5	16 35	5 33	21 1	21 14	20 31	2 5	4 56
S 21	11 57	7 52	5 9	0 40	1 12	15 18	0 59	25 3	6 12	4 25	0 56	14 58	0 38	19 31	0 15	14 10	0 5	16 35	5 33	21 2	21 15	20 32	2 4	4 56
S 22	11 37	11 55	4 51	0 4	1 23	14 56	1 1	25 4	6 10	4 20	0 56	14 55	0 38	19 31	0 15	14 11	0 5	16 35	5 33	21 2	21 15	20 33	2 3	4 56
M23	11 17	15 24	4 21	0s30	1 34	14 33	1 3	25 5	6 9	4 15	0 56	14 53	0 38	19 31	0 15	14 11	0 5	16 35	5 33	21 2	21 16	20 34	2 2	4 57
T 24	10 57	18 12	3 40	1 4	1 45	14 10	1 4	25 6	6 7	4 10	0 56	14 51	0 38	19 31	0 15	14 12	0 5	16 35	5 33	21 2	21 16	20 35	2 1	4 57
W25	10 36	20 14	2 50	1 36	1 57	13 47	1 6	25 6	6 5	4 5	0 56	14 48	0 38	19 32	0 15	14 12	0 5	16 34	5 33	21 2	21 17	20 36	2 0	4 57
T 26	10 16	21 22	1 52	2 7	2 8	13 23	1 7	25 6	6 3	4 0	0 56	14 46	0 38	19 32	0 15	14 13	0 5	16 34	5 33	21 2	21 17	20 37	1 59	4 57
F 27	9 55	21 33	0 50	2 37	2 19	12 59	1 9	25 5	6 1	3 55	0 56	14 44	0 38	19 32	0 15	14 13	0 5	16 34	5 33	21 2	21 18	20 38	1 58	4 57
S 28	9 34	20 44	0n16	3 6	2 30	12 35	1 10	25 4	5 59	3 50	0 56	14 41	0 38	19 32	0 15	14 14	0 5	16 34	5 33	21 2	21 18	20 39	1 57	4 57
S 29	9 13	18 56	1 22	3 33	2 41	12 10	1 11	25 3	5 57	3 45	0 56	14 39	0 39	19 33	0 15	14 14	0 5	16 34	5 33	21 2	21 19	20 40	1 56	4 57
M30	8 52	16 11	2 25	3 59	2 53	11 45	1 13	25 2	5 55	3 40	0 56	14 37	0 39	19 33	0 15	14 15	0 5	16 34	5 33	21 2	21 20	20 41	1 55	4 57
T 31	8n31	12n37	3n22	4s23	3s 3	11n19	1n14	25s 0	5s52	3n35	0n56	14n34	0n39	19s33	0n15	14s15	0n 5	16n33	5s33	21n 3	21n20	20n42	1n53	4n57

Julian Day Number = 2873246.5, Delta T = 01h12m54s
Ecliptic obliquity = 23°17'20, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°54'31, Lahiri = 40°01'32

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ASTRODIENST EPHEMERIS for the year 3154
geocentric

SEPTEMBER 3154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 40 17	8♍58'01	18♍25	4♎31	4♍42	3°R14	23♍19	22♑32	28♏57	21°R12	18♋13	24°R35	23♋ 0	24♊33	23°R13	W 1
T 2	22 44 13	9°55'40	1♎45	4°58	5°56	3♒13	23°32	22°39	28°58	21♒10	18°14	24♋27	22°56	24°39	23♓10	T 2
F 3	22 48 10	10°53'20	15°19	5°21	7°10	3°D12	23°45	22°47	28°59	21° 9	18°15	24°19	22°53	24°46	23° 8	F 3
S 4	22 52 6	11°51'02	29° 4	5°39	8°24	3°12	23°57	22°54	29° 1	21° 7	18°16	24°13	22°50	24°53	23° 5	S 4
S 5	22 56 3	12°48'44	12♏59	5°53	9°39	3°13	24°10	23° 2	29° 2	21° 6	18°17	24° 7	22°47	24°59	23° 2	S 5
M 6	23 0 0	13°46'27	27° 0	6° 1	10°53	3°15	24°23	23° 9	29° 4	21° 4	18°18	24° 4	22°44	25° 6	22°59	M 6
T 7	23 3 56	14°44'11	11♐ 6	6°R 3	12° 7	3°18	24°36	23°17	29° 5	21° 3	18°19	24°D 3	22°41	25°13	22°56	T 7
W 8	23 7 53	15°41'56	25°16	6° 1	13°21	3°22	24°49	23°24	29° 7	21° 2	18°20	24° 3	22°37	25°19	22°53	W 8
T 9	23 11 49	16°39'43	9♑27	5°52	14°35	3°26	25° 2	23°31	29° 9	21° 0	18°21	24° 4	22°34	25°26	22°50	T 9
F 10	23 15 46	17°37'30	23°38	5°38	15°50	3°32	25°15	23°39	29°11	20°59	18°21	24°R 5	22°31	25°33	22°48	F 10
S 11	23 19 42	18°35'18	7♒48	5°17	17° 4	3°38	25°28	23°46	29°12	20°57	18°22	24° 4	22°28	25°39	22°45	S 11
S 12	23 23 39	19°33'07	21°53	4°51	18°18	3°45	25°41	23°53	29°14	20°56	18°23	24° 1	22°25	25°46	22°42	S 12
M13	23 27 35	20°30'58	5♓50	4°20	19°32	3°52	25°54	24° 0	29°16	20°55	18°24	23°56	22°21	25°53	22°39	M13
T 14	23 31 32	21°28'50	19°35	3°43	20°47	4° 1	26° 7	24° 8	29°18	20°53	18°25	23°48	22°18	25°59	22°36	T 14
W15	23 35 29	22°26'43	3♈ 5	3° 0	22° 1	4°10	26°20	24°15	29°20	20°52	18°25	23°39	22°15	26° 6	22°33	W15
T 16	23 39 25	23°24'38	16°18	2°14	23°15	4°20	26°33	24°22	29°22	20°51	18°26	23°29	22°12	26°13	22°30	T 16
F 17	23 43 22	24°22'34	29°11	1°23	24°29	4°31	26°46	24°29	29°24	20°49	18°27	23°19	22° 9	26°19	22°27	F 17
S 18	23 47 18	25°20'33	11♉46	0°29	25°44	4°42	26°59	24°36	29°26	20°48	18°27	23°10	22° 6	26°26	22°24	S 18
S 19	23 51 15	26°18'32	24° 4	29♍33	26°58	4°55	27°12	24°43	29°28	20°47	18°28	23° 3	22° 2	26°32	22°22	S 19
M20	23 55 11	27°16'34	6♊ 8	28°36	28°13	5° 7	27°25	24°50	29°30	20°45	18°29	22°58	21°59	26°39	22°19	M20
T 21	23 59 8	28°14'38	18° 3	27°40	29°27	5°21	27°38	24°57	29°33	20°44	18°29	22°56	21°56	26°46	22°16	T 21
W22	0 3 4	29°12'43	29°52	26°44	0♎41	5°35	27°51	25° 4	29°35	20°43	18°30	22°D56	21°53	26°52	22°13	W22
T 23	0 7 1	0♎10'50	11♋42	25°51	1°56	5°50	28° 4	25°11	29°37	20°42	18°31	22°56	21°50	26°59	22°10	T 23
F 24	0 10 57	1° 8'59	23°38	25° 2	3°10	6° 6	28°17	25°17	29°39	20°41	18°31	22°R56	21°46	27° 6	22° 7	F 24
S 25	0 14 54	2° 7'10	5♌44	24°18	4°25	6°22	28°30	25°24	29°42	20°40	18°32	22°56	21°43	27°12	22° 4	S 25
S 26	0 18 51	3° 5'23	18° 7	23°40	5°39	6°39	28°43	25°31	29°44	20°38	18°32	22°53	21°40	27°19	22° 1	S 26
M27	0 22 47	4° 3'38	0♍48	23° 9	6°54	6°57	28°56	25°38	29°47	20°37	18°33	22°48	21°37	27°26	21°59	M27
T 28	0 26 44	5° 1'54	13°50	22°46	8° 8	7°15	29° 9	25°44	29°49	20°36	18°33	22°40	21°34	27°32	21°56	T 28
W29	0 30 40	6° 0'13	27°15	22°32	9°23	7°34	29°22	25°51	29°52	20°35	18°34	22°30	21°31	27°39	21°53	W29
T 30	0 34 37	6♎58'33	10♎58	22°D26	10♎37	7♒54	29♍35	25♑57	29♏54	20♒34	18♋34	22♋19	21♋27	27♊46	21♓50	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n 9	8n23	4n 9	4s45	3s14	10n53	1n15	24s59	5s50	3n30	0n56	14n32	0n39	19s34	0n15	14s16	0n 5	16n33	5s33	21n 4	21n21	20n43	1n52	4n57
T 2	7 48	3 40	4 44	5 6	3 24	10 27	1 16	24 56	5 47	3 25	0 56	14 29	0 39	19 34	0 15	14 16	0 5	16 33	5 33	21 6	21 21	20 44	1 51	4 57
F 3	7 26	1s19	5 4	5 24	3 34	10 1	1 17	24 54	5 44	3 20	0 56	14 27	0 39	19 34	0 15	14 17	0 5	16 33	5 33	21 7	21 22	20 45	1 50	4 57
S 4	7 4	6 17	5 7	5 40	3 44	9 34	1 18	24 51	5 42	3 15	0 56	14 25	0 39	19 35	0 15	14 17	0 5	16 33	5 33	21 8	21 22	20 47	1 49	4 57
S 5	6 43	11 0	4 51	5 54	3 53	9 7	1 19	24 48	5 39	3 10	0 56	14 22	0 39	19 35	0 15	14 18	0 5	16 33	5 33	21 9	21 23	20 48	1 48	4 57
M 6	6 21	15 10	4 19	6 5	4 2	8 40	1 20	24 45	5 36	3 5	0 56	14 20	0 39	19 35	0 15	14 18	0 5	16 32	5 33	21 10	21 23	20 49	1 47	4 57
T 7	5 58	18 30	3 30	6 13	4 10	8 13	1 21	24 42	5 33	3 0	0 57	14 18	0 39	19 36	0 15	14 19	0 5	16 32	5 33	21 10	21 24	20 50	1 46	4 57
W 8	5 36	20 44	2 29	6 18	4 17	7 45	1 21	24 38	5 30	2 55	0 57	14 15	0 40	19 36	0 14	14 19	0 5	16 32	5 34	21 10	21 24	20 51	1 45	4 57
T 9	5 14	21 40	1 18	6 21	4 23	7 18	1 22	24 34	5 27	2 50	0 57	14 13	0 40	19 36	0 14	14 20	0 5	16 32	5 34	21 10	21 25	20 52	1 43	4 57
F 10	4 52	21 12	0 2	6 20	4 29	6 49	1 23	24 30	5 24	2 45	0 57	14 11	0 40	19 37	0 14	14 20	0 5	16 32	5 34	21 10	21 25	20 53	1 42	4 57
S 11	4 29	19 23	1s13	6 16	4 33	6 21	1 23	24 25	5 21	2 40	0 57	14 9	0 40	19 37	0 14	14 21	0 5	16 32	5 34	21 10	21 26	20 54	1 41	4 56
S 12	4 7	16 23	2 23	6 8	4 35	5 53	1 24	24 20	5 18	2 34	0 57	14 6	0 40	19 38	0 14	14 21	0 5	16 31	5 34	21 10	21 26	20 55	1 40	4 56
M13	3 44	12 29	3 24	5 57	4 37	5 24	1 24	24 16	5 15	2 29	0 57	14 4	0 40	19 38	0 14	14 22	0 5	16 31	5 34	21 11	21 27	20 56	1 39	4 56
T 14	3 21	7 58	4 12	5 42	4 37	4 56	1 24	24 10	5 11	2 24	0 57	14 2	0 40	19 38	0 14	14 22	0 5	16 31	5 34	21 12	21 27	20 57	1 37	4 56
W15	2 59	3 9	4 45	5 24	4 35	4 27	1 25	24 5	5 8	2 19	0 57	13 59	0 40	19 39	0 14	14 22	0 5	16 31	5 34	21 14	21 28	20 58	1 36	4 56
T 16	2 36	1n43	5 2	5 2	4 31	3 58	1 25	23 59	5 5	2 14	0 57	13 57	0 40	19 39	0 14	14 23	0 5	16 31	5 34	21 16	21 28	20 59	1 35	4 56
F 17	2 13	6 23	5 3	4 37	4 25	3 29	1 25	23 54	5 2	2 9	0 57	13 55	0 41	19 40	0 14	14 23	0 5	16 31	5 34	21 17	21 29	21 0	1 34	4 56
S 18	1 50	10 41	4 49	4 9	4 18	2 59	1 25	23 48	4 59	2 4	0 57	13 53	0 41	19 40	0 14	14 24	0 5	16 30	5 34	21 19	21 29	21 1	1 33	4 56
S 19	1 27	14 27	4 21	3 38	4 9	2 30	1 25	23 42	4 55	1 59	0 57	13 51	0 41	19 41	0 14	14 24	0 5	16 30	5 34	21 20	21 30	21 2	1 31	4 56
M20	1 5	17 32	3 43	3 5	3 58	2 1	1 25	23 35	4 52	1 54	0 57	13 48	0 41	19 41	0 14	14 25	0 5	16 30	5 34	21 21	21 30	21 2	1 30	4 56
T 21	0 42	19 51	2 55	2 31	3 45	1 31	1 25	23 29	4 49	1 49	0 57	13 46	0 41	19 42	0 14	14 25	0 5	16 30	5 34	21 21	21 31	21 3	1 29	4 56
W22	0 19	21 17	2 0	1 55	3 30	1 1	1 25	23 22	4 45	1 43	0 57	13 44	0 41	19 42	0 14	14 25	0 5	16 30	5 34	21 21	21 31	21 4	1 28	4 56
T 23	0s 4	21 47	1 0	1 20	3 14	0 32	1 24	23 15	4 42	1 38	0 57	13 42	0 41	19 43	0 14	14 26	0 5	16 30	5 34	21 21	21 32	21 5	1 27	4 55
F 24	0 27	21 18	0n 4	0 45	2 57	0 2	1 24	23 8	4 39	1 33	0 57	13 40	0 41	19 43	0 14	14 26	0 5	16 30	5 35	21 21	21 32	21 6	1 25	4 55
S 25	0 50	19 49	1 8	0 11	2 38	0s28	1 24	23 0	4 35	1 28	0 57	13 37	0 42	19 44	0 14	14 26	0 5	16 29	5 35	21 21	21 33	21 7	1 24	4 55
S 26	1 13	17 22	2 10	0n22	2 19	0 57	1 23	22 53	4 32	1 23	0 57	13 35	0 42	19 44	0 14	14 27	0 5	16 29	5 35	21 22	21 33	21 8	1 23	4 55
M27	1 36	14 2	3 7	0 52	2 0	1 27	1 23	22 45	4 29	1 18	0 57	13 33	0 42	19 45	0 14	14 27	0 5	16 29	5 35	21 23	21 34	21 9	1 22	4 55
T 28	1 59	9 57	3 56	1 19	1 40	1 57	1 22	22 37	4 25	1 13	0 57	13 31	0 42	19 45	0 14	14 28	0 5	16 29	5 35	21 24	21 34	21 10	1 20	4 55
W29	2 22	5 16	4 33	1 43	1 20	2 26	1 22	22 29	4 22	1 8	0 57	13 29	0 42	19 46	0 14	14 28	0 5	16 29	5 35	21 25	21 35	21 11	1 19	4 55
T 30	2s45	0n13	4n56	2n 3	1s 1	2s56	1n21	22s21	4s19	1n 3	0n57	13n27	0n42	19s46	0n14	14s28	0n 5	16n29	5s35	21n27	21n35	21n12	1n18	4n55

Julian Day Number = 2873277.5, Delta T = 01h12m55s
Ecliptic obliquity = 23°17'21, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°54'36, Lahiri = 40°01'36

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ASTRODIENST EPHEMERIS for the year 3154
geocentric

OCTOBER 3154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 38 33	7♎56'55	24♎59	22♍29	11♎52	8♒14	29♍48	26♌ 4	29♏57	20°R33	18♋34	22°R 7	21♋24	27♊52	21°R48	F 1
S 2	0 42 30	8°55'18	9♏11	22°42	13° 6	8°34	0♎ 1	26°10	29°59	20♒32	18°35	21♋56	21°21	27°59	21♓45	S 2
S 3	0 46 26	9°53'43	23°29	23° 3	14°21	8°55	0°13	26°16	0♐ 2	20°31	18°35	21°48	21°18	28° 6	21°42	S 3
M 4	0 50 23	10°52'10	7♐48	23°34	15°35	9°17	0°26	26°23	0° 5	20°31	18°36	21°42	21°15	28°12	21°39	M 4
T 5	0 54 20	11°50'38	22° 5	24°14	16°50	9°40	0°39	26°29	0° 8	20°30	18°36	21°39	21°12	28°19	21°37	T 5
W 6	0 58 16	12°49'08	6♑16	25° 1	18° 4	10° 2	0°52	26°35	0°11	20°29	18°36	21°38	21° 8	28°26	21°34	W 6
T 7	1 2 13	13°47'40	20°20	25°57	19°19	10°26	1° 5	26°41	0°14	20°28	18°36	21°38	21° 5	28°32	21°31	T 7
F 8	1 6 9	14°46'13	4♒17	27° 0	20°33	10°50	1°18	26°47	0°16	20°27	18°37	21°37	21° 2	28°39	21°29	F 8
S 9	1 10 6	15°44'47	18° 7	28°10	21°48	11°14	1°31	26°53	0°19	20°26	18°37	21°35	20°59	28°46	21°26	S 9
S 10	1 14 2	16°43'23	1♓48	29°27	23° 3	11°39	1°43	26°59	0°22	20°26	18°37	21°31	20°56	28°52	21°24	S 10
M11	1 17 59	17°42'01	15°20	0♎48	24°17	12° 4	1°56	27° 5	0°25	20°25	18°37	21°24	20°52	28°59	21°21	M11
T 12	1 21 55	18°40'40	28°41	2°15	25°32	12°30	2° 9	27°11	0°28	20°24	18°38	21°14	20°49	29° 6	21°19	T 12
W13	1 25 52	19°39'21	11♈51	3°46	26°46	12°56	2°22	27°17	0°31	20°24	18°38	21° 2	20°46	29°12	21°16	W13
T 14	1 29 48	20°38'04	24°46	5°20	28° 1	13°23	2°34	27°22	0°34	20°23	18°38	20°48	20°43	29°19	21°14	T 14
F 15	1 33 45	21°36'49	7♉27	6°58	29°16	13°50	2°47	27°28	0°37	20°22	18°38	20°35	20°40	29°26	21°11	F 15
S 16	1 37 42	22°35'36	19°54	8°38	0♏30	14°18	3° 0	27°33	0°41	20°22	18°38	20°23	20°37	29°32	21° 9	S 16
S 17	1 41 38	23°34'25	2♊ 6	10°20	1°45	14°45	3°12	27°39	0°44	20°21	18°38	20°14	20°33	29°39	21° 7	S 17
M18	1 45 35	24°33'16	14° 7	12° 4	2°59	15°14	3°25	27°44	0°47	20°21	18°38	20° 7	20°30	29°45	21° 5	M18
T 19	1 49 31	25°32'10	25°59	13°50	4°14	15°42	3°37	27°50	0°50	20°20	18°R38	20° 3	20°27	29°52	21° 2	T 19
W20	1 53 28	26°31'05	7♋47	15°36	5°29	16°11	3°50	27°55	0°53	20°20	18°38	20° 1	20°24	29°59	21° 0	W20
T 21	1 57 24	27°30'03	19°35	17°23	6°43	16°41	4° 2	28° 0	0°57	20°20	18°38	20°D 0	20°21	0♋ 5	20°58	T 21
F 22	2 1 21	28°29'03	1♌30	19°10	7°58	17°11	4°15	28° 5	1° 0	20°19	18°38	20°R 0	20°18	0°12	20°56	F 22
S 23	2 5 17	29°28'05	13°36	20°57	9°13	17°41	4°27	28°10	1° 3	20°19	18°38	20° 0	20°14	0°19	20°54	S 23
S 24	2 9 14	0♏27'10	25°59	22°44	10°27	18°11	4°39	28°15	1° 7	20°19	18°38	19°57	20°11	0°25	20°52	S 24
M25	2 13 11	1°26'16	8♍43	24°32	11°42	18°42	4°52	28°20	1°10	20°18	18°38	19°53	20° 8	0°32	20°50	M25
T 26	2 17 7	2°25'25	21°52	26°18	12°57	19°13	5° 4	28°25	1°13	20°18	18°38	19°45	20° 5	0°39	20°48	T 26
W27	2 21 4	3°24'36	5♎28	28° 5	14°11	19°45	5°16	28°29	1°17	20°18	18°37	19°36	20° 2	0°45	20°46	W27
T 28	2 25 0	4°23'49	19°28	29°51	15°26	20°16	5°28	28°34	1°20	20°18	18°37	19°24	19°58	0°52	20°44	T 28
F 29	2 28 57	5°23'04	3♏50	1♏36	16°41	20°49	5°40	28°39	1°24	20°18	18°37	19°13	19°55	0°59	20°42	F 29
S 30	2 32 53	6°22'21	18°27	3°21	17°55	21°21	5°52	28°43	1°27	20°17	18°37	19° 2	19°52	1° 5	20°40	S 30
S 31	2 36 50	7♏21'41	3♐11	5♏ 6	19♏10	21♒54	6♎ 4	28♌47	1♐31	20♒17	18♋36	18♋54	19♋49	1♋12	20♓39	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s 8	4s56	5n 1	2n19	0s42	3s26	1n20	22s12	4s16	0n58	0n57	13n25	0n42	19s47	0n14	14s29	0n 5	16n29	5s35	21n29	21n36	21n13	1n17	4n54
S 2	3 31	9 54	4 48	2 31	0 24	3 55	1 19	22 4	4 12	0 53	0 57	13 23	0 42	19 48	0 14	14 29	0 5	16 28	5 35	21 31	21 36	21 14	1 15	4 54
S 3	3 54	14 22	4 17	2 38	0 7	4 25	1 19	21 55	4 9	0 47	0 57	13 21	0 43	19 48	0 14	14 29	0 5	16 28	5 35	21 32	21 37	21 15	1 14	4 54
M 4	4 17	18 1	3 30	2 41	0n10	4 54	1 18	21 46	4 6	0 42	0 58	13 19	0 43	19 49	0 14	14 29	0 5	16 28	5 35	21 33	21 37	21 16	1 13	4 54
T 5	4 39	20 34	2 30	2 40	0 25	5 23	1 17	21 37	4 2	0 37	0 58	13 17	0 43	19 49	0 14	14 30	0 5	16 28	5 35	21 34	21 38	21 16	1 12	4 54
W 6	5 2	21 48	1 20	2 34	0 39	5 53	1 16	21 28	3 59	0 32	0 58	13 15	0 43	19 50	0 14	14 30	0 5	16 28	5 35	21 34	21 38	21 17	1 11	4 53
T 7	5 25	21 39	0 7	2 23	0 52	6 22	1 15	21 18	3 56	0 27	0 58	13 13	0 43	19 51	0 14	14 30	0 5	16 28	5 35	21 34	21 39	21 18	1 9	4 53
F 8	5 47	20 9	1s 7	2 9	1 3	6 51	1 13	21 8	3 53	0 22	0 58	13 11	0 43	19 51	0 14	14 31	0 5	16 28	5 36	21 34	21 39	21 19	1 8	4 53
S 9	6 10	17 27	2 15	1 51	1 14	7 20	1 12	20 59	3 50	0 17	0 58	13 9	0 43	19 52	0 14	14 31	0 5	16 28	5 36	21 34	21 40	21 20	1 7	4 53
S 10	6 32	13 49	3 15	1 29	1 23	7 48	1 11	20 49	3 46	0 12	0 58	13 7	0 44	19 53	0 14	14 31	0 4	16 28	5 36	21 35	21 40	21 21	1 6	4 53
M11	6 54	9 29	4 3	1 4	1 30	8 17	1 9	20 38	3 43	0 7	0 58	13 5	0 44	19 53	0 14	14 31	0 4	16 27	5 36	21 36	21 41	21 22	1 5	4 52
T 12	7 16	4 46	4 38	0 36	1 37	8 45	1 8	20 28	3 40	0 2	0 58	13 4	0 44	19 54	0 14	14 31	0 4	16 27	5 36	21 38	21 41	21 23	1 4	4 52
W13	7 39	0n 6	4 56	0 5	1 42	9 13	1 7	20 18	3 37	0s 3	0 58	13 2	0 44	19 54	0 14	14 32	0 4	16 27	5 36	21 39	21 42	21 23	1 2	4 52
T 14	8 1	4 53	4 59	0s28	1 47	9 41	1 5	20 7	3 34	0 7	0 58	13 0	0 44	19 55	0 14	14 32	0 4	16 27	5 36	21 41	21 42	21 24	1 1	4 52
F 15	8 22	9 23	4 47	1 4	1 50	10 9	1 4	19 56	3 31	0 12	0 58	12 58	0 44	19 56	0 14	14 32	0 4	16 27	5 36	21 43	21 43	21 25	1 0	4 52
S 16	8 44	13 24	4 22	1 41	1 52	10 37	1 2	19 45	3 28	0 17	0 58	12 56	0 44	19 56	0 14	14 32	0 4	16 27	5 36	21 45	21 43	21 26	0 59	4 51
S 17	9 6	16 47	3 45	2 20	1 53	11 4	1 0	19 34	3 25	0 22	0 59	12 55	0 45	19 57	0 14	14 32	0 4	16 27	5 36	21 47	21 44	21 27	0 58	4 51
M18	9 27	19 24	2 58	3 0	1 54	11 31	0 59	19 23	3 22	0 27	0 59	12 53	0 45	19 58	0 14	14 33	0 4	16 27	5 36	21 48	21 44	21 28	0 57	4 51
T 19	9 49	21 10	2 4	3 41	1 53	11 58	0 57	19 11	3 19	0 32	0 59	12 51	0 45	19 58	0 14	14 33	0 4	16 27	5 36	21 48	21 45	21 29	0 56	4 51
W20	10 10	21 59	1 4	4 23	1 52	12 24	0 55	19 0	3 16	0 37	0 59	12 50	0 45	19 59	0 14	14 33	0 4	16 27	5 37	21 48	21 45	21 29	0 55	4 50
T 21	10 31	21 50	0 2	5 5	1 50	12 50	0 53	18 48	3 13	0 42	0 59	12 48	0 45	20 0	0 14	14 33	0 4	16 27	5 37	21 49	21 46	21 30	0 54	4 50
F 22	10 52	20 41	1n 1	5 48	1 48	13 16	0 51	18 36	3 10	0 46	0 59	12 46	0 45	20 0	0 14	14 33	0 4	16 27	5 37	21 49	21 46	21 31	0 52	4 50
S 23	11 13	18 35	2 2	6 31	1 45	13 42	0 49	18 24	3 7	0 51	0 59	12 45	0 45	20 1	0 14	14 33	0 4	16 26	5 37	21 49	21 46	21 32	0 51	4 50
S 24	11 34	15 35	2 58	7 13	1 41	14 7	0 47	18 12	3 4	0 56	0 59	12 43	0 46	20 2	0 14	14 33	0 4	16 26	5 37	21 49	21 47	21 33	0 50	4 49
M25	11 54	11 47	3 48	7 56	1 37	14 32	0 45	18 0	3 1	1 1	0 59	12 42	0 46	20 3	0 14	14 34	0 4	16 26	5 37	21 50	21 47	21 33	0 49	4 49
T 26	12 14	7 18	4 27	8 39	1 33	14 56	0 43	17 47	2 58	1 5	0 59	12 40	0 46	20 3	0 14	14 34	0 4	16 26	5 37	21 51	21 48	21 34	0 48	4 49
W27	12 34	2 20	4 53	9 21	1 28	15 20	0 41	17 34	2 55	1 10	0 59	12 39	0 46	20 4	0 14	14 34	0 4	16 26	5 37	21 52	21 48	21 35	0 47	4 49
T 28	12 54	2s55	5 2	10 3	1 23	15 44	0 39	17 22	2 52	1 15	1 0	12 37	0 46	20 5	0 14	14 34	0 4	16 26	5 37	21 54	21 49	21 36	0 46	4 48
F 29	13 14	8 8	4 52	10 45	1 17	16 8	0 37	17 9	2 50	1 20	1 0	12 36	0 46	20 5	0 14	14 34	0 4	16 26	5 37	21 55	21 49	21 37	0 45	4 48
S 30	13 34	12 59	4 23	11 26	1 12	16 31	0 35	16 56	2 47	1 24	1 0	12 34	0 47	20 6	0 14	14 34	0 4	16 26	5 37	21 57	21 50	21 37	0 44	4 48
S 31	13s53	17s 7	3n37	12s 6	1n 6	16s53	0n33	16s43	2s44	1s29	1n 0	12n33	0n47	20s 7	0n14	14s34	0n 4	16n26	5s37	21n58	21n50	21n38	0n44	4n47

Julian Day Number = 2873307.5, Delta T = 01h12m56s
Ecliptic obliquity = 23°17'21, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°54'40, Lahiri = 40°01'40

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ASTRODIENST EPHEMERIS for the year 3154
geocentric

NOVEMBER 3154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 40 46	8♏21'02	17♐55	6♏49	20♏25	22♒27	6♎16	28♌52	1♐34	20°R17	18°R36	18°R48	19♋46	1♋19	20°R37	M 1
T 2	2 44 43	9°20'24	2♑32	8°32	21°40	23° 0	6°28	28°56	1°38	20°D17	18♋36	18♋45	19°43	1°25	20♓35	T 2
W 3	2 48 40	10°19'49	16°56	10°14	22°54	23°33	6°40	29° 0	1°41	20♒17	18°36	18°D44	19°39	1°32	20°34	W 3
T 4	2 52 36	11°19'15	1♒ 7	11°56	24° 9	24° 7	6°52	29° 4	1°45	20°17	18°35	18°44	19°36	1°39	20°32	T 4
F 5	2 56 33	12°18'43	15° 2	13°37	25°24	24°41	7° 4	29° 8	1°48	20°18	18°35	18°R44	19°33	1°45	20°31	F 5
S 6	3 0 29	13°18'13	28°42	15°17	26°38	25°16	7°15	29°12	1°52	20°18	18°34	18°43	19°30	1°52	20°29	S 6
S 7	3 4 26	14°17'44	12♓ 7	16°57	27°53	25°50	7°27	29°16	1°56	20°18	18°34	18°40	19°27	1°59	20°28	S 7
M 8	3 8 22	15°17'16	25°19	18°36	29° 8	26°25	7°38	29°19	1°59	20°18	18°34	18°34	19°23	2° 5	20°27	M 8
T 9	3 12 19	16°16'51	8♈19	20°15	0♐23	27° 0	7°50	29°23	2° 3	20°18	18°33	18°26	19°20	2°12	20°25	T 9
W10	3 16 15	17°16'27	21° 8	21°52	1°37	27°35	8° 1	29°26	2° 7	20°19	18°33	18°16	19°17	2°18	20°24	W10
T 11	3 20 12	18°16'05	3♉44	23°30	2°52	28°11	8°13	29°29	2°10	20°19	18°32	18° 4	19°14	2°25	20°23	T 11
F 12	3 24 9	19°15'45	16° 9	25° 6	4° 7	28°46	8°24	29°33	2°14	20°19	18°32	17°53	19°11	2°32	20°22	F 12
S 13	3 28 5	20°15'27	28°23	26°42	5°21	29°22	8°35	29°36	2°18	20°20	18°31	17°43	19° 8	2°38	20°21	S 13
S 14	3 32 2	21°15'11	10♊27	28°18	6°36	29°58	8°46	29°39	2°21	20°20	18°31	17°35	19° 4	2°45	20°20	S 14
M15	3 35 58	22°14'57	22°22	29°53	7°51	0♓35	8°57	29°42	2°25	20°20	18°30	17°29	19° 1	2°52	20°19	M15
T 16	3 39 55	23°14'45	4♋11	1♐28	9° 5	1°11	9° 8	29°45	2°29	20°21	18°29	17°26	18°58	2°58	20°18	T 16
W17	3 43 51	24°14'35	15°58	3° 2	10°20	1°48	9°19	29°48	2°33	20°21	18°29	17°D25	18°55	3° 5	20°17	W17
T 18	3 47 48	25°14'27	27°45	4°35	11°35	2°25	9°30	29°50	2°36	20°22	18°28	17°25	18°52	3°12	20°16	T 18
F 19	3 51 44	26°14'21	9♌38	6° 8	12°50	3° 2	9°41	29°53	2°40	20°22	18°28	17°27	18°49	3°18	20°16	F 19
S 20	3 55 41	27°14'17	21°42	7°41	14° 4	3°39	9°51	29°55	2°44	20°23	18°27	17°R28	18°45	3°25	20°15	S 20
S 21	3 59 38	28°14'16	4♍ 2	9°13	15°19	4°16	10° 2	29°58	2°47	20°24	18°26	17°28	18°42	3°32	20°14	S 21
M22	4 3 34	29°14'16	16°44	10°45	16°34	4°54	10°13	29°59	2°51	20°24	18°26	17°26	18°39	3°38	20°14	M22
T 23	4 7 31	0♐14'19	29°50	12°16	17°48	5°31	10°23	0♍ 2	2°55	20°25	18°25	17°22	18°36	3°45	20°13	T 23
W24	4 11 27	1°14'23	13♎25	13°47	19° 3	6° 9	10°33	0° 4	2°59	20°26	18°24	17°17	18°33	3°52	20°13	W24
T 25	4 15 24	2°14'30	27°28	15°18	20°18	6°47	10°44	0° 6	3° 3	20°26	18°23	17°10	18°29	3°58	20°12	T 25
F 26	4 19 20	3°14'38	11♏57	16°48	21°33	7°25	10°54	0° 8	3° 6	20°27	18°22	17° 3	18°26	4° 5	20°12	F 26
S 27	4 23 17	4°14'49	26°47	18°18	22°47	8° 3	11° 4	0° 9	3°10	20°28	18°22	16°56	18°23	4°12	20°12	S 27
S 28	4 27 13	5°15'01	11♐50	19°47	24° 2	8°42	11°14	0°11	3°14	20°29	18°21	16°51	18°20	4°18	20°12	S 28
M29	4 31 10	6°15'15	26°56	21°16	25°17	9°20	11°24	0°13	3°18	20°30	18°20	16°47	18°17	4°25	20°11	M29
T 30	4 35 7	7♐15'31	11♑55	22♐44	26♐32	9♓59	11♎33	0♍14	3♐21	20♒31	18♋19	16°D46	18♋14	4♋31	20♓11	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s12	20s 9	2n36	12s46	1n 0	17s15	0n30	16s29	2s41	1s33	1n 0	12n32	0n47	20s 8	0n13	14s34	0n 4	16n26	5s37	21n59	21n51	21n39	0n43	4n47
T 2	14 31	21 51	1 25	13 25	0 53	17 37	0 28	16 16	2 38	1 38	1 0	12 30	0 47	20 8	0 13	14 34	0 4	16 26	5 37	21 59	21 51	21 40	0 42	4 47
W 3	14 50	22 4	0 10	14 3	0 47	17 58	0 26	16 2	2 36	1 42	1 0	12 29	0 47	20 9	0 13	14 34	0 4	16 26	5 38	21 59	21 52	21 41	0 41	4 47
T 4	15 8	20 51	1s 6	14 41	0 40	18 19	0 23	15 48	2 33	1 47	1 0	12 28	0 47	20 10	0 13	14 34	0 4	16 26	5 38	21 59	21 52	21 41	0 40	4 46
F 5	15 26	18 23	2 15	15 17	0 34	18 39	0 21	15 34	2 30	1 51	1 0	12 27	0 48	20 10	0 13	14 34	0 4	16 26	5 38	21 59	21 52	21 42	0 39	4 46
S 6	15 44	14 55	3 16	15 53	0 27	18 59	0 19	15 20	2 28	1 56	1 1	12 26	0 48	20 11	0 13	14 34	0 4	16 26	5 38	21 59	21 53	21 43	0 38	4 46
S 7	16 2	10 45	4 5	16 28	0 20	19 18	0 16	15 6	2 25	2 0	1 1	12 24	0 48	20 12	0 13	14 34	0 4	16 26	5 38	22 0	21 53	21 44	0 37	4 45
M 8	16 19	6 8	4 40	17 2	0 13	19 37	0 14	14 52	2 23	2 5	1 1	12 23	0 48	20 13	0 13	14 34	0 4	16 26	5 38	22 1	21 54	21 44	0 37	4 45
T 9	16 36	1 18	4 59	17 35	0 7	19 55	0 11	14 38	2 20	2 9	1 1	12 22	0 48	20 13	0 13	14 34	0 4	16 26	5 38	22 2	21 54	21 45	0 36	4 45
W10	16 53	3n30	5 3	18 7	0s 0	20 13	0 9	14 23	2 17	2 14	1 1	12 21	0 48	20 14	0 13	14 34	0 4	16 26	5 38	22 3	21 55	21 46	0 35	4 44
T 11	17 10	8 5	4 53	18 39	0 7	20 30	0 6	14 9	2 15	2 18	1 1	12 20	0 49	20 15	0 13	14 34	0 4	16 26	5 38	22 5	21 55	21 47	0 34	4 44
F 12	17 26	12 17	4 28	19 9	0 14	20 46	0 4	13 54	2 12	2 22	1 1	12 19	0 49	20 16	0 13	14 33	0 4	16 26	5 38	22 6	21 56	21 47	0 34	4 44
S 13	17 42	15 54	3 52	19 38	0 21	21 2	0 1	13 39	2 10	2 26	1 2	12 18	0 49	20 16	0 13	14 33	0 4	16 26	5 38	22 7	21 56	21 48	0 33	4 43
S 14	17 58	18 49	3 5	20 6	0 28	21 18	0s 1	13 24	2 7	2 31	1 2	12 17	0 49	20 17	0 13	14 33	0 4	16 26	5 38	22 8	21 57	21 49	0 32	4 43
M15	18 13	20 54	2 10	20 33	0 34	21 32	0 4	13 9	2 5	2 35	1 2	12 17	0 49	20 18	0 13	14 33	0 4	16 26	5 38	22 9	21 57	21 49	0 32	4 43
T 16	18 28	22 3	1 11	20 59	0 41	21 47	0 6	12 54	2 2	2 39	1 2	12 16	0 49	20 19	0 13	14 33	0 4	16 26	5 38	22 10	21 57	21 50	0 31	4 43
W17	18 43	22 13	0 8	21 25	0 48	22 0	0 9	12 38	2 0	2 43	1 2	12 15	0 50	20 19	0 13	14 33	0 4	16 26	5 38	22 10	21 58	21 51	0 30	4 42
T 18	18 57	21 23	0n56	21 48	0 54	22 13	0 11	12 23	1 58	2 47	1 2	12 14	0 50	20 20	0 13	14 33	0 4	16 26	5 38	22 10	21 58	21 51	0 30	4 42
F 19	19 11	19 36	1 57	22 11	1 0	22 25	0 14	12 7	1 55	2 51	1 2	12 13	0 50	20 21	0 13	14 33	0 4	16 26	5 39	22 10	21 59	21 52	0 29	4 42
S 20	19 25	16 56	2 54	22 33	1 7	22 37	0 16	11 52	1 53	2 55	1 3	12 13	0 50	20 21	0 13	14 32	0 4	16 26	5 39	22 9	21 59	21 53	0 29	4 41
S 21	19 39	13 28	3 45	22 54	1 13	22 48	0 19	11 36	1 51	2 59	1 3	12 12	0 50	20 22	0 13	14 32	0 4	16 26	5 39	22 9	22 0	21 54	0 28	4 41
M22	19 52	9 18	4 26	23 13	1 19	22 58	0 21	11 20	1 48	3 3	1 3	12 11	0 50	20 23	0 13	14 32	0 4	16 26	5 39	22 10	22 0	21 54	0 27	4 41
T 23	20 4	4 35	4 55	23 31	1 25	23 8	0 24	11 4	1 46	3 7	1 3	12 11	0 51	20 24	0 13	14 32	0 4	16 26	5 39	22 10	22 0	21 55	0 27	4 40
W24	20 17	0s31	5 8	23 49	1 30	23 17	0 26	10 48	1 44	3 11	1 3	12 10	0 51	20 24	0 13	14 32	0 4	16 26	5 39	22 11	22 1	21 56	0 26	4 40
T 25	20 29	5 46	5 4	24 4	1 36	23 25	0 29	10 32	1 41	3 15	1 3	12 10	0 51	20 25	0 13	14 31	0 4	16 26	5 39	22 12	22 1	21 56	0 26	4 40
F 26	20 40	10 52	4 41	24 19	1 41	23 33	0 31	10 16	1 39	3 19	1 4	12 9	0 51	20 26	0 13	14 31	0 4	16 26	5 39	22 13	22 2	21 57	0 26	4 39
S 27	20 52	15 27	3 58	24 33	1 47	23 40	0 34	10 0	1 37	3 22	1 4	12 9	0 51	20 27	0 13	14 31	0 4	16 26	5 39	22 13	22 2	21 58	0 25	4 39
S 28	21 3	19 7	2 58	24 45	1 52	23 46	0 36	9 43	1 35	3 26	1 4	12 9	0 52	20 27	0 13	14 31	0 4	16 26	5 39	22 14	22 3	21 58	0 25	4 39
M29	21 13	21 29	1 46	24 56	1 56	23 51	0 39	9 27	1 33	3 30	1 4	12 8	0 52	20 28	0 13	14 30	0 4	16 27	5 39	22 15	22 3	21 59	0 24	4 38
T 30	21s23	22s19	0n26	25s 6	2s 1	23s56	0s41	9s11	1s31	3s33	1n 4	12n 8	0n52	20s29	0n13	14s30	0n 4	16n27	5s39	22n15	22n 3	21n59	0n24	4n38

Julian Day Number = 2873338.5, Delta T = 01h12m56s
Ecliptic obliquity = 23°17'21, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°54'44, Lahiri = 40°01'45

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3154
geocentric

DECEMBER 3154 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 39 3	8♐15'48	26♑41	24♐12	27♐46	10♓38	11♎43	0♍15	3♐25	20♒32	18°R18	16♋46	18♋10	4♋38	20°D11	W 1
T 2	4 43 0	9°16'06	11♒ 8	25°40	29° 1	11°17	11°53	0°16	3°29	20°33	18♋17	16°47	18° 7	4°45	20♓11	T 2
F 3	4 46 56	10°16'26	25°13	27° 7	0♑16	11°56	12° 2	0°17	3°33	20°34	18°17	16°49	18° 4	4°51	20°12	F 3
S 4	4 50 53	11°16'47	8♓57	28°33	1°30	12°35	12°11	0°18	3°36	20°35	18°16	16°R49	18° 1	4°58	20°12	S 4
S 5	4 54 49	12°17'10	22°19	29°59	2°45	13°14	12°21	0°19	3°40	20°36	18°15	16°49	17°58	5° 5	20°12	S 5
M 6	4 58 46	13°17'33	5♈21	1♑24	4° 0	13°54	12°30	0°20	3°44	20°37	18°14	16°47	17°55	5°11	20°12	M 6
T 7	5 2 42	14°17'58	18° 8	2°48	5°15	14°33	12°39	0°21	3°47	20°38	18°13	16°43	17°51	5°18	20°13	T 7
W 8	5 6 39	15°18'24	0♉40	4°11	6°29	15°13	12°48	0°21	3°51	20°39	18°12	16°38	17°48	5°25	20°13	W 8
T 9	5 10 36	16°18'52	13° 0	5°34	7°44	15°53	12°56	0°21	3°55	20°41	18°11	16°33	17°45	5°31	20°13	T 9
F 10	5 14 32	17°19'21	25°10	6°55	8°59	16°33	13° 5	0°22	3°59	20°42	18°10	16°28	17°42	5°38	20°14	F 10
S 11	5 18 29	18°19'51	7♊12	8°15	10°13	17°12	13°14	0°22	4° 2	20°43	18° 9	16°23	17°39	5°45	20°15	S 11
S 12	5 22 25	19°20'23	19° 7	9°34	11°28	17°52	13°22	0°R22	4° 6	20°44	18° 8	16°19	17°35	5°51	20°15	S 12
M13	5 26 22	20°20'56	0♋58	10°52	12°43	18°32	13°30	0°22	4°10	20°46	18° 7	16°17	17°32	5°58	20°16	M13
T 14	5 30 18	21°21'30	12°45	12° 7	13°57	19°13	13°39	0°22	4°13	20°47	18° 6	16°D15	17°29	6° 5	20°17	T 14
W15	5 34 15	22°22'06	24°32	13°21	15°12	19°53	13°47	0°21	4°17	20°48	18° 5	16°16	17°26	6°11	20°17	W15
T 16	5 38 12	23°22'44	6♌22	14°32	16°27	20°33	13°55	0°21	4°20	20°50	18° 4	16°17	17°23	6°18	20°18	T 16
F 17	5 42 8	24°23'23	18°17	15°41	17°41	21°14	14° 2	0°20	4°24	20°51	18° 3	16°19	17°20	6°25	20°19	F 17
S 18	5 46 5	25°24'03	0♍22	16°46	18°56	21°54	14°10	0°20	4°28	20°53	18° 2	16°20	17°16	6°31	20°20	S 18
S 19	5 50 1	26°24'45	12°41	17°49	20°11	22°35	14°18	0°19	4°31	20°54	18° 0	16°22	17°13	6°38	20°21	S 19
M20	5 53 58	27°25'28	25°19	18°47	21°25	23°15	14°25	0°18	4°35	20°56	17°59	16°R22	17°10	6°44	20°22	M20
T 21	5 57 54	28°26'13	8♎19	19°41	22°40	23°56	14°32	0°17	4°38	20°57	17°58	16°22	17° 7	6°51	20°24	T 21
W22	6 1 51	29°26'59	21°44	20°30	23°54	24°37	14°39	0°16	4°42	20°59	17°57	16°21	17° 4	6°58	20°25	W22
T 23	6 5 47	0♑27'47	5♏38	21°12	25° 9	25°17	14°46	0°15	4°45	21° 0	17°56	16°19	17° 1	7° 4	20°26	T 23
F 24	6 9 44	1°28'36	19°59	21°49	26°24	25°58	14°53	0°14	4°49	21° 2	17°55	16°17	16°57	7°11	20°27	F 24
S 25	6 13 41	2°29'27	4♐44	22°18	27°38	26°39	15° 0	0°12	4°52	21° 4	17°54	16°15	16°54	7°18	20°29	S 25
S 26	6 17 37	3°30'18	19°48	22°39	28°53	27°20	15° 7	0°11	4°56	21° 5	17°53	16°14	16°51	7°24	20°30	S 26
M27	6 21 34	4°31'11	5♑ 1	22°51	0♒ 7	28° 1	15°13	0° 9	4°59	21° 7	17°51	16°13	16°48	7°31	20°32	M27
T 28	6 25 30	5°32'05	20°14	22°R52	1°22	28°42	15°19	0° 7	5° 2	21° 9	17°50	16°D13	16°45	7°38	20°33	T 28
W29	6 29 27	6°33'00	5♒17	22°44	2°37	29°24	15°25	0° 6	5° 6	21°10	17°49	16°13	16°41	7°44	20°35	W29
T 30	6 33 23	7°33'55	20° 3	22°24	3°51	0♈ 5	15°31	0° 4	5° 9	21°12	17°48	16°14	16°38	7°51	20°37	T 30
F 31	6 37 20	8♑34'51	4♓25	21♑53	5♒ 6	0♈46	15♎37	0♍ 2	5♐12	21♒14	17♋47	16♋15	16♋35	7♋58	20♓38	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s33	21s34	0s54	25s15	2s 5	24s 0	0s44	8s54	1s28	3s37	1n 4	12n 8	0n52	20s29	0n13	14s30	0n 4	16n27	5s39	22n15	22n 4	22n 0	0n24	4n37
T 2	21 42	19 24	2 9	25 22	2 9	24 3	0 46	8 37	1 26	3 40	1 5	12 7	0 52	20 30	0 13	14 29	0 4	16 27	5 39	22 15	22 4	22 1	0 23	4 37
F 3	21 51	16 5	3 14	25 28	2 13	24 6	0 49	8 20	1 24	3 44	1 5	12 7	0 53	20 31	0 13	14 29	0 4	16 27	5 39	22 14	22 5	22 1	0 23	4 37
S 4	21 59	11 59	4 7	25 33	2 16	24 8	0 51	8 4	1 22	3 47	1 5	12 7	0 53	20 32	0 13	14 29	0 4	16 27	5 39	22 14	22 5	22 2	0 23	4 36
S 5	22 7	7 24	4 44	25 37	2 19	24 9	0 53	7 47	1 20	3 51	1 5	12 7	0 53	20 32	0 13	14 28	0 4	16 27	5 39	22 14	22 6	22 3	0 23	4 36
M 6	22 15	2 35	5 6	25 39	2 22	24 9	0 55	7 30	1 18	3 54	1 5	12 7	0 53	20 33	0 13	14 28	0 4	16 27	5 39	22 15	22 6	22 3	0 23	4 36
T 7	22 22	2n15	5 12	25 40	2 24	24 9	0 58	7 13	1 16	3 58	1 6	12 7	0 53	20 34	0 13	14 28	0 4	16 27	5 39	22 15	22 6	22 4	0 22	4 35
W 8	22 29	6 53	5 3	25 40	2 26	24 8	1 0	6 56	1 14	4 1	1 6	12 7	0 53	20 34	0 13	14 27	0 4	16 27	5 39	22 16	22 7	22 4	0 22	4 35
T 9	22 35	11 11	4 40	25 38	2 28	24 6	1 2	6 39	1 12	4 4	1 6	12 7	0 54	20 35	0 13	14 27	0 4	16 27	5 39	22 16	22 7	22 5	0 22	4 35
F 10	22 41	14 59	4 4	25 36	2 29	24 3	1 4	6 21	1 10	4 7	1 6	12 7	0 54	20 36	0 13	14 27	0 4	16 28	5 39	22 17	22 8	22 6	0 22	4 34
S 11	22 47	18 7	3 18	25 32	2 30	24 0	1 6	6 4	1 8	4 10	1 6	12 7	0 54	20 36	0 13	14 26	0 4	16 28	5 39	22 18	22 8	22 6	0 22	4 34
S 12	22 52	20 27	2 24	25 26	2 30	23 56	1 8	5 47	1 6	4 13	1 6	12 7	0 54	20 37	0 13	14 26	0 4	16 28	5 39	22 18	22 8	22 7	0 22	4 34
M13	22 56	21 54	1 23	25 20	2 29	23 51	1 10	5 30	1 4	4 16	1 7	12 7	0 54	20 38	0 13	14 25	0 4	16 28	5 39	22 18	22 9	22 7	0 22	4 33
T 14	23 1	22 22	0 19	25 12	2 28	23 46	1 12	5 12	1 2	4 19	1 7	12 8	0 55	20 39	0 13	14 25	0 4	16 28	5 39	22 18	22 9	22 8	0 22	4 33
W15	23 4	21 50	0n46	25 4	2 27	23 40	1 14	4 55	1 1	4 22	1 7	12 8	0 55	20 39	0 13	14 25	0 4	16 28	5 39	22 18	22 10	22 8	0 22	4 33
T 16	23 7	20 19	1 49	24 54	2 24	23 33	1 16	4 37	0 59	4 25	1 7	12 8	0 55	20 40	0 13	14 24	0 4	16 28	5 39	22 18	22 10	22 9	0 22	4 32
F 17	23 10	17 55	2 48	24 43	2 21	23 25	1 18	4 20	0 57	4 28	1 8	12 9	0 55	20 41	0 13	14 24	0 4	16 28	5 39	22 18	22 10	22 10	0 22	4 32
S 18	23 13	14 42	3 40	24 31	2 17	23 17	1 20	4 2	0 55	4 31	1 8	12 9	0 55	20 41	0 13	14 23	0 4	16 29	5 39	22 18	22 11	22 10	0 22	4 32
S 19	23 14	10 49	4 24	24 18	2 13	23 8	1 22	3 45	0 53	4 33	1 8	12 9	0 56	20 42	0 13	14 23	0 4	16 29	5 39	22 18	22 11	22 11	0 22	4 31
M20	23 16	6 23	4 56	24 5	2 7	22 58	1 23	3 27	0 51	4 36	1 8	12 10	0 56	20 42	0 13	14 22	0 4	16 29	5 39	22 18	22 12	22 11	0 22	4 31
T 21	23 17	1 32	5 14	23 50	2 0	22 48	1 25	3 9	0 50	4 39	1 8	12 10	0 56	20 43	0 13	14 22	0 4	16 29	5 39	22 18	22 12	22 12	0 22	4 31
W22	23 17	3s32	5 15	23 36	1 53	22 37	1 27	2 52	0 48	4 41	1 9	12 11	0 56	20 44	0 13	14 21	0 4	16 29	5 39	22 18	22 12	22 12	0 22	4 30
T 23	23 17	8 37	4 59	23 20	1 44	22 25	1 28	2 34	0 46	4 44	1 9	12 12	0 56	20 44	0 13	14 21	0 4	16 29	5 39	22 18	22 13	22 13	0 23	4 30
F 24	23 17	13 23	4 24	23 5	1 34	22 13	1 30	2 16	0 45	4 46	1 9	12 12	0 56	20 45	0 13	14 20	0 4	16 29	5 39	22 18	22 13	22 13	0 23	4 30
S 25	23 16	17 30	3 30	22 49	1 22	22 0	1 31	1 59	0 43	4 48	1 9	12 13	0 57	20 46	0 13	14 20	0 4	16 30	5 39	22 18	22 14	22 14	0 23	4 29
S 26	23 15	20 33	2 21	22 33	1 10	21 46	1 33	1 41	0 41	4 51	1 9	12 14	0 57	20 46	0 13	14 19	0 4	16 30	5 39	22 19	22 14	22 14	0 23	4 29
M27	23 13	22 10	1 2	22 17	0 56	21 32	1 34	1 23	0 40	4 53	1 10	12 14	0 57	20 47	0 13	14 19	0 4	16 30	5 39	22 19	22 14	22 15	0 24	4 29
T 28	23 10	22 9	0s22	22 2	0 41	21 17	1 35	1 6	0 38	4 55	1 10	12 15	0 57	20 47	0 13	14 18	0 4	16 30	5 39	22 19	22 15	22 15	0 24	4 28
W29	23 8	20 31	1 44	21 47	0 24	21 1	1 36	0 48	0 36	4 57	1 10	12 16	0 57	20 48	0 13	14 18	0 3	16 30	5 39	22 19	22 15	22 16	0 24	4 28
T 30	23 4	17 31	2 57	21 33	0 7	20 45	1 37	0 30	0 35	4 59	1 10	12 17	0 58	20 49	0 13	14 17	0 3	16 30	5 39	22 19	22 16	22 16	0 25	4 28
F 31	23s 1	13s31	3s57	21s20	0n12	20s28	1s38	0s12	0s33	5s 1	1n11	12n18	0n58	20s49	0n13	14s17	0n 3	16n31	5s39	22n18	22n16	22n17	0n25	4n27

Julian Day Number = 2873368.5, Delta T = 01h12m57s
Ecliptic obliquity = 23°17'20, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°54'48, Lahiri = 40°01'49

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ASTRODIENST EPHEMERIS for the year 3155
geocentric

JANUARY 3155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 16	9♉35'48	18♓20	21°R10	6♒20	1♈27	15♎43	29°R59	5♐16	21♒16	17°R46	16♋15	16♋32	8♋ 4	20♓40	S 1
S 2	6 45 13	10°36'45	1♈49	20♉16	7°35	2° 9	15°48	29♏57	5°19	21°18	17♋44	16°16	16°29	8°11	20°42	S 2
M 3	6 49 10	11°37'42	14°54	19°12	8°49	2°50	15°54	29°55	5°22	21°19	17°43	16°R16	16°26	8°18	20°44	M 3
T 4	6 53 6	12°38'40	27°37	18° 0	10° 4	3°31	15°59	29°52	5°25	21°21	17°42	16°16	16°22	8°24	20°46	T 4
W 5	6 57 3	13°39'39	10♉ 2	16°42	11°18	4°13	16° 4	29°50	5°29	21°23	17°41	16°15	16°19	8°31	20°48	W 5
T 6	7 0 59	14°40'37	22°12	15°20	12°33	4°54	16° 9	29°47	5°32	21°25	17°40	16°15	16°16	8°37	20°50	T 6
F 7	7 4 56	15°41'37	4♊13	13°57	13°47	5°36	16°13	29°44	5°35	21°27	17°38	16°15	16°13	8°44	20°52	F 7
S 8	7 8 52	16°42'37	16° 6	12°36	15° 1	6°18	16°18	29°42	5°38	21°29	17°37	16°D15	16°10	8°51	20°54	S 8
S 9	7 12 49	17°43'37	27°55	11°19	16°16	6°59	16°22	29°39	5°41	21°31	17°36	16°15	16° 7	8°57	20°56	S 9
M10	7 16 45	18°44'38	9♋43	10° 9	17°30	7°41	16°26	29°36	5°44	21°33	17°35	16°15	16° 3	9° 4	20°58	M10
T 11	7 20 42	19°45'39	21°31	9° 7	18°45	8°22	16°30	29°33	5°47	21°35	17°34	16°R15	16° 0	9°11	21° 1	T 11
W12	7 24 39	20°46'41	3♌22	8°16	19°59	9° 4	16°34	29°29	5°50	21°37	17°32	16°15	15°57	9°17	21° 3	W12
T 13	7 28 35	21°47'43	15°19	7°34	21°13	9°46	16°38	29°26	5°53	21°39	17°31	16°14	15°54	9°24	21° 5	T 13
F 14	7 32 32	22°48'45	27°23	7° 4	22°27	10°27	16°41	29°23	5°56	21°41	17°30	16°14	15°51	9°31	21° 8	F 14
S 15	7 36 28	23°49'49	9♍36	6°44	23°42	11° 9	16°45	29°19	5°58	21°43	17°29	16°13	15°47	9°37	21°10	S 15
S 16	7 40 25	24°50'52	22° 1	6°D34	24°56	11°51	16°48	29°16	6° 1	21°45	17°28	16°11	15°44	9°44	21°13	S 16
M17	7 44 21	25°51'56	4♎41	6°34	26°10	12°33	16°51	29°12	6° 4	21°47	17°26	16°10	15°41	9°51	21°15	M17
T 18	7 48 18	26°53'01	17°39	6°43	27°24	13°14	16°54	29° 8	6° 7	21°49	17°25	16°10	15°38	9°57	21°18	T 18
W19	7 52 14	27°54'06	0♏57	7° 0	28°38	13°56	16°56	29° 5	6° 9	21°51	17°24	16°D10	15°35	10° 4	21°21	W19
T 20	7 56 11	28°55'12	14°38	7°25	29°52	14°38	16°59	29° 1	6°12	21°53	17°23	16°10	15°32	10°10	21°23	T 20
F 21	8 0 8	29°56'18	28°43	7°57	1♓ 6	15°20	17° 1	28°57	6°15	21°56	17°22	16°11	15°28	10°17	21°26	F 21
S 22	8 4 4	0♒57'25	13♐10	8°35	2°21	16° 2	17° 3	28°53	6°17	21°58	17°21	16°12	15°25	10°24	21°29	S 22
S 23	8 8 1	1°58'32	27°57	9°18	3°35	16°44	17° 5	28°49	6°20	22° 0	17°19	16°13	15°22	10°30	21°32	S 23
M24	8 11 57	2°59'39	12♑58	10° 6	4°49	17°26	17° 6	28°45	6°22	22° 2	17°18	16°R14	15°19	10°37	21°34	M24
T 25	8 15 54	4° 0'46	28° 6	10°59	6° 2	18° 7	17° 8	28°41	6°25	22° 4	17°17	16°14	15°16	10°44	21°37	T 25
W26	8 19 50	5° 1'53	13♒11	11°55	7°16	18°49	17° 9	28°36	6°27	22° 6	17°16	16°12	15°13	10°50	21°40	W26
T 27	8 23 47	6° 3'00	28° 4	12°55	8°30	19°31	17°10	28°32	6°30	22° 9	17°15	16°10	15° 9	10°57	21°43	T 27
F 28	8 27 44	7° 4'07	12♓37	13°58	9°44	20°13	17°11	28°28	6°32	22°11	17°14	16° 7	15° 6	11° 4	21°46	F 28
S 29	8 31 40	8° 5'14	26°44	15° 3	10°58	20°55	17°12	28°23	6°34	22°13	17°13	16° 4	15° 3	11°10	21°49	S 29
S 30	8 35 37	9° 6'20	10♈25	16°11	12°12	21°37	17°12	28°19	6°36	22°15	17°11	16° 1	15° 0	11°17	21°52	S 30
M31	8 39 33	10♒ 7'25	23♈37	17♑22	13♓25	22♈19	17♎12	28♌14	6♐38	22♒17	17♋10	15♋59	14♋57	11♋24	21♓56	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s57	8s54	4s41	21s 7	0n31	20s11	1s39	0n 5	0s32	5s 3	1n11	12n19	0n58	20s50	0n13	14s16	0n 3	16n31	5s39	22n18	22n16	22n17	0n25	4n27
S 2	22 52	4 0	5 8	20 56	0 51	19 53	1 40	0 23	0 30	5 5	1 11	12 20	0 58	20 50	0 13	14 16	0 3	16 31	5 39	22 18	22 17	22 18	0 26	4 27
M 3	22 47	0n56	5 18	20 45	1 11	19 34	1 41	0 41	0 29	5 7	1 11	12 21	0 58	20 51	0 13	14 15	0 3	16 31	5 39	22 18	22 17	22 18	0 26	4 27
T 4	22 42	5 42	5 12	20 36	1 30	19 15	1 42	0 59	0 27	5 9	1 12	12 22	0 59	20 52	0 13	14 14	0 3	16 31	5 39	22 18	22 18	22 19	0 27	4 26
W 5	22 36	10 7	4 51	20 27	1 49	18 55	1 43	1 16	0 26	5 10	1 12	12 23	0 59	20 52	0 13	14 14	0 3	16 32	5 39	22 18	22 18	22 19	0 27	4 26
T 6	22 29	14 3	4 18	20 19	2 6	18 35	1 43	1 34	0 24	5 12	1 12	12 24	0 59	20 53	0 13	14 13	0 3	16 32	5 39	22 18	22 18	22 20	0 28	4 26
F 7	22 22	17 21	3 33	20 13	2 22	18 15	1 44	1 52	0 23	5 14	1 12	12 25	0 59	20 53	0 13	14 13	0 3	16 32	5 39	22 18	22 19	22 20	0 28	4 25
S 8	22 15	19 55	2 40	20 7	2 35	17 53	1 44	2 10	0 21	5 15	1 13	12 26	0 59	20 54	0 13	14 12	0 3	16 32	5 39	22 18	22 19	22 20	0 29	4 25
S 9	22 7	21 36	1 40	20 3	2 46	17 32	1 45	2 27	0 20	5 17	1 13	12 27	0 59	20 54	0 13	14 11	0 3	16 32	5 39	22 18	22 19	22 21	0 29	4 25
M10	21 59	22 20	0 36	20 0	2 55	17 10	1 45	2 45	0 18	5 18	1 13	12 28	1 0	20 55	0 13	14 11	0 3	16 32	5 39	22 18	22 20	22 21	0 30	4 24
T 11	21 51	22 4	0n29	19 59	3 1	16 47	1 45	3 3	0 17	5 19	1 13	12 30	1 0	20 55	0 13	14 10	0 3	16 33	5 39	22 18	22 20	22 22	0 31	4 24
W12	21 42	20 48	1 34	19 58	3 4	16 24	1 46	3 20	0 15	5 20	1 14	12 31	1 0	20 56	0 13	14 10	0 3	16 33	5 39	22 18	22 21	22 22	0 31	4 24
T 13	21 32	18 36	2 35	19 59	3 6	16 0	1 46	3 38	0 14	5 22	1 14	12 32	1 0	20 56	0 13	14 9	0 3	16 33	5 39	22 19	22 21	22 23	0 32	4 24
F 14	21 22	15 35	3 29	20 1	3 5	15 36	1 46	3 55	0 13	5 23	1 14	12 34	1 0	20 57	0 13	14 8	0 3	16 33	5 39	22 19	22 21	22 23	0 33	4 23
S 15	21 12	11 52	4 15	20 5	3 3	15 12	1 46	4 13	0 11	5 24	1 14	12 35	1 0	20 57	0 13	14 8	0 3	16 34	5 38	22 19	22 22	22 23	0 33	4 23
S 16	21 1	7 35	4 50	20 9	2 59	14 47	1 45	4 30	0 10	5 25	1 15	12 36	1 1	20 58	0 13	14 7	0 3	16 34	5 38	22 19	22 22	22 24	0 34	4 23
M17	20 50	2 55	5 11	20 14	2 54	14 22	1 45	4 47	0 9	5 26	1 15	12 38	1 1	20 58	0 13	14 6	0 3	16 34	5 38	22 19	22 22	22 24	0 35	4 22
T 18	20 39	1s59	5 17	20 20	2 48	13 56	1 45	5 5	0 7	5 26	1 15	12 39	1 1	20 59	0 13	14 6	0 3	16 34	5 38	22 19	22 23	22 25	0 36	4 22
W19	20 27	6 56	5 7	20 26	2 41	13 31	1 45	5 22	0 6	5 27	1 15	12 41	1 1	20 59	0 13	14 5	0 3	16 34	5 38	22 19	22 23	22 25	0 36	4 22
T 20	20 15	11 40	4 39	20 32	2 33	13 4	1 44	5 39	0 5	5 28	1 16	12 42	1 1	21 0	0 13	14 4	0 3	16 35	5 38	22 19	22 24	22 25	0 37	4 22
F 21	20 2	15 56	3 54	20 38	2 25	12 38	1 44	5 57	0 4	5 28	1 16	12 44	1 1	21 0	0 13	14 4	0 3	16 35	5 38	22 19	22 24	22 26	0 38	4 21
S 22	19 49	19 22	2 53	20 45	2 16	12 11	1 43	6 14	0 2	5 29	1 16	12 45	1 2	21 1	0 13	14 3	0 3	16 35	5 38	22 19	22 24	22 26	0 39	4 21
S 23	19 36	21 37	1 40	20 51	2 7	11 43	1 42	6 31	0 1	5 29	1 16	12 47	1 2	21 1	0 13	14 2	0 3	16 35	5 38	22 19	22 25	22 26	0 40	4 21
M24	19 22	22 22	0 18	20 57	1 58	11 16	1 41	6 48	0 0	5 30	1 17	12 48	1 2	21 1	0 13	14 2	0 3	16 36	5 38	22 19	22 25	22 27	0 41	4 21
T 25	19 8	21 29	1s 5	21 2	1 49	10 48	1 41	7 5	0n 1	5 30	1 17	12 50	1 2	21 2	0 13	14 1	0 3	16 36	5 38	22 19	22 25	22 27	0 41	4 20
W26	18 53	19 3	2 24	21 7	1 39	10 20	1 40	7 22	0 2	5 30	1 17	12 51	1 2	21 2	0 13	14 0	0 3	16 36	5 38	22 19	22 26	22 27	0 42	4 20
T 27	18 39	15 23	3 31	21 11	1 30	9 51	1 39	7 39	0 3	5 30	1 17	12 53	1 2	21 3	0 13	14 0	0 3	16 36	5 38	22 19	22 26	22 28	0 43	4 20
F 28	18 23	10 51	4 23	21 14	1 20	9 23	1 37	7 56	0 5	5 31	1 18	12 55	1 2	21 3	0 13	13 59	0 3	16 36	5 37	22 19	22 26	22 28	0 44	4 20
S 29	18 8	5 51	4 58	21 16	1 11	8 54	1 36	8 12	0 6	5 31	1 18	12 56	1 3	21 3	0 13	13 58	0 3	16 37	5 37	22 20	22 27	22 28	0 45	4 19
S 30	17 52	0 43	5 14	21 18	1 2	8 24	1 35	8 29	0 7	5 30	1 18	12 58	1 3	21 4	0 13	13 57	0 3	16 37	5 37	22 20	22 27	22 29	0 46	4 19
M31	17s36	4n16	5s13	21s18	0n52	7s55	1s34	8n45	0n 8	5s30	1n19	13n 0	1n 3	21s 4	0n13	13s57	0n 3	16n37	5s37	22n20	22n27	22n29	0n47	4n19

Julian Day Number = 2873399.5, Delta T = 01h12m57s
Ecliptic obliquity = 23°17'20, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°54'53, Lahiri = 40°01'53

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ASTRODIENST EPHEMERIS for the year 3155
geocentric

FEBRUARY 3155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 43 30	11♒ 8'30	6♉24	18♋34	14♓39	23♈ 1	17°R13	28°R10	6♐41	22♒20	17°R 9	15°D58	14♋53	11♋30	21♓59	T 1
W 2	8 47 26	12° 9'35	18°50	19°48	15°53	23°43	17♎12	28♌ 5	6°43	22°22	17♋ 8	15♋58	14°50	11°37	22° 2	W 2
T 3	8 51 23	13°10'38	0♊59	21° 4	17° 6	24°25	17°12	28° 1	6°45	22°24	17° 7	15°59	14°47	11°44	22° 5	T 3
F 4	8 55 19	14°11'42	12°55	22°21	18°20	25° 7	17°12	27°56	6°47	22°26	17° 6	16° 1	14°44	11°50	22° 8	F 4
S 5	8 59 16	15°12'44	24°45	23°40	19°33	25°49	17°11	27°51	6°49	22°29	17° 5	16° 3	14°41	11°57	22°12	S 5
S 6	9 3 13	16°13'46	6♋31	25° 0	20°47	26°31	17°10	27°46	6°51	22°31	17° 4	16° 4	14°38	12° 3	22°15	S 6
M 7	9 7 9	17°14'48	18°19	26°21	22° 0	27°12	17° 9	27°42	6°52	22°33	17° 3	16°R 5	14°34	12°10	22°18	M 7
T 8	9 11 6	18°15'48	0♌10	27°43	23°13	27°54	17° 8	27°37	6°54	22°36	17° 2	16° 4	14°31	12°17	22°22	T 8
W 9	9 15 2	19°16'48	12° 9	29° 6	24°26	28°36	17° 7	27°32	6°56	22°38	17° 1	16° 1	14°28	12°23	22°25	W 9
T 10	9 18 59	20°17'48	24°17	0♒30	25°40	29°18	17° 5	27°27	6°58	22°40	17° 0	15°56	14°25	12°30	22°28	T 10
F 11	9 22 55	21°18'46	6♍34	1°55	26°53	0♉ 0	17° 3	27°22	6°59	22°42	16°59	15°50	14°22	12°37	22°32	F 11
S 12	9 26 52	22°19'45	19° 3	3°21	28° 6	0°42	17° 1	27°17	7° 1	22°45	16°58	15°44	14°19	12°43	22°35	S 12
S 13	9 30 48	23°20'42	1♎43	4°48	29°19	1°24	16°59	27°13	7° 2	22°47	16°57	15°37	14°15	12°50	22°39	S 13
M14	9 34 45	24°21'39	14°37	6°15	0♈32	2° 6	16°57	27° 8	7° 4	22°49	16°56	15°31	14°12	12°57	22°42	M14
T 15	9 38 42	25°22'36	27°43	7°43	1°44	2°48	16°54	27° 3	7° 5	22°51	16°55	15°26	14° 9	13° 3	22°46	T 15
W16	9 42 38	26°23'31	11♏ 4	9°12	2°57	3°29	16°51	26°58	7° 7	22°54	16°54	15°23	14° 6	13°10	22°50	W16
T 17	9 46 35	27°24'27	24°40	10°42	4°10	4°11	16°49	26°53	7° 8	22°56	16°54	15°D22	14° 3	13°17	22°53	T 17
F 18	9 50 31	28°25'22	8♐33	12°13	5°23	4°53	16°45	26°48	7° 9	22°58	16°53	15°22	13°59	13°23	22°57	F 18
S 19	9 54 28	29°26'16	22°42	13°44	6°35	5°35	16°42	26°43	7°11	23° 1	16°52	15°23	13°56	13°30	23° 0	S 19
S 20	9 58 24	0♓27'10	7♑ 6	15°16	7°48	6°17	16°39	26°38	7°12	23° 3	16°51	15°24	13°53	13°36	23° 4	S 20
M21	10 2 21	1°28'03	21°44	16°49	9° 0	6°58	16°35	26°33	7°13	23° 5	16°50	15°R24	13°50	13°43	23° 8	M21
T 22	10 6 17	2°28'56	6♒29	18°22	10°12	7°40	16°31	26°28	7°14	23° 7	16°49	15°23	13°47	13°50	23°12	T 22
W23	10 10 14	3°29'47	21°17	19°56	11°25	8°22	16°27	26°24	7°15	23°10	16°49	15°18	13°44	13°56	23°15	W23
T 24	10 14 11	4°30'38	5♓59	21°31	12°37	9° 4	16°23	26°19	7°16	23°12	16°48	15°12	13°40	14° 3	23°19	T 24
F 25	10 18 7	5°31'27	20°27	23° 7	13°49	9°45	16°19	26°14	7°17	23°14	16°47	15° 4	13°37	14°10	23°23	F 25
S 26	10 22 4	6°32'15	4♈36	24°43	15° 1	10°27	16°14	26° 9	7°18	23°16	16°46	14°55	13°34	14°16	23°27	S 26
S 27	10 26 0	7°33'02	18°20	26°20	16°13	11° 9	16°10	26° 4	7°19	23°19	16°46	14°46	13°31	14°23	23°30	S 27
M28	10 29 57	8♓33'47	1♉38	27♒58	17♈25	11♉51	16♎ 5	26♌ 0	7♐19	23♒21	16♋45	14♋39	13♋28	14♋30	23♓34	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s19	8n55	4s56	21s18	0n43	7s26	1s32	9n 2	0n 9	5s30	1n19	13n 1	1n 3	21s 5	0n13	13s56	0n 3	16n37	5s37	22n20	22n28	22n29	0n48	4n19
W 2	17 3	13 4	4 25	21 17	0 34	6 56	1 31	9 18	0 10	5 30	1 19	13 3	1 3	21 5	0 13	13 55	0 3	16 38	5 37	22 20	22 28	22 30	0 49	4 18
T 3	16 45	16 35	3 43	21 14	0 25	6 26	1 29	9 35	0 11	5 30	1 19	13 5	1 3	21 5	0 13	13 55	0 3	16 38	5 37	22 20	22 29	22 30	0 50	4 18
F 4	16 28	19 21	2 52	21 11	0 16	5 56	1 27	9 51	0 12	5 29	1 20	13 7	1 3	21 6	0 13	13 54	0 3	16 38	5 37	22 20	22 29	22 30	0 51	4 18
S 5	16 10	21 17	1 55	21 6	0 8	5 25	1 26	10 7	0 13	5 29	1 20	13 8	1 4	21 6	0 13	13 53	0 3	16 38	5 37	22 20	22 29	22 31	0 53	4 18
S 6	15 52	22 16	0 52	21 0	0s 1	4 55	1 24	10 23	0 14	5 28	1 20	13 10	1 4	21 6	0 13	13 52	0 3	16 39	5 36	22 20	22 30	22 31	0 54	4 18
M 7	15 34	22 15	0n12	20 54	0 9	4 24	1 22	10 39	0 15	5 27	1 20	13 12	1 4	21 6	0 13	13 52	0 3	16 39	5 36	22 20	22 30	22 31	0 55	4 17
T 8	15 16	21 14	1 17	20 46	0 17	3 54	1 20	10 55	0 16	5 27	1 21	13 14	1 4	21 7	0 13	13 51	0 3	16 39	5 36	22 20	22 30	22 32	0 56	4 17
W 9	14 57	19 15	2 18	20 37	0 24	3 23	1 18	11 11	0 17	5 26	1 21	13 15	1 4	21 7	0 13	13 50	0 3	16 39	5 36	22 20	22 31	22 32	0 57	4 17
T 10	14 38	16 24	3 14	20 26	0 32	2 52	1 15	11 27	0 18	5 25	1 21	13 17	1 4	21 7	0 13	13 49	0 3	16 40	5 36	22 21	22 31	22 32	0 58	4 17
F 11	14 18	12 47	4 1	20 15	0 39	2 21	1 13	11 42	0 19	5 24	1 21	13 19	1 4	21 8	0 13	13 49	0 3	16 40	5 36	22 21	22 31	22 32	0 59	4 17
S 12	13 59	8 34	4 38	20 2	0 46	1 50	1 11	11 58	0 20	5 23	1 22	13 21	1 4	21 8	0 13	13 48	0 3	16 40	5 36	22 22	22 32	22 33	1 1	4 16
S 13	13 39	3 56	5 2	19 48	0 53	1 19	1 8	12 13	0 21	5 22	1 22	13 22	1 4	21 8	0 13	13 47	0 3	16 40	5 36	22 23	22 32	22 33	1 2	4 16
M14	13 19	0s57	5 10	19 33	1 0	0 48	1 6	12 28	0 22	5 21	1 22	13 24	1 5	21 8	0 13	13 47	0 3	16 40	5 35	22 24	22 32	22 33	1 3	4 16
T 15	12 59	5 52	5 3	19 17	1 6	0 17	1 3	12 44	0 23	5 20	1 22	13 26	1 5	21 9	0 13	13 46	0 3	16 41	5 35	22 24	22 33	22 33	1 4	4 16
W16	12 38	10 37	4 40	19 0	1 12	0n14	1 1	12 59	0 24	5 19	1 23	13 28	1 5	21 9	0 13	13 45	0 3	16 41	5 35	22 25	22 33	22 34	1 5	4 16
T 17	12 18	14 55	4 1	18 41	1 18	0 45	0 58	13 13	0 25	5 17	1 23	13 30	1 5	21 9	0 13	13 44	0 3	16 41	5 35	22 25	22 33	22 34	1 7	4 16
F 18	11 57	18 31	3 6	18 22	1 23	1 16	0 55	13 28	0 26	5 16	1 23	13 31	1 5	21 9	0 13	13 44	0 3	16 41	5 35	22 25	22 34	22 34	1 8	4 15
S 19	11 36	21 6	2 0	18 1	1 29	1 48	0 53	13 43	0 27	5 14	1 23	13 33	1 5	21 9	0 13	13 43	0 3	16 42	5 35	22 24	22 34	22 34	1 9	4 15
S 20	11 15	22 21	0 45	17 39	1 33	2 19	0 50	13 58	0 27	5 13	1 24	13 35	1 5	21 10	0 13	13 42	0 3	16 42	5 35	22 24	22 34	22 34	1 10	4 15
M21	10 53	22 7	0s34	17 16	1 38	2 50	0 47	14 12	0 28	5 11	1 24	13 37	1 5	21 10	0 13	13 41	0 3	16 42	5 35	22 24	22 35	22 35	1 12	4 15
T 22	10 32	20 20	1 51	16 51	1 42	3 21	0 44	14 26	0 29	5 10	1 24	13 38	1 5	21 10	0 13	13 41	0 3	16 42	5 34	22 25	22 35	22 35	1 13	4 15
W23	10 10	17 11	3 1	16 26	1 47	3 52	0 40	14 41	0 30	5 8	1 24	13 40	1 5	21 10	0 13	13 40	0 3	16 43	5 34	22 25	22 35	22 35	1 14	4 15
T 24	9 48	12 57	3 59	15 59	1 50	4 23	0 37	14 55	0 31	5 6	1 25	13 42	1 5	21 10	0 13	13 39	0 3	16 43	5 34	22 26	22 36	22 35	1 16	4 14
F 25	9 26	8 3	4 39	15 31	1 54	4 54	0 34	15 9	0 31	5 4	1 25	13 43	1 6	21 11	0 13	13 39	0 3	16 43	5 34	22 27	22 36	22 35	1 17	4 14
S 26	9 3	2 48	5 2	15 2	1 57	5 24	0 31	15 23	0 32	5 2	1 25	13 45	1 6	21 11	0 13	13 38	0 3	16 43	5 34	22 28	22 36	22 36	1 18	4 14
S 27	8 41	2n25	5 6	14 32	1 59	5 55	0 27	15 36	0 33	5 0	1 25	13 47	1 6	21 11	0 13	13 37	0 3	16 44	5 34	22 29	22 36	22 36	1 20	4 14
M28	8s19	7n22	4s54	14s 1	2s 2	6n25	0s24	15n50	0n34	4s58	1n25	13n48	1n 6	21s11	0n13	13s36	0n 3	16n44	5s33	22n29	22n37	22n36	1n21	4n14

Julian Day Number = 2873430.5, Delta T = 01h12m58s
Ecliptic obliquity = 23°17'21, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°54'57, Lahiri = 40°01'57

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ASTRODIENST EPHEMERIS for the year 3155
geocentric

MARCH 3155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 33 53	9♓34'31	14♉30	29♒37	18♈36	12♉32	16°R 0	25°R55	7♐20	23♒23	16°R44	14°R34	13♋24	14♋36	23♓38	T 1
W 2	10 37 50	10°35'13	27° 0	1♓17	19°48	13°14	15♎55	25♏50	7°21	23°25	16♋44	14♋31	13°21	14°43	23°42	W 2
T 3	10 41 46	11°35'55	9♊11	2°57	21° 0	13°56	15°49	25°46	7°21	23°27	16°43	14°D29	13°18	14°50	23°46	T 3
F 4	10 45 43	12°36'34	21° 8	4°38	22°11	14°37	15°44	25°41	7°22	23°30	16°42	14°30	13°15	14°56	23°49	F 4
S 5	10 49 39	13°37'12	2♋57	6°20	23°22	15°19	15°38	25°36	7°22	23°32	16°42	14°31	13°12	15° 3	23°53	S 5
S 6	10 53 36	14°37'48	14°44	8° 3	24°33	16° 0	15°33	25°32	7°23	23°34	16°41	14°R31	13° 9	15° 9	23°57	S 6
M 7	10 57 33	15°38'23	26°33	9°47	25°45	16°42	15°27	25°27	7°23	23°36	16°41	14°30	13° 5	15°16	24° 1	M 7
T 8	11 1 29	16°38'56	8♌29	11°32	26°56	17°23	15°21	25°23	7°23	23°38	16°40	14°27	13° 2	15°23	24° 5	T 8
W 9	11 5 26	17°39'28	20°35	13°17	28° 6	18° 5	15°15	25°19	7°23	23°40	16°40	14°22	12°59	15°29	24° 9	W 9
T 10	11 9 22	18°39'58	2♍54	15° 4	29°17	18°46	15° 9	25°14	7°24	23°42	16°39	14°13	12°56	15°36	24°13	T 10
F 11	11 13 19	19°40'26	15°28	16°51	0♉28	19°28	15° 2	25°10	7°24	23°44	16°39	14° 3	12°53	15°43	24°16	F 11
S 12	11 17 15	20°40'53	28°16	18°39	1°38	20° 9	14°56	25° 6	7°24	23°47	16°38	13°51	12°50	15°49	24°20	S 12
S 13	11 21 12	21°41'18	11♎18	20°28	2°49	20°51	14°49	25° 2	7°R24	23°49	16°38	13°39	12°46	15°56	24°24	S 13
M14	11 25 8	22°41'42	24°33	22°18	3°59	21°32	14°43	24°58	7°24	23°51	16°37	13°28	12°43	16° 3	24°28	M14
T 15	11 29 5	23°42'04	8♏ 0	24° 9	5° 9	22°13	14°36	24°54	7°24	23°53	16°37	13°18	12°40	16° 9	24°32	T 15
W16	11 33 2	24°42'25	21°36	26° 1	6°19	22°55	14°29	24°50	7°24	23°55	16°37	13°11	12°37	16°16	24°36	W16
T 17	11 36 58	25°42'45	5♐21	27°54	7°29	23°36	14°22	24°46	7°23	23°57	16°36	13° 7	12°34	16°23	24°40	T 17
F 18	11 40 55	26°43'04	19°14	29°47	8°38	24°17	14°15	24°42	7°23	23°59	16°36	13° 6	12°30	16°29	24°44	F 18
S 19	11 44 51	27°43'21	3♑15	1♈41	9°48	24°59	14° 8	24°38	7°23	24° 1	16°36	13°D 6	12°27	16°36	24°48	S 19
S 20	11 48 48	28°43'37	17°24	3°36	10°57	25°40	14° 0	24°35	7°23	24° 3	16°35	13°R 6	12°24	16°42	24°52	S 20
M21	11 52 44	29°43'52	1♒39	5°31	12° 7	26°21	13°53	24°31	7°22	24° 5	16°35	13° 5	12°21	16°49	24°55	M21
T 22	11 56 41	0♈44'05	15°59	7°26	13°16	27° 2	13°46	24°28	7°22	24° 7	16°35	13° 1	12°18	16°56	24°59	T 22
W23	12 0 37	1°44'16	0♓20	9°21	14°25	27°43	13°38	24°24	7°21	24° 9	16°35	12°55	12°15	17° 2	25° 3	W23
T 24	12 4 34	2°44'26	14°37	11°17	15°34	28°25	13°31	24°21	7°21	24°10	16°35	12°46	12°11	17° 9	25° 7	T 24
F 25	12 8 31	3°44'34	28°46	13°12	16°42	29° 6	13°23	24°18	7°20	24°12	16°34	12°35	12° 8	17°16	25°11	F 25
S 26	12 12 27	4°44'41	12♈39	15° 7	17°51	29°47	13°15	24°15	7°19	24°14	16°34	12°22	12° 5	17°22	25°15	S 26
S 27	12 16 24	5°44'45	26°14	17° 0	18°59	0♊28	13° 8	24°12	7°19	24°16	16°34	12° 9	12° 2	17°29	25°19	S 27
M28	12 20 20	6°44'48	9♉27	18°53	20° 7	1° 9	13° 0	24° 9	7°18	24°18	16°34	11°58	11°59	17°36	25°22	M28
T 29	12 24 17	7°44'49	22°18	20°44	21°15	1°50	12°52	24° 6	7°17	24°20	16°34	11°49	11°56	17°42	25°26	T 29
W30	12 28 13	8°44'48	4♊48	22°33	22°23	2°31	12°45	24° 3	7°16	24°21	16°34	11°43	11°52	17°49	25°30	W30
T 31	12 32 10	9♈44'44	17♊ 1	24♈20	23♉30	3♊12	12♎37	24♏ 0	7♐15	24♒23	16°D34	11♋39	11♋49	17♋56	25♓34	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s56	11n51	4s26	13s28	2s 4	6n56	0s21	16n 3	0n35	4s56	1n26	13n50	1n 6	21s11	0n13	13s36	0n 3	16n44	5s33	22n30	22n37	22n36	1n23	4n14
W 2	7 33	15 41	3 47	12 55	2 5	7 26	0 17	16 16	0 35	4 54	1 26	13 52	1 6	21 11	0 13	13 35	0 3	16 44	5 33	22 30	22 37	22 36	1 24	4 14
T 3	7 10	18 45	2 58	12 20	2 7	7 56	0 13	16 30	0 36	4 52	1 26	13 53	1 6	21 11	0 13	13 34	0 3	16 44	5 33	22 30	22 38	22 36	1 25	4 14
F 4	6 47	20 58	2 2	11 44	2 8	8 26	0 10	16 43	0 37	4 50	1 26	13 55	1 6	21 11	0 13	13 34	0 3	16 45	5 33	22 30	22 38	22 37	1 27	4 13
S 5	6 24	22 14	1 2	11 7	2 8	8 56	0 6	16 55	0 37	4 47	1 26	13 57	1 6	21 11	0 13	13 33	0 3	16 45	5 33	22 30	22 38	22 37	1 28	4 13
S 6	6 1	22 30	0n 1	10 29	2 8	9 25	0 2	17 8	0 38	4 45	1 27	13 58	1 6	21 11	0 13	13 32	0 3	16 45	5 33	22 30	22 39	22 37	1 30	4 13
M 7	5 38	21 46	1 4	9 50	2 8	9 55	0n 1	17 21	0 39	4 43	1 27	14 0	1 6	21 11	0 13	13 32	0 3	16 45	5 32	22 30	22 39	22 37	1 31	4 13
T 8	5 14	20 2	2 5	9 9	2 7	10 24	0 5	17 33	0 40	4 40	1 27	14 1	1 6	21 12	0 13	13 31	0 3	16 46	5 32	22 31	22 39	22 37	1 32	4 13
W 9	4 51	17 23	3 0	8 28	2 6	10 53	0 9	17 45	0 40	4 38	1 27	14 3	1 6	21 12	0 13	13 30	0 3	16 46	5 32	22 31	22 40	22 37	1 34	4 13
T 10	4 27	13 55	3 48	7 46	2 4	11 21	0 13	17 57	0 41	4 35	1 27	14 4	1 6	21 12	0 13	13 29	0 3	16 46	5 32	22 32	22 40	22 37	1 35	4 13
F 11	4 4	9 47	4 26	7 2	2 2	11 50	0 17	18 9	0 42	4 33	1 27	14 6	1 6	21 12	0 13	13 29	0 3	16 46	5 32	22 33	22 40	22 37	1 37	4 13
S 12	3 40	5 9	4 51	6 18	1 59	12 18	0 21	18 21	0 42	4 30	1 28	14 7	1 6	21 12	0 13	13 28	0 3	16 47	5 32	22 34	22 41	22 38	1 38	4 13
S 13	3 17	0 12	5 2	5 32	1 56	12 46	0 25	18 33	0 43	4 27	1 28	14 8	1 6	21 12	0 13	13 27	0 3	16 47	5 31	22 36	22 41	22 38	1 40	4 13
M14	2 53	4s51	4 57	4 46	1 53	13 13	0 29	18 44	0 43	4 25	1 28	14 10	1 6	21 12	0 13	13 27	0 3	16 47	5 31	22 37	22 41	22 38	1 41	4 13
T 15	2 29	9 44	4 35	3 58	1 48	13 41	0 33	18 55	0 44	4 22	1 28	14 11	1 7	21 12	0 13	13 26	0 3	16 47	5 31	22 38	22 41	22 38	1 43	4 12
W16	2 5	14 13	3 58	3 10	1 44	14 8	0 37	19 6	0 45	4 19	1 28	14 13	1 7	21 12	0 13	13 25	0 3	16 47	5 31	22 38	22 42	22 38	1 44	4 12
T 17	1 42	18 0	3 6	2 20	1 38	14 34	0 41	19 17	0 45	4 16	1 28	14 14	1 7	21 12	0 13	13 25	0 3	16 48	5 31	22 39	22 42	22 38	1 45	4 12
F 18	1 18	20 49	2 3	1 30	1 33	15 1	0 45	19 28	0 46	4 13	1 28	14 15	1 7	21 12	0 13	13 24	0 3	16 48	5 31	22 39	22 42	22 38	1 47	4 12
S 19	0 54	22 23	0 52	0 39	1 26	15 27	0 49	19 39	0 46	4 11	1 29	14 16	1 7	21 11	0 13	13 24	0 3	16 48	5 30	22 39	22 43	22 38	1 48	4 12
S 20	0 30	22 33	0s23	0n12	1 19	15 52	0 54	19 49	0 47	4 8	1 29	14 18	1 7	21 11	0 13	13 23	0 3	16 48	5 30	22 39	22 43	22 38	1 50	4 12
M21	0 6	21 14	1 37	1 4	1 12	16 18	0 58	19 59	0 48	4 5	1 29	14 19	1 7	21 11	0 13	13 22	0 3	16 48	5 30	22 39	22 43	22 38	1 51	4 12
T 22	0n17	18 34	2 45	1 57	1 4	16 43	1 2	20 9	0 48	4 2	1 29	14 20	1 7	21 11	0 13	13 22	0 3	16 49	5 30	22 39	22 43	22 38	1 53	4 12
W23	0 41	14 45	3 42	2 50	0 55	17 7	1 6	20 19	0 49	3 59	1 29	14 21	1 7	21 11	0 13	13 21	0 3	16 49	5 30	22 40	22 44	22 38	1 54	4 12
T 24	1 5	10 6	4 26	3 44	0 46	17 31	1 11	20 29	0 49	3 56	1 29	14 22	1 7	21 11	0 13	13 20	0 3	16 49	5 30	22 41	22 44	22 38	1 56	4 12
F 25	1 29	4 58	4 52	4 37	0 36	17 55	1 15	20 38	0 50	3 53	1 29	14 23	1 7	21 11	0 13	13 20	0 3	16 49	5 29	22 42	22 44	22 38	1 57	4 12
S 26	1 52	0n21	5 1	5 31	0 26	18 19	1 19	20 48	0 50	3 50	1 29	14 24	1 7	21 11	0 13	13 19	0 3	16 49	5 29	22 43	22 45	22 38	1 59	4 12
S 27	2 16	5 32	4 52	6 24	0 15	18 42	1 23	20 57	0 51	3 47	1 29	14 25	1 7	21 11	0 13	13 19	0 3	16 50	5 29	22 44	22 45	22 38	2 0	4 12
M28	2 40	10 19	4 27	7 17	0 4	19 4	1 28	21 6	0 51	3 44	1 29	14 26	1 7	21 11	0 13	13 18	0 3	16 50	5 29	22 45	22 45	22 38	2 2	4 12
T 29	3 3	14 32	3 50	8 10	0n 8	19 26	1 32	21 15	0 52	3 41	1 29	14 27	1 7	21 10	0 13	13 17	0 3	16 50	5 29	22 46	22 45	22 38	2 3	4 12
W30	3 27	17 59	3 2	9 1	0 20	19 48	1 36	21 23	0 52	3 38	1 29	14 28	1 7	21 10	0 13	13 17	0 3	16 50	5 28	22 47	22 46	22 38	2 5	4 12
T 31	3n50	20n34	2s 7	9n52	0n32	20n 9	1n40	21n32	0n53	3s35	1n29	14n29	1n 7	21s10	0n13	13s16	0n 3	16n50	5s28	22n47	22n46	22n38	2n 6	4n12

Julian Day Number = 2873458.5, Delta T = 01h12m59s
Ecliptic obliquity = 23°17'22, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°55'01, Lahiri = 40°02'01

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ASTRODIENST EPHEMERIS for the year 3155
geocentric

APRIL 3155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 36 6	10♈44'39	28♊59	26♈ 3	24♉38	3♊53	12°R29	23°R58	7°R14	24♒25	16♋34	11°R38	11♋46	18♋ 2	25♓38	F 1
S 2	12 40 3	11°44'32	10♋50	27°43	25°45	4°34	12♎21	23♏55	7♐13	24°26	16°34	11♋38	11°43	18° 9	25°41	S 2
S 3	12 43 59	12°44'22	22°37	29°20	26°52	5°15	12°13	23°53	7°12	24°28	16°34	11°38	11°40	18°16	25°45	S 3
M 4	12 47 56	13°44'10	4♏28	0♉52	27°59	5°56	12° 6	23°50	7°11	24°30	16°34	11°36	11°36	18°22	25°49	M 4
T 5	12 51 53	14°43'56	16°26	2°19	29° 5	6°36	11°58	23°48	7°10	24°31	16°34	11°33	11°33	18°29	25°53	T 5
W 6	12 55 49	15°43'40	28°37	3°40	0♊11	7°17	11°50	23°46	7° 9	24°33	16°34	11°27	11°30	18°35	25°56	W 6
T 7	12 59 46	16°43'22	11♍ 5	4°56	1°17	7°58	11°42	23°44	7° 7	24°35	16°34	11°19	11°27	18°42	26° 0	T 7
F 8	13 3 42	17°43'01	23°51	6° 6	2°23	8°39	11°35	23°42	7° 6	24°36	16°35	11° 8	11°24	18°49	26° 4	F 8
S 9	13 7 39	18°42'39	6♎56	7° 9	3°29	9°20	11°27	23°40	7° 5	24°38	16°35	10°56	11°21	18°55	26° 7	S 9
S 10	13 11 35	19°42'14	20°20	8° 5	4°34	10° 0	11°19	23°39	7° 3	24°39	16°35	10°43	11°17	19° 2	26°11	S 10
M11	13 15 32	20°41'48	3♏59	8°54	5°39	10°41	11°12	23°37	7° 2	24°41	16°35	10°31	11°14	19° 9	26°15	M11
T 12	13 19 28	21°41'20	17°52	9°36	6°44	11°21	11° 4	23°36	7° 0	24°42	16°35	10°21	11°11	19°15	26°18	T 12
W13	13 23 25	22°40'50	1♐53	10°10	7°48	12° 2	10°56	23°34	6°59	24°44	16°36	10°13	11° 8	19°22	26°22	W13
T 14	13 27 22	23°40'18	15°58	10°36	8°53	12°43	10°49	23°33	6°57	24°45	16°36	10° 9	11° 5	19°29	26°25	T 14
F 15	13 31 18	24°39'45	0♑ 6	10°54	9°57	13°23	10°42	23°32	6°56	24°46	16°36	10° 7	11° 1	19°35	26°29	F 15
S 16	13 35 15	25°39'09	14°14	11° 5	11° 0	14° 4	10°34	23°31	6°54	24°48	16°37	10°D 7	10°58	19°42	26°33	S 16
S 17	13 39 11	26°38'33	28°21	11°R 9	12° 4	14°44	10°27	23°30	6°52	24°49	16°37	10°R 7	10°55	19°49	26°36	S 17
M18	13 43 8	27°37'54	12♒25	11° 5	13° 7	15°25	10°20	23°29	6°50	24°50	16°37	10° 6	10°52	19°55	26°39	M18
T 19	13 47 4	28°37'14	26°27	10°54	14° 9	16° 5	10°13	23°28	6°49	24°52	16°38	10° 3	10°49	20° 2	26°43	T 19
W20	13 51 1	29°36'32	10♓24	10°36	15°12	16°45	10° 6	23°28	6°47	24°53	16°38	9°58	10°46	20° 8	26°46	W20
T 21	13 54 57	0♉35'48	24°14	10°12	16°14	17°26	9°59	23°27	6°45	24°54	16°39	9°50	10°42	20°15	26°50	T 21
F 22	13 58 54	1°35'03	7♈56	9°43	17°16	18° 6	9°52	23°27	6°43	24°55	16°39	9°40	10°39	20°22	26°53	F 22
S 23	14 2 51	2°34'15	21°25	9° 8	18°17	18°47	9°45	23°27	6°41	24°56	16°40	9°28	10°36	20°28	26°56	S 23
S 24	14 6 47	3°33'26	4♉39	8°30	19°18	19°27	9°38	23°26	6°39	24°57	16°40	9°17	10°33	20°35	27° 0	S 24
M25	14 10 44	4°32'34	17°37	7°48	20°19	20° 7	9°32	23°D26	6°37	24°58	16°41	9° 6	10°30	20°42	27° 3	M25
T 26	14 14 40	5°31'41	0♊18	7° 3	21°19	20°47	9°25	23°26	6°35	25° 0	16°41	8°58	10°27	20°48	27° 6	T 26
W27	14 18 37	6°30'46	12°42	6°17	22°19	21°28	9°19	23°26	6°33	25° 1	16°42	8°52	10°23	20°55	27° 9	W27
T 28	14 22 33	7°29'48	24°51	5°30	23°18	22° 8	9°13	23°27	6°31	25° 2	16°43	8°49	10°20	21° 2	27°13	T 28
F 29	14 26 30	8°28'49	6♋49	4°44	24°17	22°48	9° 7	23°27	6°29	25° 2	16°43	8°D48	10°17	21° 8	27°16	F 29
S 30	14 30 26	9♉27'47	18♋39	3♉59	25♊16	23♊28	9♎ 1	23♏28	6♐27	25♒ 3	16♋44	8♋48	10♋14	21♋15	27♓19	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n14	22n11	1s 7	10n41	0n44	20n30	1n45	21n40	0n53	3s32	1n30	14n30	1n 7	21s10	0n13	13s16	0n 3	16n50	5s28	22n47	22n46	22n38	2n 8	4n12
S 2	4 37	22 47	0 4	11 29	0 57	20 50	1 49	21 48	0 54	3 29	1 30	14 31	1 7	21 10	0 13	13 15	0 3	16 51	5 28	22 47	22 47	22 38	2 9	4 12
S 3	5 0	22 21	0n58	12 15	1 10	21 10	1 53	21 56	0 54	3 26	1 30	14 32	1 7	21 10	0 13	13 15	0 3	16 51	5 28	22 47	22 47	22 38	2 11	4 12
M 4	5 23	20 56	1 58	12 59	1 22	21 29	1 57	22 3	0 55	3 23	1 30	14 32	1 7	21 9	0 13	13 14	0 3	16 51	5 28	22 47	22 47	22 38	2 12	4 12
T 5	5 46	18 34	2 53	13 41	1 35	21 48	2 1	22 11	0 55	3 19	1 30	14 33	1 7	21 9	0 13	13 14	0 3	16 51	5 27	22 47	22 47	22 38	2 14	4 12
W 6	6 9	15 21	3 42	14 21	1 47	22 7	2 6	22 18	0 55	3 16	1 30	14 34	1 7	21 9	0 13	13 13	0 3	16 51	5 27	22 48	22 48	22 38	2 15	4 12
T 7	6 32	11 23	4 20	14 57	1 59	22 24	2 10	22 25	0 56	3 13	1 30	14 34	1 7	21 9	0 13	13 13	0 3	16 51	5 27	22 49	22 48	22 38	2 17	4 12
F 8	6 55	6 50	4 47	15 31	2 10	22 42	2 14	22 32	0 56	3 10	1 30	14 35	1 7	21 9	0 13	13 12	0 2	16 52	5 27	22 50	22 48	22 38	2 18	4 12
S 9	7 17	1 52	5 0	16 2	2 21	22 58	2 18	22 39	0 57	3 7	1 30	14 36	1 7	21 8	0 13	13 12	0 2	16 52	5 27	22 51	22 49	22 38	2 20	4 12
S 10	7 40	3s19	4 56	16 30	2 31	23 15	2 22	22 45	0 57	3 5	1 30	14 36	1 7	21 8	0 13	13 11	0 2	16 52	5 27	22 52	22 49	22 38	2 21	4 12
M11	8 2	8 26	4 36	16 55	2 41	23 30	2 26	22 51	0 58	3 2	1 30	14 37	1 7	21 8	0 13	13 11	0 2	16 52	5 26	22 53	22 49	22 38	2 22	4 12
T 12	8 24	13 13	3 59	17 16	2 49	23 45	2 30	22 57	0 58	2 59	1 30	14 37	1 7	21 8	0 13	13 10	0 2	16 52	5 26	22 53	22 49	22 38	2 24	4 12
W13	8 46	17 20	3 8	17 34	2 56	24 0	2 34	23 3	0 58	2 56	1 29	14 38	1 7	21 7	0 13	13 10	0 2	16 52	5 26	22 54	22 50	22 38	2 25	4 12
T 14	9 8	20 30	2 4	17 48	3 2	24 14	2 37	23 9	0 59	2 53	1 29	14 38	1 7	21 7	0 13	13 9	0 2	16 52	5 26	22 54	22 50	22 38	2 27	4 12
F 15	9 30	22 25	0 53	17 58	3 7	24 28	2 41	23 14	0 59	2 50	1 29	14 38	1 7	21 7	0 13	13 9	0 2	16 53	5 26	22 54	22 50	22 38	2 28	4 12
S 16	9 51	22 54	0s22	18 5	3 11	24 41	2 45	23 20	0 59	2 47	1 29	14 39	1 7	21 7	0 13	13 8	0 2	16 53	5 25	22 54	22 50	22 38	2 30	4 12
S 17	10 13	21 55	1 35	18 8	3 13	24 53	2 49	23 25	1 0	2 45	1 29	14 39	1 7	21 6	0 13	13 8	0 2	16 53	5 25	22 54	22 51	22 38	2 31	4 12
M18	10 34	19 34	2 43	18 8	3 14	25 5	2 52	23 30	1 0	2 42	1 29	14 39	1 6	21 6	0 13	13 7	0 2	16 53	5 25	22 54	22 51	22 37	2 32	4 12
T 19	10 55	16 4	3 40	18 3	3 13	25 16	2 56	23 34	1 0	2 39	1 29	14 39	1 6	21 6	0 13	13 7	0 2	16 53	5 25	22 55	22 51	22 37	2 34	4 12
W20	11 16	11 41	4 24	17 55	3 10	25 27	2 59	23 39	1 1	2 36	1 29	14 40	1 6	21 6	0 13	13 7	0 2	16 53	5 25	22 55	22 51	22 37	2 35	4 12
T 21	11 37	6 44	4 51	17 44	3 6	25 37	3 3	23 43	1 1	2 34	1 29	14 40	1 6	21 5	0 13	13 6	0 2	16 53	5 25	22 56	22 52	22 37	2 37	4 12
F 22	11 57	1 31	5 2	17 29	3 0	25 46	3 6	23 47	1 1	2 31	1 29	14 40	1 6	21 5	0 13	13 6	0 2	16 53	5 24	22 56	22 52	22 37	2 38	4 12
S 23	12 17	3n43	4 56	17 10	2 52	25 55	3 9	23 51	1 2	2 29	1 29	14 40	1 6	21 5	0 13	13 5	0 2	16 54	5 24	22 57	22 52	22 37	2 39	4 13
S 24	12 37	8 41	4 34	16 49	2 43	26 4	3 12	23 54	1 2	2 26	1 29	14 40	1 6	21 4	0 13	13 5	0 2	16 54	5 24	22 58	22 52	22 37	2 41	4 13
M25	12 57	13 11	3 58	16 26	2 33	26 11	3 16	23 58	1 2	2 24	1 29	14 40	1 6	21 4	0 13	13 5	0 2	16 54	5 24	22 59	22 53	22 37	2 42	4 13
T 26	13 17	16 59	3 10	16 0	2 21	26 19	3 19	24 1	1 3	2 21	1 28	14 40	1 6	21 4	0 13	13 4	0 2	16 54	5 24	22 59	22 53	22 36	2 44	4 13
W27	13 36	19 57	2 15	15 32	2 7	26 25	3 21	24 4	1 3	2 19	1 28	14 40	1 6	21 3	0 13	13 4	0 2	16 54	5 24	23 0	22 53	22 36	2 45	4 13
T 28	13 56	21 57	1 14	15 3	1 53	26 31	3 24	24 7	1 3	2 17	1 28	14 40	1 6	21 3	0 13	13 4	0 2	16 54	5 23	23 0	22 53	22 36	2 46	4 13
F 29	14 15	22 56	0 11	14 33	1 38	26 37	3 27	24 9	1 4	2 14	1 28	14 40	1 6	21 3	0 13	13 3	0 2	16 54	5 23	23 0	22 54	22 36	2 48	4 13
S 30	14n33	22n52	0n53	14n 3	1n22	26n42	3n30	24n11	1n 4	2s12	1n28	14n39	1n 6	21s 2	0n13	13s 3	0n 2	16n54	5s23	23n 0	22n54	22n36	2n49	4n13

Julian Day Number = 2873489.5, Delta T = 01h12m59s
Ecliptic obliquity = 23°17'22, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°55'05, Lahiri = 40°02'05

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ASTRODIENST EPHEMERIS for the year 3155
geocentric

MAY 3155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 34 23	10♉26'43	0♌27	3°R15	26♊14	24♊ 8	8°R55	23♌28	6°R25	25♒ 4	16♋44	8♋49	10♋11	21♋22	27♓22	S 1
M 2	14 38 20	11°25'36	12°18	2♉34	27°12	24°48	8♎50	23°29	6♐23	25° 5	16°45	8°R50	10° 7	21°28	27°25	M 2
T 3	14 42 16	12°24'28	24°17	1°57	28° 9	25°28	8°44	23°30	6°20	25° 6	16°46	8°49	10° 4	21°35	27°28	T 3
W 4	14 46 13	13°23'17	6♍29	1°23	29° 5	26° 8	8°39	23°31	6°18	25° 7	16°47	8°46	10° 1	21°42	27°31	W 4
T 5	14 50 9	14°22'04	18°59	0°53	0♋ 1	26°48	8°33	23°32	6°16	25° 8	16°47	8°41	9°58	21°48	27°34	T 5
F 6	14 54 6	15°20'49	1♎51	0°28	0°57	27°28	8°28	23°33	6°13	25° 8	16°48	8°34	9°55	21°55	27°37	F 6
S 7	14 58 2	16°19'31	15° 5	0° 8	1°52	28° 8	8°23	23°34	6°11	25° 9	16°49	8°26	9°52	22° 1	27°40	S 7
S 8	15 1 59	17°18'12	28°43	29♈53	2°46	28°48	8°19	23°35	6° 9	25°10	16°50	8°17	9°48	22° 8	27°42	S 8
M 9	15 5 55	18°16'51	12♏42	29°43	3°40	29°28	8°14	23°37	6° 6	25°10	16°51	8° 9	9°45	22°15	27°45	M 9
T 10	15 9 52	19°15'28	26°57	29°D38	4°33	0♋ 8	8°10	23°38	6° 4	25°11	16°51	8° 2	9°42	22°21	27°48	T 10
W11	15 13 49	20°14'03	11♐24	29°38	5°26	0°48	8° 5	23°40	6° 2	25°12	16°52	7°58	9°39	22°28	27°51	W11
T 12	15 17 45	21°12'36	25°56	29°43	6°18	1°28	8° 1	23°42	5°59	25°12	16°53	7°55	9°36	22°35	27°53	T 12
F 13	15 21 42	22°11'08	10♑28	29°53	7° 9	2° 7	7°57	23°44	5°57	25°13	16°54	7°D55	9°33	22°41	27°56	F 13
S 14	15 25 38	23° 9'38	24°54	0♉ 8	7°59	2°47	7°53	23°46	5°54	25°13	16°55	7°55	9°29	22°48	27°58	S 14
S 15	15 29 35	24° 8'06	9♒12	0°28	8°49	3°27	7°50	23°48	5°52	25°14	16°56	7°57	9°26	22°55	28° 1	S 15
M16	15 33 31	25° 6'33	23°20	0°52	9°38	4° 6	7°46	23°50	5°50	25°14	16°57	7°R57	9°23	23° 1	28° 3	M16
T 17	15 37 28	26° 4'59	7♓15	1°20	10°26	4°46	7°43	23°52	5°47	25°14	16°58	7°57	9°20	23° 8	28° 6	T 17
W18	15 41 24	27° 3'22	20°58	1°53	11°13	5°26	7°40	23°55	5°45	25°15	16°59	7°54	9°17	23°15	28° 8	W18
T 19	15 45 21	28° 1'45	4♈29	2°29	11°59	6° 5	7°37	23°57	5°42	25°15	17° 0	7°50	9°13	23°21	28°11	T 19
F 20	15 49 18	29° 0'06	17°47	3° 9	12°45	6°45	7°34	24° 0	5°40	25°15	17° 1	7°45	9°10	23°28	28°13	F 20
S 21	15 53 14	29°58'25	0♉52	3°53	13°29	7°24	7°32	24° 2	5°37	25°16	17° 2	7°39	9° 7	23°35	28°15	S 21
S 22	15 57 11	0♊56'43	13°44	4°41	14°13	8° 4	7°29	24° 5	5°34	25°16	17° 3	7°32	9° 4	23°41	28°18	S 22
M23	16 1 7	1°54'59	26°22	5°32	14°56	8°44	7°27	24° 8	5°32	25°16	17° 4	7°26	9° 1	23°48	28°20	M23
T 24	16 5 4	2°53'13	8♊46	6°26	15°37	9°23	7°25	24°11	5°29	25°16	17° 5	7°22	8°58	23°54	28°22	T 24
W25	16 9 0	3°51'26	20°59	7°24	16°18	10° 3	7°23	24°14	5°27	25°16	17° 6	7°19	8°54	24° 1	28°24	W25
T 26	16 12 57	4°49'37	3♋ 1	8°24	16°57	10°42	7°21	24°17	5°24	25°16	17° 7	7°D18	8°51	24° 8	28°26	T 26
F 27	16 16 53	5°47'47	14°55	9°27	17°35	11°21	7°20	24°20	5°22	25°16	17° 8	7°18	8°48	24°14	28°28	F 27
S 28	16 20 50	6°45'54	26°44	10°33	18°12	12° 1	7°18	24°24	5°19	25°R16	17° 9	7°19	8°45	24°21	28°30	S 28
S 29	16 24 47	7°44'00	8♌32	11°42	18°48	12°40	7°17	24°27	5°17	25°16	17°11	7°21	8°42	24°28	28°32	S 29
M30	16 28 43	8°42'04	20°22	12°53	19°23	13°20	7°16	24°31	5°14	25°16	17°12	7°23	8°39	24°34	28°34	M30
T 31	16 32 40	9♊40'06	2♍21	14♉ 7	19♋56	13♋59	7♎16	24♌34	5♐12	25♒16	17♋13	7♋24	8♋35	24♋41	28♓35	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n52	21n47	1n53	13n33	1n 6	26n46	3n32	24n14	1n 4	2s10	1n28	14n39	1n 6	21s 2	0n13	13s 3	0n 2	16n54	5s23	23n 0	22n54	22n36	2n50	4n13
M 2	15 10	19 43	2 50	13 3	0 49	26 50	3 35	24 16	1 4	2 8	1 28	14 39	1 6	21 1	0 13	13 3	0 2	16 54	5 23	23 0	22 54	22 35	2 51	4 13
T 3	15 28	16 48	3 39	12 34	0 32	26 53	3 37	24 17	1 5	2 6	1 28	14 39	1 6	21 1	0 13	13 2	0 2	16 54	5 23	23 0	22 55	22 35	2 53	4 13
W 4	15 46	13 6	4 20	12 7	0 15	26 56	3 39	24 19	1 5	2 4	1 27	14 38	1 6	21 1	0 13	13 2	0 2	16 55	5 22	23 0	22 55	22 35	2 54	4 14
T 5	16 3	8 46	4 49	11 41	0s 2	26 58	3 41	24 20	1 5	2 2	1 27	14 38	1 6	21 0	0 13	13 2	0 2	16 55	5 22	23 0	22 55	22 35	2 55	4 14
F 6	16 20	3 56	5 5	11 17	0 18	27 0	3 43	24 21	1 5	2 0	1 27	14 38	1 6	21 0	0 13	13 2	0 2	16 55	5 22	23 1	22 55	22 35	2 56	4 14
S 7	16 37	1s13	5 5	10 55	0 34	27 1	3 45	24 22	1 6	1 58	1 27	14 37	1 6	21 0	0 13	13 1	0 2	16 55	5 22	23 1	22 56	22 34	2 58	4 14
S 8	16 54	6 28	4 48	10 35	0 49	27 2	3 46	24 23	1 6	1 57	1 27	14 37	1 6	20 59	0 13	13 1	0 2	16 55	5 22	23 2	22 56	22 34	2 59	4 14
M 9	17 10	11 31	4 13	10 18	1 4	27 2	3 48	24 23	1 6	1 55	1 27	14 36	1 6	20 59	0 13	13 1	0 2	16 55	5 22	23 2	22 56	22 34	3 0	4 14
T 10	17 26	16 4	3 23	10 3	1 18	27 2	3 49	24 24	1 6	1 54	1 26	14 36	1 6	20 58	0 13	13 1	0 2	16 55	5 22	23 3	22 56	22 34	3 1	4 14
W11	17 42	19 44	2 18	9 51	1 32	27 1	3 50	24 24	1 6	1 52	1 26	14 35	1 6	20 58	0 13	13 1	0 2	16 55	5 21	23 3	22 56	22 34	3 2	4 14
T 12	17 57	22 9	1 4	9 41	1 44	27 0	3 51	24 24	1 7	1 51	1 26	14 34	1 6	20 58	0 13	13 0	0 2	16 55	5 21	23 3	22 57	22 33	3 4	4 14
F 13	18 12	23 7	0s14	9 33	1 56	26 58	3 52	24 23	1 7	1 49	1 26	14 34	1 6	20 57	0 13	13 0	0 2	16 55	5 21	23 3	22 57	22 33	3 5	4 15
S 14	18 27	22 30	1 31	9 28	2 7	26 56	3 53	24 23	1 7	1 48	1 26	14 33	1 6	20 57	0 13	13 0	0 2	16 55	5 21	23 3	22 57	22 33	3 6	4 15
S 15	18 41	20 26	2 41	9 25	2 17	26 53	3 54	24 22	1 7	1 47	1 25	14 32	1 6	20 56	0 13	13 0	0 2	16 55	5 21	23 3	22 57	22 33	3 7	4 15
M16	18 55	17 8	3 41	9 25	2 26	26 50	3 54	24 21	1 7	1 45	1 25	14 32	1 6	20 56	0 13	13 0	0 2	16 55	5 21	23 3	22 58	22 32	3 8	4 15
T 17	19 9	12 56	4 27	9 27	2 34	26 46	3 54	24 20	1 8	1 44	1 25	14 31	1 6	20 55	0 13	13 0	0 2	16 55	5 20	23 3	22 58	22 32	3 9	4 15
W18	19 23	8 6	4 57	9 31	2 42	26 42	3 54	24 18	1 8	1 43	1 25	14 30	1 6	20 55	0 13	13 0	0 2	16 55	5 20	23 3	22 58	22 32	3 10	4 15
T 19	19 36	2 58	5 10	9 37	2 49	26 38	3 54	24 17	1 8	1 42	1 25	14 29	1 5	20 55	0 13	12 59	0 2	16 55	5 20	23 4	22 58	22 31	3 11	4 15
F 20	19 49	2n13	5 5	9 45	2 55	26 33	3 53	24 15	1 8	1 41	1 25	14 28	1 5	20 54	0 13	12 59	0 2	16 55	5 20	23 4	22 58	22 31	3 12	4 15
S 21	20 1	7 14	4 45	9 55	3 0	26 28	3 53	24 13	1 8	1 41	1 24	14 27	1 5	20 54	0 13	12 59	0 2	16 55	5 20	23 4	22 59	22 31	3 13	4 16
S 22	20 13	11 52	4 11	10 7	3 4	26 23	3 52	24 11	1 8	1 40	1 24	14 26	1 5	20 53	0 13	12 59	0 2	16 55	5 20	23 5	22 59	22 31	3 14	4 16
M23	20 25	15 54	3 25	10 20	3 8	26 17	3 51	24 9	1 9	1 39	1 24	14 25	1 5	20 53	0 13	12 59	0 2	16 55	5 20	23 5	22 59	22 30	3 15	4 16
T 24	20 36	19 10	2 30	10 35	3 11	26 11	3 50	24 6	1 9	1 39	1 24	14 24	1 5	20 52	0 13	12 59	0 2	16 55	5 19	23 5	22 59	22 30	3 16	4 16
W25	20 47	21 31	1 28	10 51	3 13	26 4	3 48	24 3	1 9	1 38	1 23	14 23	1 5	20 52	0 13	12 59	0 2	16 55	5 19	23 5	23 0	22 30	3 17	4 16
T 26	20 58	22 52	0 23	11 9	3 14	25 58	3 46	24 0	1 9	1 37	1 23	14 22	1 5	20 52	0 13	12 59	0 2	16 55	5 19	23 5	23 0	22 29	3 18	4 16
F 27	21 8	23 9	0n42	11 28	3 15	25 51	3 44	23 57	1 9	1 37	1 23	14 21	1 5	20 51	0 13	12 59	0 2	16 55	5 19	23 5	23 0	22 29	3 19	4 17
S 28	21 18	22 23	1 45	11 48	3 15	25 43	3 42	23 54	1 9	1 37	1 23	14 20	1 5	20 51	0 13	12 59	0 2	16 55	5 19	23 5	23 0	22 29	3 20	4 17
S 29	21 28	20 38	2 43	12 10	3 14	25 36	3 39	23 51	1 9	1 37	1 23	14 19	1 5	20 50	0 13	12 59	0 2	16 55	5 19	23 5	23 0	22 28	3 21	4 17
M30	21 37	18 0	3 35	12 32	3 13	25 28	3 36	23 47	1 10	1 36	1 22	14 18	1 5	20 50	0 13	12 59	0 2	16 55	5 19	23 5	23 1	22 28	3 22	4 17
T 31	21n46	14n35	4n18	12n56	3s11	25n20	3n33	23n43	1n10	1s36	1n22	14n16	1n 5	20s49	0n13	12s59	0n 2	16n55	5s19	23n 5	23n 1	22n28	3n23	4n17

Julian Day Number = 2873519.5, Delta T = 01h13m00s
Ecliptic obliquity = 23°17'22, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°55'09, Lahiri = 40°02'10

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ASTRODIENST EPHEMERIS for the year 3155
geocentric

JUNE 3155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 36 36	10♊38'06	14♍32	15♉24	20♋27	14♋38	7°R15	24♌38	5°R 9	25°R16	17♋14	7°R24	8♋32	24♋48	28♓37	W 1
T 2	16 40 33	11°36'04	27° 1	16°43	20°58	15°17	7♎15	24°42	5♐ 7	25♒16	17°15	7♋23	8°29	24°54	28°39	T 2
F 3	16 44 29	12°34'01	9♎51	18° 4	21°26	15°57	7°14	24°46	5° 4	25°16	17°17	7°21	8°26	25° 1	28°40	F 3
S 4	16 48 26	13°31'56	23° 6	19°28	21°53	16°36	7°D14	24°50	5° 2	25°16	17°18	7°18	8°23	25° 8	28°42	S 4
S 5	16 52 22	14°29'49	6♏48	20°54	22°19	17°15	7°14	24°54	4°59	25°15	17°19	7°15	8°19	25°14	28°44	S 5
M 6	16 56 19	15°27'40	20°54	22°22	22°43	17°54	7°15	24°58	4°57	25°15	17°20	7°12	8°16	25°21	28°45	M 6
T 7	17 0 16	16°25'31	5♐22	23°52	23° 5	18°33	7°15	25° 2	4°54	25°15	17°22	7° 9	8°13	25°28	28°46	T 7
W 8	17 4 12	17°23'19	20° 7	25°25	23°25	19°12	7°16	25° 7	4°52	25°14	17°23	7° 8	8°10	25°34	28°48	W 8
T 9	17 8 9	18°21'07	5♑ 2	27° 0	23°43	19°52	7°17	25°11	4°49	25°14	17°24	7°D 7	8° 7	25°41	28°49	T 9
F 10	17 12 5	19°18'53	19°57	28°38	23°59	20°31	7°18	25°16	4°47	25°14	17°25	7° 7	8° 4	25°48	28°50	F 10
S 11	17 16 2	20°16'38	4♒47	0♊17	24°14	21°10	7°19	25°20	4°44	25°13	17°27	7° 8	8° 0	25°54	28°52	S 11
S 12	17 19 58	21°14'22	19°24	1°59	24°26	21°49	7°20	25°25	4°42	25°13	17°28	7° 9	7°57	26° 1	28°53	S 12
M13	17 23 55	22°12'05	3♓44	3°43	24°36	22°28	7°22	25°30	4°40	25°12	17°29	7°10	7°54	26° 8	28°54	M13
T 14	17 27 51	23° 9'46	17°45	5°29	24°44	23° 7	7°24	25°34	4°37	25°12	17°31	7°R11	7°51	26°14	28°55	T 14
W15	17 31 48	24° 7'27	1♈26	7°18	24°50	23°46	7°26	25°39	4°35	25°11	17°32	7°11	7°48	26°21	28°56	W15
T 16	17 35 45	25° 5'07	14°48	9° 9	24°53	24°25	7°28	25°44	4°33	25°11	17°33	7°10	7°45	26°27	28°57	T 16
F 17	17 39 41	26° 2'46	27°51	11° 2	24°R55	25° 4	7°30	25°49	4°30	25°10	17°35	7° 9	7°41	26°34	28°58	F 17
S 18	17 43 38	27° 0'24	10♉38	12°57	24°53	25°43	7°33	25°54	4°28	25° 9	17°36	7° 8	7°38	26°41	28°59	S 18
S 19	17 47 34	27°58'02	23°11	14°54	24°50	26°21	7°35	26° 0	4°26	25° 9	17°38	7° 6	7°35	26°47	28°59	S 19
M20	17 51 31	28°55'38	5♊31	16°53	24°44	27° 0	7°38	26° 5	4°24	25° 8	17°39	7° 5	7°32	26°54	29° 0	M20
T 21	17 55 27	29°53'14	17°41	18°55	24°36	27°39	7°41	26°10	4°21	25° 7	17°40	7° 5	7°29	27° 1	29° 1	T 21
W22	17 59 24	0♋50'48	29°42	20°58	24°25	28°18	7°44	26°16	4°19	25° 7	17°42	7° 4	7°25	27° 7	29° 1	W22
T 23	18 3 21	1°48'22	11♋36	23° 3	24°12	28°57	7°47	26°21	4°17	25° 6	17°43	7°D 4	7°22	27°14	29° 2	T 23
F 24	18 7 17	2°45'54	23°26	25°10	23°57	29°36	7°51	26°27	4°15	25° 5	17°44	7° 4	7°19	27°21	29° 2	F 24
S 25	18 11 14	3°43'26	5♌13	27°18	23°39	0♌14	7°54	26°32	4°13	25° 4	17°46	7° 5	7°16	27°27	29° 3	S 25
S 26	18 15 10	4°40'56	17° 1	29°27	23°19	0°53	7°58	26°38	4°11	25° 3	17°47	7° 5	7°13	27°34	29° 3	S 26
M27	18 19 7	5°38'25	28°54	1♋38	22°57	1°32	8° 2	26°44	4° 9	25° 2	17°49	7° 5	7°10	27°41	29° 4	M27
T 28	18 23 3	6°35'53	10♍53	3°49	22°32	2°11	8° 6	26°50	4° 7	25° 1	17°50	7° 5	7° 6	27°47	29° 4	T 28
W29	18 27 0	7°33'20	23° 4	6° 1	22° 5	2°49	8°11	26°55	4° 5	25° 0	17°52	7°R 5	7° 3	27°54	29° 4	W29
T 30	18 30 56	8♋30'46	5♎31	8♋14	21♋37	3♌28	8♎15	27♌ 1	4♐ 3	25♒ 0	17♋53	7°D 5	7♋ 0	28♋ 1	29♓ 4	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n54	10n31	4n50	13n20	3s 9	25n12	3n30	23n39	1n10	1s36	1n22	14n15	1n 5	20s49	0n13	12s59	0n 2	16n55	5s18	23n 5	23n 1	22n27	3n24	4n17
T 2	22 2	5 55	5 10	13 45	3 6	25 4	3 26	23 35	1 10	1 36	1 22	14 14	1 5	20 49	0 13	12 59	0 2	16 55	5 18	23 5	23 1	22 27	3 24	4 18
F 3	22 10	0 57	5 14	14 11	3 2	24 55	3 22	23 30	1 10	1 36	1 22	14 12	1 5	20 48	0 13	12 59	0 2	16 55	5 18	23 5	23 1	22 27	3 25	4 18
S 4	22 17	4s14	5 3	14 38	2 58	24 46	3 18	23 26	1 10	1 37	1 21	14 11	1 5	20 48	0 13	12 59	0 2	16 55	5 18	23 5	23 2	22 26	3 26	4 18
S 5	22 24	9 22	4 34	15 5	2 53	24 38	3 13	23 21	1 10	1 37	1 21	14 10	1 5	20 47	0 13	12 59	0 2	16 55	5 18	23 6	23 2	22 26	3 27	4 18
M 6	22 30	14 12	3 48	15 33	2 48	24 29	3 8	23 16	1 10	1 37	1 21	14 8	1 5	20 47	0 13	13 0	0 2	16 55	5 18	23 6	23 2	22 25	3 27	4 18
T 7	22 36	18 20	2 46	16 1	2 42	24 20	3 2	23 11	1 10	1 38	1 21	14 7	1 5	20 46	0 13	13 0	0 2	16 55	5 18	23 6	23 2	22 25	3 28	4 18
W 8	22 42	21 23	1 33	16 29	2 35	24 10	2 57	23 5	1 10	1 38	1 20	14 5	1 5	20 46	0 13	13 0	0 2	16 55	5 18	23 6	23 2	22 25	3 29	4 19
T 9	22 47	23 0	0 12	16 57	2 28	24 1	2 50	23 0	1 11	1 39	1 20	14 4	1 5	20 45	0 13	13 0	0 2	16 55	5 18	23 6	23 3	22 24	3 30	4 19
F 10	22 52	22 59	1s10	17 26	2 21	23 52	2 44	22 54	1 11	1 39	1 20	14 2	1 5	20 45	0 13	13 0	0 2	16 55	5 17	23 6	23 3	22 24	3 30	4 19
S 11	22 56	21 20	2 27	17 55	2 13	23 42	2 37	22 48	1 11	1 40	1 20	14 1	1 5	20 45	0 13	13 0	0 2	16 55	5 17	23 6	23 3	22 23	3 31	4 19
S 12	23 0	18 17	3 33	18 23	2 5	23 33	2 30	22 42	1 11	1 41	1 19	13 59	1 5	20 44	0 13	13 0	0 2	16 55	5 17	23 6	23 3	22 23	3 32	4 19
M13	23 4	14 11	4 25	18 51	1 56	23 24	2 22	22 36	1 11	1 41	1 19	13 58	1 5	20 44	0 13	13 1	0 2	16 55	5 17	23 6	23 3	22 23	3 32	4 19
T 14	23 7	9 24	4 59	19 19	1 47	23 14	2 14	22 29	1 11	1 42	1 19	13 56	1 5	20 43	0 13	13 1	0 2	16 55	5 17	23 6	23 4	22 22	3 33	4 20
W15	23 10	4 15	5 15	19 47	1 38	23 5	2 5	22 23	1 11	1 43	1 19	13 54	1 5	20 43	0 13	13 1	0 2	16 55	5 17	23 6	23 4	22 22	3 33	4 20
T 16	23 12	0n58	5 14	20 14	1 28	22 55	1 56	22 16	1 11	1 44	1 19	13 53	1 5	20 43	0 13	13 1	0 2	16 54	5 17	23 6	23 4	22 21	3 34	4 20
F 17	23 14	6 1	4 56	20 40	1 18	22 46	1 46	22 9	1 11	1 45	1 18	13 51	1 5	20 42	0 13	13 1	0 2	16 54	5 17	23 6	23 4	22 21	3 34	4 20
S 18	23 15	10 44	4 24	21 5	1 8	22 36	1 37	22 2	1 11	1 47	1 18	13 49	1 5	20 42	0 13	13 2	0 2	16 54	5 17	23 6	23 4	22 20	3 35	4 20
S 19	23 16	14 54	3 40	21 29	0 57	22 27	1 26	21 55	1 11	1 48	1 18	13 47	1 5	20 41	0 13	13 2	0 2	16 54	5 17	23 6	23 4	22 20	3 35	4 21
M20	23 17	18 22	2 46	21 52	0 47	22 17	1 16	21 47	1 11	1 49	1 18	13 46	1 5	20 41	0 12	13 2	0 2	16 54	5 16	23 6	23 5	22 19	3 36	4 21
T 21	23 17	20 58	1 46	22 14	0 36	22 8	1 4	21 40	1 11	1 51	1 17	13 44	1 5	20 41	0 12	13 2	0 2	16 54	5 16	23 6	23 5	22 19	3 36	4 21
W22	23 17	22 36	0 41	22 34	0 25	21 58	0 53	21 32	1 11	1 52	1 17	13 42	1 5	20 40	0 12	13 3	0 2	16 54	5 16	23 6	23 5	22 19	3 37	4 21
T 23	23 17	23 12	0n25	22 52	0 14	21 49	0 41	21 24	1 11	1 53	1 17	13 40	1 5	20 40	0 12	13 3	0 2	16 54	5 16	23 6	23 5	22 18	3 37	4 21
F 24	23 16	22 45	1 30	23 9	0 3	21 39	0 29	21 16	1 11	1 55	1 17	13 38	1 5	20 39	0 12	13 3	0 2	16 54	5 16	23 6	23 5	22 18	3 37	4 21
S 25	23 14	21 16	2 30	23 23	0n 7	21 30	0 16	21 8	1 11	1 57	1 17	13 36	1 5	20 39	0 12	13 3	0 2	16 54	5 16	23 6	23 5	22 17	3 38	4 22
S 26	23 12	18 53	3 24	23 35	0 18	21 20	0 3	21 0	1 11	1 58	1 16	13 34	1 5	20 39	0 12	13 4	0 2	16 54	5 16	23 6	23 6	22 17	3 38	4 22
M27	23 10	15 41	4 10	23 45	0 28	21 11	0s10	20 51	1 11	2 0	1 16	13 32	1 5	20 38	0 12	13 4	0 2	16 53	5 16	23 6	23 6	22 16	3 38	4 22
T 28	23 8	11 50	4 45	23 52	0 38	21 2	0 24	20 43	1 11	2 2	1 16	13 30	1 5	20 38	0 12	13 4	0 2	16 53	5 16	23 6	23 6	22 16	3 39	4 22
W29	23 5	7 27	5 8	23 57	0 48	20 52	0 38	20 34	1 11	2 4	1 16	13 28	1 5	20 38	0 12	13 5	0 2	16 53	5 16	23 6	23 6	22 15	3 39	4 22
T 30	23n 1	2n41	5n18	23n59	0n57	20n43	0s52	20n25	1n11	2s 6	1n15	13n26	1n 5	20s37	0n12	13s 5	0n 2	16n53	5s16	23n 6	23n 6	22n15	3n39	4n23

Julian Day Number = 2873550.5, Delta T = 01h13m01s
Ecliptic obliquity = 23°17'22, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°55'13, Lahiri = 40°02'14

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ASTRODIENST EPHEMERIS for the year 3155
geocentric

JULY 3155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 34 53	9♋28'11	18♎18	10♋26	21°R 7	4♌ 7	8♎20	27♌ 7	4°R 1	24°R59	17♋54	7♋ 5	6♋57	28♋ 7	29♓ 4	F 1
S 2	18 38 50	10°25'35	1♏28	12°38	20♋35	4°45	8°24	27°13	3♐59	24♒58	17°56	7° 6	6°54	28°14	29°R 4	S 2
S 3	18 42 46	11°22'58	15° 4	14°49	20° 1	5°24	8°29	27°19	3°57	24°56	17°57	7° 6	6°51	28°21	29° 4	S 3
M 4	18 46 43	12°20'20	29° 6	17° 0	19°27	6° 3	8°34	27°26	3°55	24°55	17°59	7° 6	6°47	28°27	29° 4	M 4
T 5	18 50 39	13°17'41	13♐34	19°10	18°51	6°41	8°39	27°32	3°53	24°54	18° 0	7° 7	6°44	28°34	29° 4	T 5
W 6	18 54 36	14°15'02	28°23	21°18	18°14	7°20	8°45	27°38	3°52	24°53	18° 2	7° 7	6°41	28°41	29° 4	W 6
T 7	18 58 32	15°12'21	13♑28	23°25	17°37	7°58	8°50	27°44	3°50	24°52	18° 3	7°R 7	6°38	28°47	29° 4	T 7
F 8	19 2 29	16° 9'41	28°38	25°30	16°59	8°37	8°56	27°51	3°48	24°51	18° 5	7° 7	6°35	28°54	29° 3	F 8
S 9	19 6 25	17° 6'59	13♒46	27°34	16°22	9°16	9° 2	27°57	3°47	24°50	18° 6	7° 6	6°31	29° 1	29° 3	S 9
S 10	19 10 22	18° 4'17	28°42	29°36	15°44	9°54	9° 8	28° 4	3°45	24°49	18° 7	7° 5	6°28	29° 7	29° 3	S 10
M11	19 14 19	19° 1'35	13♓19	1♌36	15° 7	10°33	9°14	28°10	3°44	24°47	18° 9	7° 3	6°25	29°14	29° 2	M11
T 12	19 18 15	19°58'53	27°32	3°34	14°30	11°11	9°20	28°17	3°42	24°46	18°10	7° 2	6°22	29°20	29° 2	T 12
W13	19 22 12	20°56'11	11♈19	5°29	13°55	11°50	9°26	28°23	3°41	24°45	18°12	7° 2	6°19	29°27	29° 1	W13
T 14	19 26 8	21°53'28	24°40	7°23	13°20	12°28	9°33	28°30	3°39	24°43	18°13	7°D 1	6°16	29°34	29° 1	T 14
F 15	19 30 5	22°50'45	7♉39	9°15	12°46	13° 6	9°39	28°37	3°38	24°42	18°15	7° 2	6°12	29°40	29° 0	F 15
S 16	19 34 1	23°48'03	20°17	11° 4	12°15	13°45	9°46	28°44	3°37	24°41	18°16	7° 3	6° 9	29°47	28°59	S 16
S 17	19 37 58	24°45'20	2♊38	12°51	11°44	14°23	9°53	28°50	3°35	24°40	18°18	7° 4	6° 6	29°54	28°58	S 17
M18	19 41 54	25°42'37	14°46	14°36	11°16	15° 2	10° 0	28°57	3°34	24°38	18°19	7° 6	6° 3	0♌ 0	28°58	M18
T 19	19 45 51	26°39'55	26°45	16°19	10°49	15°40	10° 7	29° 4	3°33	24°37	18°21	7° 7	6° 0	0° 7	28°57	T 19
W20	19 49 48	27°37'12	8♋37	18° 0	10°25	16°19	10°15	29°11	3°32	24°35	18°22	7°R 7	5°57	0°14	28°56	W20
T 21	19 53 44	28°34'29	20°26	19°38	10° 2	16°57	10°22	29°18	3°31	24°34	18°23	7° 6	5°53	0°20	28°55	T 21
F 22	19 57 41	29°31'46	2♌13	21°15	9°42	17°35	10°29	29°25	3°29	24°33	18°25	7° 5	5°50	0°27	28°54	F 22
S 23	20 1 37	0♌29'03	14° 2	22°49	9°24	18°14	10°37	29°32	3°28	24°31	18°26	7° 2	5°47	0°34	28°53	S 23
S 24	20 5 34	1°26'20	25°54	24°21	9° 8	18°52	10°45	29°39	3°28	24°30	18°28	6°58	5°44	0°40	28°51	S 24
M25	20 9 30	2°23'36	7♍51	25°50	8°55	19°30	10°53	29°46	3°27	24°28	18°29	6°54	5°41	0°47	28°50	M25
T 26	20 13 27	3°20'53	19°56	27°18	8°44	20° 9	11° 1	29°53	3°26	24°27	18°31	6°50	5°37	0°54	28°49	T 26
W27	20 17 23	4°18'09	2♎11	28°43	8°36	20°47	11° 9	0♍ 1	3°25	24°25	18°32	6°46	5°34	1° 0	28°48	W27
T 28	20 21 20	5°15'25	14°40	0♍ 5	8°29	21°25	11°17	0° 8	3°24	24°24	18°33	6°43	5°31	1° 7	28°46	T 28
F 29	20 25 17	6°12'40	27°25	1°26	8°26	22° 4	11°26	0°15	3°23	24°22	18°35	6°42	5°28	1°14	28°45	F 29
S 30	20 29 13	7° 9'56	10♏30	2°44	8°D24	22°42	11°34	0°22	3°23	24°21	18°36	6°D41	5°25	1°20	28°43	S 30
S 31	20 33 10	8♌ 7'12	23♏58	3♍59	8♋25	23♌20	11♎43	0♍30	3♐22	24♒19	18♋38	6♋42	5♋22	1♌27	28♓42	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n57	2s19	5n12	23n58	1n 5	20n33	1s 6	20n16	1n11	2s 8	1n15	13n24	1n 5	20s37	0n12	13s 5	0n 2	16n53	5s16	23n 6	23n 7	22n14	3n39	4n23
S 2	22 53	7 23	4 50	23 55	1 13	20 24	1 20	20 7	1 11	2 10	1 15	13 22	1 5	20 37	0 12	13 6	0 2	16 53	5 16	23 6	23 7	22 13	3 39	4 23
S 3	22 48	12 15	4 11	23 48	1 21	20 15	1 35	19 57	1 11	2 12	1 15	13 20	1 5	20 36	0 12	13 6	0 2	16 53	5 15	23 6	23 7	22 13	3 40	4 23
M 4	22 43	16 38	3 16	23 40	1 27	20 6	1 49	19 48	1 11	2 14	1 15	13 18	1 5	20 36	0 12	13 6	0 2	16 53	5 15	23 6	23 7	22 12	3 40	4 23
T 5	22 38	20 11	2 7	23 28	1 33	19 57	2 3	19 38	1 11	2 16	1 14	13 16	1 5	20 36	0 12	13 7	0 2	16 53	5 15	23 6	23 7	22 12	3 40	4 23
W 6	22 32	22 28	0 48	23 14	1 39	19 47	2 17	19 28	1 11	2 19	1 14	13 14	1 5	20 35	0 12	13 7	0 2	16 52	5 15	23 6	23 7	22 11	3 40	4 24
T 7	22 26	23 12	0s35	22 58	1 43	19 38	2 31	19 18	1 11	2 21	1 14	13 12	1 5	20 35	0 12	13 8	0 2	16 52	5 15	23 6	23 7	22 11	3 40	4 24
F 8	22 19	22 12	1 57	22 39	1 47	19 30	2 45	19 8	1 11	2 23	1 14	13 9	1 5	20 35	0 12	13 8	0 2	16 52	5 15	23 6	23 8	22 10	3 40	4 24
S 9	22 12	19 37	3 10	22 19	1 50	19 21	2 58	18 58	1 11	2 26	1 14	13 7	1 5	20 34	0 12	13 8	0 2	16 52	5 15	23 6	23 8	22 10	3 40	4 24
S 10	22 5	15 44	4 9	21 56	1 52	19 12	3 11	18 48	1 11	2 28	1 13	13 5	1 5	20 34	0 12	13 9	0 2	16 52	5 15	23 6	23 8	22 9	3 40	4 24
M11	21 57	10 59	4 50	21 31	1 53	19 4	3 24	18 38	1 11	2 31	1 13	13 3	1 5	20 34	0 12	13 9	0 2	16 52	5 15	23 6	23 8	22 8	3 40	4 25
T 12	21 49	5 46	5 13	21 5	1 54	18 55	3 36	18 27	1 11	2 33	1 13	13 1	1 5	20 34	0 12	13 10	0 2	16 52	5 15	23 6	23 8	22 8	3 40	4 25
W13	21 40	0 24	5 16	20 37	1 54	18 47	3 48	18 16	1 11	2 36	1 13	12 58	1 5	20 33	0 12	13 10	0 2	16 51	5 15	23 6	23 8	22 7	3 40	4 25
T 14	21 31	4n49	5 2	20 8	1 53	18 40	3 59	18 6	1 11	2 39	1 13	12 56	1 5	20 33	0 12	13 10	0 2	16 51	5 15	23 6	23 9	22 7	3 40	4 25
F 15	21 22	9 40	4 33	19 38	1 52	18 32	4 10	17 55	1 11	2 41	1 12	12 54	1 5	20 33	0 12	13 11	0 2	16 51	5 15	23 6	23 9	22 6	3 40	4 25
S 16	21 12	13 59	3 51	19 6	1 50	18 25	4 20	17 44	1 11	2 44	1 12	12 51	1 5	20 33	0 12	13 11	0 2	16 51	5 15	23 6	23 9	22 5	3 40	4 25
S 17	21 2	17 37	2 59	18 33	1 47	18 18	4 29	17 33	1 11	2 47	1 12	12 49	1 5	20 32	0 12	13 12	0 2	16 51	5 15	23 6	23 9	22 5	3 40	4 26
M18	20 52	20 26	2 0	18 0	1 43	18 12	4 38	17 21	1 11	2 50	1 12	12 47	1 5	20 32	0 12	13 12	0 2	16 51	5 15	23 6	23 9	22 4	3 39	4 26
T 19	20 41	22 18	0 57	17 26	1 39	18 6	4 46	17 10	1 11	2 53	1 12	12 44	1 5	20 32	0 12	13 13	0 2	16 51	5 15	23 6	23 9	22 3	3 39	4 26
W20	20 30	23 9	0n 8	16 51	1 35	18 0	4 54	16 58	1 11	2 56	1 11	12 42	1 5	20 32	0 12	13 13	0 2	16 50	5 15	23 6	23 9	22 3	3 39	4 26
T 21	20 19	22 57	1 13	16 15	1 29	17 55	5 1	16 47	1 11	2 59	1 11	12 39	1 5	20 32	0 12	13 14	0 2	16 50	5 15	23 6	23 10	22 2	3 39	4 26
F 22	20 7	21 43	2 14	15 39	1 24	17 50	5 7	16 35	1 11	3 2	1 11	12 37	1 5	20 32	0 12	13 14	0 2	16 50	5 15	23 6	23 10	22 2	3 38	4 26
S 23	19 55	19 32	3 10	15 3	1 17	17 45	5 13	16 23	1 11	3 5	1 11	12 35	1 5	20 31	0 12	13 15	0 1	16 50	5 15	23 6	23 10	22 1	3 38	4 27
S 24	19 43	16 31	3 57	14 26	1 10	17 41	5 18	16 11	1 10	3 9	1 11	12 32	1 5	20 31	0 12	13 15	0 1	16 50	5 15	23 6	23 10	22 0	3 38	4 27
M25	19 30	12 49	4 34	13 49	1 3	17 37	5 23	15 59	1 10	3 12	1 11	12 30	1 5	20 31	0 12	13 16	0 1	16 50	5 15	23 7	23 10	22 0	3 37	4 27
T 26	19 17	8 34	5 0	13 12	0 55	17 34	5 27	15 47	1 10	3 15	1 10	12 27	1 5	20 31	0 12	13 16	0 1	16 49	5 14	23 7	23 10	21 59	3 37	4 27
W27	19 4	3 55	5 12	12 35	0 47	17 31	5 30	15 35	1 10	3 18	1 10	12 25	1 5	20 31	0 12	13 17	0 1	16 49	5 14	23 7	23 10	21 58	3 37	4 27
T 28	18 50	0s58	5 10	11 58	0 38	17 28	5 33	15 23	1 10	3 22	1 10	12 22	1 5	20 31	0 12	13 17	0 1	16 49	5 14	23 7	23 11	21 58	3 36	4 27
F 29	18 36	5 55	4 53	11 21	0 29	17 26	5 36	15 10	1 10	3 25	1 10	12 20	1 5	20 31	0 12	13 18	0 1	16 49	5 14	23 7	23 11	21 57	3 36	4 27
S 30	18 22	10 45	4 21	10 44	0 19	17 24	5 38	14 58	1 10	3 29	1 10	12 17	1 5	20 30	0 12	13 18	0 1	16 49	5 14	23 7	23 11	21 56	3 35	4 28
S 31	18n 7	15s12	3n33	10n 8	0n 9	17n23	5s39	14n45	1n10	3s32	1n10	12n15	1n 5	20s30	0n12	13s19	0n 1	16n49	5s14	23n 7	23n11	21n55	3n35	4n28

Julian Day Number = 2873580.5, Delta T = 01h13m01s
Ecliptic obliquity = 23°17'22, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°55'18, Lahiri = 40°02'18

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ASTRODIENST EPHEMERIS for the year 3155
geocentric

AUGUST 3155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 37 6	9♌ 4'27	7♐50	5♍12	8♋28	23♌58	11♎51	0♍37	3°R22	24°R18	18♋39	6♋44	5♋18	1♌34	28°R40	M 1
T 2	20 41 3	10° 1'43	22° 7	6°23	8°34	24°37	12° 0	0°44	3♐21	24♒16	18°40	6°45	5°15	1°40	28♓39	T 2
W 3	20 44 59	10°58'58	6♑48	7°31	8°41	25°15	12° 9	0°52	3°21	24°14	18°42	6°R46	5°12	1°47	28°37	W 3
T 4	20 48 56	11°56'14	21°47	8°36	8°51	25°53	12°18	0°59	3°20	24°13	18°43	6°45	5° 9	1°54	28°36	T 4
F 5	20 52 52	12°53'30	6♒58	9°38	9° 3	26°31	12°27	1° 7	3°20	24°11	18°44	6°42	5° 6	2° 0	28°34	F 5
S 6	20 56 49	13°50'46	22°11	10°37	9°16	27°10	12°36	1°14	3°19	24°10	18°46	6°38	5° 3	2° 7	28°32	S 6
S 7	21 0 46	14°48'02	7♓17	11°34	9°32	27°48	12°46	1°22	3°19	24° 8	18°47	6°33	4°59	2°14	28°30	S 7
M 8	21 4 42	15°45'19	22° 4	12°27	9°50	28°26	12°55	1°29	3°19	24° 6	18°48	6°28	4°56	2°20	28°28	M 8
T 9	21 8 39	16°42'36	6♈28	13°17	10°10	29° 4	13° 4	1°37	3°19	24° 5	18°50	6°22	4°53	2°27	28°26	T 9
W10	21 12 35	17°39'54	20°24	14° 4	10°31	29°43	13°14	1°44	3°19	24° 3	18°51	6°18	4°50	2°34	28°24	W10
T 11	21 16 32	18°37'13	3♉51	14°47	10°54	0♍21	13°24	1°52	3°19	24° 2	18°52	6°15	4°47	2°40	28°22	T 11
F 12	21 20 28	19°34'33	16°50	15°26	11°19	0°59	13°34	1°59	3°D19	24° 0	18°54	6°D14	4°43	2°47	28°20	F 12
S 13	21 24 25	20°31'53	29°26	16° 2	11°45	1°37	13°43	2° 7	3°19	23°58	18°55	6°14	4°40	2°54	28°18	S 13
S 14	21 28 21	21°29'15	11♊44	16°33	12°13	2°15	13°53	2°15	3°19	23°57	18°56	6°16	4°37	3° 0	28°16	S 14
M15	21 32 18	22°26'37	23°46	17° 1	12°43	2°53	14° 3	2°22	3°19	23°55	18°57	6°17	4°34	3° 7	28°14	M15
T 16	21 36 15	23°24'00	5♋40	17°24	13°14	3°32	14°14	2°30	3°19	23°54	18°59	6°R18	4°31	3°14	28°12	T 16
W17	21 40 11	24°21'25	17°28	17°42	13°46	4°10	14°24	2°37	3°19	23°52	19° 0	6°17	4°28	3°20	28°10	W17
T 18	21 44 8	25°18'49	29°15	17°56	14°19	4°48	14°34	2°45	3°20	23°50	19° 1	6°14	4°24	3°27	28° 7	T 18
F 19	21 48 4	26°16'15	11♌ 4	18° 5	14°54	5°26	14°44	2°53	3°20	23°49	19° 2	6° 9	4°21	3°34	28° 5	F 19
S 20	21 52 1	27°13'42	22°57	18°R 9	15°31	6° 4	14°55	3° 0	3°20	23°47	19° 3	6° 2	4°18	3°40	28° 3	S 20
S 21	21 55 57	28°11'09	4♍56	18° 8	16° 8	6°42	15° 5	3° 8	3°21	23°45	19° 5	5°53	4°15	3°47	28° 1	S 21
M22	21 59 54	29° 8'37	17° 2	18° 2	16°46	7°21	15°16	3°16	3°21	23°44	19° 6	5°44	4°12	3°54	27°58	M22
T 23	22 3 50	0♍ 6'06	29°18	17°51	17°26	7°59	15°27	3°23	3°22	23°42	19° 7	5°34	4° 8	4° 0	27°56	T 23
W24	22 7 47	1° 3'35	11♎43	17°34	18° 7	8°37	15°38	3°31	3°23	23°41	19° 8	5°25	4° 5	4° 7	27°53	W24
T 25	22 11 44	2° 1'06	24°21	17°12	18°48	9°15	15°48	3°39	3°23	23°39	19° 9	5°17	4° 2	4°14	27°51	T 25
F 26	22 15 40	2°58'37	7♏11	16°45	19°31	9°53	15°59	3°47	3°24	23°37	19°10	5°12	3°59	4°20	27°48	F 26
S 27	22 19 37	3°56'08	20°17	16°13	20°15	10°31	16°10	3°54	3°25	23°36	19°11	5° 9	3°56	4°27	27°46	S 27
S 28	22 23 33	4°53'41	3♐41	15°37	20°59	11° 9	16°21	4° 2	3°26	23°34	19°12	5°D 8	3°53	4°34	27°43	S 28
M29	22 27 30	5°51'14	17°24	14°57	21°44	11°48	16°33	4°10	3°26	23°33	19°14	5° 9	3°49	4°40	27°41	M29
T 30	22 31 26	6°48'48	1♑29	14°13	22°31	12°26	16°44	4°17	3°27	23°31	19°15	5°R 9	3°46	4°47	27°38	T 30
W31	22 35 23	7♍46'23	15♑54	13♍27	23♋18	13♍ 4	16♎55	4♍25	3♐28	23♒29	19♋16	5♋ 9	3♋43	4♌54	27♓35	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n53	18s59	2n32	9n31	0s 1	17n21	5s41	14n33	1n10	3s36	1n 9	12n12	1n 5	20s30	0n12	13s19	0n 1	16n48	5s14	23n 7	23n11	21n55	3n34	4n28
T 2	17 37	21 44	1 19	8 56	0 12	17 20	5 41	14 20	1 10	3 39	1 9	12 9	1 5	20 30	0 12	13 20	0 1	16 48	5 14	23 7	23 11	21 54	3 34	4 28
W 3	17 22	23 7	0s 0	8 20	0 23	17 20	5 41	14 7	1 10	3 43	1 9	12 7	1 5	20 30	0 12	13 20	0 1	16 48	5 14	23 7	23 11	21 53	3 33	4 28
T 4	17 6	22 52	1 21	7 46	0 35	17 19	5 41	13 54	1 9	3 46	1 9	12 4	1 5	20 30	0 12	13 21	0 1	16 48	5 14	23 7	23 11	21 53	3 33	4 28
F 5	16 50	20 57	2 37	7 12	0 46	17 19	5 41	13 41	1 9	3 50	1 9	12 2	1 5	20 30	0 12	13 21	0 1	16 48	5 14	23 7	23 12	21 52	3 32	4 28
S 6	16 34	17 32	3 42	6 38	0 58	17 19	5 40	13 28	1 9	3 54	1 9	11 59	1 5	20 30	0 12	13 22	0 1	16 48	5 14	23 7	23 12	21 51	3 32	4 28
S 7	16 18	12 59	4 31	6 6	1 10	17 19	5 39	13 15	1 9	3 57	1 8	11 56	1 5	20 30	0 12	13 22	0 1	16 47	5 14	23 8	23 12	21 50	3 31	4 29
M 8	16 1	7 44	5 1	5 34	1 23	17 19	5 37	13 1	1 9	4 1	1 8	11 54	1 5	20 30	0 12	13 23	0 1	16 47	5 14	23 8	23 12	21 50	3 31	4 29
T 9	15 44	2 12	5 10	5 4	1 35	17 20	5 36	12 48	1 9	4 5	1 8	11 51	1 5	20 30	0 12	13 23	0 1	16 47	5 14	23 8	23 12	21 49	3 30	4 29
W10	15 27	3n16	5 1	4 34	1 48	17 20	5 34	12 35	1 9	4 9	1 8	11 49	1 5	20 30	0 12	13 24	0 1	16 47	5 14	23 8	23 12	21 48	3 29	4 29
T 11	15 9	8 24	4 35	4 6	2 1	17 20	5 31	12 21	1 9	4 13	1 8	11 46	1 5	20 30	0 12	13 25	0 1	16 47	5 14	23 9	23 12	21 47	3 28	4 29
F 12	14 51	12 59	3 56	3 39	2 13	17 21	5 29	12 8	1 9	4 17	1 8	11 43	1 6	20 30	0 12	13 25	0 1	16 47	5 14	23 9	23 12	21 47	3 28	4 29
S 13	14 33	16 52	3 6	3 14	2 26	17 22	5 26	11 54	1 8	4 21	1 8	11 41	1 6	20 30	0 11	13 26	0 1	16 46	5 14	23 9	23 12	21 46	3 27	4 29
S 14	14 15	19 55	2 9	2 50	2 39	17 22	5 23	11 40	1 8	4 25	1 7	11 38	1 6	20 30	0 11	13 26	0 1	16 46	5 14	23 9	23 13	21 45	3 26	4 29
M15	13 57	22 1	1 7	2 27	2 52	17 23	5 20	11 26	1 8	4 29	1 7	11 35	1 6	20 30	0 11	13 27	0 1	16 46	5 14	23 8	23 13	21 44	3 26	4 29
T 16	13 38	23 7	0 3	2 7	3 5	17 23	5 17	11 13	1 8	4 33	1 7	11 33	1 6	20 30	0 11	13 27	0 1	16 46	5 14	23 8	23 13	21 43	3 25	4 29
W17	13 19	23 9	1n 0	1 48	3 17	17 24	5 13	10 59	1 8	4 37	1 7	11 30	1 6	20 30	0 11	13 28	0 1	16 46	5 14	23 8	23 13	21 43	3 24	4 29
T 18	13 0	22 9	2 1	1 31	3 29	17 24	5 9	10 45	1 8	4 41	1 7	11 27	1 6	20 30	0 11	13 28	0 1	16 45	5 15	23 9	23 13	21 42	3 23	4 30
F 19	12 41	20 10	2 56	1 17	3 41	17 24	5 6	10 31	1 8	4 45	1 7	11 25	1 6	20 30	0 11	13 29	0 1	16 45	5 15	23 9	23 13	21 41	3 22	4 30
S 20	12 21	17 19	3 44	1 5	3 53	17 24	5 2	10 16	1 7	4 49	1 7	11 22	1 6	20 30	0 11	13 29	0 1	16 45	5 15	23 9	23 13	21 40	3 21	4 30
S 21	12 2	13 43	4 23	0 55	4 3	17 24	4 57	10 2	1 7	4 53	1 7	11 19	1 6	20 30	0 11	13 30	0 1	16 45	5 15	23 10	23 13	21 39	3 21	4 30
M22	11 42	9 32	4 50	0 48	4 13	17 24	4 53	9 48	1 7	4 57	1 6	11 16	1 6	20 31	0 11	13 31	0 1	16 45	5 15	23 10	23 13	21 39	3 20	4 30
T 23	11 22	4 55	5 4	0 44	4 23	17 23	4 49	9 34	1 7	5 1	1 6	11 14	1 6	20 31	0 11	13 31	0 1	16 45	5 15	23 10	23 14	21 38	3 19	4 30
W24	11 2	0 3	5 4	0 43	4 31	17 23	4 44	9 19	1 7	5 6	1 6	11 11	1 6	20 31	0 11	13 32	0 1	16 44	5 15	23 11	23 14	21 37	3 18	4 30
T 25	10 41	4s54	4 49	0 45	4 39	17 22	4 40	9 5	1 7	5 10	1 6	11 8	1 6	20 31	0 11	13 32	0 1	16 44	5 15	23 11	23 14	21 36	3 17	4 30
F 26	10 21	9 44	4 20	0 49	4 45	17 21	4 35	8 51	1 7	5 14	1 6	11 6	1 6	20 31	0 11	13 33	0 1	16 44	5 15	23 11	23 14	21 35	3 16	4 30
S 27	10 0	14 14	3 36	0 57	4 50	17 19	4 30	8 36	1 6	5 19	1 6	11 3	1 6	20 31	0 11	13 33	0 1	16 44	5 15	23 11	23 14	21 34	3 15	4 30
S 28	9 39	18 8	2 40	1 7	4 53	17 18	4 25	8 21	1 6	5 23	1 6	11 0	1 7	20 32	0 11	13 34	0 1	16 44	5 15	23 11	23 14	21 33	3 14	4 30
M29	9 18	21 9	1 33	1 21	4 55	17 16	4 20	8 7	1 6	5 27	1 6	10 57	1 7	20 32	0 11	13 34	0 1	16 43	5 15	23 11	23 14	21 33	3 13	4 30
T 30	8 57	22 57	0 20	1 38	4 55	17 13	4 15	7 52	1 6	5 32	1 5	10 55	1 7	20 32	0 11	13 35	0 1	16 43	5 15	23 11	23 14	21 32	3 12	4 30
W31	8n36	23s18	0s57	1n57	4s53	17n11	4s10	7n38	1n 6	5s36	1n 5	10n52	1n 7	20s32	0n11	13s35	0n 1	16n43	5s15	23n11	23n14	21n31	3n11	4n30

Julian Day Number = 2873611.5, Delta T = 01h13m02s
Ecliptic obliquity = 23°17'22, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°55'22, Lahiri = 40°02'22

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ASTRODIENST EPHEMERIS for the year 3155
geocentric

SEPTEMBER 3155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 39 19	8♍43'59	0♒37	12°R38	24♋ 6	13♍42	17♎ 6	4♍33	3♐29	23°R28	19♋17	5°R 7	3♋40	5♌ 0	27°R33	T 1
F 2	22 43 16	9°41'35	15°34	11♍49	24°54	14°20	17°18	4°40	3°30	23♒26	19°18	5♋ 2	3°37	5° 7	27♓30	F 2
S 3	22 47 13	10°39'13	0♓37	10°59	25°44	14°58	17°29	4°48	3°32	23°25	19°19	4°55	3°34	5°14	27°27	S 3
S 4	22 51 9	11°36'51	15°36	10° 9	26°34	15°36	17°41	4°56	3°33	23°23	19°20	4°46	3°30	5°20	27°25	S 4
M 5	22 55 6	12°34'31	0♈22	9°21	27°25	16°14	17°52	5° 3	3°34	23°22	19°21	4°36	3°27	5°27	27°22	M 5
T 6	22 59 2	13°32'12	14°48	8°36	28°16	16°53	18° 4	5°11	3°35	23°20	19°21	4°26	3°24	5°34	27°19	T 6
W 7	23 2 59	14°29'54	28°47	7°54	29° 8	17°31	18°16	5°19	3°37	23°19	19°22	4°17	3°21	5°40	27°16	W 7
T 8	23 6 55	15°27'38	12♉18	7°17	0♌ 1	18° 9	18°27	5°26	3°38	23°17	19°23	4°11	3°18	5°47	27°14	T 8
F 9	23 10 52	16°25'24	25°21	6°45	0°54	18°47	18°39	5°34	3°39	23°16	19°24	4° 7	3°14	5°54	27°11	F 9
S 10	23 14 48	17°23'11	8♊ 0	6°20	1°48	19°25	18°51	5°42	3°41	23°14	19°25	4° 5	3°11	6° 0	27° 8	S 10
S 11	23 18 45	18°21'00	20°17	6° 0	2°43	20° 3	19° 3	5°49	3°42	23°13	19°26	4°D 5	3° 8	6° 7	27° 5	S 11
M12	23 22 42	19°18'50	2♋20	5°48	3°38	20°41	19°15	5°57	3°44	23°11	19°27	4°R 5	3° 5	6°14	27° 2	M12
T 13	23 26 38	20°16'42	14°13	5°D44	4°33	21°19	19°27	6° 4	3°46	23°10	19°28	4° 5	3° 2	6°20	27° 0	T 13
W14	23 30 35	21°14'36	26° 0	5°47	5°29	21°58	19°39	6°12	3°47	23° 9	19°28	4° 3	2°59	6°27	26°57	W14
T 15	23 34 31	22°12'31	7♌48	5°59	6°26	22°36	19°51	6°19	3°49	23° 7	19°29	3°59	2°55	6°34	26°54	T 15
F 16	23 38 28	23°10'28	19°41	6°18	7°23	23°14	20° 3	6°27	3°51	23° 6	19°30	3°52	2°52	6°40	26°51	F 16
S 17	23 42 24	24° 8'27	1♍40	6°46	8°21	23°52	20°15	6°34	3°53	23° 4	19°31	3°42	2°49	6°47	26°48	S 17
S 18	23 46 21	25° 6'27	13°48	7°21	9°19	24°30	20°28	6°42	3°55	23° 3	19°31	3°30	2°46	6°54	26°45	S 18
M19	23 50 17	26° 4'29	26° 8	8° 5	10°17	25° 8	20°40	6°49	3°56	23° 2	19°32	3°17	2°43	7° 0	26°43	M19
T 20	23 54 14	27° 2'32	8♎38	8°56	11°16	25°47	20°52	6°57	3°58	23° 1	19°33	3° 3	2°40	7° 7	26°40	T 20
W21	23 58 10	28° 0'37	21°21	9°54	12°15	26°25	21° 5	7° 4	4° 0	22°59	19°33	2°51	2°36	7°14	26°37	W21
T 22	0 2 7	28°58'43	4♏14	11° 0	13°15	27° 3	21°17	7°11	4° 2	22°58	19°34	2°40	2°33	7°20	26°34	T 22
F 23	0 6 4	29°56'51	17°19	12°12	14°15	27°41	21°29	7°19	4° 4	22°57	19°35	2°33	2°30	7°27	26°31	F 23
S 24	0 10 0	0♎55'00	0♐36	13°30	15°15	28°19	21°42	7°26	4° 7	22°56	19°35	2°28	2°27	7°34	26°28	S 24
S 25	0 13 57	1°53'11	14° 5	14°53	16°16	28°57	21°54	7°33	4° 9	22°54	19°36	2°26	2°24	7°40	26°25	S 25
M26	0 17 53	2°51'23	27°47	16°22	17°17	29°36	22° 7	7°41	4°11	22°53	19°36	2°25	2°20	7°47	26°23	M26
T 27	0 21 50	3°49'36	11♑44	17°55	18°18	0♎14	22°19	7°48	4°13	22°52	19°37	2°25	2°17	7°54	26°20	T 27
W28	0 25 46	4°47'51	25°55	19°32	19°20	0°52	22°32	7°55	4°16	22°51	19°37	2°24	2°14	8° 0	26°17	W28
T 29	0 29 43	5°46'07	10♒19	21°13	20°22	1°30	22°45	8° 2	4°18	22°50	19°38	2°21	2°11	8° 7	26°14	T 29
F 30	0 33 39	6♎44'25	24♒54	22♍57	21♌25	2♎ 8	22♎57	8♍ 9	4♐20	22♒49	19♋38	2♋16	2♋ 8	8♌14	26♓11	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n15	22s 2	2s11	2n18	4s50	17n 8	4s 5	7n23	1n 5	5s40	1n 5	10n49	1n 7	20s32	0n11	13s36	0n 1	16n43	5s15	23n12	23n14	21n30	3n10	4n30
F 2	7 53	19 13	3 18	2 42	4 44	17 5	4 0	7 8	1 5	5 45	1 5	10 47	1 7	20 33	0 11	13 36	0 1	16 43	5 15	23 12	23 14	21 29	3 9	4 30
S 3	7 32	15 6	4 11	3 7	4 37	17 1	3 55	6 53	1 5	5 49	1 5	10 44	1 7	20 33	0 11	13 37	0 1	16 43	5 15	23 12	23 15	21 28	3 8	4 30
S 4	7 10	10 3	4 46	3 34	4 28	16 57	3 49	6 38	1 5	5 54	1 5	10 41	1 7	20 33	0 11	13 37	0 1	16 42	5 15	23 12	23 15	21 27	3 7	4 30
M 5	6 48	4 29	5 2	4 2	4 17	16 53	3 44	6 24	1 5	5 58	1 5	10 38	1 7	20 33	0 11	13 38	0 1	16 42	5 15	23 13	23 15	21 26	3 6	4 30
T 6	6 26	1n13	4 58	4 30	4 5	16 49	3 38	6 9	1 5	6 3	1 5	10 36	1 7	20 34	0 11	13 38	0 1	16 42	5 15	23 13	23 15	21 25	3 5	4 30
W 7	6 4	6 40	4 36	4 59	3 51	16 44	3 33	5 54	1 4	6 7	1 5	10 33	1 7	20 34	0 11	13 39	0 1	16 42	5 15	23 13	23 15	21 24	3 4	4 30
T 8	5 42	11 38	3 59	5 26	3 36	16 38	3 27	5 39	1 4	6 12	1 5	10 30	1 7	20 34	0 11	13 39	0 1	16 42	5 15	23 13	23 15	21 24	3 2	4 30
F 9	5 20	15 54	3 10	5 53	3 19	16 33	3 22	5 24	1 4	6 16	1 5	10 28	1 8	20 34	0 11	13 40	0 1	16 42	5 15	23 14	23 15	21 23	3 1	4 30
S 10	4 57	19 18	2 14	6 18	3 2	16 26	3 16	5 9	1 4	6 21	1 4	10 25	1 8	20 35	0 11	13 40	0 1	16 41	5 15	23 14	23 15	21 22	3 0	4 30
S 11	4 35	21 44	1 13	6 42	2 44	16 20	3 11	4 54	1 4	6 25	1 4	10 22	1 8	20 35	0 11	13 41	0 1	16 41	5 15	23 14	23 15	21 21	2 59	4 30
M12	4 12	23 7	0 9	7 4	2 26	16 13	3 5	4 38	1 3	6 30	1 4	10 20	1 8	20 35	0 11	13 41	0 1	16 41	5 15	23 14	23 15	21 20	2 58	4 30
T 13	3 50	23 25	0n54	7 23	2 7	16 6	3 0	4 23	1 3	6 34	1 4	10 17	1 8	20 36	0 11	13 42	0 1	16 41	5 15	23 14	23 15	21 19	2 57	4 30
W14	3 27	22 40	1 54	7 39	1 49	15 58	2 54	4 8	1 3	6 39	1 4	10 14	1 8	20 36	0 11	13 42	0 1	16 41	5 16	23 14	23 15	21 18	2 56	4 30
T 15	3 4	20 55	2 49	7 52	1 30	15 50	2 49	3 53	1 3	6 44	1 4	10 12	1 8	20 36	0 11	13 43	0 1	16 41	5 16	23 14	23 15	21 17	2 54	4 30
F 16	2 42	18 15	3 37	8 2	1 12	15 41	2 43	3 38	1 3	6 48	1 4	10 9	1 8	20 37	0 11	13 43	0 1	16 40	5 16	23 14	23 16	21 16	2 53	4 30
S 17	2 19	14 47	4 15	8 8	0 54	15 32	2 37	3 23	1 2	6 53	1 4	10 6	1 8	20 37	0 11	13 44	0 1	16 40	5 16	23 14	23 16	21 15	2 52	4 30
S 18	1 56	10 41	4 43	8 11	0 37	15 22	2 32	3 7	1 2	6 57	1 4	10 4	1 8	20 37	0 11	13 44	0 1	16 40	5 16	23 15	23 16	21 14	2 51	4 30
M19	1 33	6 5	4 58	8 11	0 20	15 13	2 26	2 52	1 2	7 2	1 4	10 1	1 9	20 38	0 11	13 45	0 1	16 40	5 16	23 15	23 16	21 13	2 50	4 30
T 20	1 10	1 11	4 59	8 6	0 4	15 2	2 20	2 37	1 2	7 7	1 4	9 58	1 9	20 38	0 11	13 45	0 1	16 40	5 16	23 15	23 16	21 12	2 49	4 30
W21	0 47	3s52	4 45	7 58	0n11	14 51	2 15	2 22	1 1	7 11	1 4	9 56	1 9	20 38	0 11	13 45	0 1	16 40	5 16	23 16	23 16	21 11	2 47	4 30
T 22	0 24	8 49	4 16	7 47	0 25	14 40	2 9	2 6	1 1	7 16	1 4	9 53	1 9	20 39	0 11	13 46	0 1	16 40	5 16	23 16	23 16	21 10	2 46	4 29
F 23	0 1	13 28	3 34	7 31	0 38	14 29	2 4	1 51	1 1	7 21	1 3	9 50	1 9	20 39	0 11	13 46	0 1	16 39	5 16	23 16	23 16	21 9	2 45	4 29
S 24	0s22	17 33	2 40	7 13	0 49	14 17	1 58	1 36	1 1	7 25	1 3	9 48	1 9	20 40	0 11	13 47	0 1	16 39	5 16	23 16	23 16	21 8	2 44	4 29
S 25	0 45	20 46	1 35	6 51	1 0	14 4	1 53	1 20	1 1	7 30	1 3	9 45	1 9	20 40	0 11	13 47	0 1	16 39	5 16	23 16	23 16	21 7	2 43	4 29
M26	1 8	22 52	0 25	6 25	1 10	13 51	1 47	1 5	1 0	7 35	1 3	9 43	1 9	20 41	0 11	13 47	0 1	16 39	5 16	23 16	23 16	21 6	2 41	4 29
T 27	1 31	23 35	0s49	5 57	1 18	13 38	1 42	0 50	1 0	7 39	1 3	9 40	1 9	20 41	0 11	13 48	0 1	16 39	5 16	23 16	23 16	21 5	2 40	4 29
W28	1 54	22 49	2 1	5 26	1 26	13 24	1 36	0 34	1 0	7 44	1 3	9 38	1 10	20 41	0 11	13 48	0 1	16 39	5 16	23 16	23 16	21 4	2 39	4 29
T 29	2 17	20 32	3 6	4 53	1 32	13 10	1 31	0 19	1 0	7 49	1 3	9 35	1 10	20 42	0 11	13 48	0 1	16 39	5 16	23 16	23 16	21 3	2 38	4 29
F 30	2s40	16s54	4s 0	4n17	1n38	12n55	1s26	0n 4	0n59	7s54	1n 3	9n33	1n10	20s42	0n11	13s49	0n 1	16n38	5s17	23n16	23n16	21n 2	2n36	4n29

Julian Day Number = 2873642.5, Delta T = 01h13m02s
Ecliptic obliquity = 23°17'23, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°55'26, Lahiri = 40°02'27

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ASTRODIENST EPHEMERIS for the year 3155
geocentric

OCTOBER 3155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 37 36	7♎42'44	9♓35	24♍43	22♌27	2♎47	23♎10	8♍16	4♐23	22°R48	19♋39	2°R 8	2♋ 5	8♌20	26°R 9	S 1
S 2	0 41 33	8°41'05	24°14	26°31	23°30	3°25	23°23	8°23	4°25	22♒47	19°39	1♋57	2° 1	8°27	26♓ 6	S 2
M 3	0 45 29	9°39'27	8♈45	28°21	24°34	4° 3	23°35	8°30	4°28	22°46	19°40	1°46	1°58	8°34	26° 3	M 3
T 4	0 49 26	10°37'51	22°59	0♎11	25°37	4°41	23°48	8°37	4°30	22°45	19°40	1°34	1°55	8°40	26° 0	T 4
W 5	0 53 22	11°36'17	6♉52	2° 3	26°41	5°20	24° 1	8°44	4°33	22°44	19°40	1°24	1°52	8°47	25°58	W 5
T 6	0 57 19	12°34'45	20°20	3°55	27°45	5°58	24°14	8°51	4°35	22°43	19°41	1°16	1°49	8°54	25°55	T 6
F 7	1 1 15	13°33'15	3♊23	5°47	28°50	6°36	24°26	8°58	4°38	22°42	19°41	1°11	1°45	9° 0	25°52	F 7
S 8	1 5 12	14°31'47	16° 2	7°40	29°55	7°14	24°39	9° 5	4°41	22°41	19°41	1° 8	1°42	9° 7	25°50	S 8
S 9	1 9 8	15°30'21	28°22	9°32	1♍ 0	7°53	24°52	9°11	4°44	22°40	19°41	1°D 8	1°39	9°14	25°47	S 9
M10	1 13 5	16°28'58	10♋26	11°24	2° 5	8°31	25° 5	9°18	4°46	22°40	19°42	1°R 8	1°36	9°20	25°44	M10
T 11	1 17 2	17°27'36	22°20	13°15	3°10	9° 9	25°18	9°25	4°49	22°39	19°42	1° 8	1°33	9°27	25°42	T 11
W12	1 20 58	18°26'17	4♌ 9	15° 6	4°16	9°48	25°31	9°31	4°52	22°38	19°42	1° 7	1°30	9°34	25°39	W12
T 13	1 24 55	19°25'00	15°59	16°57	5°22	10°26	25°44	9°38	4°55	22°37	19°42	1° 3	1°26	9°40	25°37	T 13
F 14	1 28 51	20°23'44	27°54	18°46	6°28	11° 4	25°57	9°44	4°58	22°37	19°43	0°58	1°23	9°47	25°34	F 14
S 15	1 32 48	21°22'31	9♍59	20°35	7°35	11°43	26° 9	9°51	5° 1	22°36	19°43	0°49	1°20	9°54	25°32	S 15
S 16	1 36 44	22°21'20	22°16	22°23	8°41	12°21	26°22	9°57	5° 4	22°35	19°43	0°39	1°17	10° 0	25°29	S 16
M17	1 40 41	23°20'12	4♎48	24°10	9°48	12°59	26°35	10° 3	5° 7	22°35	19°43	0°27	1°14	10° 7	25°27	M17
T 18	1 44 37	24°19'05	17°35	25°56	10°55	13°38	26°48	10°10	5°10	22°34	19°43	0°16	1°11	10°14	25°24	T 18
W19	1 48 34	25°18'00	0♏37	27°41	12° 3	14°16	27° 1	10°16	5°13	22°34	19°43	0° 4	1° 7	10°20	25°22	W19
T 20	1 52 30	26°16'57	13°52	29°26	13°10	14°54	27°14	10°22	5°16	22°33	19°R43	29♊55	1° 4	10°27	25°20	T 20
F 21	1 56 27	27°15'56	27°19	1♏ 9	14°18	15°33	27°27	10°28	5°19	22°33	19°43	29°48	1° 1	10°34	25°17	F 21
S 22	2 0 24	28°14'57	10♐56	2°52	15°25	16°11	27°40	10°34	5°22	22°32	19°43	29°45	0°58	10°40	25°15	S 22
S 23	2 4 20	29°13'59	24°42	4°34	16°33	16°50	27°53	10°40	5°25	22°32	19°43	29°D43	0°55	10°47	25°13	S 23
M24	2 8 17	0♏13'04	8♑35	6°15	17°42	17°28	28° 6	10°46	5°29	22°31	19°43	29°43	0°51	10°54	25°11	M24
T 25	2 12 13	1°12'10	22°35	7°55	18°50	18° 7	28°19	10°52	5°32	22°31	19°43	29°44	0°48	11° 0	25° 9	T 25
W26	2 16 10	2°11'18	6♒42	9°34	19°58	18°45	28°32	10°58	5°35	22°31	19°43	29°R44	0°45	11° 7	25° 6	W26
T 27	2 20 6	3°10'27	20°53	11°13	21° 7	19°23	28°45	11° 4	5°38	22°30	19°42	29°43	0°42	11°14	25° 4	T 27
F 28	2 24 3	4° 9'38	5♓ 8	12°51	22°16	20° 2	28°58	11° 9	5°42	22°30	19°42	29°39	0°39	11°20	25° 2	F 28
S 29	2 27 59	5° 8'51	19°24	14°28	23°25	20°40	29°11	11°15	5°45	22°30	19°42	29°33	0°36	11°27	25° 0	S 29
S 30	2 31 56	6° 8'05	3♈36	16° 4	24°34	21°19	29°24	11°20	5°48	22°30	19°42	29°25	0°32	11°34	24°58	S 30
M31	2 35 53	7♏ 7'21	17♈40	17♏40	25♍43	21♎57	29♎37	11♍26	5♐52	22♒30	19♋42	29♊17	0♋29	11♌40	24♓56	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 2	12s13	4s38	3n39	1n42	12n41	1s20	0s12	0n59	7s58	1n 3	9n30	1n10	20s43	0n11	13s49	0n 1	16n38	5s17	23n16	23n16	21n 1	2n35	4n28
S 2	3 25	6 50	4 58	2 59	1 45	12 25	1 15	0 27	0 59	8 3	1 3	9 28	1 10	20 43	0 11	13 50	0 1	16 38	5 17	23 17	23 16	21 0	2 34	4 28
M 3	3 48	1 8	4 58	2 18	1 47	12 9	1 10	0 42	0 59	8 8	1 3	9 25	1 10	20 44	0 11	13 50	0 1	16 38	5 17	23 17	23 17	20 58	2 33	4 28
T 4	4 11	4n32	4 40	1 36	1 49	11 53	1 5	0 58	0 58	8 12	1 3	9 23	1 10	20 44	0 10	13 50	0 1	16 38	5 17	23 17	23 17	20 57	2 32	4 28
W 5	4 34	9 51	4 6	0 52	1 49	11 37	0 59	1 13	0 58	8 17	1 3	9 20	1 11	20 45	0 10	13 51	0 1	16 38	5 17	23 17	23 17	20 56	2 30	4 28
T 6	4 56	14 32	3 18	0 8	1 49	11 20	0 54	1 28	0 58	8 22	1 3	9 18	1 11	20 45	0 10	13 51	0 1	16 38	5 17	23 17	23 17	20 55	2 29	4 28
F 7	5 19	18 23	2 21	0s38	1 48	11 2	0 49	1 43	0 58	8 26	1 3	9 15	1 11	20 46	0 10	13 51	0 1	16 38	5 17	23 17	23 17	20 54	2 28	4 28
S 8	5 42	21 15	1 19	1 23	1 47	10 45	0 44	1 59	0 57	8 31	1 3	9 13	1 11	20 46	0 10	13 51	0 1	16 37	5 17	23 17	23 17	20 53	2 27	4 27
S 9	6 4	23 2	0 15	2 9	1 45	10 27	0 39	2 14	0 57	8 36	1 3	9 10	1 11	20 47	0 10	13 52	0 1	16 37	5 17	23 17	23 17	20 52	2 26	4 27
M10	6 26	23 42	0n49	2 55	1 42	10 8	0 34	2 29	0 57	8 40	1 3	9 8	1 11	20 47	0 10	13 52	0 1	16 37	5 17	23 17	23 17	20 51	2 24	4 27
T 11	6 49	23 16	1 50	3 41	1 39	9 49	0 29	2 44	0 56	8 45	1 3	9 6	1 11	20 48	0 10	13 52	0 1	16 37	5 17	23 17	23 17	20 50	2 23	4 27
W12	7 11	21 47	2 46	4 27	1 35	9 30	0 25	3 0	0 56	8 50	1 3	9 3	1 12	20 48	0 10	13 52	0 1	16 37	5 17	23 17	23 17	20 49	2 22	4 27
T 13	7 33	19 22	3 35	5 13	1 31	9 11	0 20	3 15	0 56	8 54	1 3	9 1	1 12	20 49	0 10	13 53	0 1	16 37	5 17	23 17	23 17	20 47	2 21	4 27
F 14	7 55	16 6	4 14	5 59	1 26	8 51	0 15	3 30	0 56	8 59	1 3	8 59	1 12	20 49	0 10	13 53	0 1	16 37	5 18	23 17	23 17	20 46	2 20	4 26
S 15	8 17	12 9	4 43	6 44	1 21	8 31	0 11	3 45	0 55	9 4	1 3	8 57	1 12	20 50	0 10	13 53	0 1	16 37	5 18	23 17	23 17	20 45	2 19	4 26
S 16	8 39	7 38	4 59	7 29	1 16	8 10	0 6	4 0	0 55	9 8	1 3	8 54	1 12	20 50	0 10	13 53	0 1	16 37	5 18	23 17	23 17	20 44	2 17	4 26
M17	9 1	2 43	5 1	8 13	1 11	7 49	0 2	4 15	0 55	9 13	1 3	8 52	1 12	20 51	0 10	13 54	0 1	16 37	5 18	23 17	23 17	20 43	2 16	4 26
T 18	9 22	2s24	4 49	8 57	1 5	7 28	0n 3	4 30	0 54	9 18	1 3	8 50	1 12	20 52	0 10	13 54	0 1	16 37	5 18	23 17	23 17	20 42	2 15	4 26
W19	9 44	7 32	4 21	9 40	0 59	7 7	0 7	4 46	0 54	9 22	1 3	8 48	1 13	20 52	0 10	13 54	0 1	16 36	5 18	23 17	23 17	20 41	2 14	4 25
T 20	10 5	12 25	3 39	10 23	0 53	6 45	0 11	5 1	0 54	9 27	1 3	8 45	1 13	20 53	0 10	13 54	0 1	16 36	5 18	23 17	23 17	20 39	2 13	4 25
F 21	10 26	16 47	2 44	11 5	0 46	6 23	0 16	5 16	0 54	9 32	1 3	8 43	1 13	20 53	0 10	13 54	0 1	16 36	5 18	23 17	23 17	20 38	2 12	4 25
S 22	10 47	20 19	1 39	11 46	0 40	6 1	0 20	5 30	0 53	9 36	1 3	8 41	1 13	20 54	0 10	13 54	0 1	16 36	5 18	23 17	23 17	20 37	2 11	4 25
S 23	11 8	22 44	0 27	12 26	0 33	5 38	0 24	5 45	0 53	9 41	1 3	8 39	1 13	20 54	0 10	13 55	0 0	16 36	5 18	23 17	23 17	20 36	2 10	4 25
M24	11 29	23 48	0s47	13 6	0 26	5 16	0 28	6 0	0 53	9 45	1 3	8 37	1 13	20 55	0 10	13 55	0 0	16 36	5 18	23 17	23 17	20 35	2 9	4 24
T 25	11 49	23 22	1 59	13 45	0 20	4 53	0 32	6 15	0 52	9 50	1 3	8 35	1 14	20 56	0 10	13 55	0 0	16 36	5 18	23 17	23 17	20 34	2 8	4 24
W26	12 10	21 28	3 5	14 23	0 13	4 29	0 35	6 30	0 52	9 55	1 3	8 33	1 14	20 56	0 10	13 55	0 0	16 36	5 18	23 17	23 17	20 32	2 7	4 24
T 27	12 30	18 13	3 59	15 0	0 6	4 6	0 39	6 45	0 52	9 59	1 3	8 31	1 14	20 57	0 10	13 55	0 0	16 36	5 18	23 17	23 17	20 31	2 5	4 24
F 28	12 50	13 53	4 39	15 37	0s 1	3 42	0 43	6 59	0 51	10 4	1 3	8 29	1 14	20 57	0 10	13 55	0 0	16 36	5 18	23 17	23 17	20 30	2 4	4 23
S 29	13 9	8 48	5 1	16 12	0 8	3 19	0 46	7 14	0 51	10 8	1 3	8 27	1 14	20 58	0 10	13 55	0 0	16 36	5 19	23 17	23 17	20 29	2 3	4 23
S 30	13 29	3 15	5 5	16 47	0 15	2 55	0 50	7 29	0 51	10 13	1 3	8 25	1 14	20 58	0 10	13 55	0 0	16 36	5 19	23 17	23 17	20 27	2 2	4 23
M31	13s48	2n24	4s50	17s21	0s22	2n30	0n53	7s43	0n50	10s17	1n 3	8n23	1n15	20s59	0n10	13s55	0n 0	16n36	5s19	23n17	23n17	20n26	2n 1	4n23

Julian Day Number = 2873672.5, Delta T = 01h13m03s
Ecliptic obliquity = 23°17'23, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°55'30, Lahiri = 40°02'31

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ASTRODIENST EPHEMERIS for the year 3155
geocentric

NOVEMBER 3155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 39 49	8♏ 6'39	1♉31	19♏15	26♍53	22♎36	29♎49	11♍31	5♐55	22°R30	19°R41	29°R 8	0♋26	11♌47	24°R55	T 1
W 2	2 43 46	9° 5'59	15° 6	20°49	28° 3	23°14	0♏ 2	11°36	5°59	22♒29	19♋41	29♊ 0	0°23	11°54	24♓53	W 2
T 3	2 47 42	10° 5'21	28°22	22°22	29°12	23°53	0°15	11°42	6° 2	22°29	19°41	28°55	0°20	12° 1	24°51	T 3
F 4	2 51 39	11° 4'46	11♊17	23°55	0♎22	24°31	0°28	11°47	6° 5	22°D29	19°41	28°51	0°17	12° 7	24°49	F 4
S 5	2 55 35	12° 4'12	23°52	25°28	1°32	25°10	0°41	11°52	6° 9	22°29	19°40	28°D49	0°13	12°14	24°48	S 5
S 6	2 59 32	13° 3'41	6♋11	26°59	2°43	25°49	0°54	11°57	6°12	22°29	19°40	28°49	0°10	12°21	24°46	S 6
M 7	3 3 28	14° 3'11	18°15	28°30	3°53	26°27	1° 7	12° 2	6°16	22°29	19°39	28°51	0° 7	12°27	24°44	M 7
T 8	3 7 25	15° 2'44	0♌10	0♐ 0	5° 3	27° 6	1°19	12° 7	6°20	22°30	19°39	28°52	0° 4	12°34	24°43	T 8
W 9	3 11 22	16° 2'19	12° 0	1°30	6°14	27°44	1°32	12°11	6°23	22°30	19°39	28°R53	0° 1	12°41	24°41	W 9
T 10	3 15 18	17° 1'57	23°51	2°59	7°25	28°23	1°45	12°16	6°27	22°30	19°38	28°53	29♊57	12°47	24°40	T 10
F 11	3 19 15	18° 1'36	5♍48	4°28	8°36	29° 2	1°58	12°21	6°30	22°30	19°38	28°51	29°54	12°54	24°38	F 11
S 12	3 23 11	19° 1'18	17°55	5°55	9°47	29°40	2°10	12°25	6°34	22°30	19°37	28°47	29°51	13° 1	24°37	S 12
S 13	3 27 8	20° 1'01	0♎16	7°23	10°58	0♏19	2°23	12°30	6°38	22°31	19°37	28°42	29°48	13° 7	24°36	S 13
M14	3 31 4	21° 0'47	12°55	8°49	12° 9	0°58	2°36	12°34	6°41	22°31	19°36	28°36	29°45	13°14	24°35	M14
T 15	3 35 1	22° 0'35	25°54	10°15	13°20	1°36	2°48	12°38	6°45	22°31	19°36	28°30	29°42	13°21	24°33	T 15
W16	3 38 57	23° 0'25	9♏12	11°40	14°32	2°15	3° 1	12°42	6°48	22°32	19°35	28°24	29°38	13°27	24°32	W16
T 17	3 42 54	24° 0'17	22°48	13° 4	15°43	2°54	3°13	12°46	6°52	22°32	19°35	28°19	29°35	13°34	24°31	T 17
F 18	3 46 51	25° 0'11	6♐40	14°28	16°55	3°33	3°26	12°50	6°56	22°33	19°34	28°15	29°32	13°41	24°30	F 18
S 19	3 50 47	26° 0'07	20°44	15°50	18° 7	4°11	3°38	12°54	7° 0	22°33	19°33	28°14	29°29	13°47	24°29	S 19
S 20	3 54 44	27° 0'05	4♑55	17°12	19°18	4°50	3°51	12°58	7° 3	22°34	19°33	28°D13	29°26	13°54	24°28	S 20
M21	3 58 40	28° 0'04	19°12	18°33	20°30	5°29	4° 3	13° 2	7° 7	22°34	19°32	28°15	29°23	14° 1	24°27	M21
T 22	4 2 37	29° 0'05	3♒28	19°53	21°42	6° 8	4°16	13° 6	7°11	22°35	19°31	28°16	29°19	14° 7	24°27	T 22
W23	4 6 33	0♐ 0'07	17°43	21°11	22°54	6°47	4°28	13° 9	7°14	22°35	19°31	28°17	29°16	14°14	24°26	W23
T 24	4 10 30	1° 0'11	1♓53	22°29	24° 7	7°25	4°40	13°13	7°18	22°36	19°30	28°R18	29°13	14°21	24°25	T 24
F 25	4 14 27	2° 0'16	15°58	23°44	25°19	8° 4	4°52	13°16	7°22	22°37	19°29	28°17	29°10	14°28	24°25	F 25
S 26	4 18 23	3° 0'23	29°54	24°59	26°31	8°43	5° 5	13°19	7°26	22°37	19°28	28°15	29° 7	14°34	24°24	S 26
S 27	4 22 20	4° 0'31	13♈41	26°11	27°44	9°22	5°17	13°22	7°29	22°38	19°28	28°12	29° 3	14°41	24°23	S 27
M28	4 26 16	5° 0'40	27°18	27°22	28°56	10° 1	5°29	13°25	7°33	22°39	19°27	28° 9	29° 0	14°48	24°23	M28
T 29	4 30 13	6° 0'51	10♉42	28°31	0♏ 9	10°40	5°41	13°28	7°37	22°40	19°26	28° 5	28°57	14°54	24°23	T 29
W30	4 34 9	7♐ 1'04	23♉52	29♐37	1♏22	11♏19	5♏53	13♍31	7♐41	22♒41	19♋25	28♊ 2	28♊54	15♌ 1	24♓22	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s 7	7n52	4s19	17s54	0s29	2n 6	0n57	7s58	0n50	10s22	1n 3	8n21	1n15	21s 0	0n10	13s55	0n 0	16n36	5s19	23n17	23n17	20n25	2n 1	4n22
W 2	14 26	12 52	3 33	18 25	0 36	1 41	1 0	8 12	0 50	10 26	1 3	8 19	1 15	21 0	0 10	13 55	0 0	16 36	5 19	23 17	23 17	20 24	2 0	4 22
T 3	14 45	17 7	2 37	18 56	0 43	1 17	1 3	8 27	0 49	10 31	1 3	8 18	1 15	21 1	0 10	13 55	0 0	16 36	5 19	23 17	23 17	20 22	1 59	4 22
F 4	15 4	20 27	1 33	19 26	0 50	0 52	1 6	8 41	0 49	10 35	1 3	8 16	1 15	21 1	0 10	13 56	0 0	16 36	5 19	23 17	23 17	20 21	1 58	4 22
S 5	15 22	22 42	0 27	19 55	0 56	0 27	1 9	8 55	0 49	10 40	1 3	8 14	1 16	21 2	0 10	13 56	0 0	16 36	5 19	23 17	23 17	20 20	1 57	4 21
S 6	15 40	23 49	0n40	20 23	1 3	0 2	1 12	9 10	0 48	10 44	1 3	8 12	1 16	21 3	0 10	13 56	0 0	16 36	5 19	23 17	23 17	20 19	1 56	4 21
M 7	15 57	23 46	1 43	20 50	1 10	0s23	1 15	9 24	0 48	10 48	1 3	8 11	1 16	21 3	0 10	13 55	0 0	16 36	5 19	23 17	23 17	20 17	1 55	4 21
T 8	16 15	22 37	2 42	21 16	1 16	0 49	1 17	9 38	0 48	10 53	1 3	8 9	1 16	21 4	0 10	13 55	0 0	16 36	5 19	23 17	23 17	20 16	1 54	4 20
W 9	16 32	20 29	3 33	21 41	1 23	1 14	1 20	9 52	0 47	10 57	1 3	8 7	1 16	21 5	0 10	13 55	0 0	16 36	5 19	23 17	23 17	20 15	1 53	4 20
T 10	16 49	17 29	4 15	22 5	1 29	1 40	1 22	10 6	0 47	11 1	1 3	8 6	1 17	21 5	0 10	13 55	0 0	16 36	5 19	23 17	23 17	20 14	1 53	4 20
F 11	17 6	13 45	4 46	22 27	1 35	2 5	1 25	10 20	0 47	11 6	1 3	8 4	1 17	21 6	0 10	13 55	0 0	16 36	5 19	23 17	23 17	20 12	1 52	4 20
S 12	17 22	9 26	5 5	22 49	1 41	2 31	1 27	10 34	0 46	11 10	1 3	8 3	1 17	21 6	0 10	13 55	0 0	16 36	5 19	23 17	23 17	20 11	1 51	4 19
S 13	17 38	4 38	5 10	23 9	1 47	2 56	1 29	10 48	0 46	11 14	1 3	8 1	1 17	21 7	0 10	13 55	0 0	16 36	5 19	23 17	23 17	20 10	1 50	4 19
M14	17 54	0s27	5 1	23 29	1 52	3 22	1 31	11 1	0 46	11 19	1 3	8 0	1 17	21 8	0 10	13 55	0 0	16 36	5 20	23 17	23 17	20 8	1 49	4 19
T 15	18 9	5 39	4 36	23 47	1 58	3 48	1 33	11 15	0 45	11 23	1 3	7 58	1 18	21 8	0 10	13 55	0 0	16 36	5 20	23 17	23 17	20 7	1 49	4 19
W16	18 25	10 44	3 56	24 4	2 3	4 13	1 35	11 29	0 45	11 27	1 3	7 57	1 18	21 9	0 10	13 55	0 0	16 36	5 20	23 17	23 17	20 6	1 48	4 18
T 17	18 39	15 26	3 1	24 20	2 8	4 39	1 37	11 42	0 44	11 31	1 3	7 56	1 18	21 10	0 10	13 55	0 0	16 36	5 20	23 17	23 17	20 4	1 47	4 18
F 18	18 54	19 24	1 55	24 35	2 12	5 5	1 39	11 56	0 44	11 35	1 3	7 54	1 18	21 10	0 10	13 55	0 0	16 36	5 20	23 17	23 17	20 3	1 47	4 18
S 19	19 8	22 17	0 41	24 49	2 17	5 30	1 41	12 9	0 44	11 40	1 3	7 53	1 18	21 11	0 10	13 54	0 0	16 36	5 20	23 17	23 17	20 2	1 46	4 17
S 20	19 22	23 49	0s37	25 1	2 21	5 56	1 42	12 22	0 43	11 44	1 3	7 52	1 19	21 11	0 10	13 54	0 0	16 36	5 20	23 17	23 17	20 0	1 45	4 17
M21	19 35	23 47	1 52	25 12	2 25	6 22	1 44	12 36	0 43	11 48	1 3	7 50	1 19	21 12	0 10	13 54	0 0	16 36	5 20	23 17	23 17	19 59	1 45	4 17
T 22	19 49	22 12	3 1	25 22	2 28	6 47	1 45	12 49	0 42	11 52	1 3	7 49	1 19	21 13	0 10	13 54	0 0	16 36	5 20	23 17	23 17	19 58	1 44	4 16
W23	20 1	19 13	3 59	25 31	2 32	7 12	1 46	13 2	0 42	11 56	1 3	7 48	1 19	21 13	0 10	13 54	0 0	16 36	5 20	23 17	23 17	19 56	1 44	4 16
T 24	20 14	15 7	4 41	25 39	2 34	7 38	1 47	13 15	0 42	12 0	1 4	7 47	1 19	21 14	0 10	13 54	0 0	16 36	5 20	23 17	23 17	19 55	1 43	4 16
F 25	20 26	10 13	5 7	25 45	2 37	8 3	1 49	13 28	0 41	12 4	1 4	7 46	1 20	21 15	0 10	13 53	0 0	16 36	5 20	23 17	23 17	19 54	1 42	4 16
S 26	20 38	4 51	5 14	25 50	2 39	8 28	1 49	13 40	0 41	12 8	1 4	7 45	1 20	21 15	0 10	13 53	0 0	16 36	5 20	23 17	23 17	19 52	1 42	4 15
S 27	20 49	0n43	5 3	25 54	2 40	8 53	1 50	13 53	0 40	12 12	1 4	7 44	1 20	21 16	0 10	13 53	0 0	16 36	5 20	23 17	23 17	19 51	1 41	4 15
M28	21 0	6 10	4 35	25 57	2 41	9 18	1 51	14 6	0 40	12 16	1 4	7 43	1 20	21 16	0 10	13 53	0 0	16 36	5 20	23 17	23 17	19 50	1 41	4 15
T 29	21 11	11 16	3 52	25 58	2 41	9 42	1 52	14 18	0 40	12 20	1 4	7 42	1 21	21 17	0 10	13 52	0 0	16 36	5 20	23 17	23 17	19 48	1 41	4 14
W30	21s21	15n46	2s57	25s59	2s41	10s 7	1n52	14s30	0n39	12s24	1n 4	7n41	1n21	21s18	0n10	13s52	0n 0	16n37	5s20	23n17	23n17	19n47	1n40	4n14

Julian Day Number = 2873703.5, Delta T = 01h13m04s
Ecliptic obliquity = 23°17'23, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°55'35, Lahiri = 40°02'35

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ASTRODIENST EPHEMERIS for the year 3155
geocentric

DECEMBER 3155 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 38 6	8♐ 1'18	6♊47	0♑40	2♏34	11♏58	6♏ 5	13♍34	7♐44	22♒41	19°R24	28°R 0	28♊51	15♌ 8	24°R22	T 1
F 2	4 42 2	9° 1'34	19°28	1°41	3°47	12°37	6°17	13°36	7°48	22°42	19♋23	27♊59	28°48	15°14	24♓22	F 2
S 3	4 45 59	10° 1'52	1♋54	2°38	5° 0	13°16	6°28	13°39	7°52	22°43	19°23	27°D59	28°44	15°21	24°22	S 3
S 4	4 49 56	11° 2'12	14° 6	3°31	6°13	13°55	6°40	13°41	7°56	22°44	19°22	27°59	28°41	15°28	24°21	S 4
M 5	4 53 52	12° 2'33	26° 8	4°19	7°26	14°33	6°52	13°44	7°59	22°45	19°21	28° 0	28°38	15°34	24°D21	M 5
T 6	4 57 49	13° 2'56	8♌ 3	5° 3	8°39	15°13	7° 4	13°46	8° 3	22°46	19°20	28° 2	28°35	15°41	24°21	T 6
W 7	5 1 45	14° 3'21	19°53	5°41	9°53	15°52	7°15	13°48	8° 7	22°47	19°19	28° 3	28°32	15°48	24°21	W 7
T 8	5 5 42	15° 3'47	1♍44	6°13	11° 6	16°31	7°27	13°50	8°11	22°49	19°18	28° 4	28°29	15°54	24°22	T 8
F 9	5 9 38	16° 4'15	13°39	6°39	12°19	17°10	7°38	13°52	8°14	22°50	19°17	28°R 5	28°25	16° 1	24°22	F 9
S 10	5 13 35	17° 4'45	25°45	6°56	13°33	17°49	7°50	13°54	8°18	22°51	19°16	28° 5	28°22	16° 8	24°22	S 10
S 11	5 17 31	18° 5'17	8♎ 5	7°R 5	14°46	18°28	8° 1	13°55	8°22	22°52	19°15	28° 4	28°19	16°14	24°22	S 11
M12	5 21 28	19° 5'50	20°43	7° 5	16° 0	19° 7	8°12	13°57	8°25	22°53	19°14	28° 3	28°16	16°21	24°23	M12
T 13	5 25 25	20° 6'25	3♏44	6°55	17°13	19°46	8°23	13°59	8°29	22°54	19°13	28° 2	28°13	16°28	24°23	T 13
W14	5 29 21	21° 7'02	17° 8	6°35	18°27	20°25	8°35	14° 0	8°33	22°56	19°12	28° 1	28° 9	16°35	24°23	W14
T 15	5 33 18	22° 7'40	0♐56	6° 3	19°41	21° 4	8°46	14° 1	8°36	22°57	19°11	28° 0	28° 6	16°41	24°24	T 15
F 16	5 37 14	23° 8'20	15° 5	5°21	20°54	21°44	8°57	14° 2	8°40	22°58	19°10	28° 0	28° 3	16°48	24°25	F 16
S 17	5 41 11	24° 9'01	29°33	4°29	22° 8	22°23	9° 7	14° 3	8°44	23° 0	19° 9	28°D 0	28° 0	16°55	24°25	S 17
S 18	5 45 7	25° 9'44	14♑12	3°26	23°22	23° 2	9°18	14° 4	8°47	23° 1	19° 8	28° 0	27°57	17° 1	24°26	S 18
M19	5 49 4	26°10'27	28°57	2°16	24°36	23°41	9°29	14° 5	8°51	23° 3	19° 7	28° 0	27°54	17° 8	24°27	M19
T 20	5 53 0	27°11'12	13♒41	0°59	25°50	24°20	9°40	14° 6	8°55	23° 4	19° 6	28° 0	27°50	17°15	24°28	T 20
W21	5 56 57	28°11'57	28°16	29♐37	27° 4	25° 0	9°50	14° 6	8°58	23° 5	19° 4	28°R 0	27°47	17°21	24°28	W21
T 22	6 0 54	29°12'44	12♓39	28°14	28°18	25°39	10° 1	14° 7	9° 2	23° 7	19° 3	28° 0	27°44	17°28	24°29	T 22
F 23	6 4 50	0♑13'31	26°46	26°53	29°32	26°18	10°11	14° 7	9° 5	23° 9	19° 2	28°D 0	27°41	17°35	24°30	F 23
S 24	6 8 47	1°14'19	10♈36	25°35	0♐46	26°57	10°21	14° 7	9° 9	23°10	19° 1	28° 0	27°38	17°41	24°31	S 24
S 25	6 12 43	2°15'07	24° 8	24°24	2° 0	27°37	10°32	14° 8	9°13	23°12	19° 0	28° 0	27°35	17°48	24°32	S 25
M26	6 16 40	3°15'57	7♉24	23°22	3°14	28°16	10°42	14°R 8	9°16	23°13	18°59	28° 1	27°31	17°55	24°34	M26
T 27	6 20 36	4°16'47	20°25	22°29	4°28	28°55	10°52	14° 7	9°20	23°15	18°58	28° 1	27°28	18° 2	24°35	T 27
W28	6 24 33	5°17'38	3♊11	21°48	5°43	29°35	11° 2	14° 7	9°23	23°17	18°56	28° 2	27°25	18° 8	24°36	W28
T 29	6 28 29	6°18'30	15°45	21°17	6°57	0♐14	11°12	14° 7	9°27	23°18	18°55	28° 3	27°22	18°15	24°37	T 29
F 30	6 32 26	7°19'23	28° 8	20°58	8°11	0°53	11°21	14° 7	9°30	23°20	18°54	28°R 3	27°19	18°22	24°39	F 30
S 31	6 36 23	8♑20'17	10♋21	20°D50	9♐26	1♐33	11♏31	14♍ 6	9♐33	23♒22	18♋53	28♊ 3	27♊15	18♌28	24♓40	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s31	19n26	1 s54	25 s58	2 s40	10 s31	1n53	14 s43	0n39	12 s27	1n 4	7n40	1n21	21 s18	0n10	13 s52	0n 0	16n37	5 s20	23n16	23n17	19n45	1n40	4n14
F 2	21 40	22 6	0 47	25 55	2 39	10 55	1 53	14 55	0 38	12 31	1 4	7 39	1 21	21 19	0 10	13 52	0 0	16 37	5 20	23 16	23 17	19 44	1 39	4 13
S 3	21 49	23 38	0n22	25 52	2 36	11 19	1 54	15 7	0 38	12 35	1 4	7 39	1 21	21 19	0 10	13 51	0 0	16 37	5 20	23 16	23 17	19 43	1 39	4 13
S 4	21 57	24 0	1 28	25 48	2 33	11 43	1 54	15 19	0 38	12 39	1 4	7 38	1 22	21 20	0 10	13 51	0 0	16 37	5 20	23 16	23 17	19 41	1 39	4 13
M 5	22 6	23 14	2 30	25 42	2 29	12 6	1 54	15 31	0 37	12 42	1 4	7 37	1 22	21 21	0 10	13 51	0 0	16 37	5 20	23 16	23 17	19 40	1 38	4 12
T 6	22 13	21 26	3 24	25 36	2 24	12 30	1 54	15 43	0 37	12 46	1 4	7 37	1 22	21 21	0 10	13 50	0 0	16 37	5 20	23 17	23 17	19 38	1 38	4 12
W 7	22 21	18 42	4 9	25 28	2 18	12 53	1 54	15 54	0 36	12 50	1 5	7 36	1 22	21 22	0 10	13 50	0 0	16 37	5 20	23 17	23 17	19 37	1 38	4 12
T 8	22 28	15 13	4 44	25 19	2 11	13 15	1 54	16 6	0 36	12 53	1 5	7 35	1 23	21 22	0 10	13 50	0 0	16 37	5 20	23 17	23 17	19 35	1 38	4 11
F 9	22 34	11 7	5 7	25 9	2 2	13 38	1 54	16 17	0 35	12 57	1 5	7 35	1 23	21 23	0 10	13 49	0 0	16 37	5 20	23 17	23 17	19 34	1 37	4 11
S 10	22 40	6 32	5 17	24 59	1 52	14 0	1 54	16 29	0 35	13 1	1 5	7 34	1 23	21 24	0 10	13 49	0 s 0	16 38	5 20	23 17	23 17	19 33	1 37	4 11
S 11	22 46	1 36	5 12	24 47	1 41	14 22	1 53	16 40	0 34	13 4	1 5	7 34	1 23	21 24	0 10	13 49	0 0	16 38	5 21	23 17	23 17	19 31	1 37	4 11
M12	22 51	3 s31	4 53	24 34	1 29	14 43	1 53	16 51	0 34	13 8	1 5	7 34	1 23	21 25	0 10	13 48	0 0	16 38	5 21	23 17	23 17	19 30	1 37	4 10
T 13	22 55	8 38	4 18	24 21	1 14	15 4	1 52	17 2	0 33	13 11	1 5	7 33	1 24	21 25	0 10	13 48	0 0	16 38	5 21	23 17	23 17	19 28	1 37	4 10
W14	23 0	13 31	3 28	24 7	0 59	15 25	1 52	17 13	0 33	13 15	1 5	7 33	1 24	21 26	0 10	13 47	0 0	16 38	5 21	23 16	23 17	19 27	1 37	4 10
T 15	23 3	17 51	2 25	23 51	0 42	15 46	1 51	17 23	0 33	13 18	1 5	7 33	1 24	21 27	0 10	13 47	0 0	16 38	5 21	23 16	23 17	19 25	1 37	4 9
F 16	23 7	21 17	1 11	23 35	0 24	16 6	1 50	17 34	0 32	13 21	1 5	7 33	1 24	21 27	0 10	13 47	0 0	16 38	5 21	23 16	23 17	19 24	1 36	4 9
S 17	23 10	23 26	0 s 9	23 18	0 5	16 25	1 49	17 44	0 32	13 25	1 6	7 32	1 25	21 28	0 10	13 46	0 0	16 38	5 21	23 16	23 16	19 22	1 36	4 9
S 18	23 12	24 1	1 29	23 0	0n15	16 45	1 48	17 55	0 31	13 28	1 6	7 32	1 25	21 28	0 10	13 46	0 0	16 39	5 21	23 16	23 16	19 21	1 36	4 8
M19	23 14	22 55	2 44	22 41	0 35	17 4	1 47	18 5	0 31	13 31	1 6	7 32	1 25	21 29	0 10	13 45	0 0	16 39	5 21	23 16	23 16	19 19	1 36	4 8
T 20	23 16	20 15	3 47	22 22	0 55	17 22	1 46	18 15	0 30	13 34	1 6	7 32	1 25	21 29	0 10	13 45	0 0	16 39	5 21	23 16	23 16	19 18	1 36	4 8
W21	23 17	16 19	4 36	22 2	1 15	17 40	1 45	18 25	0 30	13 38	1 6	7 32	1 26	21 30	0 10	13 44	0 0	16 39	5 21	23 16	23 16	19 16	1 37	4 7
T 22	23 17	11 29	5 6	21 43	1 34	17 58	1 44	18 35	0 29	13 41	1 6	7 32	1 26	21 31	0 10	13 44	0 0	16 39	5 21	23 16	23 16	19 15	1 37	4 7
F 23	23 17	6 8	5 17	21 25	1 51	18 15	1 43	18 44	0 29	13 44	1 6	7 32	1 26	21 31	0 10	13 43	0 0	16 39	5 21	23 16	23 16	19 13	1 37	4 7
S 24	23 17	0 35	5 10	21 7	2 6	18 32	1 41	18 54	0 28	13 47	1 6	7 32	1 26	21 32	0 10	13 43	0 0	16 40	5 21	23 16	23 16	19 12	1 37	4 7
S 25	23 16	4n53	4 45	20 51	2 19	18 48	1 40	19 3	0 28	13 50	1 6	7 32	1 27	21 32	0 10	13 42	0 0	16 40	5 20	23 16	23 16	19 10	1 37	4 6
M26	23 15	10 1	4 6	20 38	2 30	19 4	1 38	19 13	0 27	13 53	1 7	7 33	1 27	21 33	0 10	13 42	0 0	16 40	5 20	23 16	23 16	19 9	1 37	4 6
T 27	23 13	14 37	3 14	20 27	2 38	19 19	1 37	19 22	0 27	13 56	1 7	7 33	1 27	21 33	0 10	13 41	0 0	16 40	5 20	23 17	23 16	19 7	1 37	4 6
W28	23 11	18 29	2 14	20 18	2 44	19 34	1 35	19 31	0 26	13 59	1 7	7 33	1 27	21 34	0 10	13 41	0 0	16 40	5 20	23 17	23 16	19 6	1 38	4 5
T 29	23 8	21 25	1 8	20 12	2 48	19 48	1 34	19 39	0 26	14 2	1 7	7 34	1 27	21 34	0 10	13 40	0 0	16 40	5 20	23 17	23 16	19 4	1 38	4 5
F 30	23 5	23 17	0n 0	20 9	2 50	20 1	1 32	19 48	0 25	14 5	1 7	7 34	1 28	21 35	0 10	13 40	0 0	16 41	5 20	23 17	23 16	19 2	1 38	4 5
S 31	23 s 2	24n 1	1n 8	20 s 8	2n50	20 s14	1n30	19 s57	0n24	14 s 8	1n 7	7n34	1n28	21 s35	0n10	13 s39	0 s 0	16n41	5 s20	23n17	23n16	19n 1	1n38	4n 4

Julian Day Number = 2873733.5, Delta T = 01h13m04s
Ecliptic obliquity = 23°17'23, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°55'39, Lahiri = 40°02'39

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ASTRODIENST EPHEMERIS for the year 3156
geocentric

JANUARY 3156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 40 19	9♑21'11	22♋25	20♐52	10♐40	2♐12	11♏40	14°R 5	9♐37	23♒23	18°R52	28°R 2	27♊12	18♌35	24♓42	S 1
M 2	6 44 16	10°22'07	4♌22	21° 4	11°54	2°52	11°50	14♏ 5	9°40	23°25	18♋51	28♊ 0	27° 9	18°42	24°43	M 2
T 3	6 48 12	11°23'03	16°15	21°25	13° 9	3°31	11°59	14° 4	9°43	23°27	18°49	27°58	27° 6	18°48	24°45	T 3
W 4	6 52 9	12°24'00	28° 5	21°54	14°23	4°11	12° 8	14° 3	9°47	23°29	18°48	27°56	27° 3	18°55	24°47	W 4
T 5	6 56 5	13°24'58	9♍56	22°29	15°38	4°50	12°18	14° 2	9°50	23°31	18°47	27°54	27° 0	19° 2	24°48	T 5
F 6	7 0 2	14°25'57	21°51	23°12	16°52	5°30	12°27	14° 0	9°53	23°32	18°46	27°52	26°56	19° 8	24°50	F 6
S 7	7 3 59	15°26'56	3♎54	23°59	18° 7	6° 9	12°35	13°59	9°57	23°34	18°45	27°50	26°53	19°15	24°52	S 7
S 8	7 7 55	16°27'57	16°10	24°52	19°22	6°49	12°44	13°58	10° 0	23°36	18°43	27°D50	26°50	19°22	24°54	S 8
M 9	7 11 52	17°28'58	28°42	25°50	20°36	7°28	12°53	13°56	10° 3	23°38	18°42	27°50	26°47	19°29	24°56	M 9
T 10	7 15 48	18°30'01	11♏37	26°51	21°51	8° 8	13° 1	13°55	10° 6	23°40	18°41	27°51	26°44	19°35	24°58	T 10
W11	7 19 45	19°31'04	24°56	27°56	23° 6	8°47	13°10	13°53	10° 9	23°42	18°40	27°53	26°41	19°42	25° 0	W11
T 12	7 23 41	20°32'08	8♐41	29° 3	24°20	9°27	13°18	13°51	10°12	23°44	18°39	27°54	26°37	19°49	25° 2	T 12
F 13	7 27 38	21°33'12	22°54	0♑13	25°35	10° 7	13°26	13°49	10°15	23°46	18°37	27°R55	26°34	19°55	25° 4	F 13
S 14	7 31 34	22°34'18	7♑32	1°26	26°50	10°46	13°34	13°47	10°18	23°48	18°36	27°55	26°31	20° 2	25° 6	S 14
S 15	7 35 31	23°35'23	22°29	2°41	28° 5	11°26	13°42	13°45	10°21	23°50	18°35	27°54	26°28	20° 9	25° 8	S 15
M16	7 39 28	24°36'29	7♒36	3°57	29°19	12° 6	13°50	13°43	10°24	23°52	18°34	27°51	26°25	20°15	25°10	M16
T 17	7 43 24	25°37'35	22°45	5°15	0♑34	12°45	13°58	13°40	10°27	23°54	18°33	27°47	26°21	20°22	25°13	T 17
W18	7 47 21	26°38'41	7♓46	6°35	1°49	13°25	14° 5	13°38	10°30	23°56	18°31	27°43	26°18	20°29	25°15	W18
T 19	7 51 17	27°39'48	22°30	7°55	3° 4	14° 5	14°12	13°35	10°33	23°58	18°30	27°39	26°15	20°36	25°17	T 19
F 20	7 55 14	28°40'54	6♈51	9°17	4°19	14°44	14°20	13°33	10°36	24° 0	18°29	27°36	26°12	20°42	25°20	F 20
S 21	7 59 10	29°41'59	20°47	10°40	5°33	15°24	14°27	13°30	10°39	24° 2	18°28	27°34	26° 9	20°49	25°22	S 21
S 22	8 3 7	0♒43'05	4♉19	12° 4	6°48	16° 4	14°34	13°27	10°41	24° 5	18°27	27°D34	26° 6	20°56	25°25	S 22
M23	8 7 3	1°44'11	17°27	13°29	8° 3	16°44	14°41	13°24	10°44	24° 7	18°26	27°34	26° 2	21° 2	25°27	M23
T 24	8 11 0	2°45'16	0♊14	14°54	9°18	17°23	14°47	13°21	10°47	24° 9	18°24	27°36	25°59	21° 9	25°30	T 24
W25	8 14 57	3°46'21	12°45	16°21	10°33	18° 3	14°54	13°18	10°49	24°11	18°23	27°38	25°56	21°16	25°33	W25
T 26	8 18 53	4°47'26	25° 3	17°47	11°48	18°43	15° 0	13°15	10°52	24°13	18°22	27°R39	25°53	21°22	25°35	T 26
F 27	8 22 50	5°48'30	7♋11	19°15	13° 3	19°23	15° 6	13°11	10°55	24°15	18°21	27°38	25°50	21°29	25°38	F 27
S 28	8 26 46	6°49'35	19°12	20°43	14°18	20° 3	15°12	13° 8	10°57	24°17	18°20	27°36	25°47	21°36	25°41	S 28
S 29	8 30 43	7°50'39	1♌ 8	22°12	15°33	20°42	15°18	13° 5	11° 0	24°20	18°19	27°31	25°43	21°43	25°44	S 29
M30	8 34 39	8°51'43	13° 0	23°41	16°48	21°22	15°24	13° 1	11° 2	24°22	18°18	27°25	25°40	21°49	25°47	M30
T 31	8 38 36	9♒52'46	24♌52	25♑11	18♑ 3	22♐ 2	15♏30	12♍57	11♐ 4	24♒24	18♋16	27♊17	25♊37	21♌56	25♓49	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s58	23n36	2n11	20s10	2n49	20s27	1n28	20s 5	0n24	14s10	1n 7	7n35	1n28	21s36	0n 9	13s39	0s 0	16n41	5s20	23n17	23n16	18n59	1n39	4n 4
M 2	22 53	22 5	3 8	20 13	2 46	20 39	1 26	20 13	0 23	14 13	1 8	7 35	1 28	21 36	0 9	13 38	0 0	16 41	5 20	23 16	23 16	18 58	1 39	4 4
T 3	22 48	19 37	3 56	20 19	2 42	20 50	1 24	20 21	0 23	14 16	1 8	7 36	1 29	21 37	0 9	13 37	0 0	16 41	5 20	23 16	23 15	18 56	1 39	4 4
W 4	22 43	16 21	4 34	20 25	2 38	21 1	1 22	20 29	0 22	14 18	1 8	7 36	1 29	21 37	0 9	13 37	0 0	16 41	5 20	23 16	23 15	18 55	1 40	4 3
T 5	22 37	12 26	5 0	20 33	2 32	21 11	1 20	20 37	0 22	14 21	1 8	7 37	1 29	21 38	0 9	13 36	0 0	16 42	5 20	23 16	23 15	18 53	1 40	4 3
F 6	22 31	8 2	5 14	20 42	2 25	21 21	1 18	20 44	0 21	14 24	1 8	7 38	1 29	21 38	0 9	13 36	0 0	16 42	5 20	23 16	23 15	18 51	1 41	4 3
S 7	22 24	3 16	5 14	20 51	2 19	21 30	1 16	20 52	0 21	14 26	1 8	7 38	1 30	21 39	0 9	13 35	0 0	16 42	5 20	23 16	23 15	18 50	1 41	4 2
S 8	22 17	1s42	5 0	21 0	2 11	21 38	1 14	20 59	0 20	14 29	1 8	7 39	1 30	21 39	0 9	13 34	0 0	16 42	5 20	23 16	23 15	18 48	1 42	4 2
M 9	22 9	6 43	4 31	21 10	2 3	21 46	1 12	21 6	0 19	14 31	1 9	7 40	1 30	21 40	0 9	13 34	0 0	16 43	5 20	23 16	23 15	18 47	1 42	4 2
T 10	22 1	11 36	3 48	21 20	1 55	21 53	1 9	21 13	0 19	14 33	1 9	7 41	1 30	21 40	0 9	13 33	0 0	16 43	5 20	23 16	23 15	18 45	1 43	4 2
W11	21 53	16 6	2 52	21 29	1 47	22 0	1 7	21 20	0 18	14 36	1 9	7 42	1 30	21 41	0 9	13 33	0 0	16 43	5 20	23 16	23 15	18 43	1 43	4 1
T 12	21 44	19 54	1 44	21 38	1 39	22 5	1 5	21 26	0 18	14 38	1 9	7 43	1 31	21 41	0 9	13 32	0 0	16 43	5 20	23 16	23 15	18 42	1 44	4 1
F 13	21 35	22 39	0 28	21 47	1 30	22 11	1 2	21 33	0 17	14 40	1 9	7 44	1 31	21 42	0 9	13 31	0 0	16 43	5 20	23 16	23 15	18 40	1 44	4 1
S 14	21 25	23 57	0s53	21 55	1 22	22 15	1 0	21 39	0 16	14 43	1 9	7 45	1 31	21 42	0 9	13 31	0 0	16 44	5 20	23 16	23 15	18 38	1 45	4 0
S 15	21 15	23 35	2 11	22 3	1 13	22 19	0 58	21 45	0 16	14 45	1 10	7 46	1 31	21 42	0 9	13 30	0 0	16 44	5 20	23 16	23 15	18 37	1 45	4 0
M16	21 4	21 29	3 21	22 9	1 4	22 22	0 55	21 51	0 15	14 47	1 10	7 47	1 32	21 43	0 9	13 29	0 0	16 44	5 20	23 16	23 14	18 35	1 46	4 0
T 17	20 53	17 53	4 17	22 15	0 56	22 25	0 53	21 57	0 15	14 49	1 10	7 48	1 32	21 43	0 9	13 29	0 0	16 44	5 20	23 16	23 14	18 33	1 47	4 0
W18	20 42	13 10	4 54	22 20	0 47	22 27	0 50	22 2	0 14	14 51	1 10	7 49	1 32	21 44	0 9	13 28	0 0	16 44	5 19	23 16	23 14	18 32	1 47	3 59
T 19	20 30	7 44	5 12	22 24	0 39	22 28	0 47	22 7	0 13	14 53	1 10	7 50	1 32	21 44	0 9	13 27	0 0	16 45	5 19	23 16	23 14	18 30	1 48	3 59
F 20	20 18	2 2	5 9	22 27	0 31	22 28	0 45	22 13	0 13	14 55	1 10	7 51	1 32	21 44	0 9	13 27	0 0	16 45	5 19	23 16	23 14	18 29	1 49	3 59
S 21	20 5	3n37	4 48	22 30	0 22	22 28	0 42	22 18	0 12	14 57	1 11	7 53	1 33	21 45	0 9	13 26	0 0	16 45	5 19	23 16	23 14	18 27	1 50	3 59
S 22	19 52	8 56	4 11	22 31	0 14	22 27	0 40	22 23	0 12	14 59	1 11	7 54	1 33	21 45	0 9	13 25	0 0	16 45	5 19	23 16	23 14	18 25	1 50	3 58
M23	19 39	13 42	3 22	22 30	0 6	22 26	0 37	22 27	0 11	15 1	1 11	7 55	1 33	21 46	0 9	13 25	0 0	16 46	5 19	23 16	23 14	18 23	1 51	3 58
T 24	19 25	17 44	2 24	22 29	0s 1	22 24	0 34	22 32	0 10	15 2	1 11	7 57	1 33	21 46	0 9	13 24	0 0	16 46	5 19	23 16	23 14	18 22	1 52	3 58
W25	19 11	20 51	1 20	22 27	0 9	22 21	0 32	22 36	0 10	15 4	1 11	7 58	1 33	21 46	0 9	13 23	0 0	16 46	5 19	23 16	23 14	18 20	1 53	3 58
T 26	18 57	22 58	0 14	22 23	0 17	22 17	0 29	22 40	0 9	15 6	1 11	7 59	1 34	21 47	0 9	13 22	0 0	16 46	5 19	23 16	23 14	18 18	1 54	3 57
F 27	18 42	23 57	0n52	22 19	0 24	22 13	0 26	22 44	0 8	15 7	1 12	8 1	1 34	21 47	0 9	13 22	0 0	16 47	5 19	23 16	23 13	18 17	1 54	3 57
S 28	18 27	23 49	1 55	22 13	0 31	22 8	0 24	22 48	0 8	15 9	1 12	8 2	1 34	21 47	0 9	13 21	0 1	16 47	5 19	23 16	23 13	18 15	1 55	3 57
S 29	18 12	22 34	2 52	22 6	0 38	22 2	0 21	22 51	0 7	15 11	1 12	8 4	1 34	21 48	0 9	13 20	0 1	16 47	5 19	23 16	23 13	18 13	1 56	3 57
M30	17 56	20 20	3 41	21 58	0 45	21 56	0 18	22 54	0 6	15 12	1 12	8 5	1 34	21 48	0 9	13 20	0 1	16 47	5 18	23 16	23 13	18 12	1 57	3 56
T 31	17s40	17n15	4n20	21s48	0s51	21s49	0n16	22s58	0n 6	15s13	1n12	8n 7	1n35	21s48	0n 9	13s19	0s 1	16n47	5s18	23n16	23n13	18n10	1n58	3n56

Julian Day Number = 2873764.5, Delta T = 01h13m05s
Ecliptic obliquity = 23°17'23, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°55'43, Lahiri = 40°02'43

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ASTRODIENST EPHEMERIS for the year 3156
geocentric

FEBRUARY 3156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 42 32	10♒53'50	6♍43	26♉41	19♉18	22♐42	15♏35	12°R54	11♐ 7	24♒26	18°R15	27°R 8	25♊34	22♌ 3	25♓52	W 1
T 2	8 46 29	11°54'53	18°36	28°12	20°33	23°22	15°41	12♍50	11° 9	24°29	18♋14	26♊59	25°31	22° 9	25°55	T 2
F 3	8 50 26	12°55'56	0♎34	29°44	21°48	24° 2	15°46	12°46	11°11	24°31	18°13	26°51	25°27	22°16	25°58	F 3
S 4	8 54 22	13°56'59	12°39	1♒16	23° 3	24°42	15°51	12°42	11°14	24°33	18°12	26°45	25°24	22°23	26° 1	S 4
S 5	8 58 19	14°58'01	24°53	2°48	24°18	25°22	15°56	12°38	11°16	24°35	18°11	26°40	25°21	22°29	26° 4	S 5
M 6	9 2 15	15°59'04	7♏22	4°21	25°33	26° 2	16° 0	12°34	11°18	24°38	18°10	26°38	25°18	22°36	26° 7	M 6
T 7	9 6 12	17° 0'06	20° 9	5°55	26°48	26°42	16° 5	12°30	11°20	24°40	18° 9	26°D38	25°15	22°43	26°11	T 7
W 8	9 10 8	18° 1'08	3♐18	7°29	28° 3	27°22	16° 9	12°26	11°22	24°42	18° 8	26°39	25°12	22°50	26°14	W 8
T 9	9 14 5	19° 2'10	16°53	9° 3	29°18	28° 2	16°13	12°22	11°24	24°44	18° 7	26°40	25° 8	22°56	26°17	T 9
F 10	9 18 1	20° 3'12	0♑56	10°39	0♒33	28°42	16°17	12°18	11°26	24°47	18° 6	26°R40	25° 5	23° 3	26°20	F 10
S 11	9 21 58	21° 4'13	15°26	12°14	1°48	29°22	16°21	12°13	11°28	24°49	18° 5	26°38	25° 2	23°10	26°23	S 11
S 12	9 25 55	22° 5'14	0♒21	13°51	3° 3	0♑ 2	16°25	12° 9	11°30	24°51	18° 4	26°34	24°59	23°16	26°27	S 12
M13	9 29 51	23° 6'15	15°34	15°28	4°18	0°42	16°28	12° 4	11°31	24°53	18° 3	26°28	24°56	23°23	26°30	M13
T 14	9 33 48	24° 7'14	0♓54	17° 5	5°33	1°22	16°31	12° 0	11°33	24°56	18° 2	26°20	24°53	23°30	26°33	T 14
W15	9 37 44	25° 8'13	16°11	18°44	6°48	2° 2	16°34	11°55	11°35	24°58	18° 1	26°10	24°49	23°36	26°37	W15
T 16	9 41 41	26° 9'11	1♈13	20°22	8° 3	2°42	16°37	11°51	11°36	25° 0	18° 0	26° 1	24°46	23°43	26°40	T 16
F 17	9 45 37	27°10'07	15°51	22° 2	9°18	3°22	16°40	11°46	11°38	25° 3	17°59	25°53	24°43	23°50	26°44	F 17
S 18	9 49 34	28°11'03	0♉ 1	23°42	10°33	4° 3	16°43	11°41	11°39	25° 5	17°58	25°47	24°40	23°57	26°47	S 18
S 19	9 53 30	29°11'57	13°40	25°23	11°48	4°43	16°45	11°37	11°41	25° 7	17°57	25°44	24°37	24° 3	26°50	S 19
M20	9 57 27	0♓12'51	26°52	27° 5	13° 4	5°23	16°47	11°32	11°42	25° 9	17°57	25°D43	24°33	24°10	26°54	M20
T 21	10 1 24	1°13'43	9♊38	28°47	14°19	6° 3	16°49	11°27	11°44	25°12	17°56	25°43	24°30	24°17	26°57	T 21
W22	10 5 20	2°14'34	22° 4	0♈30	15°34	6°43	16°51	11°23	11°45	25°14	17°55	25°R43	24°27	24°23	27° 1	W22
T 23	10 9 17	3°15'23	4♋15	2°13	16°49	7°23	16°53	11°18	11°46	25°16	17°54	25°43	24°24	24°30	27° 5	T 23
F 24	10 13 13	4°16'12	16°15	3°58	18° 4	8° 4	16°54	11°13	11°48	25°18	17°53	25°41	24°21	24°37	27° 8	F 24
S 25	10 17 10	5°16'59	28° 8	5°43	19°19	8°44	16°55	11° 8	11°49	25°21	17°53	25°36	24°18	24°43	27°12	S 25
S 26	10 21 6	6°17'45	9♌59	7°29	20°34	9°24	16°56	11° 3	11°50	25°23	17°52	25°29	24°14	24°50	27°15	S 26
M27	10 25 3	7°18'29	21°49	9°15	21°49	10° 4	16°57	10°58	11°51	25°25	17°51	25°18	24°11	24°57	27°19	M27
T 28	10 28 59	8°19'12	3♍41	11° 3	23° 4	10°44	16°58	10°54	11°52	25°27	17°50	25° 6	24° 8	25° 4	27°23	T 28
W29	10 32 56	9♓19'54	15♍36	12♓51	24♒19	11♉25	16♏59	10♍49	11♐53	25♒30	17♋50	24♊52	24♊ 5	25♌10	27♓26	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s23	13n28	4n49	21s38	0s58	21s42	0n13	23s 1	0n 5	15s15	1n13	8n 8	1n35	21s49	0n 9	13s18	0s 1	16n48	5s18	23n16	23n13	18n 8	1n59	3n56
T 2	17 7	9 9	5 4	21 26	1 4	21 34	0 10	23 3	0 4	15 16	1 13	8 10	1 35	21 49	0 9	13 17	0 1	16 48	5 18	23 15	23 13	18 6	2 0	3 56
F 3	16 50	4 29	5 7	21 13	1 10	21 25	0 8	23 6	0 3	15 17	1 13	8 12	1 35	21 49	0 9	13 17	0 1	16 48	5 18	23 15	23 13	18 5	2 1	3 56
S 4	16 32	0s25	4 56	20 59	1 15	21 15	0 5	23 8	0 3	15 19	1 13	8 13	1 35	21 50	0 9	13 16	0 1	16 48	5 18	23 15	23 13	18 3	2 2	3 55
S 5	16 15	5 22	4 32	20 43	1 21	21 5	0 2	23 11	0 2	15 20	1 13	8 15	1 36	21 50	0 9	13 15	0 1	16 49	5 18	23 15	23 13	18 1	2 3	3 55
M 6	15 57	10 12	3 54	20 26	1 26	20 54	0s 0	23 13	0 1	15 21	1 14	8 17	1 36	21 50	0 9	13 14	0 1	16 49	5 18	23 15	23 12	17 59	2 4	3 55
T 7	15 39	14 43	3 4	20 8	1 31	20 43	0 3	23 14	0 1	15 22	1 14	8 18	1 36	21 51	0 9	13 14	0 1	16 49	5 18	23 15	23 12	17 58	2 5	3 55
W 8	15 20	18 41	2 2	19 49	1 35	20 31	0 5	23 16	0s 0	15 23	1 14	8 20	1 36	21 51	0 9	13 13	0 1	16 49	5 18	23 15	23 12	17 56	2 6	3 55
T 9	15 1	21 47	0 52	19 29	1 40	20 18	0 8	23 17	0 1	15 24	1 14	8 22	1 36	21 51	0 9	13 12	0 1	16 50	5 17	23 15	23 12	17 54	2 7	3 54
F 10	14 42	23 40	0s23	19 7	1 44	20 5	0 11	23 19	0 2	15 25	1 14	8 24	1 36	21 51	0 9	13 12	0 1	16 50	5 17	23 15	23 12	17 52	2 8	3 54
S 11	14 23	24 3	1 39	18 44	1 47	19 51	0 13	23 20	0 2	15 26	1 15	8 25	1 37	21 52	0 9	13 11	0 1	16 50	5 17	23 15	23 12	17 51	2 9	3 54
S 12	14 4	22 43	2 50	18 20	1 51	19 37	0 16	23 21	0 3	15 27	1 15	8 27	1 37	21 52	0 9	13 10	0 1	16 50	5 17	23 15	23 12	17 49	2 10	3 54
M13	13 44	19 45	3 51	17 55	1 54	19 22	0 18	23 21	0 4	15 28	1 15	8 29	1 37	21 52	0 9	13 9	0 1	16 51	5 17	23 15	23 12	17 47	2 12	3 54
T 14	13 24	15 22	4 35	17 28	1 57	19 6	0 21	23 22	0 5	15 28	1 15	8 31	1 37	21 52	0 9	13 9	0 1	16 51	5 17	23 14	23 11	17 45	2 13	3 53
W15	13 4	10 2	5 0	17 1	1 59	18 50	0 23	23 22	0 5	15 29	1 15	8 33	1 37	21 53	0 9	13 8	0 1	16 51	5 17	23 14	23 11	17 43	2 14	3 53
T 16	12 43	4 10	5 3	16 32	2 1	18 33	0 26	23 22	0 6	15 30	1 16	8 35	1 37	21 53	0 9	13 7	0 1	16 51	5 17	23 14	23 11	17 42	2 15	3 53
F 17	12 23	1n47	4 46	16 1	2 3	18 16	0 28	23 22	0 7	15 30	1 16	8 36	1 37	21 53	0 9	13 6	0 1	16 52	5 16	23 14	23 11	17 40	2 16	3 53
S 18	12 2	7 28	4 12	15 30	2 5	17 58	0 30	23 22	0 8	15 31	1 16	8 38	1 38	21 53	0 9	13 6	0 1	16 52	5 16	23 13	23 11	17 38	2 17	3 53
S 19	11 41	12 35	3 25	14 57	2 6	17 40	0 33	23 21	0 9	15 31	1 16	8 40	1 38	21 54	0 9	13 5	0 1	16 52	5 16	23 13	23 11	17 36	2 19	3 53
M20	11 20	16 56	2 28	14 23	2 6	17 21	0 35	23 20	0 9	15 32	1 16	8 42	1 38	21 54	0 9	13 4	0 1	16 52	5 16	23 13	23 11	17 34	2 20	3 52
T 21	10 58	20 22	1 25	13 48	2 7	17 2	0 37	23 19	0 10	15 32	1 17	8 44	1 38	21 54	0 9	13 3	0 1	16 53	5 16	23 13	23 11	17 33	2 21	3 52
W22	10 37	22 44	0 19	13 12	2 7	16 42	0 40	23 18	0 11	15 32	1 17	8 46	1 38	21 54	0 9	13 3	0 1	16 53	5 16	23 13	23 10	17 31	2 22	3 52
T 23	10 15	23 59	0n45	12 35	2 6	16 22	0 42	23 17	0 12	15 32	1 17	8 48	1 38	21 54	0 9	13 2	0 1	16 53	5 16	23 13	23 10	17 29	2 24	3 52
F 24	9 53	24 5	1 47	11 56	2 5	16 1	0 44	23 16	0 13	15 33	1 17	8 50	1 38	21 54	0 9	13 1	0 1	16 53	5 15	23 13	23 10	17 27	2 25	3 52
S 25	9 31	23 4	2 43	11 16	2 4	15 40	0 46	23 14	0 14	15 33	1 17	8 52	1 38	21 55	0 9	13 0	0 1	16 54	5 15	23 13	23 10	17 25	2 26	3 52
S 26	9 9	21 2	3 32	10 36	2 2	15 19	0 48	23 12	0 14	15 33	1 18	8 54	1 38	21 55	0 9	13 0	0 1	16 54	5 15	23 13	23 10	17 23	2 28	3 51
M27	8 46	18 7	4 11	9 54	1 59	14 56	0 50	23 10	0 15	15 33	1 18	8 56	1 39	21 55	0 9	12 59	0 1	16 54	5 15	23 12	23 10	17 21	2 29	3 51
T 28	8 24	14 27	4 40	9 10	1 56	14 34	0 52	23 8	0 16	15 33	1 18	8 58	1 39	21 55	0 9	12 58	0 1	16 54	5 15	23 12	23 10	17 20	2 30	3 51
W29	8s 1	10n12	4n56	8s26	1s53	14s11	0s54	23s 5	0s17	15s33	1n18	8n59	1n39	21s55	0n 9	12s57	0s 1	16n55	5s15	23n11	23n10	17n18	2n31	3n51

Julian Day Number = 2873795.5, Delta T = 01h13m06s
Ecliptic obliquity = 23°17'24, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°55'47, Lahiri = 40°02'48

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ASTRODIENST EPHEMERIS for the year 3156
geocentric

MARCH 3156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 36 53	10♓20'35	27♍36	14♓39	25♒34	12♑ 5	16♏59	10°R44	11♐54	25♒32	17°R49	24°R37	24♊ 2	25♌17	27♓30	T 1
F 2	10 40 49	11°21'14	9♎41	16°28	26°49	12°45	16°R59	10♍39	11°55	25°34	17♋48	24♊24	23°58	25°24	27°34	F 2
S 3	10 44 46	12°21'53	21°53	18°18	28° 4	13°26	16°59	10°34	11°55	25°36	17°48	24°13	23°55	25°30	27°37	S 3
S 4	10 48 42	13°22'30	4♏14	20° 8	29°19	14° 6	16°59	10°29	11°56	25°38	17°47	24° 5	23°52	25°37	27°41	S 4
M 5	10 52 39	14°23'06	16°47	21°58	0♓34	14°46	16°58	10°24	11°57	25°41	17°46	23°59	23°49	25°44	27°45	M 5
T 6	10 56 35	15°23'41	29°34	23°48	1°49	15°27	16°58	10°19	11°57	25°43	17°46	23°56	23°46	25°50	27°49	T 6
W 7	11 0 32	16°24'15	12♐38	25°39	3° 4	16° 7	16°57	10°15	11°58	25°45	17°45	23°56	23°43	25°57	27°52	W 7
T 8	11 4 28	17°24'48	26° 4	27°29	4°20	16°47	16°56	10°10	11°58	25°47	17°45	23°56	23°39	26° 4	27°56	T 8
F 9	11 8 25	18°25'20	9♑54	29°19	5°35	17°28	16°55	10° 5	11°59	25°49	17°44	23°55	23°36	26°11	28° 0	F 9
S 10	11 12 22	19°25'51	24° 9	1♈ 8	6°50	18° 8	16°53	10° 0	11°59	25°51	17°44	23°53	23°33	26°17	28° 4	S 10
S 11	11 16 18	20°26'20	8♒48	2°56	8° 5	18°48	16°52	9°55	12° 0	25°54	17°43	23°48	23°30	26°24	28° 7	S 11
M12	11 20 15	21°26'48	23°47	4°43	9°20	19°29	16°50	9°51	12° 0	25°56	17°43	23°40	23°27	26°31	28°11	M12
T 13	11 24 11	22°27'15	8♓58	6°28	10°35	20° 9	16°48	9°46	12° 0	25°58	17°42	23°30	23°24	26°37	28°15	T 13
W14	11 28 8	23°27'40	24°11	8°12	11°50	20°50	16°46	9°41	12° 0	26° 0	17°42	23°18	23°20	26°44	28°19	W14
T 15	11 32 4	24°28'04	9♈15	9°52	13° 5	21°30	16°44	9°37	12° 1	26° 2	17°42	23° 6	23°17	26°51	28°23	T 15
F 16	11 36 1	25°28'26	23°59	11°29	14°20	22°11	16°41	9°32	12° 1	26° 4	17°41	22°56	23°14	26°58	28°26	F 16
S 17	11 39 57	26°28'46	8♉17	13° 3	15°35	22°51	16°38	9°28	12°R 1	26° 6	17°41	22°48	23°11	27° 4	28°30	S 17
S 18	11 43 54	27°29'04	22° 6	14°33	16°50	23°31	16°36	9°23	12° 1	26° 8	17°41	22°42	23° 8	27°11	28°34	S 18
M19	11 47 50	28°29'21	5♊25	15°57	18° 5	24°12	16°32	9°19	12° 0	26°10	17°40	22°40	23° 4	27°18	28°38	M19
T 20	11 51 47	29°29'35	18°17	17°16	19°20	24°52	16°29	9°14	12° 0	26°12	17°40	22°39	23° 1	27°24	28°42	T 20
W21	11 55 44	0♈29'48	0♋46	18°29	20°35	25°33	16°26	9°10	12° 0	26°14	17°40	22°39	22°58	27°31	28°45	W21
T 22	11 59 40	1°29'58	12°58	19°36	21°49	26°13	16°22	9° 5	12° 0	26°16	17°39	22°38	22°55	27°38	28°49	T 22
F 23	12 3 37	2°30'07	24°57	20°35	23° 4	26°54	16°19	9° 1	12° 0	26°18	17°39	22°37	22°52	27°45	28°53	F 23
S 24	12 7 33	3°30'13	6♌49	21°26	24°19	27°34	16°15	8°57	11°59	26°20	17°39	22°32	22°49	27°51	28°57	S 24
S 25	12 11 30	4°30'18	18°39	22°10	25°34	28°15	16°11	8°53	11°59	26°22	17°39	22°25	22°45	27°58	29° 1	S 25
M26	12 15 26	5°30'20	0♍29	22°45	26°49	28°55	16° 6	8°49	11°58	26°24	17°39	22°15	22°42	28° 5	29° 4	M26
T 27	12 19 23	6°30'21	12°24	23°11	28° 4	29°36	16° 2	8°45	11°58	26°25	17°39	22° 3	22°39	28°11	29° 8	T 27
W28	12 23 19	7°30'19	24°24	23°29	29°19	0♒16	15°57	8°41	11°57	26°27	17°39	21°50	22°36	28°18	29°12	W28
T 29	12 27 16	8°30'16	6♎33	23°R37	0♈34	0°57	15°53	8°37	11°57	26°29	17°38	21°36	22°33	28°25	29°16	T 29
F 30	12 31 13	9°30'11	18°49	23°37	1°48	1°37	15°48	8°33	11°56	26°31	17°38	21°23	22°29	28°31	29°19	F 30
S 31	12 35 9	10♈30'04	1♏15	23♈27	3♈ 3	2♒18	15♏43	8♍29	11♐55	26♒33	17♋38	21♊12	22♊26	28♌38	29♓23	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s39	5n32	5n 0	7s41	1s49	13s48	0s56	23s 2	0s18	15s33	1n19	9n 1	1n39	21s55	0n 9	12s57	0s 1	16n55	5s15	23n11	23n 9	17n16	2n33	3n51
F 2	7 16	0 38	4 50	6 55	1 44	13 24	0 58	23 0	0 19	15 33	1 19	9 3	1 39	21 55	0 9	12 56	0 1	16 55	5 14	23 10	23 9	17 14	2 34	3 51
S 3	6 53	4s21	4 27	6 7	1 39	13 0	1 0	22 57	0 20	15 32	1 19	9 5	1 39	21 55	0 9	12 55	0 1	16 55	5 14	23 10	23 9	17 12	2 35	3 51
S 4	6 30	9 14	3 50	5 19	1 33	12 36	1 2	22 53	0 21	15 32	1 19	9 7	1 39	21 56	0 9	12 54	0 1	16 55	5 14	23 10	23 9	17 10	2 37	3 51
M 5	6 7	13 49	3 3	4 30	1 27	12 11	1 3	22 50	0 21	15 32	1 19	9 9	1 39	21 56	0 9	12 54	0 1	16 56	5 14	23 9	23 9	17 8	2 38	3 50
T 6	5 43	17 54	2 5	3 41	1 20	11 46	1 5	22 46	0 22	15 31	1 20	9 11	1 39	21 56	0 9	12 53	0 1	16 56	5 14	23 9	23 9	17 6	2 40	3 50
W 7	5 20	21 11	0 59	2 50	1 13	11 21	1 7	22 43	0 23	15 31	1 20	9 13	1 39	21 56	0 9	12 52	0 1	16 56	5 14	23 9	23 9	17 5	2 41	3 50
T 8	4 57	23 25	0s11	1 59	1 5	10 55	1 8	22 39	0 24	15 31	1 20	9 15	1 39	21 56	0 9	12 52	0 1	16 56	5 14	23 9	23 8	17 3	2 42	3 50
F 9	4 33	24 19	1 23	1 8	0 56	10 29	1 10	22 34	0 25	15 30	1 20	9 17	1 39	21 56	0 9	12 51	0 1	16 57	5 13	23 9	23 8	17 1	2 44	3 50
S 10	4 10	23 39	2 32	0 16	0 46	10 3	1 11	22 30	0 26	15 30	1 20	9 18	1 39	21 56	0 9	12 50	0 1	16 57	5 13	23 9	23 8	16 59	2 45	3 50
S 11	3 46	21 22	3 33	0n36	0 36	9 37	1 12	22 25	0 27	15 29	1 21	9 20	1 40	21 56	0 9	12 49	0 1	16 57	5 13	23 9	23 8	16 57	2 47	3 50
M12	3 22	17 37	4 21	1 28	0 26	9 10	1 14	22 21	0 28	15 28	1 21	9 22	1 40	21 56	0 9	12 49	0 1	16 57	5 13	23 8	23 8	16 55	2 48	3 50
T 13	2 59	12 39	4 51	2 20	0 15	8 43	1 15	22 16	0 29	15 27	1 21	9 24	1 40	21 56	0 9	12 48	0 1	16 57	5 13	23 8	23 8	16 53	2 49	3 50
W14	2 35	6 53	5 0	3 11	0 3	8 16	1 16	22 11	0 30	15 27	1 21	9 26	1 40	21 56	0 9	12 47	0 1	16 58	5 13	23 7	23 7	16 51	2 51	3 49
T 15	2 11	0 47	4 48	4 2	0n10	7 48	1 17	22 6	0 31	15 26	1 21	9 27	1 40	21 56	0 9	12 47	0 1	16 58	5 12	23 7	23 7	16 49	2 52	3 49
F 16	1 47	5n15	4 18	4 52	0 22	7 20	1 18	22 0	0 32	15 25	1 21	9 29	1 40	21 56	0 9	12 46	0 1	16 58	5 12	23 6	23 7	16 47	2 54	3 49
S 17	1 23	10 51	3 31	5 40	0 35	6 52	1 19	21 54	0 33	15 24	1 22	9 31	1 40	21 56	0 9	12 45	0 1	16 58	5 12	23 6	23 7	16 45	2 55	3 49
S 18	1 0	15 42	2 34	6 27	0 49	6 24	1 20	21 49	0 34	15 23	1 22	9 33	1 40	21 56	0 9	12 45	0 1	16 58	5 12	23 5	23 7	16 43	2 56	3 49
M19	0 36	19 36	1 30	7 12	1 3	5 56	1 21	21 43	0 35	15 22	1 22	9 34	1 40	21 56	0 9	12 44	0 1	16 59	5 12	23 5	23 7	16 41	2 58	3 49
T 20	0 12	22 24	0 23	7 55	1 16	5 28	1 22	21 36	0 36	15 21	1 22	9 36	1 40	21 56	0 9	12 43	0 1	16 59	5 12	23 5	23 6	16 39	2 59	3 49
W21	0n12	24 0	0n43	8 36	1 30	4 59	1 23	21 30	0 37	15 20	1 22	9 38	1 40	21 56	0 9	12 43	0 1	16 59	5 11	23 5	23 6	16 37	3 1	3 49
T 22	0 36	24 25	1 45	9 14	1 44	4 30	1 24	21 24	0 38	15 19	1 23	9 39	1 40	21 56	0 9	12 42	0 1	16 59	5 11	23 5	23 6	16 35	3 2	3 49
F 23	0 59	23 40	2 42	9 48	1 58	4 1	1 24	21 17	0 39	15 17	1 23	9 41	1 40	21 56	0 9	12 41	0 1	16 59	5 11	23 5	23 6	16 33	3 4	3 49
S 24	1 23	21 51	3 31	10 20	2 11	3 33	1 25	21 10	0 40	15 16	1 23	9 43	1 40	21 56	0 9	12 41	0 1	17 0	5 11	23 5	23 6	16 31	3 5	3 49
S 25	1 47	19 7	4 11	10 48	2 23	3 3	1 25	21 3	0 41	15 15	1 23	9 44	1 40	21 56	0 9	12 40	0 1	17 0	5 11	23 4	23 6	16 29	3 7	3 49
M26	2 10	15 35	4 39	11 12	2 35	2 34	1 26	20 56	0 42	15 14	1 23	9 46	1 40	21 56	0 9	12 40	0 1	17 0	5 11	23 4	23 5	16 27	3 8	3 49
T 27	2 34	11 26	4 56	11 32	2 46	2 5	1 26	20 49	0 43	15 12	1 23	9 47	1 40	21 56	0 9	12 39	0 1	17 0	5 10	23 3	23 5	16 25	3 10	3 49
W28	2 58	6 48	5 0	11 48	2 57	1 36	1 27	20 41	0 44	15 11	1 23	9 49	1 40	21 56	0 9	12 38	0 1	17 0	5 10	23 2	23 5	16 23	3 11	3 49
T 29	3 21	1 52	4 50	11 59	3 6	1 6	1 27	20 33	0 45	15 9	1 24	9 50	1 40	21 56	0 9	12 38	0 1	17 1	5 10	23 2	23 5	16 21	3 12	3 49
F 30	3 45	3s12	4 27	12 6	3 13	0 37	1 27	20 26	0 46	15 8	1 24	9 51	1 40	21 56	0 9	12 37	0 1	17 1	5 10	23 1	23 5	16 19	3 14	3 49
S 31	4n 8	8s13	3n51	12n 9	3n19	0s 8	1s27	20s18	0s47	15s 6	1n24	9n53	1n40	21s55	0n 9	12s36	0s 1	17n 1	5s10	23n 0	23n 5	16n17	3n15	3n49

Julian Day Number = 2873824.5, Delta T = 01h13m06s
Ecliptic obliquity = 23°17'25, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°55'51, Lahiri = 40°02'52

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ASTRODIENST EPHEMERIS for the year 3156
geocentric

APRIL 3156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 39 6	11♈29'55	13♏51	23°R10	4♈18	2♒58	15°R38	8°R25	11°R54	26♒34	17°D38	21°R 4	22♊23	28♌45	29♓27	S 1
M 2	12 43 2	12°29'45	26°37	22♈45	5°33	3°39	15♏32	8♍22	11♐54	26°36	17♋38	20♊59	22°20	28°52	29°31	M 2
T 3	12 46 59	13°29'33	9♐34	22°13	6°48	4°19	15°27	8°18	11°53	26°38	17°38	20°56	22°17	28°58	29°34	T 3
W 4	12 50 55	14°29'19	22°46	21°34	8° 3	5° 0	15°21	8°15	11°52	26°40	17°38	20°D56	22°14	29° 5	29°38	W 4
T 5	12 54 52	15°29'04	6♑13	20°50	9°17	5°40	15°16	8°11	11°51	26°41	17°39	20°56	22°10	29°12	29°42	T 5
F 6	12 58 48	16°28'47	19°58	20° 2	10°32	6°21	15°10	8° 8	11°50	26°43	17°39	20°R56	22° 7	29°18	29°45	F 6
S 7	13 2 45	17°28'29	4♒ 1	19°10	11°47	7° 1	15° 4	8° 5	11°49	26°44	17°39	20°55	22° 4	29°25	29°49	S 7
S 8	13 6 42	18°28'08	18°23	18°16	13° 2	7°42	14°58	8° 2	11°48	26°46	17°39	20°52	22° 1	29°32	29°53	S 8
M 9	13 10 38	19°27'47	3♓ 0	17°22	14°16	8°23	14°51	7°59	11°46	26°48	17°39	20°46	21°58	29°39	29°56	M 9
T 10	13 14 35	20°27'23	17°48	16°28	15°31	9° 3	14°45	7°56	11°45	26°49	17°39	20°38	21°55	29°45	0♈ 0	T 10
W11	13 18 31	21°26'58	2♈40	15°35	16°46	9°44	14°39	7°53	11°44	26°51	17°40	20°29	21°51	29°52	0° 4	W11
T 12	13 22 28	22°26'30	17°26	14°44	18° 0	10°24	14°32	7°50	11°43	26°52	17°40	20°20	21°48	29°59	0° 7	T 12
F 13	13 26 24	23°26'01	2♉ 0	13°57	19°15	11° 5	14°25	7°47	11°41	26°54	17°40	20°11	21°45	0♍ 5	0°11	F 13
S 14	13 30 21	24°25'30	16°12	13°14	20°30	11°45	14°19	7°45	11°40	26°55	17°40	20° 5	21°42	0°12	0°14	S 14
S 15	13 34 17	25°24'57	0♊ 0	12°35	21°44	12°26	14°12	7°42	11°38	26°56	17°41	20° 1	21°39	0°19	0°18	S 15
M16	13 38 14	26°24'21	13°22	12° 1	22°59	13° 6	14° 5	7°40	11°37	26°58	17°41	19°59	21°35	0°26	0°21	M16
T 17	13 42 11	27°23'44	26°18	11°33	24°14	13°47	13°58	7°38	11°35	26°59	17°41	19°D59	21°32	0°32	0°25	T 17
W18	13 46 7	28°23'04	8♋52	11°10	25°28	14°27	13°51	7°36	11°34	27° 1	17°42	20° 0	21°29	0°39	0°28	W18
T 19	13 50 4	29°22'22	21° 7	10°53	26°43	15° 8	13°43	7°33	11°32	27° 2	17°42	20° 1	21°26	0°46	0°32	T 19
F 20	13 54 0	0♉21'38	3♌10	10°42	27°57	15°48	13°36	7°31	11°30	27° 3	17°43	20°R 1	21°23	0°52	0°35	F 20
S 21	13 57 57	1°20'51	15° 4	10°D37	29°12	16°29	13°29	7°30	11°29	27° 4	17°43	20° 0	21°20	0°59	0°39	S 21
S 22	14 1 53	2°20'03	26°55	10°37	0♉26	17° 9	13°21	7°28	11°27	27° 6	17°44	19°57	21°16	1° 6	0°42	S 22
M23	14 5 50	3°19'12	8♍47	10°42	1°41	17°50	13°14	7°26	11°25	27° 7	17°44	19°51	21°13	1°13	0°45	M23
T 24	14 9 46	4°18'18	20°45	10°53	2°55	18°30	13° 6	7°24	11°23	27° 8	17°45	19°45	21°10	1°19	0°49	T 24
W25	14 13 43	5°17'23	2♎51	11° 9	4°10	19°11	12°59	7°23	11°22	27° 9	17°45	19°37	21° 7	1°26	0°52	W25
T 26	14 17 40	6°16'25	15° 8	11°29	5°24	19°51	12°51	7°22	11°20	27°10	17°46	19°29	21° 4	1°33	0°55	T 26
F 27	14 21 36	7°15'26	27°37	11°55	6°39	20°31	12°44	7°20	11°18	27°11	17°46	19°21	21° 1	1°39	0°58	F 27
S 28	14 25 33	8°14'24	10♏19	12°25	7°53	21°12	12°36	7°19	11°16	27°12	17°47	19°14	20°57	1°46	1° 2	S 28
S 29	14 29 29	9°13'21	23°14	12°59	9° 7	21°52	12°28	7°18	11°14	27°13	17°47	19°10	20°54	1°53	1° 5	S 29
M30	14 33 26	10♉12'15	6♐20	13♈37	10♉22	22♒33	12♏21	7♍17	11♐12	27♒14	17♋48	19♊ 7	20♊51	2♍ 0	1♈ 8	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n31	12s59	3n 3	12n 6	3n24	0n22	1s27	20s10	0s48	15s 5	1n24	9n54	1n40	21s55	0n 9	12s36	0s 1	17n 1	5s10	22n59	23n 4	16n15	3n17	3n49
M 2	4 54	17 15	2 5	12 0	3 27	0 51	1 27	20 1	0 50	15 3	1 24	9 55	1 40	21 55	0 9	12 35	0 1	17 1	5 9	22 59	23 4	16 13	3 18	3 49
T 3	5 18	20 45	1 0	11 49	3 28	1 21	1 27	19 53	0 51	15 1	1 24	9 57	1 40	21 55	0 9	12 35	0 1	17 1	5 9	22 59	23 4	16 11	3 20	3 48
W 4	5 41	23 15	0s10	11 33	3 27	1 50	1 27	19 44	0 52	14 59	1 24	9 58	1 40	21 55	0 9	12 34	0 1	17 2	5 9	22 59	23 4	16 9	3 21	3 48
T 5	6 4	24 29	1 20	11 14	3 24	2 20	1 27	19 35	0 53	14 58	1 25	9 59	1 40	21 55	0 9	12 34	0 1	17 2	5 9	22 59	23 4	16 7	3 23	3 48
F 6	6 26	24 15	2 28	10 52	3 20	2 49	1 27	19 27	0 54	14 56	1 25	10 0	1 40	21 55	0 9	12 33	0 1	17 2	5 9	22 59	23 3	16 5	3 24	3 48
S 7	6 49	22 30	3 28	10 26	3 13	3 18	1 26	19 18	0 55	14 54	1 25	10 2	1 39	21 55	0 9	12 33	0 1	17 2	5 9	22 59	23 3	16 3	3 26	3 48
S 8	7 12	19 18	4 17	9 58	3 5	3 48	1 26	19 8	0 56	14 52	1 25	10 3	1 39	21 54	0 9	12 32	0 1	17 2	5 8	22 59	23 3	16 1	3 27	3 48
M 9	7 34	14 50	4 50	9 28	2 55	4 17	1 25	18 59	0 58	14 50	1 25	10 4	1 39	21 54	0 9	12 32	0 1	17 2	5 8	22 58	23 3	15 59	3 28	3 48
T 10	7 57	9 27	5 4	8 57	2 43	4 46	1 25	18 50	0 59	14 48	1 25	10 5	1 39	21 54	0 9	12 31	0 1	17 2	5 8	22 58	23 3	15 57	3 30	3 48
W11	8 19	3 30	4 57	8 25	2 31	5 15	1 24	18 40	1 0	14 46	1 25	10 6	1 39	21 54	0 9	12 31	0 1	17 3	5 8	22 57	23 3	15 55	3 31	3 48
T 12	8 41	2n38	4 31	7 53	2 17	5 44	1 24	18 30	1 1	14 44	1 25	10 7	1 39	21 54	0 9	12 30	0 1	17 3	5 8	22 56	23 2	15 53	3 33	3 48
F 13	9 3	8 32	3 47	7 21	2 2	6 13	1 23	18 20	1 2	14 42	1 25	10 8	1 39	21 54	0 9	12 30	0 1	17 3	5 8	22 56	23 2	15 51	3 34	3 48
S 14	9 25	13 51	2 51	6 50	1 47	6 41	1 22	18 10	1 3	14 40	1 25	10 9	1 39	21 53	0 9	12 29	0 1	17 3	5 7	22 55	23 2	15 49	3 36	3 48
S 15	9 46	18 19	1 45	6 21	1 31	7 10	1 21	18 0	1 5	14 38	1 25	10 10	1 39	21 53	0 9	12 29	0 1	17 3	5 7	22 55	23 2	15 47	3 37	3 49
M16	10 8	21 41	0 35	5 53	1 15	7 38	1 20	17 50	1 6	14 36	1 26	10 10	1 39	21 53	0 9	12 28	0 1	17 3	5 7	22 55	23 2	15 45	3 38	3 49
T 17	10 29	23 48	0n34	5 27	0 59	8 6	1 20	17 40	1 7	14 34	1 26	10 11	1 39	21 53	0 9	12 28	0 1	17 3	5 7	22 55	23 1	15 42	3 40	3 49
W18	10 50	24 39	1 40	5 3	0 43	8 34	1 19	17 29	1 8	14 32	1 26	10 12	1 39	21 53	0 9	12 27	0 1	17 4	5 7	22 55	23 1	15 40	3 41	3 49
T 19	11 11	24 16	2 39	4 42	0 27	9 2	1 17	17 18	1 10	14 30	1 26	10 13	1 39	21 52	0 9	12 27	0 1	17 4	5 7	22 55	23 1	15 38	3 43	3 49
F 20	11 32	22 45	3 31	4 24	0 12	9 29	1 16	17 8	1 11	14 28	1 26	10 13	1 39	21 52	0 9	12 26	0 1	17 4	5 6	22 55	23 1	15 36	3 44	3 49
S 21	11 52	20 14	4 13	4 7	0s 3	9 57	1 15	16 57	1 12	14 25	1 26	10 14	1 39	21 52	0 9	12 26	0 1	17 4	5 6	22 55	23 1	15 34	3 45	3 49
S 22	12 13	16 54	4 43	3 54	0 18	10 24	1 14	16 46	1 13	14 23	1 26	10 15	1 39	21 52	0 9	12 26	0 1	17 4	5 6	22 55	23 0	15 32	3 47	3 49
M23	12 33	12 53	5 2	3 43	0 32	10 51	1 13	16 35	1 15	14 21	1 26	10 15	1 38	21 52	0 9	12 25	0 1	17 4	5 6	22 54	23 0	15 30	3 48	3 49
T 24	12 53	8 21	5 8	3 35	0 45	11 17	1 11	16 23	1 16	14 19	1 26	10 16	1 38	21 51	0 9	12 25	0 1	17 4	5 6	22 54	23 0	15 28	3 49	3 49
W25	13 12	3 27	5 0	3 29	0 58	11 44	1 10	16 12	1 17	14 16	1 26	10 16	1 38	21 51	0 9	12 24	0 1	17 4	5 6	22 53	23 0	15 26	3 51	3 49
T 26	13 32	1s39	4 38	3 26	1 10	12 10	1 9	16 1	1 18	14 14	1 26	10 17	1 38	21 51	0 9	12 24	0 1	17 4	5 5	22 53	22 59	15 23	3 52	3 49
F 27	13 51	6 47	4 2	3 25	1 22	12 36	1 7	15 49	1 20	14 12	1 26	10 17	1 38	21 51	0 9	12 24	0 1	17 4	5 5	22 52	22 59	15 21	3 53	3 49
S 28	14 10	11 44	3 14	3 27	1 33	13 1	1 6	15 38	1 21	14 10	1 26	10 17	1 38	21 50	0 9	12 23	0 1	17 4	5 5	22 51	22 59	15 19	3 55	3 49
S 29	14 29	16 16	2 16	3 31	1 43	13 26	1 4	15 26	1 22	14 7	1 26	10 18	1 38	21 50	0 9	12 23	0 1	17 5	5 5	22 51	22 59	15 17	3 56	3 49
M30	14n47	20s 6	1n 9	3n37	1s52	13n51	1s 2	15s14	1s24	14s 5	1n26	10n18	1n38	21s50	0n 9	12s23	0s 1	17n 5	5s 5	22n51	22n59	15n15	3n57	3n49

Julian Day Number = 2873855.5, Delta T = 01h13m07s
Ecliptic obliquity = 23°17'25, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°55'56, Lahiri = 40°02'56

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ASTRODIENST EPHEMERIS for the year 3156
geocentric

MAY 3156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 37 22	11♉11'08	19♐39	14♈18	11♉36	23♒13	12°R13	7°R16	11°R10	27♒15	17♋49	19°D 6	20♊48	2♍ 6	1♈11	T 1
W 2	14 41 19	12° 9'59	3♑ 9	15° 4	12°51	23°53	12♏ 5	7♍15	11♐ 8	27°16	17°49	19♊ 7	20°45	2°13	1°14	W 2
T 3	14 45 15	13° 8'49	16°50	15°53	14° 5	24°34	11°58	7°15	11° 6	27°17	17°50	19° 9	20°41	2°20	1°17	T 3
F 4	14 49 12	14° 7'37	0♒43	16°45	15°19	25°14	11°50	7°14	11° 4	27°18	17°51	19°10	20°38	2°26	1°20	F 4
S 5	14 53 9	15° 6'23	14°46	17°40	16°34	25°54	11°42	7°14	11° 1	27°19	17°52	19°R11	20°35	2°33	1°23	S 5
S 6	14 57 5	16° 5'07	28°58	18°39	17°48	26°35	11°35	7°14	10°59	27°19	17°52	19°10	20°32	2°40	1°26	S 6
M 7	15 1 2	17° 3'50	13♓18	19°40	19° 2	27°15	11°27	7°13	10°57	27°20	17°53	19° 8	20°29	2°47	1°29	M 7
T 8	15 4 58	18° 2'31	27°42	20°44	20°16	27°55	11°19	7°D13	10°55	27°21	17°54	19° 4	20°26	2°53	1°32	T 8
W 9	15 8 55	19° 1'11	12♈ 6	21°50	21°31	28°36	11°12	7°13	10°52	27°22	17°55	19° 0	20°22	3° 0	1°35	W 9
T 10	15 12 51	19°59'48	26°25	22°59	22°45	29°16	11° 4	7°13	10°50	27°22	17°56	18°56	20°19	3° 7	1°37	T 10
F 11	15 16 48	20°58'25	10♉33	24°11	23°59	29°56	10°57	7°14	10°48	27°23	17°57	18°52	20°16	3°13	1°40	F 11
S 12	15 20 44	21°56'59	24°26	25°24	25°13	0♓36	10°49	7°14	10°46	27°23	17°57	18°49	20°13	3°20	1°43	S 12
S 13	15 24 41	22°55'32	8♊ 1	26°40	26°27	1°16	10°42	7°14	10°43	27°24	17°58	18°47	20°10	3°27	1°46	S 13
M14	15 28 38	23°54'02	21°14	27°59	27°42	1°56	10°35	7°15	10°41	27°25	17°59	18°D47	20° 7	3°34	1°48	M14
T 15	15 32 34	24°52'31	4♋ 7	29°19	28°56	2°37	10°27	7°16	10°38	27°25	18° 0	18°48	20° 3	3°40	1°51	T 15
W16	15 36 31	25°50'58	16°41	0♌41	0♊10	3°17	10°20	7°16	10°36	27°26	18° 1	18°49	20° 0	3°47	1°53	W16
T 17	15 40 27	26°49'23	28°58	2° 6	1°24	3°57	10°13	7°17	10°34	27°26	18° 2	18°51	19°57	3°54	1°56	T 17
F 18	15 44 24	27°47'45	11♎ 3	3°32	2°38	4°37	10° 6	7°18	10°31	27°26	18° 3	18°52	19°54	4° 0	1°58	F 18
S 19	15 48 20	28°46'06	23° 0	5° 1	3°52	5°16	9°59	7°19	10°29	27°27	18° 4	18°53	19°51	4° 7	2° 1	S 19
S 20	15 52 17	29°44'25	4♍52	6°31	5° 6	5°56	9°52	7°20	10°26	27°27	18° 5	18°R53	19°47	4°14	2° 3	S 20
M21	15 56 13	0♊42'41	16°46	8° 4	6°20	6°36	9°45	7°22	10°24	27°27	18° 6	18°52	19°44	4°21	2° 6	M21
T 22	16 0 10	1°40'56	28°46	9°38	7°34	7°16	9°38	7°23	10°21	27°28	18° 7	18°50	19°41	4°27	2° 8	T 22
W23	16 4 7	2°39'09	10♎55	11°14	8°48	7°56	9°32	7°25	10°19	27°28	18° 8	18°48	19°38	4°34	2°10	W23
T 24	16 8 3	3°37'19	23°18	12°52	10° 2	8°36	9°25	7°26	10°16	27°28	18° 9	18°46	19°35	4°41	2°12	T 24
F 25	16 12 0	4°35'28	5♏56	14°33	11°16	9°15	9°19	7°28	10°14	27°28	18°10	18°44	19°32	4°48	2°15	F 25
S 26	16 15 56	5°33'36	18°51	16°15	12°30	9°55	9°13	7°30	10°11	27°28	18°11	18°42	19°28	4°54	2°17	S 26
S 27	16 19 53	6°31'41	2♐ 4	17°58	13°44	10°35	9° 6	7°32	10° 9	27°28	18°13	18°41	19°25	5° 1	2°19	S 27
M28	16 23 49	7°29'45	15°33	19°44	14°58	11°14	9° 0	7°34	10° 6	27°29	18°14	18°D41	19°22	5° 8	2°21	M28
T 29	16 27 46	8°27'48	29°17	21°32	16°12	11°54	8°54	7°36	10° 4	27°29	18°15	18°41	19°19	5°14	2°23	T 29
W30	16 31 42	9°25'49	13♑14	23°22	17°26	12°33	8°49	7°38	10° 1	27°R29	18°16	18°41	19°16	5°21	2°25	W30
T 31	16 35 39	10♊23'49	27♑20	25♉14	18♊40	13♓13	8♏43	7♍40	9♐59	27♒29	18♋17	18♊42	19♊13	5♍28	2♈27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 5	22s56	0s 3	3n45	2s 1	14n15	1s 1	15s 2	1s25	14s 3	1n26	10n18	1n38	21s49	0n 9	12s22	0s 1	17n 5	5s 5	22n51	22n58	15n13	3n59	3n49
W 2	15 24	24 31	1 16	3 55	2 9	14 40	0 59	14 50	1 26	14 0	1 26	10 18	1 38	21 49	0 9	12 22	0 1	17 5	5 4	22 51	22 58	15 11	4 0	3 49
T 3	15 41	24 38	2 25	4 6	2 17	15 3	0 57	14 38	1 28	13 58	1 26	10 18	1 38	21 49	0 9	12 22	0 2	17 5	5 4	22 51	22 58	15 8	4 1	3 49
F 4	15 59	23 15	3 27	4 20	2 23	15 27	0 55	14 26	1 29	13 56	1 26	10 19	1 38	21 49	0 9	12 22	0 2	17 5	5 4	22 51	22 58	15 6	4 2	3 49
S 5	16 16	20 25	4 18	4 35	2 29	15 50	0 53	14 13	1 30	13 54	1 26	10 19	1 37	21 48	0 9	12 21	0 2	17 5	5 4	22 51	22 57	15 4	4 4	3 50
S 6	16 33	16 20	4 53	4 52	2 35	16 12	0 52	14 1	1 32	13 51	1 26	10 19	1 37	21 48	0 9	12 21	0 2	17 5	5 4	22 51	22 57	15 2	4 5	3 50
M 7	16 50	11 18	5 10	5 11	2 40	16 34	0 50	13 49	1 33	13 49	1 25	10 19	1 37	21 48	0 9	12 21	0 2	17 5	5 4	22 51	22 57	15 0	4 6	3 50
T 8	17 6	5 38	5 8	5 31	2 44	16 56	0 48	13 36	1 35	13 47	1 25	10 19	1 37	21 47	0 9	12 21	0 2	17 5	5 3	22 51	22 57	14 57	4 7	3 50
W 9	17 22	0n21	4 47	5 52	2 47	17 18	0 46	13 24	1 36	13 45	1 25	10 19	1 37	21 47	0 9	12 20	0 2	17 5	5 3	22 50	22 57	14 55	4 9	3 50
T 10	17 38	6 16	4 8	6 15	2 50	17 38	0 44	13 11	1 37	13 42	1 25	10 18	1 37	21 47	0 9	12 20	0 2	17 5	5 3	22 50	22 56	14 53	4 10	3 50
F 11	17 53	11 49	3 14	6 39	2 52	17 59	0 42	12 58	1 39	13 40	1 25	10 18	1 37	21 47	0 9	12 20	0 2	17 5	5 3	22 50	22 56	14 51	4 11	3 50
S 12	18 8	16 40	2 10	7 4	2 54	18 19	0 39	12 45	1 40	13 38	1 25	10 18	1 37	21 46	0 9	12 20	0 2	17 5	5 3	22 49	22 56	14 49	4 12	3 50
S 13	18 23	20 32	0 59	7 30	2 55	18 38	0 37	12 32	1 42	13 36	1 25	10 18	1 37	21 46	0 9	12 19	0 2	17 5	5 3	22 49	22 56	14 46	4 13	3 50
M14	18 38	23 14	0n14	7 57	2 55	18 57	0 35	12 19	1 43	13 33	1 25	10 17	1 37	21 46	0 9	12 19	0 2	17 5	5 3	22 49	22 55	14 44	4 14	3 50
T 15	18 52	24 37	1 23	8 25	2 55	19 16	0 33	12 6	1 45	13 31	1 25	10 17	1 36	21 45	0 9	12 19	0 2	17 5	5 2	22 49	22 55	14 42	4 15	3 50
W16	19 6	24 42	2 27	8 55	2 55	19 33	0 31	11 53	1 46	13 29	1 25	10 17	1 36	21 45	0 9	12 19	0 2	17 5	5 2	22 49	22 55	14 40	4 17	3 51
T 17	19 20	23 33	3 23	9 25	2 53	19 51	0 28	11 40	1 47	13 27	1 25	10 16	1 36	21 45	0 9	12 19	0 2	17 5	5 2	22 49	22 55	14 38	4 18	3 51
F 18	19 33	21 20	4 9	9 55	2 52	20 8	0 26	11 27	1 49	13 25	1 24	10 16	1 36	21 44	0 9	12 19	0 2	17 5	5 2	22 50	22 54	14 35	4 19	3 51
S 19	19 46	18 14	4 44	10 27	2 49	20 24	0 24	11 14	1 50	13 23	1 24	10 15	1 36	21 44	0 9	12 19	0 2	17 5	5 2	22 50	22 54	14 33	4 20	3 51
S 20	19 58	14 24	5 6	10 59	2 46	20 40	0 22	11 1	1 52	13 21	1 24	10 15	1 36	21 44	0 9	12 19	0 2	17 5	5 2	22 50	22 54	14 31	4 21	3 51
M21	20 10	10 2	5 15	11 32	2 43	20 55	0 19	10 47	1 53	13 19	1 24	10 14	1 36	21 43	0 9	12 18	0 2	17 5	5 2	22 50	22 54	14 29	4 22	3 51
T 22	20 22	5 14	5 10	12 6	2 39	21 10	0 17	10 34	1 55	13 17	1 24	10 14	1 36	21 43	0 9	12 18	0 2	17 5	5 1	22 49	22 54	14 26	4 23	3 51
W23	20 34	0 11	4 52	12 39	2 34	21 24	0 15	10 21	1 56	13 15	1 24	10 13	1 36	21 42	0 9	12 18	0 2	17 5	5 1	22 49	22 53	14 24	4 24	3 51
T 24	20 45	4s58	4 20	13 14	2 29	21 37	0 12	10 7	1 58	13 13	1 24	10 12	1 36	21 42	0 9	12 18	0 2	17 5	5 1	22 49	22 53	14 22	4 25	3 51
F 25	20 55	10 2	3 35	13 48	2 24	21 50	0 10	9 54	1 59	13 11	1 23	10 12	1 35	21 42	0 9	12 18	0 2	17 5	5 1	22 49	22 53	14 20	4 26	3 52
S 26	21 6	14 48	2 37	14 23	2 18	22 2	0 7	9 40	2 1	13 9	1 23	10 11	1 35	21 41	0 9	12 18	0 2	17 5	5 1	22 49	22 53	14 17	4 27	3 52
S 27	21 16	18 58	1 31	14 59	2 11	22 13	0 5	9 27	2 2	13 8	1 23	10 10	1 35	21 41	0 9	12 18	0 2	17 5	5 1	22 49	22 52	14 15	4 28	3 52
M28	21 25	22 14	0 17	15 34	2 4	22 24	0 3	9 13	2 4	13 6	1 23	10 9	1 35	21 41	0 9	12 18	0 2	17 5	5 1	22 49	22 52	14 13	4 29	3 52
T 29	21 35	24 16	0s58	16 9	1 57	22 35	0 0	8 59	2 5	13 4	1 23	10 8	1 35	21 40	0 9	12 18	0 2	17 5	5 1	22 49	22 52	14 11	4 30	3 52
W30	21 44	24 49	2 12	16 44	1 49	22 44	0n 2	8 46	2 7	13 3	1 23	10 7	1 35	21 40	0 9	12 18	0 2	17 5	5 0	22 49	22 52	14 8	4 31	3 52
T 31	21n52	23s48	3s18	17n19	1s41	22n53	0n 5	8s32	2s 8	13s 1	1n22	10n 6	1n35	21s40	0n 9	12s18	0s 2	17n 5	5s 0	22n49	22n51	14n 6	4n31	3n52

Julian Day Number = 2873885.5, Delta T = 01h13m07s
Ecliptic obliquity = 23°17'24, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°56'00, Lahiri = 40°03'00

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ASTRODIENST EPHEMERIS for the year 3156
geocentric

JUNE 3156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 39 36	11♊21'47	11♒32	27♉ 7	19♊54	13♓52	8°R37	7♍43	9°R56	27°R28	18♋18	18♊43	19♊ 9	5♍35	2♈29	F 1
S 2	16 43 32	12°19'44	25°47	29° 3	21° 7	14°31	8♏32	7°45	9♐54	27♒28	18°20	18°43	19° 6	5°41	2°30	S 2
S 3	16 47 29	13°17'40	10♓ 2	1♊ 0	22°21	15°11	8°27	7°48	9°51	27°28	18°21	18°R44	19° 3	5°48	2°32	S 3
M 4	16 51 25	14°15'35	24°15	3° 0	23°35	15°50	8°22	7°51	9°49	27°28	18°22	18°44	19° 0	5°55	2°34	M 4
T 5	16 55 22	15°13'28	8♈22	5° 1	24°49	16°29	8°17	7°53	9°46	27°28	18°23	18°43	18°57	6° 1	2°36	T 5
W 6	16 59 18	16°11'20	22°23	7° 4	26° 3	17° 8	8°12	7°56	9°44	27°28	18°25	18°43	18°53	6° 8	2°37	W 6
T 7	17 3 15	17° 9'12	6♉14	9° 8	27°16	17°47	8° 7	7°59	9°41	27°27	18°26	18°43	18°50	6°15	2°39	T 7
F 8	17 7 11	18° 7'02	19°54	11°14	28°30	18°26	8° 2	8° 2	9°39	27°27	18°27	18°43	18°47	6°22	2°40	F 8
S 9	17 11 8	19° 4'51	3♊21	13°22	29°44	19° 5	7°58	8° 6	9°36	27°27	18°28	18°D43	18°44	6°28	2°42	S 9
S 10	17 15 5	20° 2'39	16°34	15°31	0♋58	19°44	7°54	8° 9	9°34	27°26	18°30	18°R43	18°41	6°35	2°43	S 10
M11	17 19 1	21° 0'25	29°31	17°41	2°12	20°22	7°50	8°12	9°31	27°26	18°31	18°43	18°38	6°42	2°44	M11
T 12	17 22 58	21°58'10	12♋13	19°52	3°25	21° 1	7°46	8°16	9°29	27°26	18°32	18°42	18°34	6°48	2°46	T 12
W13	17 26 54	22°55'54	24°40	22° 3	4°39	21°39	7°42	8°19	9°26	27°25	18°34	18°42	18°31	6°55	2°47	W13
T 14	17 30 51	23°53'37	6♌54	24°15	5°53	22°18	7°39	8°23	9°24	27°25	18°35	18°41	18°28	7° 2	2°48	T 14
F 15	17 34 47	24°51'18	18°58	26°27	7° 6	22°56	7°35	8°27	9°21	27°24	18°36	18°41	18°25	7° 9	2°49	F 15
S 16	17 38 44	25°48'57	0♍54	28°39	8°20	23°34	7°32	8°31	9°19	27°24	18°38	18°40	18°22	7°15	2°50	S 16
S 17	17 42 40	26°46'35	12°47	0♋51	9°34	24°12	7°29	8°34	9°17	27°23	18°39	18°39	18°19	7°22	2°51	S 17
M18	17 46 37	27°44'12	24°41	3° 2	10°47	24°51	7°26	8°38	9°14	27°23	18°40	18°D39	18°15	7°29	2°52	M18
T 19	17 50 34	28°41'48	6♎41	5°12	12° 1	25°28	7°23	8°42	9°12	27°22	18°42	18°39	18°12	7°36	2°53	T 19
W20	17 54 30	29°39'22	18°50	7°21	13°14	26° 6	7°21	8°47	9°10	27°21	18°43	18°40	18° 9	7°42	2°54	W20
T 21	17 58 27	0♋36'55	1♏13	9°28	14°28	26°44	7°18	8°51	9° 7	27°21	18°45	18°41	18° 6	7°49	2°55	T 21
F 22	18 2 23	1°34'26	13°55	11°34	15°42	27°22	7°16	8°55	9° 5	27°20	18°46	18°42	18° 3	7°56	2°56	F 22
S 23	18 6 20	2°31'57	26°57	13°38	16°55	27°59	7°14	9° 0	9° 3	27°19	18°47	18°43	17°59	8° 2	2°57	S 23
S 24	18 10 16	3°29'26	10♐22	15°40	18° 9	28°37	7°12	9° 4	9° 1	27°18	18°49	18°43	17°56	8° 9	2°57	S 24
M25	18 14 13	4°26'54	24° 9	17°40	19°22	29°14	7°11	9° 9	8°58	27°18	18°50	18°R44	17°53	8°16	2°58	M25
T 26	18 18 10	5°24'22	8♑16	19°37	20°36	29°51	7° 9	9°13	8°56	27°17	18°52	18°43	17°50	8°23	2°58	T 26
W27	18 22 6	6°21'48	22°39	21°33	21°49	0♈28	7° 8	9°18	8°54	27°16	18°53	18°41	17°47	8°29	2°59	W27
T 28	18 26 3	7°19'14	7♒13	23°26	23° 3	1° 5	7° 7	9°23	8°52	27°15	18°54	18°39	17°44	8°36	2°59	T 28
F 29	18 29 59	8°16'39	21°51	25°17	24°16	1°42	7° 6	9°28	8°50	27°14	18°56	18°37	17°40	8°43	3° 0	F 29
S 30	18 33 56	9♋14'04	6♓27	27♋ 5	25♋29	2♈18	7♏ 5	9♍33	8♐48	27♒13	18♋57	18♊34	17♊37	8♍49	3♈ 0	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 0	21s16	4s13	17n54	1s32	23n 2	0n 7	8s19	2s10	12s59	1n22	10n 5	1n35	21s39	0n 9	12s18	0s 2	17n 5	5s 0	22n49	22n51	14n 4	4n32	3n52
S 2	22 8	17 25	4 52	18 28	1 23	23 9	0 10	8 5	2 12	12 58	1 22	10 4	1 35	21 39	0 9	12 18	0 2	17 5	5 0	22 49	22 51	14 1	4 33	3 53
S 3	22 15	12 36	5 13	19 2	1 14	23 16	0 12	7 51	2 13	12 56	1 22	10 3	1 35	21 39	0 9	12 18	0 2	17 5	5 0	22 49	22 51	13 59	4 34	3 53
M 4	22 22	7 6	5 15	19 35	1 4	23 23	0 14	7 38	2 15	12 55	1 22	10 2	1 34	21 38	0 9	12 18	0 2	17 5	5 0	22 49	22 50	13 57	4 35	3 53
T 5	22 29	1 17	4 58	20 7	0 54	23 28	0 17	7 24	2 16	12 54	1 21	10 1	1 34	21 38	0 9	12 18	0 2	17 5	5 0	22 49	22 50	13 54	4 35	3 53
W 6	22 35	4n34	4 24	20 38	0 44	23 33	0 19	7 10	2 18	12 52	1 21	10 0	1 34	21 38	0 9	12 18	0 2	17 5	5 0	22 49	22 50	13 52	4 36	3 53
T 7	22 40	10 9	3 34	21 8	0 34	23 37	0 22	6 56	2 19	12 51	1 21	9 59	1 34	21 37	0 9	12 19	0 2	17 5	5 0	22 49	22 49	13 50	4 37	3 53
F 8	22 46	15 9	2 33	21 36	0 23	23 41	0 24	6 43	2 21	12 50	1 21	9 58	1 34	21 37	0 9	12 19	0 2	17 5	4 59	22 49	22 49	13 48	4 38	3 53
S 9	22 51	19 19	1 24	22 3	0 13	23 44	0 26	6 29	2 23	12 48	1 20	9 56	1 34	21 36	0 9	12 19	0 2	17 5	4 59	22 49	22 49	13 45	4 38	3 54
S 10	22 55	22 25	0 12	22 28	0 2	23 46	0 29	6 15	2 24	12 47	1 20	9 55	1 34	21 36	0 9	12 19	0 2	17 5	4 59	22 49	22 49	13 43	4 39	3 54
M11	22 59	24 17	1n 0	22 52	0n 8	23 47	0 31	6 2	2 26	12 46	1 20	9 54	1 34	21 36	0 9	12 19	0 2	17 5	4 59	22 49	22 48	13 41	4 40	3 54
T 12	23 3	24 50	2 7	23 13	0 19	23 48	0 33	5 48	2 27	12 45	1 20	9 52	1 34	21 35	0 9	12 19	0 2	17 5	4 59	22 49	22 48	13 38	4 40	3 54
W13	23 6	24 7	3 6	23 32	0 29	23 48	0 36	5 34	2 29	12 44	1 20	9 51	1 34	21 35	0 9	12 19	0 2	17 5	4 59	22 49	22 48	13 36	4 41	3 54
T 14	23 9	22 15	3 56	23 49	0 39	23 48	0 38	5 21	2 31	12 43	1 19	9 49	1 34	21 35	0 9	12 20	0 2	17 5	4 59	22 49	22 48	13 34	4 42	3 54
F 15	23 11	19 24	4 35	24 3	0 49	23 46	0 40	5 7	2 32	12 42	1 19	9 48	1 33	21 34	0 9	12 20	0 2	17 4	4 59	22 49	22 47	13 31	4 42	3 54
S 16	23 13	15 47	5 1	24 15	0 58	23 44	0 43	4 54	2 34	12 42	1 19	9 46	1 33	21 34	0 9	12 20	0 2	17 4	4 59	22 49	22 47	13 29	4 43	3 55
S 17	23 15	11 34	5 15	24 24	1 7	23 42	0 45	4 40	2 35	12 41	1 19	9 45	1 33	21 34	0 9	12 20	0 2	17 4	4 59	22 49	22 47	13 26	4 43	3 55
M18	23 16	6 55	5 15	24 30	1 15	23 38	0 47	4 27	2 37	12 40	1 18	9 43	1 33	21 33	0 9	12 20	0 2	17 4	4 58	22 49	22 46	13 24	4 44	3 55
T 19	23 17	1 59	5 1	24 34	1 23	23 34	0 49	4 13	2 39	12 40	1 18	9 42	1 33	21 33	0 9	12 21	0 2	17 4	4 58	22 49	22 46	13 22	4 44	3 55
W20	23 17	3s 6	4 34	24 35	1 30	23 29	0 51	4 0	2 40	12 39	1 18	9 40	1 33	21 33	0 9	12 21	0 2	17 4	4 58	22 49	22 46	13 19	4 45	3 55
T 21	23 17	8 10	3 53	24 33	1 36	23 24	0 53	3 46	2 42	12 38	1 18	9 38	1 33	21 32	0 9	12 21	0 2	17 4	4 58	22 49	22 46	13 17	4 45	3 55
F 22	23 17	13 2	3 1	24 29	1 42	23 17	0 55	3 33	2 44	12 38	1 17	9 37	1 33	21 32	0 9	12 21	0 2	17 4	4 58	22 49	22 45	13 15	4 46	3 56
S 23	23 16	17 27	1 57	24 22	1 47	23 11	0 57	3 20	2 45	12 38	1 17	9 35	1 33	21 32	0 9	12 22	0 2	17 4	4 58	22 49	22 45	13 12	4 46	3 56
S 24	23 15	21 6	0 46	24 13	1 51	23 3	0 59	3 6	2 47	12 37	1 17	9 33	1 33	21 31	0 9	12 22	0 2	17 4	4 58	22 49	22 45	13 10	4 47	3 56
M25	23 13	23 40	0s30	24 1	1 54	22 55	1 1	2 53	2 49	12 37	1 17	9 31	1 33	21 31	0 9	12 22	0 2	17 3	4 58	22 49	22 45	13 7	4 47	3 56
T 26	23 11	24 48	1 46	23 48	1 57	22 46	1 3	2 40	2 50	12 37	1 16	9 30	1 33	21 31	0 9	12 22	0 2	17 3	4 58	22 49	22 44	13 5	4 47	3 56
W27	23 8	24 18	2 56	23 32	1 59	22 36	1 5	2 27	2 52	12 36	1 16	9 28	1 32	21 30	0 9	12 23	0 2	17 3	4 58	22 49	22 44	13 3	4 48	3 56
T 28	23 5	22 10	3 56	23 14	2 0	22 26	1 7	2 14	2 54	12 36	1 16	9 26	1 32	21 30	0 9	12 23	0 2	17 3	4 58	22 49	22 44	13 0	4 48	3 56
F 29	23 2	18 34	4 41	22 55	2 0	22 15	1 9	2 1	2 55	12 36	1 16	9 24	1 32	21 30	0 9	12 23	0 2	17 3	4 58	22 48	22 43	12 58	4 48	3 57
S 30	22n58	13s51	5s 8	22n34	2n 0	22n 4	1n11	1s48	2s57	12s36	1n15	9n22	1n32	21s29	0n 9	12s24	0s 2	17n 3	4s57	22n48	22n43	12n56	4n49	3n57

Julian Day Number = 2873916.5, Delta T = 01h13m08s
Ecliptic obliquity = 23°17'24, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°56'04, Lahiri = 40°03'05

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ASTRODIENST EPHEMERIS for the year 3156
geocentric

JULY 3156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 37 52	10♋11'27	20♓56	28♋51	26♋43	2♈55	7°R 5	9♍38	8°R46	27°R12	18♋59	18°R33	17♊34	8♍56	3♈ 0	S 1
M 2	18 41 49	11° 8'51	5♈12	0♌34	27°56	3°31	7♏ 4	9°43	8♐44	27♒11	19° 0	18°D32	17°31	9° 3	3° 0	M 2
T 3	18 45 45	12° 6'14	19°15	2°15	29°10	4° 8	7° 4	9°48	8°42	27°10	19° 2	18♊32	17°28	9°10	3° 1	T 3
W 4	18 49 42	13° 3'37	3♉ 2	3°53	0♌23	4°44	7°D 4	9°53	8°40	27° 9	19° 3	18°33	17°25	9°16	3° 1	W 4
T 5	18 53 39	14° 0'59	16°33	5°29	1°36	5°20	7° 4	9°59	8°38	27° 8	19° 5	18°34	17°21	9°23	3°R 1	T 5
F 6	18 57 35	14°58'21	29°50	7° 2	2°50	5°55	7° 4	10° 4	8°36	27° 7	19° 6	18°35	17°18	9°30	3° 1	F 6
S 7	19 1 32	15°55'43	12♊53	8°32	4° 3	6°31	7° 5	10° 9	8°34	27° 6	19° 7	18°R36	17°15	9°37	3° 1	S 7
S 8	19 5 28	16°53'04	25°43	10° 0	5°16	7° 6	7° 6	10°15	8°32	27° 5	19° 9	18°36	17°12	9°43	3° 1	S 8
M 9	19 9 25	17°50'25	8♋21	11°26	6°30	7°41	7° 7	10°21	8°31	27° 4	19°10	18°35	17° 9	9°50	3° 0	M 9
T 10	19 13 21	18°47'46	20°47	12°48	7°43	8°16	7° 8	10°26	8°29	27° 3	19°12	18°32	17° 5	9°57	3° 0	T 10
W11	19 17 18	19°45'06	3♌ 4	14° 8	8°56	8°51	7° 9	10°32	8°27	27° 1	19°13	18°28	17° 2	10° 3	3° 0	W11
T 12	19 21 14	20°42'25	15°11	15°26	10° 9	9°26	7°10	10°38	8°26	27° 0	19°15	18°22	16°59	10°10	3° 0	T 12
F 13	19 25 11	21°39'44	27°11	16°40	11°23	10° 0	7°12	10°44	8°24	26°59	19°16	18°17	16°56	10°17	2°59	F 13
S 14	19 29 8	22°37'03	9♍ 6	17°52	12°36	10°35	7°13	10°49	8°22	26°58	19°18	18°11	16°53	10°24	2°59	S 14
S 15	19 33 4	23°34'21	20°57	19° 0	13°49	11° 8	7°15	10°55	8°21	26°56	19°19	18° 6	16°50	10°30	2°58	S 15
M16	19 37 1	24°31'38	2♎50	20° 6	15° 2	11°42	7°18	11° 1	8°19	26°55	19°21	18° 2	16°46	10°37	2°58	M16
T 17	19 40 57	25°28'55	14°48	21° 9	16°16	12°16	7°20	11° 8	8°18	26°54	19°22	18° 0	16°43	10°44	2°57	T 17
W18	19 44 54	26°26'11	26°55	22° 8	17°29	12°49	7°22	11°14	8°16	26°52	19°24	17°D59	16°40	10°50	2°57	W18
T 19	19 48 50	27°23'27	9♏15	23° 4	18°42	13°22	7°25	11°20	8°15	26°51	19°25	18° 0	16°37	10°57	2°56	T 19
F 20	19 52 47	28°20'42	21°55	23°57	19°55	13°55	7°28	11°26	8°14	26°50	19°26	18° 1	16°34	11° 4	2°55	F 20
S 21	19 56 43	29°17'57	4♐57	24°47	21° 8	14°28	7°31	11°32	8°12	26°48	19°28	18° 3	16°31	11°11	2°54	S 21
S 22	20 0 40	0♌15'12	18°24	25°33	22°21	15° 0	7°34	11°39	8°11	26°47	19°29	18°R 3	16°27	11°17	2°53	S 22
M23	20 4 37	1°12'27	2♑19	26°15	23°34	15°32	7°37	11°45	8°10	26°46	19°31	18° 2	16°24	11°24	2°52	M23
T 24	20 8 33	2° 9'41	16°40	26°53	24°47	16° 4	7°40	11°52	8° 9	26°44	19°32	18° 0	16°21	11°31	2°51	T 24
W25	20 12 30	3° 6'55	1♒22	27°28	26° 0	16°35	7°44	11°58	8° 8	26°43	19°34	17°55	16°18	11°38	2°50	W25
T 26	20 16 26	4° 4'09	16°19	27°58	27°13	17° 7	7°48	12° 5	8° 7	26°41	19°35	17°49	16°15	11°44	2°49	T 26
F 27	20 20 23	5° 1'24	1♓22	28°24	28°26	17°38	7°52	12°11	8° 6	26°40	19°36	17°42	16°11	11°51	2°48	F 27
S 28	20 24 19	5°58'38	16°22	28°46	29°39	18° 8	7°56	12°18	8° 5	26°38	19°38	17°35	16° 8	11°58	2°47	S 28
S 29	20 28 16	6°55'53	1♈ 9	29° 3	0♍52	18°39	8° 0	12°24	8° 4	26°37	19°39	17°30	16° 5	12° 4	2°46	S 29
M30	20 32 12	7°53'08	15°38	29°16	2° 5	19° 9	8° 5	12°31	8° 3	26°35	19°41	17°26	16° 2	12°11	2°45	M30
T 31	20 36 9	8♌50'23	29♈45	29♌24	3♍18	19♈38	8♏ 9	12♍38	8♐ 2	26♒34	19♋42	17♊24	15♊59	12♍18	2♈43	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n54	8s24	5s14	22n12	1n59	21n52	1n12	1s35	2s59	12s36	1n15	9n20	1n32	21s29	0n 9	12s24	0s 2	17n 3	4s57	22n48	22n43	12n53	4n49	3n57
M 2	22 50	2 34	5 1	21 48	1 57	21 39	1 14	1 22	3 0	12 36	1 15	9 18	1 32	21 29	0 8	12 24	0 2	17 3	4 57	22 48	22 42	12 51	4 49	3 57
T 3	22 45	3n18	4 31	21 23	1 54	21 26	1 15	1 9	3 2	12 37	1 15	9 16	1 32	21 29	0 8	12 25	0 2	17 2	4 57	22 48	22 42	12 48	4 49	3 57
W 4	22 39	8 55	3 45	20 57	1 50	21 12	1 17	0 57	3 4	12 37	1 14	9 14	1 32	21 28	0 8	12 25	0 2	17 2	4 57	22 48	22 42	12 46	4 49	3 57
T 5	22 33	14 1	2 47	20 30	1 46	20 57	1 18	0 44	3 5	12 37	1 14	9 12	1 32	21 28	0 8	12 25	0 2	17 2	4 57	22 48	22 42	12 43	4 50	3 58
F 6	22 27	18 20	1 41	20 2	1 42	20 42	1 20	0 32	3 7	12 37	1 14	9 10	1 32	21 28	0 8	12 26	0 2	17 2	4 57	22 48	22 41	12 41	4 50	3 58
S 7	22 21	21 41	0 31	19 34	1 36	20 26	1 21	0 19	3 9	12 38	1 14	9 8	1 32	21 27	0 8	12 26	0 2	17 2	4 57	22 48	22 41	12 39	4 50	3 58
S 8	22 14	23 52	0n39	19 4	1 30	20 10	1 23	0 7	3 10	12 38	1 13	9 6	1 32	21 27	0 8	12 27	0 2	17 2	4 57	22 48	22 41	12 36	4 50	3 58
M 9	22 7	24 48	1 46	18 35	1 23	19 53	1 24	0n 5	3 12	12 39	1 13	9 4	1 32	21 27	0 8	12 27	0 2	17 2	4 57	22 48	22 40	12 34	4 50	3 58
T 10	21 59	24 27	2 47	18 5	1 16	19 36	1 25	0 18	3 14	12 39	1 13	9 1	1 32	21 27	0 8	12 27	0 2	17 2	4 57	22 48	22 40	12 31	4 50	3 58
W11	21 51	22 54	3 39	17 34	1 8	19 18	1 26	0 30	3 15	12 40	1 13	8 59	1 32	21 26	0 8	12 28	0 2	17 1	4 57	22 48	22 40	12 29	4 50	3 58
T 12	21 42	20 20	4 21	17 3	0 59	18 59	1 27	0 42	3 17	12 41	1 12	8 57	1 32	21 26	0 8	12 28	0 2	17 1	4 57	22 47	22 39	12 26	4 50	3 59
F 13	21 34	16 55	4 50	16 33	0 50	18 40	1 28	0 54	3 19	12 42	1 12	8 55	1 31	21 26	0 8	12 29	0 2	17 1	4 57	22 47	22 39	12 24	4 50	3 59
S 14	21 24	12 51	5 7	16 2	0 41	18 21	1 29	1 5	3 20	12 42	1 12	8 52	1 31	21 26	0 8	12 29	0 2	17 1	4 57	22 46	22 39	12 21	4 50	3 59
S 15	21 15	8 19	5 10	15 31	0 31	18 1	1 30	1 17	3 22	12 43	1 12	8 50	1 31	21 25	0 8	12 30	0 2	17 1	4 57	22 46	22 39	12 19	4 50	3 59
M16	21 5	3 29	5 1	15 0	0 20	17 41	1 31	1 28	3 23	12 44	1 11	8 48	1 31	21 25	0 8	12 30	0 2	17 1	4 57	22 45	22 38	12 16	4 50	3 59
T 17	20 55	1s31	4 38	14 30	0 9	17 20	1 32	1 40	3 25	12 45	1 11	8 45	1 31	21 25	0 8	12 30	0 2	17 0	4 57	22 45	22 38	12 14	4 50	3 59
W18	20 44	6 32	4 2	14 0	0s 3	16 58	1 33	1 51	3 27	12 46	1 11	8 43	1 31	21 25	0 8	12 31	0 2	17 0	4 56	22 45	22 38	12 12	4 50	3 59
T 19	20 33	11 24	3 15	13 30	0 15	16 36	1 33	2 2	3 28	12 47	1 11	8 41	1 31	21 25	0 8	12 31	0 2	17 0	4 56	22 45	22 37	12 9	4 50	4 0
F 20	20 22	15 55	2 17	13 1	0 28	16 14	1 34	2 14	3 30	12 48	1 10	8 38	1 31	21 24	0 8	12 32	0 2	17 0	4 56	22 45	22 37	12 7	4 49	4 0
S 21	20 10	19 50	1 11	12 33	0 41	15 51	1 34	2 24	3 32	12 50	1 10	8 36	1 31	21 24	0 8	12 32	0 2	17 0	4 56	22 45	22 37	12 4	4 49	4 0
S 22	19 58	22 49	0s 2	12 5	0 54	15 28	1 35	2 35	3 33	12 51	1 10	8 33	1 31	21 24	0 8	12 33	0 2	17 0	4 56	22 45	22 36	12 2	4 49	4 0
M23	19 46	24 33	1 16	11 38	1 7	15 5	1 35	2 46	3 35	12 52	1 10	8 31	1 31	21 24	0 8	12 33	0 2	16 59	4 56	22 45	22 36	11 59	4 49	4 0
T 24	19 33	24 43	2 28	11 12	1 21	14 41	1 35	2 57	3 37	12 53	1 9	8 29	1 31	21 24	0 8	12 34	0 2	16 59	4 56	22 45	22 36	11 57	4 48	4 0
W25	19 20	23 11	3 32	10 47	1 35	14 16	1 36	3 7	3 38	12 55	1 9	8 26	1 31	21 24	0 8	12 34	0 2	16 59	4 56	22 45	22 35	11 54	4 48	4 0
T 26	19 7	20 1	4 22	10 23	1 50	13 52	1 36	3 17	3 40	12 56	1 9	8 24	1 31	21 23	0 8	12 35	0 2	16 59	4 56	22 44	22 35	11 52	4 48	4 1
F 27	18 54	15 31	4 55	10 1	2 4	13 27	1 36	3 28	3 41	12 58	1 9	8 21	1 31	21 23	0 8	12 35	0 2	16 59	4 56	22 44	22 35	11 49	4 48	4 1
S 28	18 40	10 4	5 7	9 39	2 19	13 1	1 36	3 38	3 43	12 59	1 8	8 18	1 31	21 23	0 8	12 36	0 2	16 59	4 56	22 43	22 34	11 47	4 47	4 1
S 29	18 25	4 7	4 59	9 20	2 33	12 36	1 36	3 48	3 45	13 1	1 8	8 16	1 31	21 23	0 8	12 36	0 2	16 58	4 56	22 42	22 34	11 44	4 47	4 1
M30	18 11	1n56	4 31	9 2	2 48	12 10	1 36	3 57	3 46	13 3	1 8	8 13	1 31	21 23	0 8	12 37	0 3	16 58	4 56	22 42	22 34	11 42	4 46	4 1
T 31	17n56	7n46	3s48	8n45	3s 2	11n43	1n35	4n 7	3s48	13s 4	1n 8	8n11	1n31	21s23	0n 8	12s37	0s 3	16n58	4s56	22n42	22n33	11n39	4n46	4n 1

Julian Day Number = 2873946.5, Delta T = 01h13m09s
Ecliptic obliquity = 23°17'24, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°56'08, Lahiri = 40°03'09

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ASTRODIENST EPHEMERIS for the year 3156
geocentric

AUGUST 3156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 40 6	9♌47'39	13♉29	29°R28	4♍30	20♈ 8	8♏14	12♍45	8°R 1	26°R32	19♋43	17°D23	15♊56	12♍25	2°R42	W 1
T 2	20 44 2	10°44'56	26°52	29♌26	5°43	20°37	8°19	12°52	8♐ 1	26♒31	19°45	17♊24	15°52	12°31	2♈40	T 2
F 3	20 47 59	11°42'13	9♊55	29°20	6°56	21° 6	8°24	12°59	8° 0	26°29	19°46	17°25	15°49	12°38	2°39	F 3
S 4	20 51 55	12°39'31	22°41	29° 9	8° 9	21°34	8°29	13° 5	7°59	26°27	19°48	17°R25	15°46	12°45	2°37	S 4
S 5	20 55 52	13°36'49	5♋14	28°53	9°22	22° 2	8°34	13°12	7°59	26°26	19°49	17°24	15°43	12°52	2°36	S 5
M 6	20 59 48	14°34'08	17°35	28°33	10°34	22°29	8°40	13°19	7°58	26°24	19°50	17°20	15°40	12°58	2°34	M 6
T 7	21 3 45	15°31'27	29°48	28° 8	11°47	22°57	8°45	13°27	7°58	26°23	19°52	17°13	15°37	13° 5	2°33	T 7
W 8	21 7 42	16°28'47	11♌53	27°39	13° 0	23°23	8°51	13°34	7°57	26°21	19°53	17° 4	15°33	13°12	2°31	W 8
T 9	21 11 38	17°26'07	23°53	27° 7	14°12	23°50	8°57	13°41	7°57	26°20	19°54	16°54	15°30	13°18	2°29	T 9
F 10	21 15 35	18°23'28	5♍48	26°31	15°25	24°16	9° 3	13°48	7°57	26°18	19°56	16°42	15°27	13°25	2°27	F 10
S 11	21 19 31	19°20'49	17°41	25°53	16°38	24°41	9° 9	13°55	7°56	26°16	19°57	16°31	15°24	13°32	2°26	S 11
S 12	21 23 28	20°18'10	29°32	25°12	17°50	25° 6	9°16	14° 2	7°56	26°15	19°58	16°21	15°21	13°39	2°24	S 12
M13	21 27 24	21°15'32	11♎24	24°29	19° 3	25°31	9°22	14° 9	7°56	26°13	19°59	16°12	15°17	13°45	2°22	M13
T 14	21 31 21	22°12'54	23°21	23°46	20°15	25°55	9°29	14°17	7°56	26°11	20° 1	16° 6	15°14	13°52	2°20	T 14
W15	21 35 17	23°10'17	5♏26	23° 3	21°28	26°18	9°36	14°24	7°56	26°10	20° 2	16° 2	15°11	13°59	2°18	W15
T 16	21 39 14	24° 7'40	17°44	22°20	22°40	26°42	9°43	14°31	7°D56	26° 8	20° 3	16° 1	15° 8	14° 5	2°16	T 16
F 17	21 43 10	25° 5'04	0♐20	21°39	23°53	27° 4	9°50	14°39	7°56	26° 7	20° 4	16°D 1	15° 5	14°12	2°14	F 17
S 18	21 47 7	26° 2'28	13°17	21° 0	25° 5	27°26	9°57	14°46	7°56	26° 5	20° 6	16°R 1	15° 2	14°19	2°12	S 18
S 19	21 51 4	26°59'52	26°40	20°24	26°17	27°48	10° 4	14°53	7°56	26° 3	20° 7	16° 1	14°58	14°26	2°10	S 19
M20	21 55 0	27°57'17	10♑32	19°52	27°30	28° 9	10°11	15° 1	7°56	26° 2	20° 8	15°59	14°55	14°32	2° 7	M20
T 21	21 58 57	28°54'43	24°54	19°24	28°42	28°30	10°19	15° 8	7°57	26° 0	20° 9	15°54	14°52	14°39	2° 5	T 21
W22	22 2 53	29°52'09	9♒42	19° 1	29°54	28°50	10°27	15°16	7°57	25°58	20°10	15°47	14°49	14°46	2° 3	W22
T 23	22 6 50	0♍49'36	24°49	18°43	1♎ 7	29° 9	10°34	15°23	7°57	25°57	20°12	15°38	14°46	14°53	2° 1	T 23
F 24	22 10 46	1°47'04	10♓ 7	18°31	2°19	29°28	10°42	15°31	7°58	25°55	20°13	15°28	14°42	14°59	1°58	F 24
S 25	22 14 43	2°44'33	25°23	18°D26	3°31	29°46	10°50	15°38	7°58	25°54	20°14	15°18	14°39	15° 6	1°56	S 25
S 26	22 18 39	3°42'03	10♈28	18°26	4°43	0♉ 4	10°59	15°46	7°59	25°52	20°15	15° 9	14°36	15°13	1°54	S 26
M27	22 22 36	4°39'33	25°12	18°34	5°55	0°21	11° 7	15°53	7°59	25°50	20°16	15° 2	14°33	15°19	1°51	M27
T 28	22 26 33	5°37'06	9♉29	18°49	7° 7	0°37	11°15	16° 1	8° 0	25°49	20°17	14°58	14°30	15°26	1°49	T 28
W29	22 30 29	6°34'39	23°19	19°10	8°19	0°53	11°24	16° 8	8° 0	25°47	20°18	14°56	14°27	15°33	1°46	W29
T 30	22 34 26	7°32'14	6♊42	19°38	9°31	1° 8	11°32	16°16	8° 1	25°46	20°19	14°55	14°23	15°40	1°44	T 30
F 31	22 38 22	8♍29'51	19♊41	20♌14	10♎43	1♉22	11♏41	16♍24	8♐ 2	25♒44	20♋20	14♊55	14♊20	15♍46	1♈41	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n41	13n 3	2s52	8n31	3s17	11n17	1n35	4n17	3s49	13s 6	1n 7	8n 8	1n31	21s23	0n 8	12s38	0s 3	16n58	4s56	22n42	22n33	11n37	4n46	4n 1
T 2	17 26	17 35	1 48	8 18	3 30	10 50	1 35	4 26	3 51	13 8	1 7	8 5	1 31	21 23	0 8	12 38	0 3	16 58	4 56	22 42	22 33	11 34	4 45	4 1
F 3	17 10	21 8	0 40	8 8	3 44	10 22	1 34	4 35	3 52	13 10	1 7	8 3	1 31	21 22	0 8	12 39	0 3	16 58	4 56	22 42	22 32	11 31	4 45	4 2
S 4	16 54	23 34	0n28	8 0	3 57	9 55	1 34	4 44	3 54	13 11	1 7	8 0	1 31	21 22	0 8	12 40	0 3	16 57	4 56	22 42	22 32	11 29	4 44	4 2
S 5	16 38	24 45	1 34	7 54	4 9	9 27	1 33	4 53	3 55	13 13	1 6	7 57	1 31	21 22	0 8	12 40	0 3	16 57	4 56	22 42	22 32	11 26	4 44	4 2
M 6	16 22	24 41	2 34	7 50	4 20	8 59	1 33	5 2	3 57	13 15	1 6	7 55	1 31	21 22	0 8	12 41	0 3	16 57	4 56	22 41	22 31	11 24	4 43	4 2
T 7	16 5	23 26	3 26	7 49	4 30	8 31	1 32	5 10	3 58	13 17	1 6	7 52	1 31	21 22	0 8	12 41	0 3	16 57	4 56	22 41	22 31	11 21	4 43	4 2
W 8	15 48	21 6	4 8	7 50	4 40	8 3	1 31	5 19	4 0	13 19	1 6	7 49	1 31	21 22	0 8	12 42	0 3	16 57	4 56	22 40	22 31	11 19	4 42	4 2
T 9	15 31	17 52	4 39	7 53	4 48	7 34	1 30	5 27	4 1	13 22	1 5	7 47	1 31	21 22	0 8	12 42	0 3	16 56	4 56	22 39	22 30	11 16	4 41	4 2
F 10	15 13	13 56	4 57	7 59	4 54	7 5	1 29	5 35	4 3	13 24	1 5	7 44	1 31	21 22	0 8	12 43	0 3	16 56	4 56	22 38	22 30	11 14	4 41	4 2
S 11	14 56	9 29	5 3	8 7	4 59	6 36	1 28	5 43	4 4	13 26	1 5	7 41	1 31	21 22	0 8	12 43	0 3	16 56	4 56	22 37	22 30	11 11	4 40	4 2
S 12	14 38	4 42	4 55	8 17	5 3	6 7	1 27	5 50	4 6	13 28	1 5	7 38	1 31	21 22	0 8	12 44	0 3	16 56	4 56	22 36	22 29	11 9	4 39	4 2
M13	14 20	0s16	4 34	8 29	5 5	5 38	1 26	5 58	4 7	13 30	1 5	7 36	1 31	21 22	0 8	12 45	0 3	16 56	4 56	22 35	22 29	11 6	4 39	4 2
T 14	14 1	5 16	4 2	8 43	5 5	5 8	1 25	6 5	4 8	13 33	1 4	7 33	1 31	21 22	0 8	12 45	0 3	16 56	4 56	22 34	22 29	11 3	4 38	4 3
W15	13 43	10 8	3 18	8 58	5 3	4 38	1 23	6 12	4 10	13 35	1 4	7 30	1 31	21 22	0 8	12 46	0 3	16 55	4 56	22 34	22 28	11 1	4 37	4 3
T 16	13 24	14 42	2 24	9 15	4 59	4 9	1 22	6 19	4 11	13 37	1 4	7 27	1 31	21 22	0 8	12 46	0 3	16 55	4 56	22 34	22 28	10 58	4 37	4 3
F 17	13 5	18 45	1 22	9 33	4 54	3 39	1 20	6 26	4 13	13 40	1 4	7 24	1 31	21 22	0 8	12 47	0 3	16 55	4 56	22 34	22 28	10 56	4 36	4 3
S 18	12 46	22 1	0 15	9 52	4 47	3 9	1 19	6 33	4 14	13 42	1 3	7 22	1 31	21 22	0 8	12 47	0 3	16 55	4 56	22 34	22 27	10 53	4 35	4 3
S 19	12 26	24 11	0s56	10 11	4 38	2 39	1 17	6 39	4 15	13 45	1 3	7 19	1 31	21 22	0 8	12 48	0 3	16 55	4 56	22 34	22 27	10 50	4 34	4 3
M20	12 7	24 58	2 6	10 31	4 28	2 9	1 15	6 45	4 16	13 47	1 3	7 16	1 31	21 22	0 8	12 48	0 3	16 54	4 56	22 33	22 27	10 48	4 34	4 3
T 21	11 47	24 8	3 10	10 51	4 17	1 38	1 14	6 51	4 18	13 50	1 3	7 13	1 31	21 22	0 8	12 49	0 3	16 54	4 56	22 33	22 26	10 45	4 33	4 3
W22	11 27	21 38	4 4	11 10	4 4	1 8	1 12	6 57	4 19	13 52	1 3	7 10	1 31	21 22	0 8	12 50	0 3	16 54	4 56	22 32	22 26	10 43	4 32	4 3
T 23	11 7	17 35	4 42	11 28	3 50	0 38	1 10	7 3	4 20	13 55	1 2	7 7	1 31	21 22	0 8	12 50	0 3	16 54	4 56	22 31	22 26	10 40	4 31	4 3
F 24	10 46	12 21	5 0	11 46	3 35	0 7	1 8	7 8	4 21	13 57	1 2	7 5	1 31	21 22	0 8	12 51	0 3	16 54	4 56	22 30	22 25	10 37	4 30	4 3
S 25	10 26	6 22	4 56	12 3	3 19	0s23	1 6	7 14	4 22	14 0	1 2	7 2	1 31	21 23	0 8	12 51	0 3	16 53	4 56	22 29	22 25	10 35	4 29	4 3
S 26	10 5	0 4	4 32	12 18	3 3	0 53	1 4	7 19	4 23	14 3	1 2	6 59	1 31	21 23	0 8	12 52	0 3	16 53	4 56	22 28	22 24	10 32	4 28	4 3
M27	9 45	6n 6	3 51	12 32	2 46	1 24	1 1	7 23	4 24	14 6	1 2	6 56	1 31	21 23	0 8	12 52	0 3	16 53	4 56	22 27	22 24	10 30	4 27	4 3
T 28	9 24	11 47	2 56	12 43	2 29	1 54	0 59	7 28	4 25	14 8	1 1	6 53	1 31	21 23	0 8	12 53	0 3	16 53	4 56	22 27	22 24	10 27	4 27	4 3
W29	9 3	16 41	1 52	12 53	2 12	2 24	0 57	7 33	4 26	14 11	1 1	6 50	1 31	21 23	0 8	12 53	0 3	16 53	4 56	22 27	22 23	10 24	4 26	4 3
T 30	8 41	20 35	0 43	13 1	1 55	2 55	0 55	7 37	4 27	14 14	1 1	6 47	1 31	21 23	0 8	12 54	0 3	16 53	4 56	22 27	22 23	10 22	4 25	4 3
F 31	8n20	23n19	0n25	13n 6	1s38	3s25	0n52	7n41	4s28	14s17	1n 1	6n44	1n31	21s23	0n 7	12s54	0s 3	16n52	4s56	22n27	22n23	10n19	4n24	4n 3

Julian Day Number = 2873977.5, Delta T = 01h13m09s
Ecliptic obliquity = 23°17'25, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°56'12, Lahiri = 40°03'13

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ASTRODIENST EPHEMERIS for the year 3156
geocentric

SEPTEMBER 3156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 42 19	9♍27'28	2♋20	20♌56	11♎55	1♉36	11♏50	16♍31	8♐ 3	25°R42	20♋21	14°R55	14♊17	15♍53	1°R39	S 1
S 2	22 46 15	10°25'08	14°43	21°45	13° 7	1°49	11°59	16°39	8° 4	25♒41	20°22	14♊52	14°14	16° 0	1♈36	S 2
M 3	22 50 12	11°22'48	26°55	22°41	14°19	2° 1	12° 8	16°46	8° 5	25°39	20°23	14°47	14°11	16° 6	1°34	M 3
T 4	22 54 8	12°20'30	8♌58	23°43	15°31	2°13	12°17	16°54	8° 6	25°38	20°24	14°39	14° 8	16°13	1°31	T 4
W 5	22 58 5	13°18'13	20°55	24°51	16°42	2°23	12°26	17° 2	8° 7	25°36	20°25	14°28	14° 4	16°20	1°28	W 5
T 6	23 2 2	14°15'58	2♍49	26° 6	17°54	2°33	12°35	17° 9	8° 8	25°35	20°26	14°15	14° 1	16°27	1°26	T 6
F 7	23 5 58	15°13'44	14°42	27°26	19° 6	2°43	12°45	17°17	8° 9	25°33	20°27	14° 1	13°58	16°33	1°23	F 7
S 8	23 9 55	16°11'31	26°33	28°51	20°17	2°51	12°54	17°25	8°10	25°32	20°28	13°47	13°55	16°40	1°20	S 8
S 9	23 13 51	17° 9'19	8♎26	0♍21	21°29	2°59	13° 4	17°32	8°11	25°30	20°29	13°34	13°52	16°47	1°18	S 9
M10	23 17 48	18° 7'09	20°22	1°56	22°41	3° 5	13°14	17°40	8°12	25°29	20°30	13°23	13°48	16°54	1°15	M10
T 11	23 21 44	19° 4'59	2♏22	3°35	23°52	3°11	13°24	17°48	8°14	25°27	20°31	13°15	13°45	17° 0	1°12	T 11
W12	23 25 41	20° 2'51	14°30	5°18	25° 4	3°16	13°34	17°55	8°15	25°26	20°32	13° 9	13°42	17° 7	1°10	W12
T 13	23 29 37	21° 0'45	26°50	7° 4	26°15	3°21	13°44	18° 3	8°17	25°24	20°32	13° 7	13°39	17°14	1° 7	T 13
F 14	23 33 34	21°58'39	9♐24	8°53	27°26	3°24	13°54	18°10	8°18	25°23	20°33	13°D 6	13°36	17°20	1° 4	F 14
S 15	23 37 31	22°56'35	22°18	10°44	28°38	3°27	14° 4	18°18	8°20	25°21	20°34	13°R 6	13°33	17°27	1° 1	S 15
S 16	23 41 27	23°54'32	5♑35	12°38	29°49	3°29	14°14	18°26	8°21	25°20	20°35	13° 6	13°29	17°34	0°59	S 16
M17	23 45 24	24°52'30	19°19	14°32	1♏ 0	3°30	14°25	18°33	8°23	25°19	20°36	13° 4	13°26	17°41	0°56	M17
T 18	23 49 20	25°50'30	3♒32	16°28	2°12	3°R30	14°35	18°41	8°24	25°17	20°36	13° 0	13°23	17°47	0°53	T 18
W19	23 53 17	26°48'30	18°11	18°25	3°23	3°29	14°46	18°49	8°26	25°16	20°37	12°53	13°20	17°54	0°50	W19
T 20	23 57 13	27°46'32	3♓13	20°22	4°34	3°28	14°56	18°56	8°28	25°15	20°38	12°44	13°17	18° 1	0°47	T 20
F 21	0 1 10	28°44'35	18°29	22°19	5°45	3°25	15° 7	19° 4	8°30	25°13	20°38	12°34	13°14	18° 7	0°45	F 21
S 22	0 5 6	29°42'40	3♈48	24°16	6°56	3°22	15°18	19°11	8°32	25°12	20°39	12°24	13°10	18°14	0°42	S 22
S 23	0 9 3	0♎40'47	18°59	26°13	8° 7	3°18	15°29	19°19	8°34	25°11	20°40	12°15	13° 7	18°21	0°39	S 23
M24	0 12 59	1°38'55	3♉51	28°10	9°18	3°13	15°40	19°26	8°35	25°10	20°40	12° 8	13° 4	18°28	0°36	M24
T 25	0 16 56	2°37'05	18°18	0♎ 6	10°28	3° 7	15°51	19°34	8°37	25° 8	20°41	12° 3	13° 1	18°34	0°33	T 25
W26	0 20 53	3°35'17	2♊17	2° 1	11°39	3° 1	16° 2	19°41	8°39	25° 7	20°41	12° 1	12°58	18°41	0°30	W26
T 27	0 24 49	4°33'31	15°46	3°55	12°50	2°53	16°13	19°49	8°42	25° 6	20°42	12°D 1	12°54	18°48	0°28	T 27
F 28	0 28 46	5°31'47	28°48	5°48	14° 0	2°45	16°24	19°56	8°44	25° 5	20°42	12° 1	12°51	18°55	0°25	F 28
S 29	0 32 42	6°30'05	11♋28	7°41	15°11	2°36	16°35	20° 4	8°46	25° 4	20°43	12°R 2	12°48	19° 1	0°22	S 29
S 30	0 36 39	7♎28'25	23♋50	9♎32	16♏22	2♉26	16♏47	20♍11	8♐48	25♒ 3	20♋43	12♊ 0	12♊45	19♍ 8	0♈19	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n59	24n47	1n31	13n 9	1s21	3s55	0n50	7n45	4s29	14s20	1n 1	6n41	1n31	21s23	0n 7	12s55	0s 3	16n52	4s56	22n27	22n22	10n17	4n23	4n 3
S 2	7 37	24 58	2 30	13 10	1 4	4 25	0 47	7 48	4 30	14 22	1 0	6 39	1 31	21 24	0 7	12 56	0 3	16 52	4 57	22 26	22 22	10 14	4 22	4 4
M 3	7 15	23 57	3 22	13 7	0 48	4 56	0 44	7 52	4 30	14 25	1 0	6 36	1 31	21 24	0 7	12 56	0 3	16 52	4 57	22 26	22 22	10 11	4 21	4 4
T 4	6 53	21 50	4 4	13 2	0 32	5 26	0 42	7 55	4 31	14 28	1 0	6 33	1 31	21 24	0 7	12 57	0 3	16 52	4 57	22 25	22 21	10 9	4 20	4 4
W 5	6 31	18 46	4 35	12 54	0 17	5 56	0 39	7 58	4 32	14 31	1 0	6 30	1 31	21 24	0 7	12 57	0 3	16 51	4 57	22 24	22 21	10 6	4 19	4 4
T 6	6 9	14 58	4 53	12 42	0 2	6 25	0 36	8 1	4 32	14 34	1 0	6 27	1 31	21 24	0 7	12 58	0 3	16 51	4 57	22 22	22 20	10 3	4 18	4 4
F 7	5 47	10 36	4 59	12 28	0n11	6 55	0 33	8 4	4 33	14 37	1 0	6 24	1 32	21 24	0 7	12 58	0 3	16 51	4 57	22 20	22 20	10 1	4 17	4 4
S 8	5 25	5 50	4 52	12 11	0 24	7 25	0 30	8 6	4 33	14 40	0 59	6 21	1 32	21 25	0 7	12 59	0 3	16 51	4 57	22 19	22 20	9 58	4 15	4 4
S 9	5 3	0 51	4 32	11 51	0 36	7 54	0 27	8 8	4 34	14 43	0 59	6 18	1 32	21 25	0 7	12 59	0 3	16 51	4 57	22 17	22 19	9 55	4 14	4 3
M10	4 40	4s12	4 0	11 28	0 48	8 23	0 24	8 10	4 34	14 46	0 59	6 15	1 32	21 25	0 7	13 0	0 3	16 51	4 57	22 16	22 19	9 53	4 13	4 3
T 11	4 18	9 8	3 17	11 2	0 58	8 53	0 21	8 12	4 34	14 50	0 59	6 12	1 32	21 25	0 7	13 0	0 3	16 50	4 57	22 15	22 19	9 50	4 12	4 3
W12	3 55	13 47	2 25	10 33	1 7	9 21	0 18	8 13	4 34	14 53	0 59	6 9	1 32	21 26	0 7	13 1	0 3	16 50	4 57	22 14	22 18	9 47	4 11	4 3
T 13	3 32	17 57	1 25	10 2	1 15	9 50	0 15	8 15	4 34	14 56	0 59	6 7	1 32	21 26	0 7	13 1	0 3	16 50	4 57	22 14	22 18	9 45	4 10	4 3
F 14	3 10	21 24	0 20	9 28	1 22	10 19	0 12	8 16	4 34	14 59	0 58	6 4	1 32	21 26	0 7	13 2	0 3	16 50	4 57	22 14	22 17	9 42	4 9	4 3
S 15	2 47	23 52	0s48	8 52	1 29	10 47	0 9	8 17	4 34	15 2	0 58	6 1	1 32	21 26	0 7	13 2	0 3	16 50	4 57	22 14	22 17	9 39	4 8	4 3
S 16	2 24	25 6	1 56	8 14	1 34	11 15	0 5	8 18	4 34	15 5	0 58	5 58	1 32	21 27	0 7	13 3	0 3	16 50	4 57	22 14	22 17	9 37	4 7	4 3
M17	2 1	24 52	2 59	7 34	1 38	11 43	0 2	8 18	4 34	15 8	0 58	5 55	1 32	21 27	0 7	13 3	0 3	16 49	4 57	22 14	22 16	9 34	4 5	4 3
T 18	1 39	23 2	3 53	6 52	1 42	12 11	0s 1	8 18	4 34	15 12	0 58	5 52	1 32	21 27	0 7	13 4	0 3	16 49	4 57	22 13	22 16	9 31	4 4	4 3
W19	1 16	19 38	4 34	6 9	1 44	12 38	0 5	8 19	4 33	15 15	0 58	5 49	1 32	21 27	0 7	13 4	0 3	16 49	4 57	22 12	22 15	9 29	4 3	4 3
T 20	0 53	14 53	4 57	5 25	1 46	13 5	0 8	8 19	4 33	15 18	0 57	5 46	1 32	21 28	0 7	13 4	0 3	16 49	4 57	22 11	22 15	9 26	4 2	4 3
F 21	0 30	9 8	5 0	4 40	1 47	13 32	0 12	8 18	4 32	15 21	0 57	5 43	1 33	21 28	0 7	13 5	0 3	16 49	4 57	22 10	22 15	9 23	4 1	4 3
S 22	0 7	2 48	4 41	3 54	1 47	13 59	0 15	8 18	4 31	15 25	0 57	5 40	1 33	21 28	0 7	13 5	0 3	16 49	4 57	22 8	22 14	9 21	4 0	4 3
S 23	0s16	3n39	4 2	3 7	1 46	14 25	0 19	8 17	4 31	15 28	0 57	5 38	1 33	21 29	0 7	13 6	0 3	16 49	4 58	22 7	22 14	9 18	3 58	4 3
M24	0 39	9 47	3 8	2 20	1 45	14 51	0 22	8 17	4 30	15 31	0 57	5 35	1 33	21 29	0 7	13 6	0 3	16 48	4 58	22 6	22 14	9 15	3 57	4 3
T 25	1 2	15 13	2 2	1 32	1 43	15 17	0 26	8 16	4 29	15 34	0 57	5 32	1 33	21 29	0 7	13 7	0 3	16 48	4 58	22 6	22 13	9 12	3 56	4 3
W26	1 25	19 39	0 52	0 44	1 40	15 42	0 29	8 14	4 28	15 38	0 57	5 29	1 33	21 30	0 7	13 7	0 3	16 48	4 58	22 5	22 13	9 10	3 55	4 3
T 27	1 48	22 52	0n20	0s 3	1 37	16 7	0 33	8 13	4 26	15 41	0 56	5 26	1 33	21 30	0 7	13 7	0 3	16 48	4 58	22 5	22 12	9 7	3 54	4 3
F 28	2 11	24 45	1 28	0 51	1 34	16 31	0 36	8 12	4 25	15 44	0 56	5 23	1 33	21 30	0 7	13 8	0 3	16 48	4 58	22 6	22 12	9 4	3 52	4 2
S 29	2 34	25 17	2 30	1 39	1 30	16 56	0 40	8 10	4 23	15 48	0 56	5 21	1 33	21 31	0 7	13 8	0 3	16 48	4 58	22 6	22 12	9 2	3 51	4 2
S 30	2s57	24n32	3n23	2s27	1n25	17s20	0s44	8n 8	4s22	15s51	0n56	5n18	1n33	21s31	0n 7	13s 9	0s 3	16n48	4s58	22n 5	22n11	8n59	3n50	4n 2

Julian Day Number = 2874008.5, Delta T = 01h13m10s
Ecliptic obliquity = 23°17'26, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°56'17, Lahiri = 40°03'17

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ASTRODIENST EPHEMERIS for the year 3156
geocentric

OCTOBER 3156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 40 35	8♎26'47	5♌58	11♎23	17♏32	2°R16	16♏58	20♍19	8♐50	25°R 2	20♋44	11°R57	12♊42	19♍15	0°R17	M 1
T 2	0 44 32	9°25'11	17°57	13°12	18°43	2♉ 5	17°10	20°26	8°53	25♒ 1	20°44	11♊51	12°39	19°21	0♈14	T 2
W 3	0 48 28	10°23'37	29°51	15° 1	19°53	1°53	17°21	20°33	8°55	24°59	20°45	11°42	12°35	19°28	0°11	W 3
T 4	0 52 25	11°22'05	11♍42	16°48	21° 3	1°40	17°33	20°41	8°57	24°58	20°45	11°32	12°32	19°35	0° 8	T 4
F 5	0 56 22	12°20'35	23°34	18°34	22°13	1°27	17°44	20°48	9° 0	24°58	20°45	11°21	12°29	19°42	0° 6	F 5
S 6	1 0 18	13°19'07	5♎28	20°19	23°24	1°13	17°56	20°55	9° 2	24°57	20°46	11° 9	12°26	19°48	0° 3	S 6
S 7	1 4 15	14°17'40	17°26	22° 3	24°34	0°59	18° 8	21° 3	9° 5	24°56	20°46	10°59	12°23	19°55	0° 0	S 7
M 8	1 8 11	15°16'16	29°29	23°46	25°44	0°44	18°20	21°10	9° 7	24°55	20°46	10°50	12°19	20° 2	29♓57	M 8
T 9	1 12 8	16°14'53	11♏39	25°28	26°54	0°28	18°32	21°17	9°10	24°54	20°47	10°44	12°16	20° 8	29°55	T 9
W10	1 16 4	17°13'32	23°57	27° 9	28° 4	0°12	18°44	21°24	9°12	24°53	20°47	10°40	12°13	20°15	29°52	W10
T 11	1 20 1	18°12'13	6♐25	28°49	29°14	29♈56	18°56	21°31	9°15	24°52	20°47	10°D38	12°10	20°22	29°49	T 11
F 12	1 23 57	19°10'55	19° 6	0♏29	0♐23	29°39	19° 8	21°38	9°18	24°51	20°47	10°39	12° 7	20°29	29°47	F 12
S 13	1 27 54	20° 9'40	2♑ 3	2° 7	1°33	29°22	19°20	21°45	9°21	24°51	20°48	10°40	12° 4	20°35	29°44	S 13
S 14	1 31 51	21° 8'25	15°19	3°44	2°43	29° 5	19°32	21°52	9°23	24°50	20°48	10°R41	12° 0	20°42	29°42	S 14
M15	1 35 47	22° 7'13	28°57	5°20	3°52	28°48	19°44	21°59	9°26	24°49	20°48	10°40	11°57	20°49	29°39	M15
T 16	1 39 44	23° 6'02	12♒59	6°55	5° 2	28°30	19°57	22° 6	9°29	24°49	20°48	10°39	11°54	20°56	29°37	T 16
W17	1 43 40	24° 4'53	27°23	8°30	6°11	28°12	20° 9	22°13	9°32	24°48	20°48	10°35	11°51	21° 2	29°34	W17
T 18	1 47 37	25° 3'45	12♓ 7	10° 3	7°20	27°55	20°21	22°20	9°35	24°47	20°48	10°30	11°48	21° 9	29°32	T 18
F 19	1 51 33	26° 2'39	27° 6	11°36	8°29	27°37	20°34	22°27	9°38	24°47	20°48	10°23	11°45	21°16	29°29	F 19
S 20	1 55 30	27° 1'35	12♈10	13° 8	9°38	27°19	20°46	22°34	9°41	24°46	20°48	10°16	11°41	21°22	29°27	S 20
S 21	1 59 26	28° 0'33	27°11	14°39	10°47	27° 1	20°59	22°40	9°44	24°46	20°R48	10°10	11°38	21°29	29°24	S 21
M22	2 3 23	28°59'32	11♉59	16° 9	11°56	26°44	21°11	22°47	9°47	24°45	20°48	10° 6	11°35	21°36	29°22	M22
T 23	2 7 20	29°58'34	26°26	17°39	13° 5	26°27	21°24	22°54	9°50	24°45	20°48	10° 3	11°32	21°43	29°20	T 23
W24	2 11 16	0♏57'38	10♊28	19° 7	14°14	26° 9	21°36	23° 0	9°53	24°44	20°48	10°D 3	11°29	21°49	29°18	W24
T 25	2 15 13	1°56'44	24° 3	20°35	15°22	25°52	21°49	23° 7	9°56	24°44	20°48	10° 3	11°25	21°56	29°15	T 25
F 26	2 19 9	2°55'53	7♋12	22° 1	16°31	25°36	22° 2	23°13	9°59	24°43	20°48	10° 5	11°22	22° 3	29°13	F 26
S 27	2 23 6	3°55'03	19°56	23°27	17°39	25°20	22°14	23°20	10° 2	24°43	20°48	10° 6	11°19	22° 9	29°11	S 27
S 28	2 27 2	4°54'16	2♌21	24°52	18°47	25° 4	22°27	23°26	10° 5	24°43	20°48	10°R 7	11°16	22°16	29° 9	S 28
M29	2 30 59	5°53'31	14°31	26°16	19°55	24°48	22°40	23°33	10° 9	24°43	20°48	10° 7	11°13	22°23	29° 7	M29
T 30	2 34 55	6°52'48	26°30	27°39	21° 3	24°33	22°53	23°39	10°12	24°42	20°47	10° 5	11°10	22°30	29° 5	T 30
W31	2 38 52	7♏52'08	8♍24	29♏ 1	22♐11	24♈19	23♏ 5	23♍45	10♐15	24♒42	20♋47	10♊ 2	11♊ 6	22♍36	29♓ 3	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s20	22n38	4n 6	3s14	1n21	17s43	0s47	8n 6	4s20	15s54	0n56	5n15	1n33	21s31	0n 7	13s 9	0s 3	16n48	4s58	22n 5	22n11	8n56	3n49	4n 2
T 2	3 43	19 46	4 38	4 1	1 16	18 6	0 51	8 4	4 18	15 58	0 56	5 12	1 34	21 32	0 7	13 9	0 3	16 47	4 58	22 4	22 10	8 53	3 48	4 2
W 3	4 5	16 5	4 57	4 48	1 10	18 29	0 55	8 2	4 16	16 1	0 56	5 9	1 34	21 32	0 7	13 10	0 3	16 47	4 58	22 3	22 10	8 51	3 46	4 2
T 4	4 28	11 48	5 3	5 34	1 5	18 51	0 58	8 0	4 14	16 4	0 55	5 7	1 34	21 32	0 7	13 10	0 3	16 47	4 58	22 2	22 10	8 48	3 45	4 2
F 5	4 51	7 5	4 57	6 20	0 59	19 13	1 2	7 58	4 12	16 8	0 55	5 4	1 34	21 33	0 7	13 10	0 3	16 47	4 58	22 0	22 9	8 45	3 44	4 2
S 6	5 14	2 5	4 37	7 5	0 52	19 34	1 6	7 55	4 10	16 11	0 55	5 1	1 34	21 33	0 7	13 11	0 3	16 47	4 58	21 58	22 9	8 42	3 43	4 2
S 7	5 36	3s 2	4 5	7 49	0 46	19 55	1 10	7 53	4 7	16 14	0 55	4 58	1 34	21 34	0 7	13 11	0 3	16 47	4 58	21 57	22 8	8 40	3 42	4 1
M 8	5 59	8 4	3 22	8 33	0 40	20 15	1 13	7 50	4 4	16 18	0 55	4 56	1 34	21 34	0 7	13 11	0 3	16 47	4 58	21 56	22 8	8 37	3 41	4 1
T 9	6 21	12 52	2 29	9 17	0 33	20 35	1 17	7 47	4 2	16 21	0 55	4 53	1 34	21 34	0 7	13 12	0 3	16 47	4 58	21 55	22 7	8 34	3 39	4 1
W10	6 43	17 13	1 28	9 59	0 26	20 55	1 21	7 44	3 59	16 25	0 55	4 50	1 35	21 35	0 7	13 12	0 3	16 47	4 59	21 54	22 7	8 32	3 38	4 1
T 11	7 6	20 52	0 23	10 41	0 19	21 14	1 24	7 42	3 56	16 28	0 55	4 48	1 35	21 35	0 7	13 12	0 3	16 46	4 59	21 54	22 7	8 29	3 37	4 1
F 12	7 28	23 36	0s45	11 23	0 12	21 32	1 28	7 39	3 53	16 31	0 55	4 45	1 35	21 36	0 7	13 12	0 3	16 46	4 59	21 54	22 6	8 26	3 36	4 1
S 13	7 50	25 9	1 53	12 3	0 5	21 50	1 31	7 36	3 50	16 35	0 54	4 42	1 35	21 36	0 7	13 13	0 3	16 46	4 59	21 54	22 6	8 23	3 35	4 0
S 14	8 12	25 20	2 56	12 43	0s 2	22 8	1 35	7 33	3 46	16 38	0 54	4 40	1 35	21 37	0 7	13 13	0 3	16 46	4 59	21 54	22 5	8 20	3 33	4 0
M15	8 34	24 0	3 50	13 22	0 9	22 24	1 39	7 30	3 43	16 41	0 54	4 37	1 35	21 37	0 7	13 13	0 3	16 46	4 59	21 54	22 5	8 18	3 32	4 0
T 16	8 55	21 11	4 33	14 0	0 16	22 41	1 42	7 27	3 39	16 45	0 54	4 34	1 35	21 37	0 7	13 13	0 3	16 46	4 59	21 54	22 5	8 15	3 31	4 0
W17	9 17	17 0	5 0	14 37	0 24	22 57	1 46	7 25	3 36	16 48	0 54	4 32	1 35	21 38	0 7	13 14	0 3	16 46	4 59	21 54	22 4	8 12	3 30	4 0
T 18	9 39	11 43	5 8	15 14	0 31	23 12	1 49	7 22	3 32	16 52	0 54	4 29	1 36	21 38	0 7	13 14	0 3	16 46	4 59	21 53	22 4	8 9	3 29	4 0
F 19	10 0	5 40	4 55	15 50	0 38	23 26	1 53	7 19	3 28	16 55	0 54	4 27	1 36	21 39	0 7	13 14	0 3	16 46	4 59	21 52	22 3	8 7	3 28	3 59
S 20	10 21	0n45	4 22	16 24	0 45	23 40	1 56	7 17	3 24	16 58	0 54	4 24	1 36	21 39	0 7	13 14	0 3	16 46	4 59	21 51	22 3	8 4	3 27	3 59
S 21	10 42	7 7	3 31	16 58	0 53	23 54	2 0	7 14	3 20	17 2	0 54	4 22	1 36	21 40	0 7	13 14	0 3	16 46	4 59	21 50	22 2	8 1	3 26	3 59
M22	11 3	13 1	2 26	17 31	1 0	24 7	2 3	7 12	3 16	17 5	0 54	4 19	1 36	21 40	0 7	13 15	0 3	16 46	4 59	21 50	22 2	7 58	3 24	3 59
T 23	11 24	18 3	1 13	18 4	1 7	24 19	2 6	7 10	3 12	17 8	0 53	4 17	1 36	21 41	0 7	13 15	0 3	16 46	4 59	21 49	22 2	7 56	3 23	3 59
W24	11 44	21 55	0n 2	18 35	1 14	24 30	2 9	7 7	3 7	17 12	0 53	4 14	1 37	21 41	0 7	13 15	0 3	16 45	4 59	21 49	22 1	7 53	3 22	3 59
T 25	12 5	24 25	1 15	19 5	1 21	24 42	2 13	7 5	3 3	17 15	0 53	4 12	1 37	21 41	0 7	13 15	0 3	16 45	4 59	21 49	22 1	7 50	3 21	3 58
F 26	12 25	25 28	2 22	19 34	1 28	24 52	2 16	7 4	2 59	17 18	0 53	4 10	1 37	21 42	0 7	13 15	0 3	16 45	5 0	21 49	22 0	7 47	3 20	3 58
S 27	12 45	25 7	3 20	20 3	1 34	25 2	2 19	7 2	2 54	17 22	0 53	4 7	1 37	21 42	0 7	13 15	0 3	16 45	5 0	21 50	22 0	7 44	3 19	3 58
S 28	13 5	23 31	4 7	20 30	1 41	25 11	2 22	7 0	2 50	17 25	0 53	4 5	1 37	21 43	0 7	13 15	0 3	16 45	5 0	21 50	21 59	7 42	3 18	3 58
M29	13 24	20 52	4 41	20 56	1 47	25 19	2 25	6 59	2 45	17 28	0 53	4 2	1 37	21 43	0 7	13 15	0 3	16 45	5 0	21 50	21 59	7 39	3 17	3 57
T 30	13 44	17 21	5 3	21 22	1 54	25 27	2 28	6 58	2 41	17 31	0 53	4 0	1 38	21 44	0 7	13 16	0 3	16 45	5 0	21 49	21 59	7 36	3 16	3 57
W31	14s 3	13n11	5n12	21s46	2s 0	25s34	2s31	6n57	2s36	17s35	0n53	3n58	1n38	21s44	0n 7	13s16	0s 3	16n45	5s 0	21n49	21n58	7n33	3n15	3n57

Julian Day Number = 2874038.5, Delta T = 01h13m11s
Ecliptic obliquity = 23°17'26, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°56'21, Lahiri = 40°03'21

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ASTRODIENST EPHEMERIS for the year 3156
geocentric

NOVEMBER 3156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 42 49	8♏51'29	20♍15	0♐22	23♐19	24°R 5	23♏18	23♍51	10♐18	24°R42	20°R47	9°R57	11♊ 3	22♍43	29°R 1	T 1
F 2	2 46 45	9°50'53	2♎ 8	1°42	24°27	23♈51	23°31	23°57	10°22	24♒42	20♋47	9♊52	11° 0	22°50	28♓59	F 2
S 3	2 50 42	10°50'19	14° 6	3° 1	25°34	23°39	23°44	24° 3	10°25	24°42	20°46	9°46	10°57	22°57	28°57	S 3
S 4	2 54 38	11°49'47	26°11	4°19	26°42	23°26	23°57	24° 9	10°29	24°42	20°46	9°41	10°54	23° 3	28°55	S 4
M 5	2 58 35	12°49'17	8♏25	5°35	27°49	23°15	24°10	24°15	10°32	24°42	20°46	9°37	10°51	23°10	28°53	M 5
T 6	3 2 31	13°48'50	20°48	6°50	28°56	23° 4	24°23	24°21	10°35	24°D42	20°45	9°35	10°47	23°17	28°51	T 6
W 7	3 6 28	14°48'24	3♐22	8° 4	0♑ 3	22°54	24°36	24°27	10°39	24°42	20°45	9°D33	10°44	23°23	28°50	W 7
T 8	3 10 24	15°48'00	16° 8	9°16	1°10	22°45	24°49	24°33	10°42	24°42	20°45	9°33	10°41	23°30	28°48	T 8
F 9	3 14 21	16°47'38	29° 6	10°26	2°17	22°36	25° 2	24°38	10°46	24°42	20°44	9°34	10°38	23°37	28°46	F 9
S 10	3 18 18	17°47'17	12♑17	11°34	3°23	22°28	25°15	24°44	10°49	24°42	20°44	9°36	10°35	23°44	28°45	S 10
S 11	3 22 14	18°46'59	25°43	12°40	4°29	22°21	25°28	24°50	10°53	24°42	20°43	9°37	10°31	23°50	28°43	S 11
M12	3 26 11	19°46'42	9♒24	13°44	5°36	22°15	25°41	24°55	10°56	24°42	20°43	9°38	10°28	23°57	28°42	M12
T 13	3 30 7	20°46'26	23°21	14°45	6°42	22°10	25°54	25° 1	11° 0	24°43	20°42	9°R39	10°25	24° 4	28°40	T 13
W14	3 34 4	21°46'12	7♓32	15°43	7°47	22° 5	26° 7	25° 6	11° 3	24°43	20°42	9°38	10°22	24°10	28°39	W14
T 15	3 38 0	22°46'00	21°57	16°38	8°53	22° 1	26°20	25°11	11° 7	24°43	20°41	9°37	10°19	24°17	28°37	T 15
F 16	3 41 57	23°45'49	6♈30	17°30	9°58	21°58	26°33	25°16	11°11	24°43	20°41	9°35	10°16	24°24	28°36	F 16
S 17	3 45 53	24°45'40	21° 8	18°17	11° 3	21°56	26°46	25°21	11°14	24°44	20°40	9°33	10°12	24°31	28°35	S 17
S 18	3 49 50	25°45'33	5♉45	19° 1	12° 8	21°55	26°59	25°26	11°18	24°44	20°39	9°31	10° 9	24°37	28°34	S 18
M19	3 53 47	26°45'27	20°13	19°39	13°13	21°D54	27°13	25°31	11°22	24°45	20°39	9°30	10° 6	24°44	28°33	M19
T 20	3 57 43	27°45'23	4♊26	20°12	14°18	21°54	27°26	25°36	11°25	24°45	20°38	9°D29	10° 3	24°51	28°31	T 20
W21	4 1 40	28°45'21	18°21	20°39	15°22	21°55	27°39	25°41	11°29	24°46	20°37	9°29	10° 0	24°57	28°30	W21
T 22	4 5 36	29°45'21	1♋53	21° 0	16°26	21°57	27°52	25°46	11°33	24°46	20°37	9°30	9°57	25° 4	28°29	T 22
F 23	4 9 33	0♐45'24	15° 3	21°13	17°30	22° 0	28° 5	25°50	11°36	24°47	20°36	9°31	9°53	25°11	28°29	F 23
S 24	4 13 29	1°45'28	27°52	21°R18	18°33	22° 3	28°18	25°55	11°40	24°47	20°35	9°32	9°50	25°18	28°28	S 24
S 25	4 17 26	2°45'34	10♌20	21°15	19°36	22° 7	28°31	25°59	11°44	24°48	20°35	9°32	9°47	25°24	28°27	S 25
M26	4 21 22	3°45'42	22°33	21° 3	20°39	22°12	28°44	26° 4	11°47	24°49	20°34	9°33	9°44	25°31	28°26	M26
T 27	4 25 19	4°45'52	4♍35	20°41	21°42	22°17	28°57	26° 8	11°51	24°49	20°33	9°R33	9°41	25°38	28°25	T 27
W28	4 29 16	5°46'03	16°29	20° 9	22°44	22°24	29°11	26°12	11°55	24°50	20°32	9°33	9°37	25°44	28°25	W28
T 29	4 33 12	6°46'17	28°21	19°28	23°46	22°31	29°24	26°16	11°59	24°51	20°32	9°33	9°34	25°51	28°24	T 29
F 30	4 37 9	7♐46'33	10♎15	18♐36	24♑48	22♈38	29♏37	26♍20	12♐ 2	24♒52	20♋31	9♊32	9♊31	25♍58	28♓24	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s22	8n33	5n 7	22s 9	2s 6	25s41	2s34	6n56	2s32	17s38	0n53	3n56	1n38	21s45	0n 7	13s16	0s 3	16n45	5s 0	21n48	21n58	7n30	3n14	3n57
F 2	14 41	3 35	4 49	22 31	2 11	25 47	2 36	6 55	2 27	17 41	0 53	3 53	1 38	21 45	0 7	13 16	0 3	16 45	5 0	21 47	21 57	7 27	3 13	3 57
S 3	14 59	1s34	4 18	22 52	2 17	25 52	2 39	6 55	2 23	17 45	0 53	3 51	1 38	21 46	0 7	13 16	0 3	16 45	5 0	21 47	21 57	7 25	3 12	3 56
S 4	15 17	6 42	3 35	23 12	2 22	25 57	2 42	6 55	2 18	17 48	0 52	3 49	1 38	21 46	0 7	13 16	0 3	16 45	5 0	21 46	21 56	7 22	3 11	3 56
M 5	15 35	11 39	2 43	23 31	2 27	26 0	2 44	6 55	2 13	17 51	0 52	3 47	1 39	21 47	0 7	13 16	0 3	16 45	5 0	21 45	21 56	7 19	3 10	3 56
T 6	15 53	16 13	1 41	23 49	2 32	26 4	2 47	6 55	2 9	17 54	0 52	3 45	1 39	21 47	0 7	13 16	0 3	16 45	5 0	21 45	21 55	7 16	3 9	3 56
W 7	16 11	20 8	0 34	24 5	2 36	26 6	2 49	6 55	2 4	17 57	0 52	3 42	1 39	21 48	0 6	13 16	0 3	16 45	5 0	21 45	21 55	7 13	3 8	3 55
T 8	16 28	23 10	0s36	24 20	2 40	26 8	2 51	6 56	2 0	18 1	0 52	3 40	1 39	21 48	0 6	13 16	0 3	16 45	5 0	21 45	21 55	7 11	3 7	3 55
F 9	16 45	25 3	1 45	24 35	2 44	26 9	2 53	6 57	1 55	18 4	0 52	3 38	1 39	21 49	0 6	13 16	0 4	16 45	5 0	21 45	21 54	7 8	3 7	3 55
S 10	17 2	25 33	2 51	24 47	2 47	26 10	2 55	6 58	1 51	18 7	0 52	3 36	1 40	21 49	0 6	13 16	0 4	16 45	5 0	21 45	21 54	7 5	3 6	3 55
S 11	17 18	24 36	3 48	24 59	2 50	26 10	2 57	7 0	1 47	18 10	0 52	3 34	1 40	21 50	0 6	13 16	0 4	16 45	5 0	21 45	21 53	7 2	3 5	3 54
M12	17 34	22 10	4 33	25 9	2 52	26 9	2 59	7 2	1 42	18 13	0 52	3 32	1 40	21 50	0 6	13 16	0 4	16 45	5 0	21 45	21 53	6 59	3 4	3 54
T 13	17 50	18 25	5 3	25 18	2 54	26 8	3 1	7 4	1 38	18 16	0 52	3 30	1 40	21 51	0 6	13 16	0 4	16 45	5 1	21 46	21 52	6 56	3 3	3 54
W14	18 6	13 34	5 15	25 26	2 55	26 6	3 3	7 6	1 34	18 19	0 52	3 28	1 40	21 51	0 6	13 16	0 4	16 45	5 1	21 45	21 52	6 54	3 2	3 54
T 15	18 21	7 54	5 8	25 33	2 56	26 3	3 4	7 9	1 29	18 22	0 52	3 27	1 41	21 52	0 6	13 15	0 4	16 45	5 1	21 45	21 51	6 51	3 2	3 53
F 16	18 36	1 45	4 41	25 38	2 56	26 0	3 6	7 11	1 25	18 26	0 52	3 25	1 41	21 52	0 6	13 15	0 4	16 45	5 1	21 45	21 51	6 48	3 1	3 53
S 17	18 50	4n32	3 56	25 41	2 55	25 56	3 7	7 14	1 21	18 29	0 52	3 23	1 41	21 53	0 6	13 15	0 4	16 45	5 1	21 45	21 50	6 45	3 0	3 53
S 18	19 5	10 35	2 56	25 43	2 54	25 52	3 8	7 18	1 17	18 32	0 52	3 21	1 41	21 53	0 6	13 15	0 4	16 45	5 1	21 44	21 50	6 42	3 0	3 53
M19	19 19	16 0	1 45	25 44	2 51	25 47	3 9	7 21	1 13	18 35	0 52	3 19	1 41	21 54	0 6	13 15	0 4	16 45	5 1	21 44	21 50	6 39	2 59	3 52
T 20	19 32	20 26	0 28	25 43	2 48	25 41	3 10	7 25	1 9	18 38	0 52	3 18	1 42	21 54	0 6	13 15	0 4	16 45	5 1	21 44	21 49	6 36	2 58	3 52
W21	19 45	23 36	0n49	25 41	2 43	25 34	3 11	7 29	1 5	18 41	0 51	3 16	1 42	21 55	0 6	13 15	0 4	16 46	5 1	21 44	21 49	6 34	2 58	3 52
T 22	19 58	25 18	2 1	25 36	2 38	25 27	3 12	7 33	1 1	18 44	0 51	3 14	1 42	21 55	0 6	13 15	0 4	16 46	5 1	21 44	21 48	6 31	2 57	3 52
F 23	20 11	25 30	3 5	25 30	2 31	25 20	3 12	7 38	0 57	18 47	0 51	3 13	1 42	21 56	0 6	13 14	0 4	16 46	5 1	21 44	21 48	6 28	2 56	3 51
S 24	20 23	24 20	3 57	25 22	2 22	25 12	3 13	7 42	0 54	18 49	0 51	3 11	1 43	21 56	0 6	13 14	0 4	16 46	5 1	21 44	21 47	6 25	2 56	3 51
S 25	20 35	21 59	4 37	25 13	2 13	25 3	3 13	7 47	0 50	18 52	0 51	3 10	1 43	21 57	0 6	13 14	0 4	16 46	5 1	21 45	21 47	6 22	2 55	3 51
M26	20 46	18 41	5 3	25 1	2 1	24 54	3 13	7 52	0 46	18 55	0 51	3 8	1 43	21 57	0 6	13 14	0 4	16 46	5 1	21 45	21 46	6 19	2 55	3 50
T 27	20 57	14 40	5 16	24 46	1 49	24 44	3 13	7 58	0 43	18 58	0 51	3 6	1 43	21 58	0 6	13 13	0 4	16 46	5 1	21 45	21 46	6 16	2 54	3 50
W28	21 8	10 8	5 15	24 30	1 34	24 33	3 13	8 3	0 39	19 1	0 51	3 5	1 43	21 58	0 6	13 13	0 4	16 46	5 1	21 45	21 45	6 13	2 53	3 50
T 29	21 18	5 15	5 0	24 11	1 18	24 22	3 12	8 9	0 36	19 4	0 51	3 4	1 44	21 59	0 6	13 13	0 4	16 46	5 1	21 45	21 45	6 11	2 53	3 50
F 30	21s28	0n 9	4n33	23s49	1s 1	24s11	3s12	8n15	0s33	19s 7	0n51	3n 2	1n44	21s59	0n 6	13s13	0s 4	16n46	5s 1	21n45	21n44	6n 8	2n53	3n49

Julian Day Number = 2874069.5, Delta T = 01h13m11s
Ecliptic obliquity = 23°17'26, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°56'25, Lahiri = 40°03'26

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ASTRODIENST EPHEMERIS for the year 3156
geocentric

DECEMBER 3156 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 41 5	8♐46'51	22♎16	17°R36	25♑49	22♈47	29♏50	26♍24	12♐ 6	24♒52	20°R30	9°R32	9♊28	26♍ 5	28°R23	S 1
S 2	4 45 2	9°47'10	4♏26	16♐27	26°50	22°56	0♐ 3	26°28	12°10	24°53	20♋29	9°D32	9°25	26°11	28♓23	S 2
M 3	4 48 58	10°47'32	16°49	15°12	27°51	23° 6	0°16	26°32	12°13	24°54	20°28	9♊32	9°22	26°18	28°22	M 3
T 4	4 52 55	11°47'55	29°27	13°53	28°51	23°17	0°29	26°36	12°17	24°55	20°27	9°32	9°18	26°25	28°22	T 4
W 5	4 56 51	12°48'20	12♐20	12°32	29°51	23°28	0°42	26°39	12°21	24°56	20°26	9°R32	9°15	26°32	28°22	W 5
T 6	5 0 48	13°48'46	25°28	11°12	0♒50	23°40	0°55	26°43	12°25	24°57	20°25	9°32	9°12	26°38	28°22	T 6
F 7	5 4 45	14°49'14	8♑51	9°55	1°49	23°52	1° 8	26°46	12°28	24°58	20°24	9°32	9° 9	26°45	28°21	F 7
S 8	5 8 41	15°49'43	22°28	8°45	2°48	24° 5	1°21	26°49	12°32	24°59	20°24	9°31	9° 6	26°52	28°21	S 8
S 9	5 12 38	16°50'14	6♒16	7°42	3°46	24°19	1°34	26°52	12°36	25° 0	20°23	9°30	9° 3	26°58	28°D21	S 9
M10	5 16 34	17°50'46	20°13	6°49	4°44	24°34	1°46	26°56	12°40	25° 1	20°22	9°29	8°59	27° 5	28°21	M10
T 11	5 20 31	18°51'19	4♓17	6° 7	5°41	24°49	1°59	26°59	12°43	25° 3	20°21	9°29	8°56	27°12	28°21	T 11
W12	5 24 27	19°51'53	18°26	5°37	6°38	25° 4	2°12	27° 1	12°47	25° 4	20°20	9°D28	8°53	27°19	28°22	W12
T 13	5 28 24	20°52'28	2♈39	5°18	7°34	25°20	2°25	27° 4	12°51	25° 5	20°19	9°29	8°50	27°25	28°22	T 13
F 14	5 32 20	21°53'04	16°51	5°D11	8°30	25°37	2°38	27° 7	12°55	25° 6	20°18	9°29	8°47	27°32	28°22	F 14
S 15	5 36 17	22°53'41	1♉ 2	5°14	9°25	25°54	2°50	27° 9	12°58	25° 7	20°16	9°30	8°43	27°39	28°22	S 15
S 16	5 40 14	23°54'19	15° 9	5°28	10°19	26°12	3° 3	27°12	13° 2	25° 9	20°15	9°31	8°40	27°45	28°23	S 16
M17	5 44 10	24°54'59	29° 8	5°51	11°13	26°30	3°16	27°14	13° 6	25°10	20°14	9°32	8°37	27°52	28°23	M17
T 18	5 48 7	25°55'39	12♊56	6°23	12° 6	26°49	3°28	27°17	13° 9	25°11	20°13	9°R33	8°34	27°59	28°24	T 18
W19	5 52 3	26°56'21	26°31	7° 2	12°58	27° 8	3°41	27°19	13°13	25°13	20°12	9°32	8°31	28° 6	28°24	W19
T 20	5 56 0	27°57'04	9♋51	7°49	13°50	27°28	3°54	27°21	13°17	25°14	20°11	9°30	8°28	28°12	28°25	T 20
F 21	5 59 56	28°57'48	22°53	8°41	14°41	27°48	4° 6	27°23	13°20	25°16	20°10	9°28	8°24	28°19	28°25	F 21
S 22	6 3 53	29°58'34	5♌38	9°38	15°31	28° 9	4°19	27°25	13°24	25°17	20° 9	9°24	8°21	28°26	28°26	S 22
S 23	6 7 50	0♍59'20	18° 7	10°40	16°21	28°30	4°31	27°26	13°28	25°19	20° 8	9°21	8°18	28°32	28°27	S 23
M24	6 11 46	2° 0'08	0♎21	11°46	17° 9	28°51	4°44	27°28	13°31	25°20	20° 7	9°18	8°15	28°39	28°28	M24
T 25	6 15 43	3° 0'57	12°23	12°55	17°57	29°13	4°56	27°30	13°35	25°22	20° 5	9°15	8°12	28°46	28°29	T 25
W26	6 19 39	4° 1'48	24°18	14° 8	18°44	29°35	5° 8	27°31	13°38	25°23	20° 4	9°13	8° 9	28°53	28°30	W26
T 27	6 23 36	5° 2'39	6♏10	15°23	19°30	29°58	5°20	27°32	13°42	25°25	20° 3	9°D13	8° 5	28°59	28°31	T 27
F 28	6 27 32	6° 3'32	18° 3	16°40	20°15	0♉21	5°33	27°33	13°45	25°26	20° 2	9°14	8° 2	29° 6	28°32	F 28
S 29	6 31 29	7° 4'26	0♏ 3	17°59	20°58	0°45	5°45	27°35	13°49	25°28	20° 1	9°15	7°59	29°13	28°33	S 29
S 30	6 35 25	8° 5'22	12°15	19°20	21°41	1° 8	5°57	27°35	13°52	25°30	20° 0	9°17	7°56	29°19	28°34	S 30
M31	6 39 22	9♑ 6'18	24♏42	20♐42	22♒23	1♉33	6♐ 9	27♍36	13♐56	25♒31	19♋58	9♊18	7♊53	29♍26	28♓35	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s38	5s 0	3n53	23s25	0s43	23s59	3s11	8n21	0s29	19s 9	0n51	3n 1	1n44	22s 0	0n 6	13s12	0s 4	16n46	5s 1	21n45	21n44	6n 5	2n52	3n49
S 2	21 47	10 3	3 3	22 59	0 23	23 47	3 11	8 28	0 26	19 12	0 51	3 0	1 44	22 0	0 6	13 12	0 4	16 46	5 1	21 45	21 43	6 2	2 52	3 49
M 3	21 55	14 48	2 3	22 31	0 3	23 34	3 10	8 34	0 23	19 15	0 51	2 58	1 45	22 1	0 6	13 12	0 4	16 46	5 1	21 45	21 43	5 59	2 51	3 48
T 4	22 4	19 0	0 56	22 2	0n18	23 20	3 8	8 41	0 20	19 18	0 51	2 57	1 45	22 1	0 6	13 12	0 4	16 47	5 1	21 45	21 43	5 56	2 51	3 48
W 5	22 12	22 23	0s15	21 32	0 38	23 6	3 7	8 48	0 17	19 20	0 51	2 56	1 45	22 2	0 6	13 11	0 4	16 47	5 1	21 45	21 42	5 53	2 50	3 48
T 6	22 19	24 40	1 27	21 2	0 58	22 52	3 6	8 55	0 14	19 23	0 51	2 55	1 45	22 2	0 6	13 11	0 4	16 47	5 1	21 45	21 42	5 50	2 50	3 48
F 7	22 26	25 35	2 35	20 33	1 16	22 37	3 4	9 2	0 11	19 26	0 51	2 54	1 46	22 3	0 6	13 11	0 4	16 47	5 1	21 45	21 41	5 47	2 50	3 47
S 8	22 33	24 59	3 36	20 5	1 33	22 22	3 2	9 10	0 8	19 28	0 51	2 53	1 46	22 3	0 6	13 10	0 4	16 47	5 1	21 44	21 41	5 45	2 50	3 47
S 9	22 39	22 52	4 25	19 41	1 48	22 6	3 0	9 17	0 6	19 31	0 51	2 52	1 46	22 4	0 6	13 10	0 4	16 47	5 1	21 44	21 40	5 42	2 49	3 47
M10	22 44	19 23	4 59	19 19	2 1	21 50	2 58	9 25	0 3	19 33	0 51	2 51	1 46	22 4	0 6	13 10	0 4	16 47	5 1	21 44	21 40	5 39	2 49	3 46
T 11	22 50	14 46	5 15	19 2	2 12	21 34	2 55	9 33	0 0	19 36	0 51	2 50	1 47	22 5	0 6	13 9	0 4	16 47	5 1	21 44	21 39	5 36	2 49	3 46
W12	22 54	9 21	5 13	18 48	2 21	21 17	2 53	9 41	0n 2	19 38	0 51	2 49	1 47	22 5	0 6	13 9	0 4	16 48	5 1	21 44	21 39	5 33	2 49	3 46
T 13	22 59	3 25	4 51	18 38	2 27	21 0	2 50	9 49	0 5	19 41	0 51	2 48	1 47	22 6	0 6	13 8	0 4	16 48	5 1	21 44	21 38	5 30	2 48	3 46
F 14	23 3	2n42	4 12	18 32	2 32	20 43	2 47	9 57	0 7	19 43	0 51	2 47	1 47	22 6	0 6	13 8	0 4	16 48	5 1	21 44	21 38	5 27	2 48	3 45
S 15	23 6	8 41	3 17	18 30	2 35	20 25	2 43	10 6	0 10	19 46	0 51	2 46	1 48	22 7	0 6	13 8	0 4	16 48	5 1	21 44	21 37	5 24	2 48	3 45
S 16	23 9	14 11	2 11	18 31	2 36	20 7	2 40	10 14	0 12	19 48	0 51	2 46	1 48	22 7	0 6	13 7	0 4	16 48	5 1	21 44	21 37	5 21	2 48	3 45
M17	23 12	18 54	0 57	18 36	2 36	19 48	2 36	10 23	0 14	19 51	0 51	2 45	1 48	22 8	0 6	13 7	0 4	16 48	5 1	21 45	21 36	5 18	2 48	3 44
T 18	23 14	22 31	0n19	18 42	2 34	19 30	2 32	10 32	0 17	19 53	0 51	2 44	1 48	22 8	0 6	13 6	0 4	16 48	5 1	21 45	21 36	5 15	2 48	3 44
W19	23 15	24 47	1 32	18 51	2 32	19 11	2 28	10 41	0 19	19 55	0 51	2 44	1 49	22 9	0 6	13 6	0 4	16 49	5 1	21 45	21 35	5 12	2 48	3 44
T 20	23 16	25 35	2 39	19 2	2 28	18 52	2 24	10 50	0 21	19 58	0 51	2 43	1 49	22 9	0 6	13 5	0 4	16 49	5 1	21 44	21 35	5 10	2 48	3 44
F 21	23 17	24 55	3 37	19 15	2 24	18 33	2 19	10 59	0 23	20 0	0 51	2 42	1 49	22 10	0 6	13 5	0 4	16 49	5 1	21 44	21 34	5 7	2 48	3 43
S 22	23 17	22 58	4 22	19 28	2 18	18 13	2 14	11 8	0 25	20 2	0 51	2 42	1 49	22 10	0 6	13 4	0 4	16 49	5 1	21 43	21 34	5 4	2 48	3 43
S 23	23 17	19 57	4 53	19 43	2 13	17 53	2 9	11 18	0 27	20 5	0 51	2 41	1 50	22 10	0 6	13 4	0 4	16 49	5 1	21 43	21 33	5 1	2 48	3 43
M24	23 17	16 7	5 10	19 58	2 7	17 33	2 3	11 27	0 29	20 7	0 51	2 41	1 50	22 11	0 6	13 3	0 4	16 49	5 1	21 42	21 33	4 58	2 48	3 43
T 25	23 15	11 42	5 14	20 13	2 0	17 13	1 58	11 37	0 31	20 9	0 51	2 41	1 50	22 11	0 6	13 3	0 4	16 50	5 1	21 42	21 32	4 55	2 48	3 42
W26	23 14	6 54	5 3	20 29	1 53	16 53	1 52	11 46	0 33	20 11	0 51	2 40	1 50	22 12	0 6	13 2	0 4	16 50	5 1	21 42	21 32	4 52	2 48	3 42
T 27	23 12	1 52	4 40	20 44	1 46	16 33	1 45	11 56	0 35	20 13	0 51	2 40	1 51	22 12	0 6	13 2	0 4	16 50	5 1	21 42	21 31	4 49	2 48	3 42
F 28	23 9	3s15	4 5	21 0	1 38	16 13	1 39	12 6	0 36	20 16	0 51	2 40	1 51	22 13	0 6	13 1	0 4	16 50	5 1	21 42	21 31	4 46	2 48	3 41
S 29	23 6	8 19	3 19	21 15	1 31	15 52	1 32	12 15	0 38	20 18	0 51	2 40	1 51	22 13	0 6	13 1	0 4	16 50	5 1	21 42	21 30	4 43	2 49	3 41
S 30	23 3	13 9	2 23	21 29	1 23	15 32	1 25	12 25	0 40	20 20	0 51	2 40	1 52	22 13	0 6	13 0	0 4	16 51	5 1	21 42	21 30	4 40	2 49	3 41
M31	22s59	17s33	1n19	21s43	1n15	15s11	1s18	12n35	0n41	20s22	0n51	2n39	1n52	22s14	0n 6	13s 0	0s 4	16n51	5s 1	21n43	21n29	4n37	2n49	3n41

Julian Day Number = 2874099.5, Delta T = 01h13m12s
Ecliptic obliquity = 23°17'26, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°56'29, Lahiri = 40°03'30

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ASTRODIENST EPHEMERIS for the year 3157
geocentric

JANUARY 3157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 43 19	10♉ 7'16	7♐28	22♐ 6	23♒ 4	1♉57	6♐21	27♍37	13♐59	25♒33	19°R57	9°R19	7♊49	29♍33	28♓36	T 1
W 2	6 47 15	11° 8'14	20°35	23°30	23°43	2°22	6°33	27°38	14° 3	25°35	19♋56	9♊19	7°46	29°40	28°38	W 2
T 3	6 51 12	12° 9'13	4♉ 4	24°56	24°21	2°47	6°45	27°38	14° 6	25°37	19°55	9°17	7°43	29°46	28°39	T 3
F 4	6 55 8	13°10'14	17°53	26°22	24°58	3°13	6°57	27°39	14°10	25°38	19°54	9°13	7°40	29°53	28°41	F 4
S 5	6 59 5	14°11'14	1♒59	27°49	25°34	3°39	7° 8	27°39	14°13	25°40	19°53	9° 8	7°37	29°59	28°42	S 5
S 6	7 3 1	15°12'16	16°16	29°17	26° 8	4° 5	7°20	27°39	14°16	25°42	19°51	9° 2	7°34	0♎ 6	28°44	S 6
M 7	7 6 58	16°13'17	0♓41	0♉45	26°41	4°32	7°32	27°R39	14°20	25°44	19°50	8°56	7°30	0°13	28°45	M 7
T 8	7 10 54	17°14'19	15° 6	2°14	27°12	4°58	7°43	27°39	14°23	25°46	19°49	8°51	7°27	0°20	28°47	T 8
W 9	7 14 51	18°15'22	29°27	3°43	27°42	5°26	7°55	27°39	14°26	25°48	19°48	8°48	7°24	0°27	28°49	W 9
T 10	7 18 48	19°16'24	13♈41	5°13	28°10	5°53	8° 6	27°39	14°30	25°50	19°47	8°D46	7°21	0°33	28°50	T 10
F 11	7 22 44	20°17'27	27°45	6°43	28°36	6°21	8°18	27°38	14°33	25°51	19°45	8°46	7°18	0°40	28°52	F 11
S 12	7 26 41	21°18'30	11♉38	8°13	29° 0	6°49	8°29	27°38	14°36	25°53	19°44	8°47	7°15	0°47	28°54	S 12
S 13	7 30 37	22°19'33	25°21	9°44	29°23	7°17	8°40	27°37	14°39	25°55	19°43	8°49	7°11	0°53	28°56	S 13
M14	7 34 34	23°20'36	8♊53	11°15	29°44	7°45	8°51	27°37	14°42	25°57	19°42	8°R49	7° 8	1° 0	28°58	M14
T 15	7 38 30	24°21'39	22°14	12°46	0♓ 3	8°14	9° 2	27°36	14°45	25°59	19°40	8°49	7° 5	1° 7	29° 0	T 15
W16	7 42 27	25°22'43	5♋25	14°18	0°19	8°43	9°13	27°35	14°48	26° 1	19°39	8°45	7° 2	1°14	29° 2	W16
T 17	7 46 24	26°23'46	18°24	15°50	0°34	9°12	9°24	27°34	14°51	26° 3	19°38	8°40	6°59	1°20	29° 4	T 17
F 18	7 50 20	27°24'50	1♌10	17°23	0°46	9°41	9°35	27°33	14°54	26° 5	19°37	8°32	6°55	1°27	29° 6	F 18
S 19	7 54 17	28°25'54	13°45	18°55	0°57	10°11	9°46	27°32	14°57	26° 7	19°36	8°23	6°52	1°34	29° 8	S 19
S 20	7 58 13	29°26'58	26° 7	20°28	1° 5	10°41	9°56	27°30	15° 0	26°10	19°35	8°13	6°49	1°40	29°11	S 20
M21	8 2 10	0♒28'02	8♍17	22° 2	1°10	11°11	10° 7	27°29	15° 3	26°12	19°33	8° 3	6°46	1°47	29°13	M21
T 22	8 6 6	1°29'07	20°18	23°35	1°13	11°41	10°17	27°27	15° 6	26°14	19°32	7°54	6°43	1°54	29°15	T 22
W23	8 10 3	2°30'12	2♎12	25° 9	1°R14	12°11	10°28	27°26	15° 9	26°16	19°31	7°47	6°40	2° 1	29°18	W23
T 24	8 13 59	3°31'17	14° 2	26°44	1°12	12°42	10°38	27°24	15°12	26°18	19°30	7°43	6°36	2° 7	29°20	T 24
F 25	8 17 56	4°32'22	25°53	28°18	1° 8	13°13	10°48	27°22	15°15	26°20	19°29	7°40	6°33	2°14	29°22	F 25
S 26	8 21 53	5°33'27	7♏50	29°54	1° 2	13°44	10°58	27°20	15°17	26°22	19°27	7°D40	6°30	2°21	29°25	S 26
S 27	8 25 49	6°34'33	19°59	1♒29	0°53	14°15	11° 8	27°18	15°20	26°24	19°26	7°41	6°27	2°27	29°28	S 27
M28	8 29 46	7°35'39	2♐24	3° 5	0°41	14°46	11°18	27°16	15°23	26°27	19°25	7°R41	6°24	2°34	29°30	M28
T 29	8 33 42	8°36'45	15°10	4°42	0°27	15°18	11°28	27°13	15°25	26°29	19°24	7°41	6°21	2°41	29°33	T 29
W30	8 37 39	9°37'51	28°22	6°18	0°10	15°49	11°37	27°11	15°28	26°31	19°23	7°39	6°17	2°47	29°35	W30
T 31	8 41 35	10♒38'57	12♉ 0	7♒56	29♒51	16♉21	11♐47	27♍ 9	15♐30	26♒33	19♋22	7♊35	6♊14	2♎54	29♓38	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s54	21s15	0n10	21s56	1n 7	14s51	1s10	12n45	0n43	20s24	0n51	2n39	1n52	22s14	0n 6	12s59	0s 4	16n51	5s 1	21n43	21n29	4n34	2n49	3n40
W 2	22 50	23 59	1s 1	22 9	0 59	14 30	1 2	12 55	0 44	20 26	0 51	2 39	1 52	22 15	0 6	12 59	0 4	16 51	5 1	21 43	21 28	4 31	2 50	3 40
T 3	22 44	25 25	2 11	22 20	0 51	14 10	0 54	13 5	0 46	20 28	0 51	2 39	1 53	22 15	0 6	12 58	0 4	16 51	5 1	21 42	21 28	4 28	2 50	3 40
F 4	22 39	25 19	3 15	22 31	0 44	13 50	0 45	13 15	0 47	20 30	0 51	2 40	1 53	22 16	0 6	12 57	0 4	16 52	5 1	21 42	21 27	4 25	2 50	3 39
S 5	22 32	23 37	4 8	22 41	0 36	13 29	0 36	13 25	0 49	20 32	0 51	2 40	1 53	22 16	0 6	12 57	0 4	16 52	5 1	21 41	21 27	4 22	2 51	3 39
S 6	22 26	20 25	4 46	22 49	0 28	13 9	0 27	13 36	0 50	20 33	0 51	2 40	1 53	22 16	0 6	12 56	0 4	16 52	5 1	21 40	21 26	4 19	2 51	3 39
M 7	22 19	15 57	5 7	22 57	0 20	12 49	0 17	13 46	0 52	20 35	0 51	2 40	1 54	22 17	0 6	12 56	0 4	16 52	5 1	21 39	21 26	4 16	2 51	3 39
T 8	22 11	10 35	5 8	23 4	0 13	12 29	0 8	13 56	0 53	20 37	0 51	2 40	1 54	22 17	0 6	12 55	0 4	16 52	5 1	21 38	21 25	4 13	2 52	3 38
W 9	22 3	4 40	4 50	23 9	0 5	12 9	0n 3	14 6	0 54	20 39	0 51	2 41	1 54	22 17	0 6	12 54	0 4	16 53	5 1	21 38	21 25	4 11	2 52	3 38
T 10	21 55	1n27	4 15	23 14	0s 2	11 50	0 13	14 16	0 56	20 41	0 51	2 41	1 54	22 18	0 6	12 54	0 4	16 53	5 1	21 38	21 24	4 8	2 53	3 38
F 11	21 46	7 26	3 24	23 17	0 10	11 31	0 24	14 27	0 57	20 43	0 51	2 41	1 55	22 18	0 6	12 53	0 4	16 53	5 1	21 38	21 24	4 5	2 53	3 38
S 12	21 37	12 59	2 22	23 19	0 17	11 12	0 35	14 37	0 58	20 44	0 51	2 42	1 55	22 19	0 6	12 52	0 4	16 53	5 1	21 38	21 23	4 2	2 54	3 37
S 13	21 27	17 49	1 12	23 20	0 24	10 53	0 47	14 47	0 59	20 46	0 51	2 42	1 55	22 19	0 6	12 52	0 4	16 54	5 1	21 38	21 22	3 59	2 54	3 37
M14	21 17	21 39	0n 0	23 20	0 31	10 35	0 59	14 58	1 0	20 48	0 51	2 43	1 56	22 19	0 6	12 51	0 4	16 54	5 1	21 38	21 22	3 56	2 55	3 37
T 15	21 7	24 16	1 12	23 18	0 37	10 17	1 11	15 8	1 1	20 49	0 51	2 43	1 56	22 20	0 6	12 50	0 4	16 54	5 1	21 38	21 21	3 53	2 55	3 37
W16	20 56	25 29	2 18	23 15	0 44	9 59	1 23	15 18	1 2	20 51	0 51	2 44	1 56	22 20	0 6	12 50	0 4	16 54	5 0	21 37	21 21	3 50	2 56	3 36
T 17	20 45	25 17	3 17	23 11	0 50	9 42	1 36	15 29	1 4	20 52	0 52	2 45	1 56	22 20	0 6	12 49	0 4	16 54	5 0	21 37	21 20	3 47	2 56	3 36
F 18	20 33	23 44	4 4	23 6	0 56	9 25	1 49	15 39	1 5	20 54	0 52	2 45	1 57	22 21	0 6	12 48	0 4	16 55	5 0	21 35	21 20	3 44	2 57	3 36
S 19	20 21	21 2	4 38	23 0	1 2	9 9	2 3	15 49	1 6	20 55	0 52	2 46	1 57	22 21	0 6	12 48	0 4	16 55	5 0	21 34	21 19	3 41	2 58	3 36
S 20	20 8	17 25	4 59	22 52	1 8	8 54	2 17	15 59	1 6	20 57	0 52	2 47	1 57	22 21	0 6	12 47	0 4	16 55	5 0	21 32	21 19	3 38	2 58	3 35
M21	19 56	13 8	5 6	22 43	1 14	8 38	2 31	16 10	1 7	20 58	0 52	2 48	1 57	22 22	0 6	12 46	0 4	16 55	5 0	21 31	21 18	3 35	2 59	3 35
T 22	19 42	8 24	4 59	22 32	1 19	8 24	2 45	16 20	1 8	21 0	0 52	2 48	1 58	22 22	0 6	12 46	0 4	16 56	5 0	21 29	21 18	3 32	3 0	3 35
W23	19 29	3 24	4 39	22 21	1 24	8 10	2 59	16 30	1 9	21 1	0 52	2 49	1 58	22 22	0 6	12 45	0 4	16 56	5 0	21 28	21 17	3 29	3 0	3 35
T 24	19 15	1s42	4 7	22 8	1 29	7 57	3 14	16 40	1 10	21 3	0 52	2 50	1 58	22 23	0 6	12 44	0 4	16 56	5 0	21 28	21 17	3 26	3 1	3 34
F 25	19 0	6 46	3 24	21 54	1 34	7 45	3 29	16 50	1 11	21 4	0 52	2 51	1 58	22 23	0 6	12 44	0 4	16 56	5 0	21 27	21 16	3 23	3 2	3 34
S 26	18 46	11 38	2 33	21 38	1 38	7 33	3 44	17 0	1 12	21 5	0 52	2 52	1 59	22 23	0 6	12 43	0 4	16 57	5 0	21 27	21 16	3 20	3 3	3 34
S 27	18 31	16 8	1 33	21 22	1 42	7 22	3 59	17 10	1 13	21 7	0 52	2 53	1 59	22 24	0 6	12 42	0 4	16 57	5 0	21 27	21 15	3 17	3 3	3 34
M28	18 15	20 3	0 28	21 4	1 46	7 12	4 14	17 20	1 13	21 8	0 52	2 54	1 59	22 24	0 6	12 41	0 4	16 57	5 0	21 27	21 15	3 14	3 4	3 34
T 29	18 0	23 8	0s40	20 44	1 49	7 2	4 29	17 30	1 14	21 9	0 52	2 55	1 59	22 24	0 6	12 41	0 4	16 57	4 59	21 27	21 14	3 11	3 5	3 33
W30	17 44	25 5	1 48	20 24	1 53	6 54	4 44	17 40	1 15	21 11	0 52	2 57	2 0	22 24	0 6	12 40	0 4	16 58	4 59	21 27	21 13	3 8	3 6	3 33
T 31	17s27	25s37	2s52	20s 2	1s56	6s46	5n 0	17n50	1n15	21s12	0n52	2n58	2n 0	22s25	0n 6	12s39	0s 4	16n58	4s59	21n26	21n13	3n 5	3n 7	3n33

Julian Day Number = 2874130.5, Delta T = 01h13m12s
Ecliptic obliquity = 23°17'26, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°56'34, Lahiri = 40°03'34

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ASTRODIENST EPHEMERIS for the year 3157
geocentric

FEBRUARY 3157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 45 32	11♒40'03	26♉ 5	9♒34	29°R30	16♉53	11♐56	27°R 6	15♐33	26♒35	19°R21	7°R27	6♊11	3♎ 1	29♓41	F 1
S 2	8 49 28	12°41'09	10♒33	11°12	29♒ 7	17°25	12° 6	27♍ 3	15°35	26°38	19♋20	7♊18	6° 8	3° 8	29°44	S 2
S 3	8 53 25	13°42'14	25°18	12°51	28°41	17°57	12°15	27° 1	15°38	26°40	19°18	7° 7	6° 5	3°14	29°46	S 3
M 4	8 57 22	14°43'18	10♓11	14°30	28°14	18°30	12°24	26°58	15°40	26°42	19°17	6°57	6° 1	3°21	29°49	M 4
T 5	9 1 18	15°44'23	25° 4	16°10	27°44	19° 2	12°33	26°55	15°42	26°44	19°16	6°47	5°58	3°28	29°52	T 5
W 6	9 5 15	16°45'26	9♈48	17°50	27°13	19°35	12°42	26°52	15°45	26°47	19°15	6°40	5°55	3°34	29°55	W 6
T 7	9 9 11	17°46'28	24°16	19°31	26°40	20° 8	12°51	26°49	15°47	26°49	19°14	6°35	5°52	3°41	29°58	T 7
F 8	9 13 8	18°47'30	8♉27	21°12	26° 6	20°41	12°59	26°45	15°49	26°51	19°13	6°33	5°49	3°48	0♈ 1	F 8
S 9	9 17 4	19°48'31	22°18	22°54	25°31	21°14	13° 8	26°42	15°51	26°53	19°12	6°D33	5°46	3°55	0° 4	S 9
S 10	9 21 1	20°49'31	5♊51	24°37	24°55	21°47	13°16	26°39	15°53	26°56	19°11	6°R33	5°42	4° 1	0° 7	S 10
M11	9 24 57	21°50'31	19° 7	26°20	24°18	22°20	13°25	26°35	15°55	26°58	19°10	6°32	5°39	4° 8	0°10	M11
T 12	9 28 54	22°51'29	2♋ 8	28° 3	23°41	22°54	13°33	26°32	15°57	27° 0	19° 9	6°30	5°36	4°15	0°13	T 12
W13	9 32 51	23°52'26	14°57	29°47	23° 4	23°27	13°41	26°28	15°59	27° 2	19° 8	6°25	5°33	4°21	0°17	W13
T 14	9 36 47	24°53'23	27°36	1♓31	22°27	24° 1	13°49	26°24	16° 1	27° 5	19° 7	6°16	5°30	4°28	0°20	T 14
F 15	9 40 44	25°54'18	10♌ 4	3°16	21°51	24°35	13°57	26°21	16° 3	27° 7	19° 6	6° 5	5°27	4°35	0°23	F 15
S 16	9 44 40	26°55'13	22°24	5° 1	21°15	25° 8	14° 4	26°17	16° 5	27° 9	19° 5	5°52	5°23	4°41	0°26	S 16
S 17	9 48 37	27°56'06	4♍36	6°46	20°40	25°42	14°12	26°13	16° 7	27°12	19° 4	5°37	5°20	4°48	0°29	S 17
M18	9 52 33	28°56'59	16°39	8°31	20° 6	26°16	14°19	26° 9	16° 8	27°14	19° 4	5°23	5°17	4°55	0°33	M18
T 19	9 56 30	29°57'51	28°36	10°17	19°34	26°51	14°26	26° 5	16°10	27°16	19° 3	5° 9	5°14	5° 2	0°36	T 19
W20	10 0 26	0♓58'42	10♎28	12° 2	19° 3	27°25	14°34	26° 1	16°12	27°18	19° 2	4°58	5°11	5° 8	0°39	W20
T 21	10 4 23	1°59'32	22°17	13°46	18°34	27°59	14°40	25°57	16°13	27°21	19° 1	4°50	5° 7	5°15	0°43	T 21
F 22	10 8 20	3° 0'22	4♏ 7	15°30	18° 7	28°33	14°47	25°52	16°15	27°23	19° 0	4°45	5° 4	5°22	0°46	F 22
S 23	10 12 16	4° 1'10	16° 2	17°14	17°41	29° 8	14°54	25°48	16°16	27°25	18°59	4°42	5° 1	5°28	0°50	S 23
S 24	10 16 13	5° 1'58	28° 7	18°56	17°18	29°42	15° 0	25°44	16°18	27°27	18°59	4°42	4°58	5°35	0°53	S 24
M25	10 20 9	6° 2'46	10♐28	20°37	16°58	0♊17	15° 7	25°39	16°19	27°30	18°58	4°42	4°55	5°42	0°56	M25
T 26	10 24 6	7° 3'32	23° 9	22°15	16°39	0°52	15°13	25°35	16°20	27°32	18°57	4°41	4°52	5°49	1° 0	T 26
W27	10 28 2	8° 4'17	6♉16	23°52	16°23	1°27	15°19	25°31	16°22	27°34	18°56	4°39	4°48	5°55	1° 3	W27
T 28	10 31 59	9♓ 5'02	19♉52	25♓26	16♒10	2♊ 1	15♐25	25♍26	16♐23	27♒36	18♋56	4♊34	4♊45	6♎ 2	1♈ 7	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s11	24s32	3s48	19s39	1s58	6s39	5n14	18n 0	1n16	21s13	0n52	2n59	2n 0	22s25	0n 6	12s38	0s 4	16n58	4s59	21n25	21n12	3n 2	3n 8	3n33
S 2	16 54	21 49	4 30	19 14	2 1	6 34	5 29	18 9	1 17	21 14	0 52	3 0	2 0	22 25	0 6	12 38	0 4	16 58	4 59	21 24	21 12	2 59	3 9	3 32
S 3	16 37	17 39	4 56	18 49	2 2	6 29	5 44	18 19	1 17	21 15	0 52	3 2	2 1	22 26	0 6	12 37	0 4	16 59	4 59	21 22	21 11	2 56	3 10	3 32
M 4	16 19	12 21	5 2	18 22	2 4	6 25	5 58	18 29	1 18	21 16	0 53	3 3	2 1	22 26	0 6	12 36	0 4	16 59	4 59	21 20	21 11	2 53	3 11	3 32
T 5	16 1	6 21	4 47	17 53	2 5	6 22	6 11	18 38	1 19	21 17	0 53	3 4	2 1	22 26	0 6	12 35	0 4	16 59	4 59	21 18	21 10	2 50	3 11	3 32
W 6	15 43	0 2	4 14	17 24	2 6	6 20	6 25	18 48	1 19	21 19	0 53	3 6	2 1	22 26	0 6	12 35	0 4	16 59	4 59	21 17	21 10	2 47	3 12	3 32
T 7	15 25	6n11	3 24	16 53	2 7	6 19	6 37	18 57	1 20	21 20	0 53	3 7	2 1	22 27	0 6	12 34	0 4	17 0	4 59	21 16	21 9	2 44	3 13	3 31
F 8	15 6	11 58	2 23	16 21	2 7	6 18	6 49	19 6	1 20	21 21	0 53	3 9	2 2	22 27	0 6	12 33	0 4	17 0	4 58	21 16	21 9	2 41	3 14	3 31
S 9	14 47	17 1	1 15	15 47	2 6	6 19	7 1	19 15	1 21	21 22	0 53	3 10	2 2	22 27	0 6	12 32	0 4	17 0	4 58	21 16	21 8	2 38	3 15	3 31
S 10	14 28	21 5	0 4	15 13	2 6	6 21	7 12	19 25	1 22	21 22	0 53	3 12	2 2	22 27	0 6	12 32	0 4	17 0	4 58	21 16	21 7	2 35	3 16	3 31
M11	14 8	23 57	1n 6	14 37	2 4	6 23	7 22	19 34	1 22	21 23	0 53	3 13	2 2	22 27	0 6	12 31	0 4	17 1	4 58	21 16	21 7	2 32	3 18	3 31
T 12	13 49	25 27	2 11	14 0	2 3	6 26	7 31	19 43	1 23	21 24	0 53	3 15	2 2	22 28	0 6	12 30	0 4	17 1	4 58	21 16	21 6	2 29	3 19	3 30
W13	13 29	25 34	3 8	13 21	2 0	6 30	7 39	19 52	1 23	21 25	0 53	3 16	2 3	22 28	0 6	12 29	0 4	17 1	4 58	21 15	21 6	2 25	3 20	3 30
T 14	13 9	24 21	3 55	12 42	1 58	6 35	7 46	20 0	1 23	21 26	0 53	3 18	2 3	22 28	0 6	12 29	0 4	17 1	4 58	21 13	21 5	2 22	3 21	3 30
F 15	12 48	21 56	4 30	12 1	1 54	6 40	7 53	20 9	1 24	21 27	0 53	3 20	2 3	22 28	0 6	12 28	0 4	17 2	4 58	21 11	21 5	2 19	3 22	3 30
S 16	12 28	18 33	4 51	11 20	1 51	6 46	7 58	20 18	1 24	21 28	0 53	3 21	2 3	22 28	0 6	12 27	0 4	17 2	4 58	21 9	21 4	2 16	3 23	3 30
S 17	12 7	14 25	4 59	10 37	1 46	6 52	8 3	20 26	1 25	21 29	0 54	3 23	2 3	22 29	0 6	12 26	0 4	17 2	4 57	21 7	21 4	2 13	3 24	3 30
M18	11 46	9 45	4 54	9 53	1 41	6 59	8 7	20 35	1 25	21 29	0 54	3 25	2 4	22 29	0 6	12 26	0 4	17 2	4 57	21 4	21 3	2 10	3 25	3 29
T 19	11 25	4 46	4 35	9 9	1 35	7 6	8 9	20 43	1 26	21 30	0 54	3 27	2 4	22 29	0 6	12 25	0 4	17 3	4 57	21 2	21 2	2 7	3 26	3 29
W20	11 4	0s21	4 5	8 23	1 29	7 13	8 11	20 51	1 26	21 31	0 54	3 28	2 4	22 29	0 6	12 24	0 4	17 3	4 57	21 0	21 2	2 4	3 28	3 29
T 21	10 42	5 28	3 24	7 37	1 22	7 21	8 12	20 59	1 26	21 31	0 54	3 30	2 4	22 29	0 6	12 23	0 4	17 3	4 57	20 58	21 1	2 1	3 29	3 29
F 22	10 20	10 24	2 34	6 49	1 14	7 29	8 12	21 7	1 27	21 32	0 54	3 32	2 4	22 30	0 6	12 23	0 4	17 3	4 57	20 57	21 1	1 58	3 30	3 29
S 23	9 58	14 59	1 37	6 2	1 6	7 37	8 11	21 15	1 27	21 33	0 54	3 34	2 4	22 30	0 6	12 22	0 4	17 3	4 57	20 57	21 0	1 55	3 31	3 29
S 24	9 36	19 3	0 35	5 14	0 57	7 45	8 10	21 23	1 27	21 33	0 54	3 36	2 5	22 30	0 6	12 21	0 4	17 4	4 56	20 57	21 0	1 52	3 32	3 28
M25	9 14	22 23	0s30	4 26	0 47	7 53	8 8	21 31	1 28	21 34	0 54	3 38	2 5	22 30	0 6	12 20	0 4	17 4	4 56	20 57	20 59	1 49	3 34	3 28
T 26	8 52	24 43	1 36	3 37	0 37	8 2	8 5	21 38	1 28	21 35	0 54	3 39	2 5	22 30	0 6	12 19	0 4	17 4	4 56	20 57	20 58	1 46	3 35	3 28
W27	8 29	25 47	2 39	2 49	0 26	8 10	8 1	21 46	1 28	21 35	0 54	3 41	2 5	22 30	0 6	12 19	0 4	17 4	4 56	20 56	20 58	1 43	3 36	3 28
T 28	8s 7	25s22	3s34	2s 1	0s14	8s18	7n57	21n53	1n28	21s36	0n55	3n43	2n 5	22s30	0n 6	12s18	0s 4	17n 5	4s56	20n55	20n57	1n40	3n37	3n28

Julian Day Number = 2874161.5, Delta T = 01h13m13s
Ecliptic obliquity = 23°17'26, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°56'38, Lahiri = 40°03'38

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ASTRODIENST EPHEMERIS for the year 3157
geocentric

MARCH 3157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 35 55	10♓ 5'46	3♒58	26♓56	15°R59	2♊36	15♐31	25°R22	16♐24	27♒39	18°R55	4°R27	4♊42	6♎ 9	1♈11	F 1
S 2	10 39 52	11° 6'28	18°32	28°22	15♒51	3°11	15°36	25♍17	16°25	27°41	18♋54	4♊17	4°39	6°15	1°14	S 2
S 3	10 43 49	12° 7'09	3♓29	29°44	15°44	3°47	15°42	25°12	16°26	27°43	18°53	4° 5	4°36	6°22	1°18	S 3
M 4	10 47 45	13° 7'49	18°40	1♈ 1	15°41	4°22	15°47	25° 8	16°27	27°45	18°53	3°53	4°32	6°29	1°21	M 4
T 5	10 51 42	14° 8'28	3♈54	2°11	15°D40	4°57	15°52	25° 3	16°28	27°48	18°52	3°43	4°29	6°35	1°25	T 5
W 6	10 55 38	15° 9'05	19° 0	3°15	15°41	5°32	15°57	24°58	16°29	27°50	18°52	3°35	4°26	6°42	1°28	W 6
T 7	10 59 35	16° 9'41	3♉50	4°11	15°45	6° 8	16° 2	24°54	16°30	27°52	18°51	3°29	4°23	6°49	1°32	T 7
F 8	11 3 31	17°10'15	18°17	4°59	15°51	6°43	16° 7	24°49	16°31	27°54	18°50	3°26	4°20	6°56	1°36	F 8
S 9	11 7 28	18°10'47	2♊18	5°39	15°59	7°18	16°11	24°44	16°31	27°56	18°50	3°D26	4°17	7° 2	1°39	S 9
S 10	11 11 24	19°11'18	15°54	6° 9	16° 9	7°54	16°15	24°39	16°32	27°59	18°49	3°R26	4°13	7° 9	1°43	S 10
M11	11 15 21	20°11'47	29° 8	6°30	16°22	8°29	16°20	24°34	16°33	28° 1	18°49	3°26	4°10	7°16	1°47	M11
T 12	11 19 17	21°12'14	12♋ 2	6°40	16°37	9° 5	16°24	24°30	16°33	28° 3	18°48	3°24	4° 7	7°22	1°50	T 12
W13	11 23 14	22°12'39	24°40	6°R41	16°53	9°41	16°27	24°25	16°34	28° 5	18°48	3°19	4° 4	7°29	1°54	W13
T 14	11 27 11	23°13'02	7♌ 5	6°31	17°12	10°16	16°31	24°20	16°34	28° 7	18°47	3°12	4° 1	7°36	1°58	T 14
F 15	11 31 7	24°13'24	19°20	6°12	17°33	10°52	16°34	24°15	16°34	28° 9	18°47	3° 2	3°58	7°42	2° 1	F 15
S 16	11 35 4	25°13'44	1♍27	5°43	17°55	11°28	16°38	24°10	16°35	28°11	18°47	2°51	3°54	7°49	2° 5	S 16
S 17	11 39 0	26°14'02	13°28	5° 6	18°19	12° 4	16°41	24° 5	16°35	28°13	18°46	2°38	3°51	7°56	2° 9	S 17
M18	11 42 57	27°14'18	25°25	4°22	18°45	12°40	16°44	24° 1	16°35	28°15	18°46	2°25	3°48	8° 3	2°13	M18
T 19	11 46 53	28°14'33	7♎17	3°31	19°13	13°16	16°46	23°56	16°35	28°17	18°46	2°13	3°45	8° 9	2°16	T 19
W20	11 50 50	29°14'46	19° 8	2°35	19°42	13°52	16°49	23°51	16°36	28°19	18°45	2° 3	3°42	8°16	2°20	W20
T 21	11 54 46	0♈14'58	0♏58	1°35	20°13	14°28	16°51	23°46	16°36	28°21	18°45	1°56	3°38	8°23	2°24	T 21
F 22	11 58 43	1°15'08	12°50	0°34	20°46	15° 4	16°53	23°41	16°R36	28°23	18°45	1°51	3°35	8°29	2°27	F 22
S 23	12 2 40	2°15'16	24°48	29♓31	21°19	15°40	16°55	23°37	16°36	28°25	18°44	1°49	3°32	8°36	2°31	S 23
S 24	12 6 36	3°15'23	6♐54	28°30	21°54	16°16	16°57	23°32	16°35	28°27	18°44	1°D49	3°29	8°43	2°35	S 24
M25	12 10 33	4°15'29	19°14	27°30	22°31	16°52	16°59	23°27	16°35	28°29	18°44	1°50	3°26	8°49	2°39	M25
T 26	12 14 29	5°15'33	1♑52	26°34	23° 9	17°28	17° 0	23°23	16°35	28°31	18°44	1°R51	3°23	8°56	2°42	T 26
W27	12 18 26	6°15'35	14°53	25°43	23°47	18° 4	17° 2	23°18	16°35	28°33	18°44	1°50	3°19	9° 3	2°46	W27
T 28	12 22 22	7°15'36	28°21	24°56	24°28	18°41	17° 3	23°13	16°35	28°35	18°44	1°48	3°16	9° 9	2°50	T 28
F 29	12 26 19	8°15'36	12♒18	24°15	25° 9	19°17	17° 4	23° 9	16°34	28°37	18°43	1°44	3°13	9°16	2°54	F 29
S 30	12 30 15	9°15'34	26°43	23°41	25°51	19°53	17° 4	23° 4	16°34	28°39	18°43	1°38	3°10	9°23	2°57	S 30
S 31	12 34 12	10♈15'30	11♓34	23♓12	26♒34	20♊30	17♐ 5	23♍ 0	16♐33	28♒41	18♋43	1♊30	3♊ 7	9♎30	3♈ 1	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s44	23s21	4s19	1s14	0s 1	8s25	7n52	22n 0	1n29	21s36	0n55	3n45	2n 5	22s30	0n 6	12s17	0s 5	17n 5	4s56	20n54	20n57	1n37	3n39	3n28
S 2	7 21	19 46	4 49	0 28	0n12	8 33	7 47	22 7	1 29	21 37	0 55	3 47	2 5	22 31	0 6	12 16	0 5	17 5	4 56	20 52	20 56	1 34	3 40	3 28
S 3	6 58	14 50	5 0	0n17	0 26	8 40	7 41	22 14	1 29	21 37	0 55	3 49	2 6	22 31	0 6	12 16	0 5	17 5	4 55	20 50	20 56	1 31	3 41	3 28
M 4	6 35	8 55	4 51	1 1	0 40	8 47	7 35	22 21	1 29	21 38	0 55	3 51	2 6	22 31	0 6	12 15	0 5	17 6	4 55	20 48	20 55	1 28	3 43	3 27
T 5	6 12	2 27	4 20	1 42	0 54	8 54	7 28	22 28	1 30	21 38	0 55	3 53	2 6	22 31	0 6	12 14	0 5	17 6	4 55	20 46	20 54	1 25	3 44	3 27
W 6	5 49	4n 8	3 32	2 21	1 9	9 0	7 21	22 34	1 30	21 39	0 55	3 55	2 6	22 31	0 6	12 13	0 5	17 6	4 55	20 44	20 54	1 22	3 45	3 27
T 7	5 26	10 22	2 30	2 57	1 25	9 6	7 14	22 40	1 30	21 39	0 55	3 57	2 6	22 31	0 6	12 13	0 5	17 6	4 55	20 43	20 53	1 19	3 47	3 27
F 8	5 2	15 54	1 19	3 30	1 40	9 12	7 6	22 47	1 30	21 39	0 55	3 59	2 6	22 31	0 6	12 12	0 5	17 7	4 55	20 43	20 53	1 15	3 48	3 27
S 9	4 39	20 24	0 6	3 59	1 55	9 17	6 58	22 53	1 30	21 40	0 55	4 1	2 6	22 31	0 6	12 11	0 5	17 7	4 55	20 43	20 52	1 12	3 49	3 27
S 10	4 15	23 38	1n 6	4 25	2 10	9 22	6 50	22 59	1 31	21 40	0 55	4 3	2 6	22 31	0 6	12 11	0 5	17 7	4 54	20 43	20 51	1 9	3 51	3 27
M11	3 52	25 29	2 12	4 46	2 24	9 26	6 42	23 5	1 31	21 40	0 56	4 5	2 6	22 31	0 6	12 10	0 5	17 7	4 54	20 43	20 51	1 6	3 52	3 27
T 12	3 28	25 54	3 9	5 3	2 38	9 30	6 33	23 10	1 31	21 41	0 56	4 7	2 7	22 31	0 6	12 9	0 5	17 7	4 54	20 42	20 50	1 3	3 53	3 26
W13	3 4	24 56	3 56	5 15	2 51	9 33	6 25	23 16	1 31	21 41	0 56	4 9	2 7	22 31	0 6	12 8	0 5	17 8	4 54	20 41	20 50	1 0	3 55	3 26
T 14	2 41	22 46	4 31	5 22	3 2	9 36	6 16	23 21	1 31	21 41	0 56	4 11	2 7	22 32	0 6	12 8	0 5	17 8	4 54	20 40	20 49	0 57	3 56	3 26
F 15	2 17	19 34	4 53	5 24	3 13	9 39	6 7	23 27	1 31	21 41	0 56	4 13	2 7	22 32	0 6	12 7	0 5	17 8	4 54	20 38	20 49	0 54	3 57	3 26
S 16	1 53	15 35	5 2	5 21	3 21	9 41	5 58	23 32	1 31	21 42	0 56	4 15	2 7	22 32	0 6	12 6	0 5	17 8	4 53	20 36	20 48	0 51	3 59	3 26
S 17	1 29	11 1	4 56	5 12	3 28	9 42	5 49	23 37	1 32	21 42	0 56	4 17	2 7	22 32	0 6	12 6	0 5	17 8	4 53	20 33	20 47	0 48	4 0	3 26
M18	1 5	6 4	4 38	4 59	3 33	9 43	5 40	23 41	1 32	21 42	0 56	4 19	2 7	22 32	0 6	12 5	0 5	17 9	4 53	20 31	20 47	0 45	4 2	3 26
T 19	0 42	0 56	4 8	4 42	3 36	9 43	5 31	23 46	1 32	21 42	0 56	4 20	2 7	22 32	0 6	12 4	0 5	17 9	4 53	20 29	20 46	0 42	4 3	3 26
W20	0 18	4s15	3 27	4 21	3 37	9 43	5 21	23 51	1 32	21 42	0 56	4 22	2 7	22 32	0 6	12 3	0 5	17 9	4 53	20 27	20 46	0 39	4 4	3 26
T 21	0n 6	9 17	2 37	3 56	3 36	9 42	5 12	23 55	1 32	21 42	0 57	4 24	2 7	22 32	0 6	12 3	0 5	17 9	4 53	20 25	20 45	0 36	4 6	3 26
F 22	0 30	14 1	1 40	3 28	3 32	9 41	5 3	23 59	1 32	21 43	0 57	4 26	2 7	22 32	0 6	12 2	0 5	17 9	4 53	20 24	20 44	0 32	4 7	3 26
S 23	0 53	18 14	0 38	2 58	3 27	9 39	4 54	24 3	1 32	21 43	0 57	4 28	2 7	22 32	0 6	12 1	0 5	17 10	4 52	20 24	20 44	0 29	4 9	3 26
S 24	1 17	21 47	0s27	2 27	3 19	9 37	4 45	24 7	1 32	21 43	0 57	4 30	2 7	22 32	0 6	12 1	0 5	17 10	4 52	20 24	20 43	0 26	4 10	3 25
M25	1 41	24 23	1 32	1 55	3 10	9 34	4 36	24 11	1 32	21 43	0 57	4 32	2 7	22 32	0 6	12 0	0 5	17 10	4 52	20 24	20 43	0 23	4 11	3 25
T 26	2 5	25 51	2 34	1 23	2 59	9 31	4 27	24 14	1 32	21 43	0 57	4 34	2 7	22 32	0 5	11 59	0 5	17 10	4 52	20 24	20 42	0 20	4 13	3 25
W27	2 28	25 56	3 30	0 52	2 47	9 27	4 18	24 17	1 32	21 43	0 57	4 36	2 7	22 32	0 5	11 59	0 5	17 10	4 52	20 24	20 41	0 17	4 14	3 25
T 28	2 52	24 33	4 16	0 22	2 34	9 22	4 9	24 21	1 32	21 43	0 57	4 37	2 7	22 32	0 5	11 58	0 5	17 11	4 52	20 24	20 41	0 14	4 16	3 25
F 29	3 15	21 38	4 49	0s 7	2 20	9 17	4 0	24 24	1 32	21 43	0 57	4 39	2 7	22 32	0 5	11 58	0 5	17 11	4 51	20 23	20 40	0 11	4 17	3 25
S 30	3 39	17 19	5 5	0 34	2 6	9 12	3 51	24 27	1 32	21 43	0 57	4 41	2 7	22 32	0 5	11 57	0 5	17 11	4 51	20 22	20 40	0 8	4 19	3 25
S 31	4n 2	11s50	5s 2	0s59	1n51	9s 6	3n42	24n29	1n32	21s43	0n58	4n43	2n 7	22s32	0n 5	11s56	0s 5	17n11	4s51	20n20	20n39	0n 5	4n20	3n25

Julian Day Number = 2874189.5, Delta T = 01h13m14s
Ecliptic obliquity = 23°17'27, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°56'42, Lahiri = 40°03'42

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ASTRODIENST EPHEMERIS for the year 3157
geocentric

APRIL 3157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 38 9	11♈15'24	26♓44	22°R51	27♒19	21♊ 6	17♐ 5	22°R55	16°R33	28♒42	18°R43	1°R22	3♊ 4	9♎36	3♈ 5	M 1
T 2	12 42 5	12°15'17	12♈ 2	22♓36	28° 4	21°42	17°R 5	22♍51	16♐32	28°44	18°D43	1♊15	3° 0	9°43	3° 8	T 2
W 3	12 46 2	13°15'08	27°18	22°27	28°50	22°19	17° 5	22°46	16°32	28°46	18♋43	1° 9	2°57	9°50	3°12	W 3
T 4	12 49 58	14°14'56	12♉20	22°D24	29°37	22°55	17° 5	22°42	16°31	28°48	18°43	1° 5	2°54	9°56	3°16	T 4
F 5	12 53 55	15°14'43	27° 2	22°28	0♓25	23°32	17° 5	22°38	16°30	28°49	18°43	1°D 4	2°51	10° 3	3°19	F 5
S 6	12 57 51	16°14'28	11♊17	22°37	1°14	24° 8	17° 4	22°33	16°29	28°51	18°43	1° 4	2°48	10°10	3°23	S 6
S 7	13 1 48	17°14'11	25° 5	22°52	2° 3	24°45	17° 3	22°29	16°28	28°53	18°44	1° 5	2°44	10°16	3°27	S 7
M 8	13 5 44	18°13'51	8♋26	23°12	2°53	25°21	17° 2	22°25	16°28	28°54	18°44	1° 7	2°41	10°23	3°30	M 8
T 9	13 9 41	19°13'29	21°24	23°36	3°44	25°58	17° 1	22°21	16°27	28°56	18°44	1°R 7	2°38	10°30	3°34	T 9
W10	13 13 38	20°13'05	4♌ 1	24° 6	4°36	26°35	17° 0	22°17	16°26	28°58	18°44	1° 6	2°35	10°37	3°38	W10
T 11	13 17 34	21°12'39	16°22	24°40	5°28	27°11	16°58	22°13	16°25	28°59	18°44	1° 3	2°32	10°43	3°41	T 11
F 12	13 21 31	22°12'10	28°30	25°18	6°21	27°48	16°56	22° 9	16°24	29° 1	18°44	0°58	2°29	10°50	3°45	F 12
S 13	13 25 27	23°11'39	10♍30	26° 0	7°14	28°25	16°54	22° 6	16°22	29° 2	18°45	0°52	2°25	10°57	3°48	S 13
S 14	13 29 24	24°11'06	22°25	26°46	8° 8	29° 1	16°52	22° 2	16°21	29° 4	18°45	0°45	2°22	11° 3	3°52	S 14
M15	13 33 20	25°10'31	4♎16	27°35	9° 3	29°38	16°50	21°58	16°20	29° 5	18°45	0°39	2°19	11°10	3°55	M15
T 16	13 37 17	26° 9'54	16° 7	28°27	9°58	0♋15	16°47	21°55	16°19	29° 7	18°46	0°32	2°16	11°17	3°59	T 16
W17	13 41 13	27° 9'15	27°58	29°22	10°54	0°51	16°45	21°51	16°17	29° 8	18°46	0°27	2°13	11°23	4° 2	W17
T 18	13 45 10	28° 8'34	9♏52	0♈21	11°50	1°28	16°42	21°48	16°16	29°10	18°46	0°24	2° 9	11°30	4° 6	T 18
F 19	13 49 6	29° 7'51	21°51	1°22	12°47	2° 5	16°39	21°44	16°15	29°11	18°47	0°22	2° 6	11°37	4° 9	F 19
S 20	13 53 3	0♉ 7'06	3♐57	2°26	13°44	2°42	16°36	21°41	16°13	29°12	18°47	0°D22	2° 3	11°43	4°13	S 20
S 21	13 57 0	1° 6'19	16°12	3°32	14°42	3°18	16°33	21°38	16°12	29°14	18°47	0°23	2° 0	11°50	4°16	S 21
M22	14 0 56	2° 5'31	28°40	4°40	15°40	3°55	16°29	21°35	16°10	29°15	18°48	0°24	1°57	11°57	4°20	M22
T 23	14 4 53	3° 4'41	11♑23	5°51	16°38	4°32	16°25	21°32	16° 9	29°16	18°48	0°26	1°54	12° 3	4°23	T 23
W24	14 8 49	4° 3'49	24°25	7° 4	17°37	5° 9	16°21	21°29	16° 7	29°17	18°49	0°27	1°50	12°10	4°26	W24
T 25	14 12 46	5° 2'56	7♒48	8°19	18°37	5°46	16°17	21°26	16° 5	29°19	18°49	0°R27	1°47	12°17	4°30	T 25
F 26	14 16 42	6° 2'00	21°36	9°36	19°36	6°22	16°13	21°23	16° 4	29°20	18°50	0°26	1°44	12°24	4°33	F 26
S 27	14 20 39	7° 1'04	5♓48	10°56	20°36	6°59	16° 9	21°21	16° 2	29°21	18°50	0°25	1°41	12°30	4°36	S 27
S 28	14 24 35	8° 0'05	20°22	12°17	21°37	7°36	16° 4	21°18	16° 0	29°22	18°51	0°22	1°38	12°37	4°40	S 28
M29	14 28 32	8°59'04	5♈14	13°39	22°38	8°13	16° 0	21°16	15°58	29°23	18°52	0°19	1°35	12°44	4°43	M29
T 30	14 32 29	9♉58'02	20♈18	15♈ 4	23♓39	8♋50	15♐55	21♍13	15♐57	29♒24	18♋52	0♊16	1♊31	12♎50	4♈46	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n26	5s32	4s37	1s21	1n36	8s59	3n33	24n32	1n32	21s43	0n58	4n45	2n 7	22s32	0n 5	11s56	0s 5	17n11	4s51	20n18	20n38	0n 2	4n21	3n25
T 2	4 49	1n 9	3 53	1 41	1 21	8 52	3 25	24 34	1 32	21 43	0 58	4 46	2 7	22 31	0 5	11 55	0 5	17 11	4 51	20 17	20 38	0s 1	4 23	3 25
W 3	5 12	7 46	2 52	1 58	1 6	8 44	3 16	24 36	1 32	21 43	0 58	4 48	2 7	22 31	0 5	11 54	0 5	17 12	4 51	20 16	20 37	0 5	4 24	3 25
T 4	5 35	13 52	1 39	2 13	0 51	8 36	3 7	24 38	1 32	21 42	0 58	4 50	2 7	22 31	0 5	11 54	0 5	17 12	4 50	20 15	20 37	0 8	4 26	3 25
F 5	5 58	19 1	0 22	2 25	0 37	8 28	2 59	24 40	1 32	21 42	0 58	4 51	2 7	22 31	0 5	11 53	0 5	17 12	4 50	20 15	20 36	0 11	4 27	3 25
S 6	6 21	22 54	0n55	2 34	0 22	8 18	2 51	24 42	1 32	21 42	0 58	4 53	2 7	22 31	0 5	11 53	0 5	17 12	4 50	20 15	20 35	0 14	4 28	3 25
S 7	6 44	25 18	2 6	2 41	0 9	8 9	2 42	24 43	1 32	21 42	0 58	4 55	2 7	22 31	0 5	11 52	0 5	17 12	4 50	20 15	20 35	0 17	4 30	3 25
M 8	7 6	26 9	3 8	2 45	0s 5	7 59	2 34	24 45	1 32	21 42	0 58	4 56	2 7	22 31	0 5	11 52	0 5	17 12	4 50	20 15	20 34	0 20	4 31	3 25
T 9	7 29	25 32	3 59	2 47	0 17	7 48	2 26	24 46	1 32	21 42	0 58	4 58	2 7	22 31	0 5	11 51	0 5	17 12	4 50	20 15	20 33	0 23	4 33	3 25
W10	7 51	23 36	4 36	2 47	0 30	7 37	2 18	24 47	1 32	21 41	0 58	4 59	2 7	22 31	0 5	11 50	0 5	17 13	4 49	20 15	20 33	0 26	4 34	3 25
T 11	8 13	20 36	5 0	2 44	0 41	7 26	2 10	24 48	1 32	21 41	0 59	5 1	2 7	22 31	0 5	11 50	0 5	17 13	4 49	20 15	20 32	0 29	4 36	3 25
F 12	8 36	16 46	5 10	2 40	0 53	7 14	2 3	24 48	1 32	21 41	0 59	5 2	2 7	22 31	0 5	11 49	0 5	17 13	4 49	20 14	20 32	0 32	4 37	3 25
S 13	8 58	12 18	5 6	2 33	1 3	7 1	1 55	24 49	1 32	21 41	0 59	5 4	2 7	22 31	0 5	11 49	0 5	17 13	4 49	20 12	20 31	0 35	4 38	3 25
S 14	9 19	7 25	4 48	2 24	1 13	6 48	1 47	24 49	1 32	21 40	0 59	5 5	2 7	22 30	0 5	11 48	0 5	17 13	4 49	20 11	20 30	0 39	4 40	3 25
M15	9 41	2 17	4 19	2 14	1 23	6 35	1 40	24 49	1 32	21 40	0 59	5 6	2 7	22 30	0 5	11 48	0 5	17 13	4 49	20 10	20 30	0 42	4 41	3 25
T 16	10 2	2s56	3 38	2 1	1 32	6 21	1 33	24 49	1 32	21 40	0 59	5 8	2 7	22 30	0 5	11 47	0 5	17 13	4 48	20 8	20 29	0 45	4 43	3 25
W17	10 24	8 4	2 48	1 47	1 40	6 7	1 25	24 49	1 32	21 39	0 59	5 9	2 6	22 30	0 5	11 47	0 5	17 14	4 48	20 7	20 29	0 48	4 44	3 25
T 18	10 45	12 57	1 50	1 31	1 48	5 52	1 18	24 49	1 32	21 39	0 59	5 10	2 6	22 30	0 5	11 46	0 5	17 14	4 48	20 6	20 28	0 51	4 45	3 25
F 19	11 6	17 22	0 46	1 14	1 55	5 37	1 11	24 48	1 32	21 39	0 59	5 12	2 6	22 30	0 5	11 46	0 5	17 14	4 48	20 6	20 27	0 54	4 47	3 25
S 20	11 27	21 8	0s20	0 55	2 2	5 22	1 4	24 47	1 31	21 38	0 59	5 13	2 6	22 30	0 5	11 46	0 5	17 14	4 48	20 6	20 27	0 57	4 48	3 25
S 21	11 47	24 0	1 26	0 34	2 8	5 6	0 58	24 46	1 31	21 38	0 59	5 14	2 6	22 30	0 5	11 45	0 5	17 14	4 48	20 6	20 26	1 0	4 49	3 25
M22	12 8	25 46	2 29	0 12	2 14	4 50	0 51	24 45	1 31	21 38	0 59	5 15	2 6	22 29	0 5	11 45	0 5	17 14	4 47	20 7	20 25	1 3	4 51	3 25
T 23	12 28	26 14	3 26	0n11	2 19	4 34	0 44	24 44	1 31	21 37	0 59	5 16	2 6	22 29	0 5	11 44	0 5	17 14	4 47	20 7	20 25	1 7	4 52	3 25
W24	12 48	25 17	4 15	0 35	2 23	4 17	0 38	24 42	1 31	21 37	0 59	5 17	2 6	22 29	0 5	11 44	0 5	17 14	4 47	20 7	20 24	1 10	4 53	3 25
T 25	13 7	22 53	4 50	1 1	2 27	4 0	0 32	24 41	1 31	21 36	0 59	5 18	2 6	22 29	0 5	11 43	0 5	17 14	4 47	20 7	20 23	1 13	4 55	3 25
F 26	13 27	19 7	5 11	1 28	2 31	3 42	0 25	24 39	1 31	21 36	1 0	5 19	2 6	22 29	0 5	11 43	0 5	17 14	4 47	20 7	20 23	1 16	4 56	3 25
S 27	13 46	14 11	5 13	1 56	2 34	3 24	0 19	24 37	1 31	21 35	1 0	5 20	2 5	22 29	0 5	11 43	0 5	17 14	4 47	20 7	20 22	1 19	4 57	3 25
S 28	14 5	8 20	4 56	2 25	2 36	3 6	0 13	24 35	1 31	21 35	1 0	5 21	2 5	22 28	0 5	11 42	0 5	17 15	4 47	20 6	20 22	1 22	4 59	3 25
M29	14 24	1 53	4 18	2 56	2 38	2 48	0 8	24 33	1 30	21 34	1 0	5 22	2 5	22 28	0 5	11 42	0 5	17 15	4 46	20 5	20 21	1 25	5 0	3 25
T 30	14n43	4n45	3s23	3n27	2s39	2s29	0n 2	24n30	1n30	21s34	1n 0	5n23	2n 5	22s28	0n 5	11s42	0s 5	17n15	4s46	20n 5	20n20	1s28	5n 1	3n25

Julian Day Number = 2874220.5, Delta T = 01h13m14s
Ecliptic obliquity = 23°17'27, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°56'46, Lahiri = 40°03'47

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ASTRODIENST EPHEMERIS for the year 3157
geocentric

MAY 3157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 36 25	10♉56'58	5♉24	16♈31	24♓40	9♋27	15°R50	21°R11	15°R55	29♒25	18♋53	0°R14	1♊28	12♎57	4♈49	W 1
T 2	14 40 22	11°55'52	20°24	17°59	25°42	10° 4	15♐45	21♍ 9	15♐53	29°26	18°54	0♊13	1°25	13° 4	4°52	T 2
F 3	14 44 18	12°54'45	5♊ 8	19°29	26°44	10°41	15°39	21° 7	15°51	29°27	18°54	0°D13	1°22	13°10	4°55	F 3
S 4	14 48 15	13°53'35	19°30	21° 0	27°46	11°18	15°34	21° 5	15°49	29°28	18°55	0°14	1°19	13°17	4°59	S 4
S 5	14 52 11	14°52'23	3♋26	22°34	28°49	11°54	15°29	21° 3	15°47	29°29	18°56	0°15	1°15	13°24	5° 2	S 5
M 6	14 56 8	15°51'09	16°56	24° 9	29°52	12°31	15°23	21° 1	15°45	29°30	18°56	0°16	1°12	13°30	5° 5	M 6
T 7	15 0 5	16°49'53	0♌ 1	25°45	0♈55	13° 8	15°17	20°59	15°43	29°31	18°57	0°17	1° 9	13°37	5° 8	T 7
W 8	15 4 1	17°48'35	12°43	27°23	1°58	13°45	15°11	20°58	15°41	29°31	18°58	0°R18	1° 6	13°44	5°11	W 8
T 9	15 7 58	18°47'14	25° 6	29° 3	3° 2	14°22	15° 5	20°56	15°39	29°32	18°59	0°17	1° 3	13°51	5°13	T 9
F 10	15 11 54	19°45'51	7♍14	0♉45	4° 5	14°59	14°59	20°55	15°36	29°33	19° 0	0°17	1° 0	13°57	5°16	F 10
S 11	15 15 51	20°44'26	19°13	2°28	5° 9	15°36	14°53	20°54	15°34	29°34	19° 0	0°16	0°56	14° 4	5°19	S 11
S 12	15 19 47	21°42'59	1♎ 5	4°13	6°14	16°13	14°46	20°53	15°32	29°34	19° 1	0°15	0°53	14°11	5°22	S 12
M13	15 23 44	22°41'30	12°55	6° 0	7°18	16°50	14°40	20°51	15°30	29°35	19° 2	0°14	0°50	14°17	5°25	M13
T 14	15 27 40	23°39'59	24°45	7°48	8°23	17°27	14°33	20°50	15°27	29°36	19° 3	0°13	0°47	14°24	5°28	T 14
W15	15 31 37	24°38'26	6♏40	9°38	9°28	18° 4	14°26	20°50	15°25	29°36	19° 4	0°12	0°44	14°31	5°30	W15
T 16	15 35 33	25°36'51	18°41	11°30	10°33	18°41	14°20	20°49	15°23	29°37	19° 5	0°12	0°41	14°37	5°33	T 16
F 17	15 39 30	26°35'15	0♐51	13°23	11°38	19°18	14°13	20°48	15°21	29°37	19° 6	0°D12	0°37	14°44	5°36	F 17
S 18	15 43 27	27°33'36	13°10	15°18	12°43	19°55	14° 6	20°48	15°18	29°38	19° 7	0°12	0°34	14°51	5°38	S 18
S 19	15 47 23	28°31'56	25°41	17°15	13°49	20°32	13°59	20°47	15°16	29°38	19° 8	0°12	0°31	14°57	5°41	S 19
M20	15 51 20	29°30'15	8♑25	19°14	14°55	21° 9	13°51	20°47	15°14	29°39	19° 9	0°12	0°28	15° 4	5°43	M20
T 21	15 55 16	0♊28'32	21°23	21°14	16° 1	21°46	13°44	20°47	15°11	29°39	19°10	0°R12	0°25	15°11	5°46	T 21
W22	15 59 13	1°26'47	4♒36	23°16	17° 7	22°23	13°37	20°47	15° 9	29°39	19°11	0°12	0°21	15°17	5°48	W22
T 23	16 3 9	2°25'01	18° 5	25°19	18°13	23° 1	13°30	20°D47	15° 6	29°40	19°12	0°12	0°18	15°24	5°51	T 23
F 24	16 7 6	3°23'13	1♓51	27°24	19°20	23°38	13°22	20°47	15° 4	29°40	19°13	0°D12	0°15	15°31	5°53	F 24
S 25	16 11 3	4°21'24	15°53	29°30	20°26	24°15	13°15	20°47	15° 1	29°40	19°14	0°12	0°12	15°37	5°55	S 25
S 26	16 14 59	5°19'34	0♈12	1♊37	21°33	24°52	13° 7	20°47	14°59	29°40	19°15	0°12	0° 9	15°44	5°58	S 26
M27	16 18 56	6°17'42	14°43	3°46	22°40	25°29	13° 0	20°48	14°56	29°41	19°16	0°13	0° 6	15°51	6° 0	M27
T 28	16 22 52	7°15'49	29°23	5°55	23°47	26° 6	12°52	20°48	14°54	29°41	19°17	0°13	0° 2	15°58	6° 2	T 28
W29	16 26 49	8°13'55	14♉ 6	8° 6	24°54	26°43	12°45	20°49	14°52	29°41	19°18	0°14	29♉59	16° 4	6° 4	W29
T 30	16 30 45	9°11'59	28°46	10°16	26° 1	27°20	12°37	20°49	14°49	29°41	19°20	0°R14	29°56	16°11	6° 6	T 30
F 31	16 34 42	10♊10'02	13♊17	12♊27	27♈ 9	27♋57	12♐29	20♍50	14♐47	29♒41	19♋21	0♊14	29♉53	16♎18	6♈ 8	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	15n 1	11n 9	2s13	3n59	2s40	2s10	0s 4	24n27	1n30	21s33	1n 0	5n24	2n 5	22s28	0n 5	11s41	0s 5	17n15	4s46	20n 4	20n20	1s31	5n 3	3n25	
T 2	15 19	16 52	0 54	4 32	2 40	1 51	0 9	24 25	1 30	21 33	1 0	5 24	2 5	22 28	0 5	11 41	0 5	17 15	4 46	20 4	20 19	1 35	5 4	3 25	
F 3	15 37	21 28	0n27	5 6	2 40	1 31	0 15	24 22	1 30	21 32	1 0	5 25	2 5	22 27	0 5	11 41	0 5	17 15	4 46	20 4	20 18	1 38	5 5	3 25	
S 4	15 55	24 37	1 45	5 41	2 39	1 11	0 20	24 18	1 30	21 31	1 0	5 26	2 5	22 27	0 5	11 40	0 5	17 15	4 46	20 4	20 18	1 41	5 6	3 25	
S 5	16 12	26 8	2 54	6 17	2 38	0 51	0 25	24 15	1 30	21 31	1 0	5 26	2 5	22 27	0 5	11 40	0 5	17 15	4 45	20 5	20 17	1 44	5 8	3 25	
M 6	16 29	26 2	3 51	6 53	2 36	0 31	0 30	24 11	1 29	21 30	1 0	5 27	2 4	22 27	0 5	11 40	0 5	17 15	4 45	20 5	20 16	1 47	5 9	3 25	
T 7	16 46	24 29	4 34	7 30	2 34	0 10	0 35	24 8	1 29	21 29	1 0	5 27	2 4	22 27	0 5	11 39	0 5	17 15	4 45	20 5	20 16	1 50	5 10	3 25	
W 8	17 2	21 43	5 2	8 8	2 31	0n10	0 40	24 4	1 29	21 29	1 0	5 28	2 4	22 26	0 5	11 39	0 5	17 15	4 45	20 5	20 15	1 53	5 11	3 25	
T 9	17 18	18 1	5 15	8 46	2 28	0 31	0 44	24 0	1 29	21 28	1 0	5 28	2 4	22 26	0 5	11 39	0 5	17 15	4 45	20 5	20 14	1 56	5 13	3 25	
F 10	17 34	13 40	5 14	9 25	2 24	0 52	0 49	23 56	1 29	21 27	1 0	5 29	2 4	22 26	0 5	11 39	0 5	17 15	4 45	20 5	20 14	1 59	5 14	3 26	
S 11	17 50	8 50	5 0	10 4	2 20	1 13	0 53	23 51	1 29	21 27	1 0	5 29	2 4	22 26	0 5	11 38	0 5	17 15	4 45	20 5	20 13	2 3	5 15	3 26	
S 12	18 5	3 44	4 32	10 44	2 15	1 35	0 57	23 47	1 29	21 26	1 0	5 29	2 4	22 26	0 5	11 38	0 5	17 15	4 44	20 5	20 13	2 6	5 16	3 26	
M13	18 20	1s29	3 53	11 24	2 10	1 56	1 1	23 42	1 28	21 25	1 0	5 30	2 3	22 25	0 5	11 38	0 5	17 15	4 44	20 4	20 12	2 9	5 17	3 26	
T 14	18 34	6 40	3 4	12 4	2 4	2 18	1 5	23 37	1 28	21 25	1 0	5 30	2 3	22 25	0 5	11 38	0 5	17 15	4 44	20 4	20 11	2 12	5 18	3 26	
W15	18 49	11 40	2 7	12 45	1 58	2 40	1 9	23 32	1 28	21 24	1 0	5 30	2 3	22 25	0 5	11 38	0 5	17 15	4 44	20 4	20 11	2 15	5 20	3 26	
T 16	19 3	16 16	1 3	13 26	1 51	3 2	1 13	23 27	1 28	21 23	1 0	5 30	2 3	22 25	0 5	11 37	0 5	17 15	4 44	20 4	20 10	2 18	5 21	3 26	
F 17	19 16	20 16	0s 4	14 7	1 44	3 24	1 17	23 21	1 28	21 22	1 0	5 30	2 3	22 24	0 5	11 37	0 5	17 15	4 44	20 4	20 9	2 21	5 22	3 26	
S 18	19 30	23 25	1 11	14 48	1 36	3 46	1 20	23 16	1 27	21 22	1 0	5 30	2 3	22 24	0 5	11 37	0 5	17 15	4 44	20 4	20 9	2 24	5 23	3 26	
S 19	19 43	25 30	2 17	15 28	1 28	4 8	1 24	23 10	1 27	21 21	1 0	5 31	2 3	22 24	0 5	11 37	0 5	17 15	4 43	20 4	20 8	2 28	5 24	3 26	
M20	19 55	26 18	3 17	16 9	1 19	4 30	1 27	23 4	1 27	21 20	1 0	5 31	2 2	22 24	0 5	11 37	0 5	17 15	4 43	20 4	20 7	2 31	5 25	3 26	
T 21	20 7	25 41	4 7	16 49	1 11	4 52	1 30	22 58	1 27	21 19	1 0	5 30	2 2	22 23	0 5	11 37	0 5	17 15	4 43	20 4	20 7	2 34	5 26	3 26	
W22	20 19	23 38	4 46	17 29	1 1	5 15	1 33	22 52	1 27	21 18	1 0	5 30	2 2	22 23	0 5	11 37	0 6	17 15	4 43	20 4	20 6	2 37	5 27	3 26	
T 23	20 31	20 14	5 10	18 8	0 52	5 37	1 36	22 46	1 26	21 17	1 0	5 30	2 2	22 23	0 5	11 36	0 6	17 15	4 43	20 4	20 5	2 40	5 28	3 27	
F 24	20 42	15 41	5 17	18 46	0 42	6 0	1 39	22 39	1 26	21 17	1 0	5 30	2 2	22 23	0 5	11 36	0 6	17 15	4 43	20 4	20 5	2 43	5 29	3 27	
S 25	20 53	10 14	5 5	19 24	0 32	6 22	1 41	22 33	1 26	21 16	1 0	5 30	2 2	22 22	0 5	11 36	0 6	17 15	4 43	20 4	20 4	2 46	5 30	3 27	
S 26	21 3	4 8	4 35	20 0	0 22	6 44	1 44	22 26	1 26	21 15	1 0	5 30	2 1	22 22	0 5	11 36	0 6	17 15	4 43	20 4	20 3	2 49	5 31	3 27	
M27	21 14	2n17	3 47	20 35	0 11	7 7	1 46	22 19	1 26	21 14	0 59	5 29	2 1	22 22	0 5	11 36	0 6	17 15	4 42	20 4	20 3	2 53	5 32	3 27	
T 28	21 23	8 38	2 43	21 9	0 1	7 29	1 49	22 12	1 25	21 13	0 59	5 29	2 1	22 22	0 5	11 36	0 6	17 15	4 42	20 4	20 2	2 56	5 33	3 27	
W29	21 33	14 34	1 28	21 41	0n10	7 52	1 51	22 5	1 25	21 12	0 59	5 29	2 1	22 21	0 5	11 36	0 6	17 15	4 42	20 4	20 1	2 59	5 34	3 27	
T 30	21 42	19 38	0 8	22 11	0 20	8 14	1 53	21 57	1 25	21 11	0 59	5 28	2 1	22 21	0 5	11 36	0 6	17 15	4 42	20 4	20 1	3 2	5 35	3 27	
F 31	21n50	23n26	1n12	22n39	0n31	8n36	1s55	21n50	1n25	21s11	0n59	5n28	2n 1	22s21	0n 5	11s36	0s 6	17n15	4s42	20n 4	20n 0	3s 5	5n36	3n27	

Julian Day Number = 2874250.5, Delta T = 01h13m15s
Ecliptic obliquity = 23°17'27, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°56'50, Lahiri = 40°03'51

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3157
geocentric

JUNE 3157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 38 38	11♊ 8'03	27♊31	14♊38	28♈16	28♋34	12°R22	20♍51	14°R44	29°R41	19♋22	0°R13	29♉50	16♎24	6♈10	S 1
S 2	16 42 35	12° 6'03	11♋26	16°49	29°24	29°11	12♐14	20°52	14♐41	29♒41	19°23	0♊12	29°47	16°31	6°12	S 2
M 3	16 46 32	13° 4'01	24°58	18°59	0♉31	29°48	12° 7	20°53	14°39	29°41	19°24	0°10	29°43	16°38	6°14	M 3
T 4	16 50 28	14° 1'58	8♌ 6	21° 9	1°39	0♌26	11°59	20°55	14°36	29°41	19°26	0° 8	29°40	16°44	6°16	T 4
W 5	16 54 25	14°59'52	20°52	23°17	2°47	1° 3	11°51	20°56	14°34	29°41	19°27	0° 7	29°37	16°51	6°18	W 5
T 6	16 58 21	15°57'45	3♍19	25°24	3°55	1°40	11°44	20°57	14°31	29°41	19°28	0° 6	29°34	16°58	6°20	T 6
F 7	17 2 18	16°55'36	15°29	27°29	5° 3	2°17	11°36	20°59	14°29	29°40	19°29	0°D 5	29°31	17° 4	6°21	F 7
S 8	17 6 14	17°53'26	27°28	29°32	6°12	2°54	11°28	21° 1	14°26	29°40	19°31	0° 5	29°27	17°11	6°23	S 8
S 9	17 10 11	18°51'14	9♎20	1♋33	7°20	3°31	11°21	21° 2	14°24	29°40	19°32	0° 6	29°24	17°18	6°25	S 9
M10	17 14 7	19°49'00	21°11	3°32	8°28	4° 8	11°13	21° 4	14°21	29°40	19°33	0° 8	29°21	17°24	6°26	M10
T 11	17 18 4	20°46'45	3♏ 3	5°29	9°37	4°45	11° 6	21° 6	14°19	29°39	19°34	0° 9	29°18	17°31	6°28	T 11
W12	17 22 1	21°44'29	15° 2	7°23	10°45	5°23	10°58	21° 8	14°16	29°39	19°36	0°11	29°15	17°38	6°29	W12
T 13	17 25 57	22°42'11	27°11	9°14	11°54	6° 0	10°51	21°10	14°14	29°39	19°37	0°R11	29°12	17°44	6°31	T 13
F 14	17 29 54	23°39'51	9♐32	11° 3	13° 3	6°37	10°44	21°13	14°11	29°38	19°38	0°11	29° 8	17°51	6°32	F 14
S 15	17 33 50	24°37'31	22° 7	12°49	14°12	7°14	10°37	21°15	14° 9	29°38	19°40	0°10	29° 5	17°58	6°33	S 15
S 16	17 37 47	25°35'09	4♑58	14°32	15°21	7°51	10°29	21°18	14° 7	29°37	19°41	0° 7	29° 2	18° 4	6°35	S 16
M17	17 41 43	26°32'47	18° 4	16°12	16°30	8°28	10°22	21°20	14° 4	29°37	19°42	0° 4	28°59	18°11	6°36	M17
T 18	17 45 40	27°30'23	1♒24	17°49	17°39	9° 5	10°15	21°23	14° 2	29°36	19°44	29♉59	28°56	18°18	6°37	T 18
W19	17 49 36	28°27'58	14°58	19°23	18°48	9°43	10° 8	21°26	13°59	29°36	19°45	29°55	28°53	18°25	6°38	W19
T 20	17 53 33	29°25'32	28°43	20°55	19°57	10°20	10° 1	21°28	13°57	29°35	19°46	29°52	28°49	18°31	6°39	T 20
F 21	17 57 30	0♋23'06	12♓38	22°23	21° 7	10°57	9°55	21°31	13°54	29°35	19°48	29°49	28°46	18°38	6°40	F 21
S 22	18 1 26	1°20'38	26°42	23°48	22°16	11°34	9°48	21°34	13°52	29°34	19°49	29°D48	28°43	18°45	6°41	S 22
S 23	18 5 23	2°18'10	10♈52	25°10	23°26	12°11	9°41	21°37	13°50	29°33	19°51	29°48	28°40	18°51	6°42	S 23
M24	18 9 19	3°15'42	25° 7	26°29	24°35	12°48	9°35	21°41	13°47	29°33	19°52	29°50	28°37	18°58	6°43	M24
T 25	18 13 16	4°13'12	9♉24	27°44	25°45	13°26	9°28	21°44	13°45	29°32	19°53	29°51	28°33	19° 5	6°44	T 25
W26	18 17 12	5°10'43	23°42	28°57	26°55	14° 3	9°22	21°47	13°43	29°31	19°55	29°R52	28°30	19°11	6°45	W26
T 27	18 21 9	6° 8'12	7♊56	0♌ 6	28° 4	14°40	9°16	21°51	13°41	29°30	19°56	29°52	28°27	19°18	6°45	T 27
F 28	18 25 6	7° 5'41	22° 3	1°12	29°14	15°17	9°10	21°54	13°38	29°30	19°58	29°50	28°24	19°25	6°46	F 28
S 29	18 29 2	8° 3'09	5♋58	2°14	0♊24	15°54	9° 4	21°58	13°36	29°29	19°59	29°47	28°21	19°31	6°46	S 29
S 30	18 32 59	9♋ 0'37	19♋39	3♌13	1♊34	16♌32	8♐58	22♍ 2	13♐34	29♒28	20♋ 1	29♉41	28♉18	19♎38	6♈47	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n58	25n42	2n26	23n 5	0n41	8n58	1s57	21n42	1n25	21s10	0n59	5n27	2n 1	22s20	0n 5	11s36	0s 6	17n15	4s42	20n 4	19n59	3s 8	5n37	3n27
S 2	22 6	26 16	3 29	23 29	0 51	9 20	1 59	21 34	1 24	21 9	0 59	5 27	2 0	22 20	0 5	11 36	0 6	17 15	4 42	20 4	19 59	3 11	5 38	3 28
M 3	22 14	25 15	4 19	23 50	1 0	9 42	2 0	21 26	1 24	21 8	0 59	5 26	2 0	22 20	0 5	11 36	0 6	17 15	4 42	20 4	19 58	3 14	5 39	3 28
T 4	22 21	22 51	4 53	24 9	1 9	10 4	2 2	21 18	1 24	21 7	0 59	5 25	2 0	22 20	0 5	11 36	0 6	17 15	4 41	20 3	19 57	3 18	5 39	3 28
W 5	22 27	19 22	5 12	24 25	1 18	10 26	2 3	21 10	1 24	21 6	0 59	5 25	2 0	22 19	0 5	11 36	0 6	17 15	4 41	20 3	19 57	3 21	5 40	3 28
T 6	22 33	15 8	5 16	24 39	1 26	10 48	2 4	21 1	1 23	21 5	0 59	5 24	2 0	22 19	0 5	11 36	0 6	17 15	4 41	20 3	19 56	3 24	5 41	3 28
F 7	22 39	10 22	5 5	24 50	1 34	11 9	2 5	20 53	1 23	21 4	0 58	5 23	2 0	22 19	0 5	11 36	0 6	17 15	4 41	20 3	19 55	3 27	5 42	3 28
S 8	22 45	5 18	4 41	24 58	1 40	11 31	2 7	20 44	1 23	21 3	0 58	5 22	1 59	22 19	0 5	11 36	0 6	17 15	4 41	20 3	19 55	3 30	5 42	3 28
S 9	22 50	0 5	4 5	25 3	1 47	11 52	2 7	20 35	1 23	21 2	0 58	5 22	1 59	22 18	0 5	11 37	0 6	17 15	4 41	20 3	19 54	3 33	5 43	3 28
M10	22 54	5s 8	3 19	25 7	1 52	12 13	2 8	20 26	1 22	21 1	0 58	5 21	1 59	22 18	0 5	11 37	0 6	17 15	4 41	20 3	19 53	3 36	5 44	3 28
T 11	22 58	10 12	2 24	25 7	1 57	12 34	2 9	20 17	1 22	21 1	0 58	5 20	1 59	22 18	0 5	11 37	0 6	17 14	4 41	20 3	19 53	3 39	5 45	3 29
W12	23 2	14 56	1 23	25 6	2 1	12 54	2 10	20 8	1 22	21 0	0 58	5 19	1 59	22 17	0 5	11 37	0 6	17 14	4 41	20 4	19 52	3 43	5 45	3 29
T 13	23 5	19 8	0 17	25 2	2 4	13 15	2 10	19 59	1 22	20 59	0 58	5 18	1 59	22 17	0 5	11 37	0 6	17 14	4 41	20 4	19 51	3 46	5 46	3 29
F 14	23 8	22 35	0s51	24 56	2 6	13 35	2 11	19 49	1 21	20 58	0 58	5 17	1 58	22 17	0 5	11 37	0 6	17 14	4 40	20 4	19 50	3 49	5 47	3 29
S 15	23 11	25 1	1 58	24 48	2 8	13 55	2 11	19 39	1 21	20 57	0 57	5 16	1 58	22 17	0 5	11 37	0 6	17 14	4 40	20 4	19 50	3 52	5 47	3 29
S 16	23 13	26 11	3 0	24 38	2 8	14 15	2 11	19 30	1 21	20 56	0 57	5 15	1 58	22 16	0 5	11 37	0 6	17 14	4 40	20 3	19 49	3 55	5 48	3 29
M17	23 15	25 56	3 53	24 26	2 8	14 34	2 11	19 20	1 21	20 55	0 57	5 13	1 58	22 16	0 5	11 38	0 6	17 14	4 40	20 2	19 48	3 58	5 49	3 29
T 18	23 16	24 11	4 35	24 13	2 7	14 53	2 11	19 10	1 20	20 54	0 57	5 12	1 58	22 16	0 5	11 38	0 6	17 14	4 40	20 1	19 48	4 1	5 49	3 29
W19	23 17	21 4	5 2	23 58	2 5	15 12	2 11	19 0	1 20	20 54	0 57	5 11	1 58	22 15	0 5	11 38	0 6	17 14	4 40	20 1	19 47	4 5	5 50	3 29
T 20	23 17	16 44	5 13	23 42	2 3	15 31	2 11	18 50	1 20	20 53	0 57	5 10	1 58	22 15	0 5	11 38	0 6	17 14	4 40	20 0	19 46	4 8	5 50	3 30
F 21	23 17	11 28	5 5	23 25	1 59	15 49	2 11	18 39	1 20	20 52	0 57	5 8	1 57	22 15	0 5	11 39	0 6	17 14	4 40	19 59	19 46	4 11	5 51	3 30
S 22	23 17	5 35	4 39	23 6	1 55	16 7	2 10	18 29	1 19	20 51	0 56	5 7	1 57	22 15	0 5	11 39	0 6	17 13	4 40	19 59	19 45	4 14	5 51	3 30
S 23	23 16	0n39	3 56	22 47	1 50	16 25	2 10	18 18	1 19	20 50	0 56	5 6	1 57	22 14	0 5	11 39	0 6	17 13	4 40	19 59	19 44	4 17	5 52	3 30
M24	23 15	6 53	2 58	22 26	1 45	16 42	2 9	18 7	1 19	20 50	0 56	5 4	1 57	22 14	0 5	11 39	0 6	17 13	4 40	19 59	19 44	4 20	5 52	3 30
T 25	23 13	12 48	1 49	22 5	1 38	16 59	2 9	17 57	1 19	20 49	0 56	5 3	1 57	22 14	0 5	11 40	0 6	17 13	4 39	20 0	19 43	4 23	5 53	3 30
W26	23 11	18 2	0 34	21 44	1 31	17 16	2 8	17 46	1 18	20 48	0 56	5 2	1 57	22 14	0 5	11 40	0 6	17 13	4 39	20 0	19 42	4 26	5 53	3 30
T 27	23 9	22 13	0n44	21 21	1 23	17 32	2 7	17 35	1 18	20 47	0 56	5 0	1 57	22 13	0 5	11 40	0 6	17 13	4 39	20 0	19 41	4 30	5 53	3 30
F 28	23 6	25 1	1 58	20 59	1 14	17 48	2 6	17 23	1 18	20 46	0 55	4 58	1 56	22 13	0 5	11 40	0 6	17 13	4 39	19 59	19 41	4 33	5 54	3 31
S 29	23 3	26 13	3 4	20 36	1 5	18 4	2 5	17 12	1 17	20 46	0 55	4 57	1 56	22 13	0 5	11 41	0 6	17 13	4 39	19 59	19 40	4 36	5 54	3 31
S 30	22n59	25n47	3n58	20n12	0n55	18n19	2s 4	17n 1	1n17	20s45	0n55	4n55	1n56	22s13	0n 5	11s41	0s 6	17n12	4s39	19n58	19n39	4s39	5n54	3n31

Julian Day Number = 2874281.5, Delta T = 01h13m16s
Ecliptic obliquity = 23°17'26, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°56'55, Lahiri = 40°03'55

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ASTRODIENST EPHEMERIS for the year 3157
geocentric

JULY 3157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 36 55	9♋58'03	3♌ 2	4♌ 9	2♊44	17♌ 9	8°R52	22♍ 6	13°R32	29°R27	20♋ 2	29°R35	28♉14	19♎45	6♈48	M 1
T 2	18 40 52	10°55'29	16° 6	5° 0	3°54	17°46	8♐47	22°10	13♐30	29♒26	20° 4	29♉28	28°11	19°51	6°48	T 2
W 3	18 44 48	11°52'53	28°50	5°48	5° 4	18°23	8°41	22°14	13°27	29°25	20° 5	29°21	28° 8	19°58	6°48	W 3
T 4	18 48 45	12°50'17	11♍16	6°32	6°14	19° 1	8°36	22°18	13°25	29°24	20° 6	29°16	28° 5	20° 5	6°49	T 4
F 5	18 52 41	13°47'40	23°27	7°12	7°25	19°38	8°31	22°22	13°23	29°23	20° 8	29°12	28° 2	20°11	6°49	F 5
S 6	18 56 38	14°45'02	5♎26	7°48	8°35	20°15	8°26	22°26	13°21	29°22	20° 9	29°10	27°59	20°18	6°49	S 6
S 7	19 0 35	15°42'23	17°18	8°20	9°45	20°52	8°21	22°31	13°19	29°21	20°11	29°D 9	27°55	20°25	6°49	S 7
M 8	19 4 31	16°39'43	29° 9	8°48	10°56	21°30	8°16	22°35	13°17	29°20	20°12	29°10	27°52	20°31	6°49	M 8
T 9	19 8 28	17°37'03	11♏ 2	9°11	12° 6	22° 7	8°12	22°39	13°15	29°19	20°14	29°11	27°49	20°38	6°R49	T 9
W10	19 12 24	18°34'22	23° 4	9°30	13°17	22°44	8° 7	22°44	13°13	29°18	20°15	29°R12	27°46	20°45	6°49	W10
T 11	19 16 21	19°31'40	5♐18	9°45	14°27	23°22	8° 3	22°49	13°12	29°17	20°17	29°12	27°43	20°51	6°49	T 11
F 12	19 20 17	20°28'57	17°48	9°54	15°38	23°59	7°59	22°53	13°10	29°16	20°18	29°11	27°39	20°58	6°49	F 12
S 13	19 24 14	21°26'14	0♑38	10° 0	16°49	24°36	7°55	22°58	13° 8	29°14	20°20	29° 7	27°36	21° 5	6°49	S 13
S 14	19 28 10	22°23'31	13°47	10°R 0	17°59	25°13	7°51	23° 3	13° 6	29°13	20°21	29° 1	27°33	21°11	6°49	S 14
M15	19 32 7	23°20'47	27°16	9°56	19°10	25°51	7°48	23° 8	13° 4	29°12	20°23	28°53	27°30	21°18	6°49	M15
T 16	19 36 4	24°18'03	11♒ 2	9°48	20°21	26°28	7°44	23°13	13° 3	29°11	20°24	28°44	27°27	21°25	6°48	T 16
W17	19 40 0	25°15'19	25° 2	9°35	21°32	27° 5	7°41	23°18	13° 1	29° 9	20°25	28°35	27°24	21°31	6°48	W17
T 18	19 43 57	26°12'34	9♓12	9°18	22°43	27°43	7°38	23°23	13° 0	29° 8	20°27	28°27	27°20	21°38	6°48	T 18
F 19	19 47 53	27° 9'49	23°26	8°57	23°54	28°20	7°35	23°29	12°58	29° 7	20°28	28°21	27°17	21°45	6°47	F 19
S 20	19 51 50	28° 7'05	7♈41	8°32	25° 5	28°57	7°32	23°34	12°56	29° 6	20°30	28°17	27°14	21°51	6°46	S 20
S 21	19 55 46	29° 4'20	21°54	8° 4	26°16	29°35	7°30	23°39	12°55	29° 4	20°31	28°16	27°11	21°58	6°46	S 21
M22	19 59 43	0♌ 1'36	6♉ 3	7°33	27°27	0♍12	7°27	23°45	12°53	29° 3	20°33	28°D16	27° 8	22° 5	6°45	M22
T 23	20 3 39	0°58'52	20° 6	7° 0	28°38	0°50	7°25	23°50	12°52	29° 2	20°34	28°16	27° 5	22°11	6°45	T 23
W24	20 7 36	1°56'08	4♊ 3	6°24	29°50	1°27	7°23	23°56	12°51	29° 0	20°36	28°R16	27° 1	22°18	6°44	W24
T 25	20 11 33	2°53'25	17°53	5°47	1♋ 1	2° 4	7°21	24° 1	12°49	28°59	20°37	28°15	26°58	22°25	6°43	T 25
F 26	20 15 29	3°50'42	1♋34	5°10	2°12	2°42	7°20	24° 7	12°48	28°57	20°38	28°11	26°55	22°31	6°42	F 26
S 27	20 19 26	4°47'59	15° 6	4°32	3°24	3°19	7°18	24°13	12°47	28°56	20°40	28° 4	26°52	22°38	6°41	S 27
S 28	20 23 22	5°45'16	28°26	3°55	4°35	3°57	7°17	24°19	12°46	28°54	20°41	27°55	26°49	22°45	6°40	S 28
M29	20 27 19	6°42'33	11♌32	3°19	5°47	4°34	7°16	24°25	12°45	28°53	20°43	27°44	26°45	22°51	6°39	M29
T 30	20 31 15	7°39'51	24°23	2°45	6°58	5°11	7°15	24°31	12°43	28°51	20°44	27°33	26°42	22°58	6°38	T 30
W31	20 35 12	8♌37'08	6♍58	2♌13	8♋10	5♍49	7♐14	24♍37	12♐42	28♒50	20♋46	27♉21	26♉39	23♎ 5	6♈37	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n55	23n51	4n37	19n49	0n44	18n34	2s 3	16n49	1n17	20s44	0n55	4n54	1n56	22s12	0n 5	11s41	0s 6	17n12	4s39	19n56	19n39	4s42	5n55	3n31
T 2	22 51	20 42	5 1	19 26	0 33	18 48	2 2	16 38	1 17	20 44	0 55	4 52	1 56	22 12	0 5	11 42	0 6	17 12	4 39	19 55	19 38	4 45	5 55	3 31
W 3	22 46	16 38	5 9	19 2	0 21	19 2	2 1	16 26	1 16	20 43	0 54	4 50	1 56	22 12	0 5	11 42	0 6	17 12	4 39	19 53	19 37	4 48	5 55	3 31
T 4	22 41	11 58	5 3	18 39	0 8	19 16	1 59	16 14	1 16	20 42	0 54	4 49	1 56	22 12	0 5	11 42	0 6	17 12	4 39	19 52	19 37	4 51	5 56	3 31
F 5	22 35	6 54	4 42	18 16	0s 5	19 29	1 58	16 2	1 16	20 42	0 54	4 47	1 55	22 11	0 5	11 43	0 6	17 12	4 39	19 51	19 36	4 55	5 56	3 31
S 6	22 29	1 41	4 10	17 54	0 19	19 41	1 56	15 50	1 15	20 41	0 54	4 45	1 55	22 11	0 5	11 43	0 6	17 12	4 39	19 51	19 35	4 58	5 56	3 32
S 7	22 22	3s34	3 27	17 32	0 33	19 53	1 55	15 38	1 15	20 41	0 54	4 43	1 55	22 11	0 5	11 43	0 6	17 11	4 39	19 51	19 34	5 1	5 56	3 32
M 8	22 16	8 41	2 35	17 11	0 48	20 5	1 53	15 26	1 15	20 40	0 53	4 41	1 55	22 11	0 5	11 44	0 6	17 11	4 39	19 51	19 34	5 4	5 56	3 32
T 9	22 8	13 31	1 37	16 50	1 3	20 16	1 51	15 14	1 15	20 40	0 53	4 39	1 55	22 10	0 5	11 44	0 6	17 11	4 38	19 51	19 33	5 7	5 56	3 32
W10	22 1	17 53	0 33	16 30	1 18	20 26	1 50	15 1	1 14	20 39	0 53	4 38	1 55	22 10	0 5	11 45	0 6	17 11	4 38	19 51	19 32	5 10	5 57	3 32
T 11	21 53	21 35	0s33	16 11	1 34	20 37	1 48	14 49	1 14	20 39	0 53	4 36	1 55	22 10	0 5	11 45	0 6	17 11	4 38	19 51	19 32	5 13	5 57	3 32
F 12	21 44	24 22	1 38	15 53	1 50	20 46	1 46	14 36	1 14	20 38	0 53	4 34	1 55	22 10	0 5	11 45	0 6	17 11	4 38	19 51	19 31	5 17	5 57	3 32
S 13	21 36	25 58	2 41	15 36	2 6	20 55	1 44	14 24	1 13	20 38	0 52	4 32	1 54	22 10	0 4	11 46	0 6	17 11	4 38	19 50	19 30	5 20	5 57	3 32
S 14	21 27	26 10	3 36	15 21	2 22	21 4	1 42	14 11	1 13	20 38	0 52	4 30	1 54	22 9	0 4	11 46	0 6	17 10	4 38	19 49	19 29	5 23	5 57	3 33
M15	21 17	24 50	4 20	15 6	2 38	21 12	1 40	13 58	1 13	20 37	0 52	4 28	1 54	22 9	0 4	11 47	0 6	17 10	4 38	19 47	19 29	5 26	5 57	3 33
T 16	21 7	22 1	4 51	14 53	2 54	21 19	1 38	13 45	1 12	20 37	0 52	4 25	1 54	22 9	0 4	11 47	0 6	17 10	4 38	19 45	19 28	5 29	5 57	3 33
W17	20 57	17 52	5 4	14 41	3 10	21 26	1 35	13 32	1 12	20 37	0 51	4 23	1 54	22 9	0 4	11 48	0 6	17 10	4 38	19 43	19 27	5 32	5 57	3 33
T 18	20 47	12 42	5 0	14 31	3 25	21 33	1 33	13 19	1 12	20 36	0 51	4 21	1 54	22 9	0 4	11 48	0 6	17 10	4 38	19 42	19 27	5 35	5 57	3 33
F 19	20 36	6 50	4 37	14 23	3 39	21 38	1 31	13 6	1 11	20 36	0 51	4 19	1 54	22 8	0 4	11 49	0 6	17 10	4 38	19 40	19 26	5 38	5 57	3 33
S 20	20 25	0 35	3 56	14 16	3 53	21 44	1 29	12 53	1 11	20 36	0 51	4 17	1 54	22 8	0 4	11 49	0 6	17 9	4 38	19 39	19 25	5 42	5 57	3 33
S 21	20 13	5n40	3 1	14 10	4 6	21 48	1 26	12 39	1 11	20 36	0 51	4 15	1 54	22 8	0 4	11 49	0 6	17 9	4 38	19 39	19 24	5 45	5 56	3 33
M22	20 1	11 38	1 56	14 6	4 18	21 52	1 24	12 26	1 10	20 35	0 50	4 12	1 53	22 8	0 4	11 50	0 6	17 9	4 38	19 39	19 24	5 48	5 56	3 34
T 23	19 49	16 58	0 43	14 4	4 29	21 56	1 21	12 12	1 10	20 35	0 50	4 10	1 53	22 8	0 4	11 50	0 6	17 9	4 38	19 39	19 23	5 51	5 56	3 34
W24	19 36	21 20	0n31	14 4	4 38	21 59	1 19	11 59	1 10	20 35	0 50	4 8	1 53	22 8	0 4	11 51	0 6	17 9	4 38	19 39	19 22	5 54	5 56	3 34
T 25	19 23	24 27	1 43	14 5	4 46	22 1	1 16	11 45	1 10	20 35	0 50	4 6	1 53	22 7	0 4	11 51	0 6	17 8	4 38	19 39	19 22	5 57	5 56	3 34
F 26	19 10	26 4	2 47	14 7	4 53	22 3	1 14	11 32	1 9	20 35	0 49	4 3	1 53	22 7	0 4	11 52	0 6	17 8	4 38	19 38	19 21	6 0	5 55	3 34
S 27	18 57	26 7	3 42	14 11	4 58	22 4	1 11	11 18	1 9	20 35	0 49	4 1	1 53	22 7	0 4	11 52	0 6	17 8	4 38	19 36	19 20	6 3	5 55	3 34
S 28	18 43	24 39	4 23	14 16	5 1	22 4	1 8	11 4	1 9	20 35	0 49	3 58	1 53	22 7	0 4	11 53	0 6	17 8	4 38	19 34	19 19	6 7	5 55	3 34
M29	18 29	21 52	4 50	14 23	5 3	22 4	1 6	10 50	1 8	20 35	0 49	3 56	1 53	22 7	0 4	11 53	0 6	17 8	4 38	19 32	19 19	6 10	5 55	3 34
T 30	18 14	18 3	5 1	14 31	5 3	22 3	1 3	10 36	1 8	20 35	0 49	3 54	1 53	22 7	0 4	11 54	0 6	17 8	4 38	19 29	19 18	6 13	5 54	3 34
W31	18n 0	13n30	4n58	14n39	5s 1	22n 2	1s 0	10n22	1n 8	20s35	0n48	3n51	1n53	22s 7	0n 4	11s55	0s 6	17n 7	4s38	19n27	19n17	6s16	5n54	3n35

Julian Day Number = 2874311.5, Delta T = 01h13m16s
Ecliptic obliquity = 23°17'27, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°56'59, Lahiri = 40°03'59

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ASTRODIENST EPHEMERIS for the year 3157
geocentric

AUGUST 3157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 39 8	9♌34'25	19♍19	1°R44	9♋21	6♍26	7°R13	24♍43	12°R41	28°R48	20♋47	27°R11	26♉36	23♎11	6°R36	T 1
F 2	20 43 5	10°31'42	1♎26	1♌18	10°33	7° 4	7♐13	24°49	12♐40	28♒47	20°48	27♉ 3	26°33	23°18	6♈35	F 2
S 3	20 47 2	11°29'00	13°23	0°57	11°45	7°41	7°13	24°55	12°39	28°45	20°50	26°57	26°30	23°25	6°34	S 3
S 4	20 50 58	12°26'17	25°14	0°40	12°56	8°19	7°D13	25° 1	12°39	28°44	20°51	26°54	26°26	23°31	6°32	S 4
M 5	20 54 55	13°23'35	7♏ 3	0°28	14° 8	8°56	7°13	25° 7	12°38	28°42	20°53	26°53	26°23	23°38	6°31	M 5
T 6	20 58 51	14°20'52	18°56	0°21	15°20	9°34	7°13	25°14	12°37	28°41	20°54	26°D53	26°20	23°45	6°29	T 6
W 7	21 2 48	15°18'10	0♐57	0°D19	16°32	10°11	7°14	25°20	12°36	28°39	20°55	26°R53	26°17	23°51	6°28	W 7
T 8	21 6 44	16°15'28	13°13	0°22	17°44	10°49	7°14	25°26	12°36	28°38	20°57	26°52	26°14	23°58	6°27	T 8
F 9	21 10 41	17°12'46	25°48	0°32	18°56	11°27	7°15	25°33	12°35	28°36	20°58	26°49	26°11	24° 5	6°25	F 9
S 10	21 14 37	18°10'05	8♑45	0°47	20° 8	12° 4	7°16	25°39	12°34	28°34	20°59	26°44	26° 7	24°11	6°23	S 10
S 11	21 18 34	19° 7'24	22° 7	1° 8	21°20	12°42	7°18	25°46	12°34	28°33	21° 1	26°36	26° 4	24°18	6°22	S 11
M12	21 22 31	20° 4'43	5♒53	1°34	22°32	13°19	7°19	25°53	12°33	28°31	21° 2	26°26	26° 1	24°25	6°20	M12
T 13	21 26 27	21° 2'02	20° 2	2° 7	23°44	13°57	7°21	25°59	12°33	28°30	21° 3	26°15	25°58	24°31	6°18	T 13
W14	21 30 24	21°59'22	4♓27	2°45	24°57	14°34	7°22	26° 6	12°33	28°28	21° 5	26° 4	25°55	24°38	6°17	W14
T 15	21 34 20	22°56'43	19° 3	3°30	26° 9	15°12	7°24	26°13	12°32	28°26	21° 6	25°53	25°51	24°45	6°15	T 15
F 16	21 38 17	23°54'04	3♈42	4°20	27°21	15°50	7°26	26°19	12°32	28°25	21° 7	25°45	25°48	24°51	6°13	F 16
S 17	21 42 13	24°51'27	18°17	5°16	28°34	16°27	7°29	26°26	12°32	28°23	21° 8	25°40	25°45	24°58	6°11	S 17
S 18	21 46 10	25°48'50	2♉43	6°17	29°46	17° 5	7°31	26°33	12°32	28°21	21°10	25°37	25°42	25° 5	6° 9	S 18
M19	21 50 6	26°46'15	16°57	7°24	0♌58	17°43	7°34	26°40	12°32	28°20	21°11	25°36	25°39	25°11	6° 7	M19
T 20	21 54 3	27°43'40	0♊57	8°36	2°11	18°20	7°37	26°47	12°31	28°18	21°12	25°36	25°36	25°18	6° 5	T 20
W21	21 58 0	28°41'07	14°44	9°53	3°23	18°58	7°40	26°54	12°D31	28°17	21°13	25°35	25°32	25°25	6° 3	W21
T 22	22 1 56	29°38'35	28°17	11°16	4°36	19°36	7°43	27° 1	12°32	28°15	21°14	25°33	25°29	25°31	6° 1	T 22
F 23	22 5 53	0♍36'04	11♋39	12°43	5°49	20°14	7°46	27° 8	12°32	28°13	21°16	25°28	25°26	25°38	5°59	F 23
S 24	22 9 49	1°33'34	24°49	14°15	7° 1	20°51	7°50	27°15	12°32	28°12	21°17	25°21	25°23	25°45	5°57	S 24
S 25	22 13 46	2°31'05	7♌47	15°52	8°14	21°29	7°53	27°22	12°32	28°10	21°18	25°11	25°20	25°51	5°55	S 25
M26	22 17 42	3°28'37	20°33	17°32	9°27	22° 7	7°57	27°29	12°32	28° 8	21°19	24°59	25°17	25°58	5°53	M26
T 27	22 21 39	4°26'10	3♍ 7	19°16	10°40	22°45	8° 1	27°36	12°32	28° 7	21°20	24°46	25°13	26° 5	5°50	T 27
W28	22 25 35	5°23'44	15°30	21° 4	11°53	23°23	8° 5	27°44	12°33	28° 5	21°21	24°33	25°10	26°11	5°48	W28
T 29	22 29 32	6°21'19	27°41	22°55	13° 5	24° 0	8° 9	27°51	12°33	28° 4	21°22	24°21	25° 7	26°18	5°46	T 29
F 30	22 33 29	7°18'54	9♎42	24°48	14°18	24°38	8°14	27°58	12°34	28° 2	21°24	24°12	25° 4	26°25	5°43	F 30
S 31	22 37 25	8♍16'31	21♎35	26♌44	15♌31	25♍16	8♐19	28♍ 5	12♐34	28♒ 0	21♋25	24♉ 5	25♉ 1	26♎31	5♈41	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n45	8n30	4n40	14n49	4s58	22n 0	0s58	10n 8	1n 7	20s35	0n48	3n49	1n52	22s 6	0n 4	11s55	0s 6	17n 7	4s38	19n24	19n16	6s19	5n54	3n35
F 2	17 29	3 15	4 10	14 59	4 53	21 58	0 55	9 54	1 7	20 36	0 48	3 46	1 52	22 6	0 4	11 56	0 6	17 7	4 38	19 23	19 16	6 22	5 53	3 35
S 3	17 14	2s 2	3 29	15 10	4 46	21 55	0 52	9 40	1 7	20 36	0 48	3 44	1 52	22 6	0 4	11 56	0 6	17 7	4 38	19 21	19 15	6 25	5 53	3 35
S 4	16 58	7 14	2 40	15 21	4 39	21 51	0 49	9 26	1 6	20 36	0 47	3 41	1 52	22 6	0 4	11 57	0 6	17 7	4 38	19 21	19 14	6 28	5 52	3 35
M 5	16 42	12 9	1 43	15 32	4 30	21 46	0 47	9 11	1 6	20 36	0 47	3 39	1 52	22 6	0 4	11 57	0 6	17 6	4 38	19 20	19 14	6 32	5 52	3 35
T 6	16 25	16 40	0 42	15 43	4 19	21 41	0 44	8 57	1 6	20 37	0 47	3 36	1 52	22 6	0 4	11 58	0 7	17 6	4 38	19 20	19 13	6 35	5 51	3 35
W 7	16 9	20 35	0s22	15 55	4 8	21 36	0 41	8 42	1 5	20 37	0 47	3 34	1 52	22 6	0 4	11 58	0 7	17 6	4 38	19 20	19 12	6 38	5 51	3 35
T 8	15 52	23 39	1 26	16 6	3 56	21 30	0 38	8 28	1 5	20 37	0 47	3 31	1 52	22 6	0 4	11 59	0 7	17 6	4 38	19 20	19 11	6 41	5 50	3 35
F 9	15 35	25 40	2 27	16 17	3 43	21 23	0 35	8 13	1 4	20 38	0 46	3 28	1 52	22 6	0 4	11 59	0 7	17 6	4 38	19 19	19 11	6 44	5 50	3 35
S 10	15 17	26 22	3 22	16 27	3 29	21 15	0 32	7 59	1 4	20 38	0 46	3 26	1 52	22 6	0 4	12 0	0 7	17 5	4 38	19 18	19 10	6 47	5 49	3 35
S 11	15 0	25 34	4 8	16 36	3 15	21 7	0 30	7 44	1 4	20 38	0 46	3 23	1 52	22 6	0 4	12 1	0 7	17 5	4 38	19 16	19 9	6 50	5 49	3 36
M12	14 42	23 14	4 42	16 45	3 1	20 59	0 27	7 30	1 3	20 39	0 46	3 20	1 52	22 6	0 4	12 1	0 7	17 5	4 38	19 14	19 8	6 53	5 48	3 36
T 13	14 24	19 26	4 59	16 53	2 45	20 50	0 24	7 15	1 3	20 39	0 45	3 18	1 52	22 6	0 4	12 2	0 7	17 5	4 38	19 12	19 8	6 56	5 48	3 36
W14	14 6	14 26	4 57	16 59	2 30	20 40	0 21	7 0	1 3	20 40	0 45	3 15	1 52	22 6	0 4	12 2	0 7	17 5	4 38	19 9	19 7	7 0	5 47	3 36
T 15	13 47	8 33	4 37	17 4	2 14	20 30	0 18	6 45	1 2	20 40	0 45	3 12	1 52	22 6	0 4	12 3	0 7	17 5	4 38	19 7	19 6	7 3	5 46	3 36
F 16	13 28	2 11	3 58	17 8	1 59	20 19	0 15	6 31	1 2	20 41	0 45	3 10	1 51	22 6	0 4	12 3	0 7	17 4	4 38	19 5	19 5	7 6	5 46	3 36
S 17	13 9	4n17	3 3	17 10	1 43	20 7	0 12	6 16	1 2	20 41	0 44	3 7	1 51	22 6	0 4	12 4	0 7	17 4	4 38	19 3	19 5	7 9	5 45	3 36
S 18	12 50	10 29	1 58	17 10	1 28	19 55	0 10	6 1	1 1	20 42	0 44	3 4	1 51	22 6	0 4	12 5	0 7	17 4	4 38	19 3	19 4	7 12	5 44	3 36
M19	12 31	16 4	0 46	17 9	1 12	19 42	0 7	5 46	1 1	20 43	0 44	3 1	1 51	22 6	0 4	12 5	0 7	17 4	4 38	19 2	19 3	7 15	5 44	3 36
T 20	12 11	20 41	0n28	17 5	0 57	19 29	0 4	5 31	1 1	20 43	0 44	2 59	1 51	22 6	0 4	12 6	0 7	17 4	4 38	19 2	19 2	7 18	5 43	3 36
W21	11 52	24 4	1 39	16 59	0 42	19 15	0 1	5 16	1 0	20 44	0 44	2 56	1 51	22 6	0 4	12 6	0 7	17 3	4 38	19 2	19 2	7 21	5 42	3 36
T 22	11 32	26 0	2 44	16 51	0 28	19 1	0n 2	5 1	1 0	20 45	0 43	2 53	1 51	22 6	0 4	12 7	0 7	17 3	4 38	19 2	19 1	7 24	5 41	3 36
F 23	11 12	26 24	3 38	16 40	0 14	18 46	0 4	4 46	0 59	20 46	0 43	2 50	1 51	22 6	0 4	12 7	0 7	17 3	4 38	19 1	19 0	7 28	5 41	3 36
S 24	10 51	25 17	4 19	16 27	0 1	18 31	0 7	4 31	0 59	20 46	0 43	2 47	1 51	22 6	0 4	12 8	0 7	17 3	4 38	18 59	18 59	7 31	5 40	3 36
S 25	10 31	22 50	4 47	16 11	0n12	18 15	0 10	4 15	0 59	20 47	0 43	2 45	1 51	22 6	0 4	12 9	0 7	17 3	4 38	18 57	18 59	7 34	5 39	3 36
M26	10 10	19 17	4 59	15 52	0 24	17 59	0 12	4 0	0 58	20 48	0 43	2 42	1 51	22 6	0 4	12 9	0 7	17 2	4 38	18 54	18 58	7 37	5 38	3 36
T 27	9 49	14 55	4 57	15 31	0 36	17 42	0 15	3 45	0 58	20 49	0 42	2 39	1 51	22 6	0 4	12 10	0 7	17 2	4 38	18 50	18 57	7 40	5 37	3 37
W28	9 29	10 0	4 41	15 7	0 46	17 24	0 18	3 30	0 58	20 50	0 42	2 36	1 51	22 6	0 4	12 10	0 7	17 2	4 38	18 47	18 56	7 43	5 36	3 37
T 29	9 7	4 46	4 12	14 41	0 56	17 6	0 20	3 15	0 57	20 51	0 42	2 33	1 51	22 6	0 4	12 11	0 7	17 2	4 38	18 45	18 56	7 46	5 36	3 37
F 30	8 46	0s34	3 32	14 12	1 5	16 48	0 23	2 59	0 57	20 51	0 42	2 30	1 51	22 6	0 4	12 11	0 7	17 2	4 38	18 42	18 55	7 49	5 35	3 37
S 31	8n25	5s51	2n43	13n40	1n13	16n29	0n25	2n44	0n56	20s52	0n41	2n27	1n51	22s 6	0n 4	12s12	0s 7	17n 1	4s38	18n41	18n54	7s52	5n34	3n37

Julian Day Number = 2874342.5, Delta T = 01h13m17s
Ecliptic obliquity = 23°17'27, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°57'03, Lahiri = 40°04'03

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3157
geocentric

SEPTEMBER 3157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 41 22	9♍14'09	3♏23	28♌41	16♌44	25♍54	8♐23	28♍13	12♐35	27°R59	21♋26	24°R 1	24♉57	26♎38	5°R39	S 1
M 2	22 45 18	10°11'48	15°10	0♍40	17°57	26°32	8°28	28°20	12°35	27♒57	21°27	23♉59	24°54	26°45	5♈36	M 2
T 3	22 49 15	11° 9'27	27° 1	2°40	19°11	27°10	8°33	28°27	12°36	27°56	21°28	23°D59	24°51	26°51	5°34	T 3
W 4	22 53 11	12° 7'08	9♐ 1	4°41	20°24	27°48	8°39	28°35	12°37	27°54	21°29	23°R59	24°48	26°58	5°31	W 4
T 5	22 57 8	13° 4'50	21°15	6°43	21°37	28°26	8°44	28°42	12°38	27°53	21°30	23°59	24°45	27° 5	5°29	T 5
F 6	23 1 4	14° 2'32	3♑49	8°44	22°50	29° 4	8°50	28°49	12°38	27°51	21°31	23°57	24°42	27°11	5°26	F 6
S 7	23 5 1	15° 0'16	16°47	10°46	24° 3	29°42	8°55	28°57	12°39	27°49	21°32	23°53	24°38	27°18	5°24	S 7
S 8	23 8 58	15°58'00	0♒12	12°47	25°17	0♎20	9° 1	29° 4	12°40	27°48	21°33	23°47	24°35	27°25	5°21	S 8
M 9	23 12 54	16°55'46	14° 6	14°48	26°30	0°58	9° 7	29°12	12°41	27°46	21°34	23°39	24°32	27°31	5°19	M 9
T 10	23 16 51	17°53'33	28°26	16°48	27°43	1°36	9°14	29°19	12°42	27°45	21°34	23°29	24°29	27°38	5°16	T 10
W11	23 20 47	18°51'21	13♓ 7	18°47	28°57	2°14	9°20	29°27	12°43	27°43	21°35	23°20	24°26	27°45	5°13	W11
T 12	23 24 44	19°49'10	28° 3	20°46	0♍10	2°52	9°26	29°34	12°44	27°42	21°36	23°11	24°23	27°51	5°11	T 12
F 13	23 28 40	20°47'00	13♈ 4	22°43	1°24	3°30	9°33	29°42	12°46	27°40	21°37	23° 4	24°19	27°58	5° 8	F 13
S 14	23 32 37	21°44'53	28° 1	24°39	2°37	4° 8	9°40	29°49	12°47	27°39	21°38	22°59	24°16	28° 5	5° 5	S 14
S 15	23 36 33	22°42'46	12♉46	26°34	3°51	4°46	9°47	29°57	12°48	27°37	21°39	22°57	24°13	28°11	5° 3	S 15
M16	23 40 30	23°40'42	27°15	28°28	5° 5	5°25	9°54	0♎ 4	12°49	27°36	21°39	22°D56	24°10	28°18	5° 0	M16
T 17	23 44 27	24°38'40	11♊23	0♎20	6°18	6° 3	10° 1	0°12	12°51	27°35	21°40	22°57	24° 7	28°25	4°57	T 17
W18	23 48 23	25°36'39	25°11	2°11	7°32	6°41	10° 8	0°19	12°52	27°33	21°41	22°R57	24° 3	28°31	4°54	W18
T 19	23 52 20	26°34'40	8♋39	4° 2	8°46	7°19	10°15	0°27	12°54	27°32	21°42	22°57	24° 0	28°38	4°52	T 19
F 20	23 56 16	27°32'43	21°50	5°50	10° 0	7°58	10°23	0°34	12°55	27°31	21°42	22°54	23°57	28°45	4°49	F 20
S 21	0 0 13	28°30'48	4♌45	7°38	11°13	8°36	10°31	0°42	12°57	27°29	21°43	22°49	23°54	28°51	4°46	S 21
S 22	0 4 9	29°28'55	17°26	9°24	12°27	9°14	10°38	0°50	12°58	27°28	21°44	22°42	23°51	28°58	4°44	S 22
M23	0 8 6	0♎27'03	29°55	11° 9	13°41	9°52	10°46	0°57	13° 0	27°27	21°44	22°33	23°48	29° 5	4°41	M23
T 24	0 12 2	1°25'13	12♍14	12°53	14°55	10°31	10°54	1° 5	13° 2	27°25	21°45	22°24	23°44	29°11	4°38	T 24
W25	0 15 59	2°23'25	24°23	14°36	16° 9	11° 9	11° 3	1°12	13° 3	27°24	21°46	22°14	23°41	29°18	4°35	W25
T 26	0 19 56	3°21'38	6♎24	16°17	17°23	11°48	11°11	1°20	13° 5	27°23	21°46	22° 6	23°38	29°25	4°32	T 26
F 27	0 23 52	4°19'53	18°18	17°58	18°37	12°26	11°19	1°27	13° 7	27°21	21°47	21°59	23°35	29°31	4°30	F 27
S 28	0 27 49	5°18'10	0♏ 7	19°37	19°51	13° 4	11°28	1°35	13° 9	27°20	21°47	21°54	23°32	29°38	4°27	S 28
S 29	0 31 45	6°16'28	11°54	21°15	21° 5	13°43	11°37	1°43	13°11	27°19	21°48	21°52	23°28	29°45	4°24	S 29
M30	0 35 42	7♎14'48	23♏41	22♎52	22♍20	14♎21	11♐45	1♎50	13♐13	27♒18	21♋48	21°D51	23♉25	29♎51	4♈21	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n 3	10s53	1n47	13n 7	1n20	16n10	0n28	2n29	0n56	20s53	0n41	2n24	1n51	22s 6	0n 4	12s12	0s 7	17n 1	4s38	18n40	18n53	7s56	5n33	3n37
M 2	7 42	15 33	0 47	12 31	1 26	15 50	0 30	2 13	0 56	20 54	0 41	2 22	1 51	22 6	0 4	12 13	0 7	17 1	4 38	18 39	18 53	7 59	5 32	3 37
T 3	7 20	19 38	0s16	11 53	1 31	15 30	0 33	1 58	0 55	20 55	0 41	2 19	1 51	22 6	0 4	12 14	0 7	17 1	4 38	18 39	18 52	8 2	5 31	3 37
W 4	6 58	22 58	1 19	11 13	1 36	15 9	0 35	1 43	0 55	20 56	0 41	2 16	1 51	22 6	0 4	12 14	0 7	17 1	4 38	18 39	18 51	8 5	5 30	3 37
T 5	6 36	25 20	2 20	10 32	1 39	14 48	0 38	1 27	0 55	20 57	0 40	2 13	1 51	22 7	0 4	12 15	0 7	17 1	4 38	18 39	18 50	8 8	5 29	3 37
F 6	6 14	26 29	3 15	9 49	1 42	14 27	0 40	1 12	0 54	20 58	0 40	2 10	1 51	22 7	0 4	12 15	0 7	17 0	4 38	18 39	18 49	8 11	5 28	3 37
S 7	5 52	26 15	4 3	9 5	1 44	14 5	0 42	0 57	0 54	21 0	0 40	2 7	1 51	22 7	0 4	12 16	0 7	17 0	4 38	18 38	18 49	8 14	5 27	3 37
S 8	5 30	24 31	4 38	8 20	1 45	13 43	0 44	0 41	0 53	21 1	0 40	2 4	1 51	22 7	0 4	12 16	0 7	17 0	4 38	18 36	18 48	8 17	5 26	3 37
M 9	5 8	21 16	4 59	7 34	1 45	13 20	0 47	0 26	0 53	21 2	0 40	2 1	1 51	22 7	0 4	12 17	0 7	17 0	4 38	18 34	18 47	8 20	5 25	3 37
T 10	4 45	16 40	5 2	6 47	1 45	12 57	0 49	0 10	0 53	21 3	0 39	1 58	1 51	22 7	0 4	12 17	0 7	17 0	4 38	18 32	18 46	8 23	5 24	3 37
W11	4 23	10 59	4 46	6 0	1 44	12 34	0 51	0s 5	0 52	21 4	0 39	1 55	1 51	22 7	0 4	12 18	0 7	17 0	4 38	18 29	18 46	8 27	5 23	3 37
T 12	4 0	4 35	4 10	5 12	1 42	12 10	0 53	0 20	0 52	21 5	0 39	1 52	1 51	22 7	0 4	12 18	0 7	16 59	4 38	18 27	18 45	8 30	5 22	3 37
F 13	3 38	2n 7	3 16	4 24	1 40	11 46	0 55	0 36	0 51	21 6	0 39	1 49	1 51	22 8	0 4	12 19	0 7	16 59	4 38	18 25	18 44	8 33	5 21	3 37
S 14	3 15	8 42	2 9	3 36	1 37	11 22	0 57	0 51	0 51	21 7	0 39	1 46	1 51	22 8	0 4	12 19	0 7	16 59	4 38	18 24	18 43	8 36	5 20	3 37
S 15	2 52	14 43	0 54	2 47	1 34	10 57	0 59	1 7	0 51	21 9	0 38	1 43	1 51	22 8	0 4	12 20	0 7	16 59	4 38	18 24	18 43	8 39	5 19	3 37
M16	2 30	19 48	0n23	1 59	1 30	10 32	1 1	1 22	0 50	21 10	0 38	1 40	1 51	22 8	0 4	12 20	0 7	16 59	4 38	18 24	18 42	8 42	5 17	3 37
T 17	2 7	23 37	1 37	1 11	1 26	10 7	1 2	1 37	0 50	21 11	0 38	1 37	1 51	22 8	0 4	12 21	0 7	16 59	4 38	18 24	18 41	8 45	5 16	3 37
W18	1 44	25 56	2 44	0 22	1 21	9 41	1 4	1 53	0 49	21 12	0 38	1 34	1 51	22 9	0 4	12 21	0 7	16 58	4 38	18 24	18 40	8 48	5 15	3 36
T 19	1 21	26 40	3 40	0s26	1 16	9 15	1 6	2 8	0 49	21 14	0 38	1 32	1 51	22 9	0 4	12 22	0 7	16 58	4 38	18 24	18 39	8 51	5 14	3 36
F 20	0 58	25 51	4 23	1 13	1 11	8 49	1 7	2 24	0 49	21 15	0 38	1 29	1 51	22 9	0 4	12 22	0 7	16 58	4 38	18 23	18 39	8 54	5 13	3 36
S 21	0 35	23 40	4 51	2 1	1 5	8 23	1 9	2 39	0 48	21 16	0 37	1 26	1 51	22 9	0 4	12 23	0 7	16 58	4 39	18 22	18 38	8 57	5 12	3 36
S 22	0 12	20 21	5 5	2 48	0 59	7 56	1 11	2 54	0 48	21 17	0 37	1 23	1 51	22 9	0 4	12 23	0 7	16 58	4 39	18 20	18 37	9 1	5 11	3 36
M23	0s11	16 10	5 4	3 34	0 53	7 29	1 12	3 10	0 47	21 19	0 37	1 20	1 51	22 10	0 4	12 24	0 7	16 58	4 39	18 18	18 36	9 4	5 10	3 36
T 24	0 34	11 22	4 48	4 21	0 47	7 2	1 13	3 25	0 47	21 20	0 37	1 17	1 51	22 10	0 4	12 24	0 7	16 57	4 39	18 15	18 36	9 7	5 8	3 36
W25	0 57	6 12	4 20	5 6	0 40	6 35	1 15	3 40	0 46	21 21	0 37	1 14	1 51	22 10	0 3	12 25	0 7	16 57	4 39	18 13	18 35	9 10	5 7	3 36
T 26	1 20	0 51	3 40	5 51	0 33	6 7	1 16	3 56	0 46	21 23	0 36	1 11	1 52	22 10	0 3	12 25	0 7	16 57	4 39	18 11	18 34	9 13	5 6	3 36
F 27	1 43	4s30	2 51	6 36	0 26	5 40	1 17	4 11	0 46	21 24	0 36	1 8	1 52	22 11	0 3	12 25	0 7	16 57	4 39	18 9	18 33	9 16	5 5	3 36
S 28	2 6	9 39	1 55	7 20	0 19	5 12	1 18	4 26	0 45	21 25	0 36	1 5	1 52	22 11	0 3	12 26	0 7	16 57	4 39	18 8	18 32	9 19	5 4	3 36
S 29	2 29	14 27	0 54	8 3	0 12	4 44	1 19	4 41	0 45	21 27	0 36	1 2	1 52	22 11	0 3	12 26	0 7	16 57	4 39	18 7	18 32	9 22	5 3	3 36
M30	2s52	18s44	0s10	8s46	0n 4	4n16	1n20	4s57	0n44	21s28	0n36	0n59	1n52	22s11	0n 3	12s27	0s 7	16n57	4s39	18n 7	18n31	9s25	5n 1	3n36

Julian Day Number = 2874373.5, Delta T = 01h13m17s
Ecliptic obliquity = 23°17'28, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°57'07, Lahiri = 40°04'08

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ASTRODIENST EPHEMERIS for the year 3157
geocentric

OCTOBER 3157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 39 38	8♎13'10	5♐32	24♎27	23♍34	15♎ 0	11♐54	1♎58	13♐15	27°R17	21♋49	21♉52	23♉22	29♎58	4°R19	T 1
W 2	0 43 35	9°11'33	17°32	26° 2	24°48	15°38	12° 3	2° 5	13°17	27♒16	21°49	21°54	23°19	0♏ 4	4♈16	W 2
T 3	0 47 31	10° 9'58	29°45	27°36	26° 2	16°17	12°12	2°13	13°19	27°15	21°50	21°55	23°16	0°11	4°13	T 3
F 4	0 51 28	11° 8'24	12♑16	29° 8	27°16	16°56	12°22	2°20	13°21	27°14	21°50	21°R55	23°13	0°18	4°10	F 4
S 5	0 55 24	12° 6'52	25° 9	0♏40	28°31	17°34	12°31	2°28	13°24	27°12	21°51	21°55	23° 9	0°24	4° 7	S 5
S 6	0 59 21	13° 5'21	8♒30	2°10	29°45	18°13	12°40	2°35	13°26	27°11	21°51	21°52	23° 6	0°31	4° 5	S 6
M 7	1 3 18	14° 3'52	22°19	3°39	0♎59	18°51	12°50	2°43	13°28	27°10	21°51	21°48	23° 3	0°38	4° 2	M 7
T 8	1 7 14	15° 2'25	6♓37	5° 8	2°14	19°30	13° 0	2°50	13°30	27° 9	21°52	21°43	23° 0	0°44	3°59	T 8
W 9	1 11 11	16° 0'59	21°20	6°35	3°28	20° 9	13° 9	2°58	13°33	27° 9	21°52	21°38	22°57	0°51	3°57	W 9
T 10	1 15 7	16°59'34	6♈22	8° 1	4°42	20°48	13°19	3° 5	13°35	27° 8	21°52	21°33	22°54	0°58	3°54	T 10
F 11	1 19 4	17°58'12	21°34	9°26	5°57	21°26	13°29	3°13	13°38	27° 7	21°53	21°29	22°50	1° 4	3°51	F 11
S 12	1 23 0	18°56'51	6♉47	10°49	7°11	22° 5	13°39	3°20	13°40	27° 6	21°53	21°26	22°47	1°11	3°49	S 12
S 13	1 26 57	19°55'33	21°50	12°12	8°26	22°44	13°49	3°27	13°43	27° 5	21°53	21°D26	22°44	1°18	3°46	S 13
M14	1 30 53	20°54'16	6♊35	13°34	9°40	23°23	14° 0	3°35	13°45	27° 4	21°53	21°26	22°41	1°24	3°43	M14
T 15	1 34 50	21°53'02	20°58	14°54	10°55	24° 2	14°10	3°42	13°48	27° 3	21°53	21°28	22°38	1°31	3°41	T 15
W16	1 38 47	22°51'50	4♋56	16°13	12°10	24°40	14°20	3°49	13°51	27° 3	21°54	21°29	22°34	1°38	3°38	W16
T 17	1 42 43	23°50'41	18°29	17°30	13°24	25°19	14°31	3°57	13°53	27° 2	21°54	21°R30	22°31	1°44	3°36	T 17
F 18	1 46 40	24°49'33	1♌39	18°47	14°39	25°58	14°42	4° 4	13°56	27° 1	21°54	21°30	22°28	1°51	3°33	F 18
S 19	1 50 36	25°48'28	14°29	20° 1	15°54	26°37	14°52	4°11	13°59	27° 1	21°54	21°29	22°25	1°58	3°31	S 19
S 20	1 54 33	26°47'25	27° 1	21°15	17° 8	27°16	15° 3	4°18	14° 1	27° 0	21°54	21°26	22°22	2° 4	3°28	S 20
M21	1 58 29	27°46'24	9♍19	22°26	18°23	27°55	15°14	4°26	14° 4	26°59	21°54	21°23	22°19	2°11	3°26	M21
T 22	2 2 26	28°45'25	21°26	23°36	19°38	28°34	15°25	4°33	14° 7	26°59	21°R54	21°19	22°15	2°18	3°23	T 22
W23	2 6 22	29°44'28	3♎25	24°44	20°52	29°13	15°36	4°40	14°10	26°58	21°54	21°16	22°12	2°24	3°21	W23
T 24	2 10 19	0♏43'34	15°18	25°50	22° 7	29°53	15°47	4°47	14°13	26°58	21°54	21°12	22° 9	2°31	3°18	T 24
F 25	2 14 16	1°42'41	27° 7	26°54	23°22	0♏32	15°58	4°54	14°16	26°57	21°54	21°10	22° 6	2°38	3°16	F 25
S 26	2 18 12	2°41'51	8♏54	27°55	24°37	1°11	16°10	5° 1	14°19	26°57	21°54	21° 8	22° 3	2°44	3°14	S 26
S 27	2 22 9	3°41'02	20°42	28°54	25°52	1°50	16°21	5° 8	14°22	26°56	21°54	21°D 8	22° 0	2°51	3°11	S 27
M28	2 26 5	4°40'15	2♐33	29°50	27° 7	2°29	16°32	5°15	14°25	26°56	21°54	21° 8	21°56	2°58	3° 9	M28
T 29	2 30 2	5°39'31	14°29	0♐43	28°21	3° 9	16°44	5°22	14°28	26°56	21°54	21° 9	21°53	3° 4	3° 7	T 29
W30	2 33 58	6°38'48	26°34	1°33	29°36	3°48	16°55	5°29	14°31	26°55	21°53	21°10	21°50	3°11	3° 5	W30
T 31	2 37 55	7♏38'07	8♑50	2♐19	0♏51	4♏27	17♐ 7	5♎36	14♐34	26♒55	21♋53	21♉12	21♉47	3♏17	3♈ 3	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s14	22s18	1s14	9s28	0s 3	3n47	1n21	5s12	0n44	21s29	0n36	0n56	1n52	22s12	0n 3	12s27	0s 7	16n57	4s39	18n 7	18n30	9s28	5n 0	3n36
W 2	3 37	24 57	2 15	10 10	0 11	3 19	1 22	5 27	0 43	21 31	0 35	0 53	1 52	22 12	0 3	12 27	0 7	16 56	4 39	18 8	18 29	9 31	4 59	3 36
T 3	4 0	26 29	3 11	10 50	0 18	2 50	1 23	5 42	0 43	21 32	0 35	0 50	1 52	22 12	0 3	12 28	0 7	16 56	4 39	18 8	18 28	9 34	4 58	3 35
F 4	4 23	26 43	4 0	11 30	0 26	2 22	1 24	5 57	0 43	21 33	0 35	0 47	1 52	22 12	0 3	12 28	0 7	16 56	4 39	18 8	18 28	9 37	4 57	3 35
S 5	4 46	25 32	4 38	12 9	0 33	1 53	1 24	6 12	0 42	21 35	0 35	0 45	1 52	22 13	0 3	12 29	0 7	16 56	4 39	18 8	18 27	9 40	4 56	3 35
S 6	5 8	22 54	5 3	12 48	0 41	1 24	1 25	6 27	0 42	21 36	0 35	0 42	1 52	22 13	0 3	12 29	0 7	16 56	4 39	18 7	18 26	9 44	4 54	3 35
M 7	5 31	18 53	5 11	13 25	0 49	0 55	1 26	6 42	0 41	21 37	0 35	0 39	1 52	22 13	0 3	12 29	0 7	16 56	4 39	18 6	18 25	9 47	4 53	3 35
T 8	5 53	13 41	5 1	14 2	0 57	0 26	1 26	6 57	0 41	21 39	0 34	0 36	1 52	22 14	0 3	12 30	0 7	16 56	4 39	18 5	18 24	9 50	4 52	3 35
W 9	6 16	7 34	4 31	14 38	1 4	0s 3	1 26	7 12	0 40	21 40	0 34	0 33	1 52	22 14	0 3	12 30	0 7	16 56	4 39	18 4	18 24	9 53	4 51	3 35
T 10	6 38	0 53	3 42	15 14	1 12	0 32	1 27	7 27	0 40	21 42	0 34	0 30	1 53	22 14	0 3	12 30	0 7	16 56	4 39	18 2	18 23	9 56	4 50	3 35
F 11	7 0	5n57	2 36	15 48	1 19	1 1	1 27	7 42	0 39	21 43	0 34	0 27	1 53	22 14	0 3	12 31	0 7	16 55	4 40	18 1	18 22	9 59	4 48	3 35
S 12	7 23	12 27	1 19	16 21	1 27	1 30	1 27	7 57	0 39	21 44	0 34	0 25	1 53	22 15	0 3	12 31	0 7	16 55	4 40	18 1	18 21	10 2	4 47	3 34
S 13	7 45	18 9	0n 2	16 54	1 34	1 59	1 27	8 11	0 39	21 46	0 34	0 22	1 53	22 15	0 3	12 31	0 7	16 55	4 40	18 0	18 20	10 5	4 46	3 34
M14	8 7	22 37	1 22	17 26	1 42	2 28	1 28	8 26	0 38	21 47	0 34	0 19	1 53	22 15	0 3	12 31	0 7	16 55	4 40	18 1	18 20	10 8	4 45	3 34
T 15	8 28	25 34	2 35	17 56	1 49	2 57	1 28	8 41	0 38	21 48	0 33	0 16	1 53	22 16	0 3	12 32	0 7	16 55	4 40	18 1	18 19	10 11	4 44	3 34
W16	8 50	26 48	3 36	18 26	1 56	3 26	1 28	8 55	0 37	21 50	0 33	0 13	1 53	22 16	0 3	12 32	0 7	16 55	4 40	18 1	18 18	10 14	4 43	3 34
T 17	9 12	26 23	4 24	18 55	2 3	3 55	1 27	9 10	0 37	21 51	0 33	0 11	1 53	22 16	0 3	12 32	0 7	16 55	4 40	18 2	18 17	10 17	4 42	3 34
F 18	9 33	24 28	4 56	19 23	2 10	4 24	1 27	9 24	0 36	21 52	0 33	0 8	1 53	22 17	0 3	12 32	0 7	16 55	4 40	18 2	18 16	10 20	4 40	3 34
S 19	9 55	21 22	5 12	19 49	2 16	4 53	1 27	9 39	0 36	21 54	0 33	0 5	1 53	22 17	0 3	12 33	0 7	16 55	4 40	18 1	18 16	10 23	4 39	3 33
S 20	10 16	17 20	5 13	20 15	2 23	5 21	1 27	9 53	0 35	21 55	0 33	0 2	1 54	22 17	0 3	12 33	0 7	16 55	4 40	18 1	18 15	10 26	4 38	3 33
M21	10 37	12 39	4 59	20 40	2 29	5 50	1 26	10 8	0 35	21 56	0 33	0s 0	1 54	22 18	0 3	12 33	0 7	16 55	4 40	18 0	18 14	10 29	4 37	3 33
T 22	10 58	7 33	4 32	21 3	2 35	6 18	1 26	10 22	0 34	21 58	0 32	0 3	1 54	22 18	0 3	12 33	0 7	16 55	4 40	17 59	18 13	10 32	4 36	3 33
W23	11 19	2 14	3 54	21 26	2 40	6 47	1 25	10 36	0 34	21 59	0 32	0 6	1 54	22 18	0 3	12 34	0 7	16 55	4 40	17 58	18 12	10 35	4 35	3 33
T 24	11 39	3s 8	3 5	21 47	2 46	7 15	1 25	10 50	0 33	22 0	0 32	0 9	1 54	22 19	0 3	12 34	0 7	16 55	4 40	17 57	18 12	10 38	4 34	3 33
F 25	12 0	8 23	2 9	22 7	2 51	7 43	1 24	11 4	0 33	22 2	0 32	0 11	1 54	22 19	0 3	12 34	0 7	16 54	4 40	17 56	18 11	10 42	4 33	3 32
S 26	12 20	13 19	1 7	22 25	2 55	8 11	1 23	11 18	0 33	22 3	0 32	0 14	1 54	22 19	0 3	12 34	0 7	16 54	4 40	17 56	18 10	10 45	4 31	3 32
S 27	12 40	17 47	0 2	22 43	3 0	8 39	1 23	11 32	0 32	22 4	0 32	0 16	1 54	22 20	0 3	12 34	0 7	16 54	4 40	17 56	18 9	10 48	4 30	3 32
M28	13 0	21 34	1s 3	22 59	3 3	9 6	1 22	11 46	0 32	22 6	0 32	0 19	1 55	22 20	0 3	12 34	0 7	16 54	4 40	17 56	18 8	10 51	4 29	3 32
T 29	13 20	24 29	2 6	23 13	3 7	9 34	1 21	12 0	0 31	22 7	0 31	0 22	1 55	22 21	0 3	12 34	0 7	16 54	4 41	17 56	18 8	10 54	4 28	3 32
W30	13 39	26 19	3 4	23 26	3 10	10 1	1 20	12 14	0 31	22 8	0 31	0 24	1 55	22 21	0 3	12 35	0 7	16 54	4 41	17 56	18 7	10 57	4 27	3 32
T 31	13s58	26s54	3s55	23s38	3s12	10s28	1n19	12s27	0n30	22s 9	0n31	0s27	1n55	22s21	0n 3	12s35	0s 7	16n54	4s41	17n57	18n 6	11s 0	4n26	3n31

Julian Day Number = 2874403.5, Delta T = 01h13m18s
Ecliptic obliquity = 23°17'28, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°57'11, Lahiri = 40°04'12

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ASTRODIENST EPHEMERIS for the year 3157
geocentric

NOVEMBER 3157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 41 51	8♏37'28	21♉22	3♐ 1	2♏ 6	5♏ 7	17♐19	5♎42	14♐38	26°R55	21°R53	21♉13	21♉44	3♏24	3°R 0	F 1
S 2	2 45 48	9°36'50	4♒13	3°39	3°21	5°46	17°31	5°49	14°41	26♒55	21♋53	21°R13	21°40	3°31	2♈58	S 2
S 3	2 49 45	10°36'14	17°27	4°11	4°36	6°25	17°42	5°56	14°44	26°54	21°52	21°13	21°37	3°37	2°56	S 3
M 4	2 53 41	11°35'40	1♓ 6	4°39	5°51	7° 5	17°54	6° 3	14°47	26°54	21°52	21°13	21°34	3°44	2°54	M 4
T 5	2 57 38	12°35'07	15°12	5° 0	7° 6	7°44	18° 6	6° 9	14°51	26°54	21°52	21°12	21°31	3°51	2°52	T 5
W 6	3 1 34	13°34'36	29°42	5°16	8°21	8°24	18°18	6°16	14°54	26°54	21°52	21°11	21°28	3°57	2°50	W 6
T 7	3 5 31	14°34'07	14♈34	5°24	9°36	9° 3	18°30	6°22	14°57	26°54	21°51	21°10	21°25	4° 4	2°48	T 7
F 8	3 9 27	15°33'39	29°40	5°R25	10°51	9°43	18°43	6°29	15° 0	26°D54	21°51	21°10	21°21	4°11	2°47	F 8
S 9	3 13 24	16°33'14	14♉53	5°18	12° 6	10°22	18°55	6°35	15° 4	26°54	21°50	21°D 9	21°18	4°17	2°45	S 9
S 10	3 17 20	17°32'50	0♊ 2	5° 2	13°21	11° 2	19° 7	6°42	15° 7	26°54	21°50	21° 9	21°15	4°24	2°43	S 10
M11	3 21 17	18°32'28	14°58	4°38	14°36	11°42	19°19	6°48	15°11	26°54	21°50	21°10	21°12	4°31	2°41	M11
T 12	3 25 14	19°32'09	29°33	4° 5	15°51	12°21	19°32	6°54	15°14	26°54	21°49	21°10	21° 9	4°37	2°40	T 12
W13	3 29 10	20°31'52	13♋44	3°23	17° 6	13° 1	19°44	7° 0	15°18	26°54	21°49	21°10	21° 6	4°44	2°38	W13
T 14	3 33 7	21°31'37	27°27	2°32	18°21	13°41	19°57	7° 6	15°21	26°55	21°48	21°R10	21° 2	4°51	2°36	T 14
F 15	3 37 3	22°31'24	10♌44	1°33	19°36	14°21	20° 9	7°13	15°25	26°55	21°48	21°10	20°59	4°57	2°35	F 15
S 16	3 41 0	23°31'13	23°36	0°26	20°52	15° 0	20°22	7°19	15°28	26°55	21°47	21°D10	20°56	5° 4	2°33	S 16
S 17	3 44 56	24°31'04	6♍ 7	29♏15	22° 7	15°40	20°34	7°25	15°32	26°55	21°47	21°10	20°53	5°11	2°32	S 17
M18	3 48 53	25°30'58	18°22	27°59	23°22	16°20	20°47	7°30	15°35	26°56	21°46	21°10	20°50	5°17	2°31	M18
T 19	3 52 49	26°30'53	0♎23	26°41	24°37	17° 0	21° 0	7°36	15°39	26°56	21°45	21°11	20°46	5°24	2°29	T 19
W20	3 56 46	27°30'51	12°16	25°24	25°52	17°40	21°13	7°42	15°42	26°56	21°45	21°11	20°43	5°30	2°28	W20
T 21	4 0 43	28°30'50	24° 4	24°10	27° 7	18°20	21°25	7°48	15°46	26°57	21°44	21°12	20°40	5°37	2°27	T 21
F 22	4 4 39	29°30'52	5♏52	23° 2	28°23	19° 0	21°38	7°54	15°49	26°57	21°43	21°13	20°37	5°44	2°26	F 22
S 23	4 8 36	0♐30'55	17°40	22° 1	29°38	19°40	21°51	7°59	15°53	26°58	21°43	21°R13	20°34	5°50	2°24	S 23
S 24	4 12 32	1°31'01	29°33	21° 9	0♐53	20°20	22° 4	8° 5	15°57	26°58	21°42	21°13	20°31	5°57	2°23	S 24
M25	4 16 29	2°31'08	11♐32	20°27	2° 8	21° 0	22°17	8°10	16° 0	26°59	21°41	21°12	20°27	6° 4	2°22	M25
T 26	4 20 25	3°31'17	23°39	19°57	3°24	21°40	22°30	8°15	16° 4	26°59	21°41	21°11	20°24	6°10	2°21	T 26
W27	4 24 22	4°31'28	5♑56	19°39	4°39	22°21	22°43	8°21	16° 8	27° 0	21°40	21° 9	20°21	6°17	2°20	W27
T 28	4 28 18	5°31'40	18°24	19°D32	5°54	23° 1	22°56	8°26	16°11	27° 1	21°39	21° 7	20°18	6°24	2°19	T 28
F 29	4 32 15	6°31'54	1♒ 5	19°37	7° 9	23°41	23° 9	8°31	16°15	27° 1	21°38	21° 5	20°15	6°30	2°19	F 29
S 30	4 36 12	7♐32'09	14♒ 2	19♏52	8♐25	24♏21	23♐22	8♎36	16♐19	27♒ 2	21♋38	21♉ 3	20♉11	6♏37	2♈18	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s17	26s 8	4s35	23s48	3s13	10s55	1n18	12s41	0n30	22s11	0n31	0s29	1n55	22s22	0n 3	12s35	0s 7	16n54	4s41	17n57	18n 5	11s 3	4n25	3n31
S 2	14 36	24 0	5 4	23 56	3 14	11 21	1 17	12 54	0 29	22 12	0 31	0 32	1 55	22 22	0 3	12 35	0 7	16 54	4 41	17 57	18 4	11 6	4 24	3 31
S 3	14 55	20 32	5 17	24 2	3 14	11 47	1 15	13 8	0 29	22 13	0 31	0 34	1 55	22 22	0 3	12 35	0 7	16 54	4 41	17 57	18 3	11 9	4 23	3 31
M 4	15 13	15 53	5 13	24 6	3 13	12 13	1 14	13 21	0 28	22 14	0 31	0 37	1 56	22 23	0 3	12 35	0 7	16 54	4 41	17 57	18 3	11 12	4 22	3 31
T 5	15 31	10 15	4 50	24 8	3 12	12 39	1 13	13 34	0 28	22 15	0 31	0 39	1 56	22 23	0 3	12 35	0 7	16 54	4 41	17 57	18 2	11 15	4 21	3 30
W 6	15 49	3 55	4 9	24 8	3 9	13 4	1 12	13 47	0 27	22 17	0 30	0 42	1 56	22 24	0 3	12 35	0 7	16 54	4 41	17 57	18 1	11 18	4 20	3 30
T 7	16 7	2n47	3 10	24 6	3 5	13 29	1 10	14 0	0 27	22 18	0 30	0 44	1 56	22 24	0 3	12 35	0 7	16 54	4 41	17 56	18 0	11 21	4 19	3 30
F 8	16 24	9 28	1 57	24 1	2 59	13 54	1 9	14 13	0 26	22 19	0 30	0 47	1 56	22 24	0 3	12 35	0 7	16 54	4 41	17 56	17 59	11 24	4 18	3 30
S 9	16 41	15 39	0 35	23 53	2 52	14 18	1 7	14 26	0 26	22 20	0 30	0 49	1 56	22 25	0 3	12 35	0 7	16 54	4 41	17 56	17 58	11 27	4 18	3 29
S 10	16 58	20 50	0n49	23 42	2 44	14 42	1 6	14 39	0 25	22 21	0 30	0 51	1 57	22 25	0 3	12 35	0 7	16 54	4 41	17 56	17 58	11 30	4 17	3 29
M11	17 14	24 35	2 9	23 28	2 34	15 6	1 4	14 51	0 25	22 22	0 30	0 54	1 57	22 25	0 3	12 35	0 7	16 54	4 41	17 56	17 57	11 33	4 16	3 29
T 12	17 30	26 35	3 18	23 10	2 23	15 29	1 2	15 4	0 24	22 23	0 30	0 56	1 57	22 26	0 3	12 35	0 7	16 54	4 41	17 56	17 56	11 36	4 15	3 29
W13	17 46	26 47	4 13	22 49	2 10	15 52	1 1	15 16	0 24	22 24	0 30	0 58	1 57	22 26	0 3	12 35	0 7	16 54	4 41	17 56	17 55	11 39	4 14	3 29
T 14	18 2	25 18	4 51	22 25	1 55	16 14	0 59	15 29	0 23	22 25	0 29	1 0	1 57	22 27	0 3	12 35	0 7	16 54	4 41	17 56	17 54	11 42	4 13	3 28
F 15	18 17	22 27	5 13	21 57	1 38	16 36	0 57	15 41	0 23	22 26	0 29	1 3	1 57	22 27	0 3	12 35	0 7	16 54	4 41	17 56	17 54	11 45	4 12	3 28
S 16	18 32	18 34	5 18	21 26	1 20	16 58	0 55	15 53	0 22	22 27	0 29	1 5	1 58	22 27	0 3	12 35	0 7	16 54	4 41	17 56	17 53	11 48	4 12	3 28
S 17	18 47	13 58	5 7	20 52	1 1	17 19	0 53	16 5	0 22	22 28	0 29	1 7	1 58	22 28	0 3	12 35	0 7	16 54	4 41	17 56	17 52	11 51	4 11	3 28
M18	19 1	8 55	4 43	20 15	0 41	17 40	0 52	16 17	0 21	22 29	0 29	1 9	1 58	22 28	0 3	12 35	0 7	16 55	4 41	17 56	17 51	11 54	4 10	3 27
T 19	19 15	3 37	4 7	19 38	0 21	18 0	0 50	16 29	0 21	22 30	0 29	1 11	1 58	22 29	0 3	12 34	0 7	16 55	4 42	17 57	17 50	11 57	4 9	3 27
W20	19 29	1s45	3 20	19 0	0 0	18 20	0 48	16 40	0 20	22 31	0 29	1 13	1 58	22 29	0 3	12 34	0 7	16 55	4 42	17 57	17 49	12 0	4 9	3 27
T 21	19 42	7 2	2 25	18 22	0n20	18 39	0 46	16 52	0 20	22 32	0 29	1 15	1 59	22 29	0 3	12 34	0 7	16 55	4 42	17 57	17 49	12 3	4 8	3 27
F 22	19 55	12 4	1 24	17 47	0 40	18 58	0 44	17 3	0 19	22 33	0 29	1 17	1 59	22 30	0 3	12 34	0 7	16 55	4 42	17 57	17 48	12 6	4 7	3 27
S 23	20 8	16 41	0 20	17 13	0 58	19 16	0 41	17 15	0 18	22 34	0 28	1 19	1 59	22 30	0 3	12 34	0 7	16 55	4 42	17 57	17 47	12 9	4 7	3 26
S 24	20 20	20 41	0s46	16 44	1 15	19 34	0 39	17 26	0 18	22 35	0 28	1 21	1 59	22 31	0 3	12 34	0 7	16 55	4 42	17 57	17 46	12 12	4 6	3 26
M25	20 32	23 51	1 50	16 19	1 30	19 51	0 37	17 37	0 17	22 36	0 28	1 23	1 59	22 31	0 3	12 34	0 7	16 55	4 42	17 57	17 45	12 15	4 5	3 26
T 26	20 44	25 59	2 50	15 58	1 43	20 8	0 35	17 48	0 17	22 37	0 28	1 25	2 0	22 31	0 3	12 33	0 7	16 55	4 42	17 57	17 44	12 18	4 5	3 26
W27	20 55	26 53	3 43	15 43	1 54	20 24	0 33	17 59	0 16	22 37	0 28	1 27	2 0	22 32	0 3	12 33	0 7	16 55	4 42	17 56	17 43	12 21	4 4	3 25
T 28	21 6	26 26	4 26	15 32	2 3	20 39	0 31	18 9	0 16	22 38	0 28	1 29	2 0	22 32	0 3	12 33	0 7	16 55	4 42	17 56	17 43	12 24	4 3	3 25
F 29	21 16	24 37	4 57	15 26	2 10	20 54	0 28	18 20	0 15	22 39	0 28	1 31	2 0	22 32	0 3	12 33	0 7	16 55	4 42	17 55	17 42	12 27	4 3	3 25
S 30	21s26	21s31	5s14	15s25	2n16	21s 9	0n26	18s30	0n15	22s40	0n28	1s33	2n 1	22s33	0n 3	12s32	0s 7	16n55	4s42	17n55	17n41	12s30	4n 2	3n25

Julian Day Number = 2874434.5, Delta T = 01h13m19s
Ecliptic obliquity = 23°17'28, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°57'16, Lahiri = 40°04'16

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ASTRODIENST EPHEMERIS for the year 3157
geocentric

DECEMBER 3157 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 40 8	8♐32'26	27♒16	20♏17	9♐40	25♏ 2	23♐35	8♎41	16♐22	27♒ 3	21°R37	21°R 2	20♉ 8	6♏44	2°R17	S 1
M 2	4 44 5	9°32'44	10♓48	20°51	10°55	25°42	23°49	8°46	16°26	27° 4	21♋36	21°D 2	20° 5	6°50	2♈17	M 2
T 3	4 48 1	10°33'03	24°41	21°33	12°10	26°22	24° 2	8°51	16°30	27° 5	21°35	21♉ 2	20° 2	6°57	2°16	T 3
W 4	4 51 58	11°33'24	8♈53	22°22	13°26	27° 3	24°15	8°56	16°34	27° 5	21°34	21° 3	19°59	7° 4	2°15	W 4
T 5	4 55 54	12°33'46	23°24	23°18	14°41	27°43	24°28	9° 1	16°37	27° 6	21°33	21° 5	19°56	7°10	2°15	T 5
F 6	4 59 51	13°34'09	8♉10	24°19	15°56	28°24	24°42	9° 5	16°41	27° 7	21°32	21° 6	19°52	7°17	2°14	F 6
S 7	5 3 47	14°34'33	23° 5	25°25	17°11	29° 4	24°55	9°10	16°45	27° 8	21°31	21°R 6	19°49	7°24	2°14	S 7
S 8	5 7 44	15°34'59	8♊ 2	26°36	18°27	29°45	25° 8	9°14	16°49	27° 9	21°30	21° 5	19°46	7°30	2°14	S 8
M 9	5 11 41	16°35'27	22°53	27°50	19°42	0♐25	25°22	9°19	16°52	27°10	21°30	21° 3	19°43	7°37	2°13	M 9
T 10	5 15 37	17°35'56	7♋30	29° 7	20°57	1° 6	25°35	9°23	16°56	27°11	21°29	21° 0	19°40	7°43	2°13	T 10
W11	5 19 34	18°36'27	21°46	0♐27	22°13	1°46	25°48	9°27	17° 0	27°12	21°28	20°56	19°37	7°50	2°13	W11
T 12	5 23 30	19°36'59	5♌37	1°49	23°28	2°27	26° 2	9°31	17° 3	27°13	21°27	20°51	19°33	7°57	2°13	T 12
F 13	5 27 27	20°37'33	19° 1	3°12	24°43	3° 8	26°15	9°35	17° 7	27°15	21°26	20°47	19°30	8° 3	2°D13	F 13
S 14	5 31 23	21°38'08	1♍59	4°38	25°59	3°49	26°28	9°39	17°11	27°16	21°25	20°44	19°27	8°10	2°13	S 14
S 15	5 35 20	22°38'45	14°34	6° 5	27°14	4°29	26°42	9°43	17°15	27°17	21°24	20°43	19°24	8°17	2°13	S 15
M16	5 39 17	23°39'24	26°50	7°33	28°29	5°10	26°55	9°47	17°18	27°18	21°23	20°D42	19°21	8°23	2°13	M16
T 17	5 43 13	24°40'04	8♎51	9° 1	29°45	5°51	27° 9	9°50	17°22	27°19	21°21	20°43	19°18	8°30	2°13	T 17
W18	5 47 10	25°40'46	20°42	10°31	1♑ 0	6°32	27°22	9°54	17°26	27°21	21°20	20°45	19°14	8°37	2°14	W18
T 19	5 51 6	26°41'29	2♏29	12° 1	2°15	7°13	27°36	9°57	17°29	27°22	21°19	20°47	19°11	8°43	2°14	T 19
F 20	5 55 3	27°42'14	14°17	13°32	3°31	7°54	27°49	10° 1	17°33	27°23	21°18	20°48	19° 8	8°50	2°14	F 20
S 21	5 58 59	28°43'00	26° 8	15° 3	4°46	8°35	28° 3	10° 4	17°37	27°25	21°17	20°R48	19° 5	8°57	2°15	S 21
S 22	6 2 56	29°43'47	8♐ 8	16°34	6° 1	9°16	28°16	10° 7	17°40	27°26	21°16	20°46	19° 2	9° 3	2°15	S 22
M23	6 6 52	0♑44'36	20°18	18° 6	7°17	9°57	28°29	10°10	17°44	27°27	21°15	20°43	18°58	9°10	2°16	M23
T 24	6 10 49	1°45'26	2♑39	19°38	8°32	10°38	28°43	10°13	17°48	27°29	21°14	20°37	18°55	9°17	2°16	T 24
W25	6 14 46	2°46'16	15°14	21°11	9°47	11°19	28°56	10°16	17°51	27°30	21°13	20°30	18°52	9°23	2°17	W25
T 26	6 18 42	3°47'08	28° 2	22°43	11° 3	12° 0	29°10	10°19	17°55	27°32	21°11	20°22	18°49	9°30	2°18	T 26
F 27	6 22 39	4°48'01	11♒ 3	24°16	12°18	12°42	29°23	10°22	17°59	27°33	21°10	20°14	18°46	9°36	2°18	F 27
S 28	6 26 35	5°48'55	24°16	25°48	13°34	13°23	29°37	10°24	18° 2	27°35	21° 9	20° 7	18°43	9°43	2°19	S 28
S 29	6 30 32	6°49'49	7♓41	27°21	14°49	14° 4	29°50	10°27	18° 6	27°37	21° 8	20° 1	18°39	9°50	2°20	S 29
M30	6 34 28	7°50'43	21°18	28°54	16° 4	14°46	0♑ 3	10°29	18° 9	27°38	21° 7	19°58	18°36	9°56	2°21	M30
T 31	6 38 25	8♑51'39	5♈ 7	0♑27	17♑20	15♐27	0♑17	10♎31	18♐13	27♒40	21♋ 6	19°D56	18♉33	10♏ 3	2♈22	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s36	17s16	5s14	15s27	2n20	21s22	0n24	18s41	0n14	22s41	0n28	1s34	2n 1	22s33	0n 3	12s32	0s 7	16n56	4s42	17n54	17n40	12s33	4n 2	3n24
M 2	21 45	12 3	4 58	15 34	2 22	21 35	0 21	18 51	0 14	22 41	0 28	1 36	2 1	22 34	0 3	12 32	0 7	16 56	4 42	17 54	17 39	12 36	4 1	3 24
T 3	21 53	6 8	4 23	15 44	2 23	21 48	0 19	19 1	0 13	22 42	0 28	1 38	2 1	22 34	0 3	12 32	0 7	16 56	4 42	17 54	17 38	12 39	4 1	3 24
W 4	22 2	0n15	3 32	15 57	2 23	22 0	0 17	19 10	0 13	22 43	0 27	1 39	2 1	22 34	0 3	12 31	0 7	16 56	4 42	17 55	17 38	12 42	4 0	3 24
T 5	22 10	6 45	2 27	16 12	2 22	22 11	0 14	19 20	0 12	22 43	0 27	1 41	2 2	22 35	0 3	12 31	0 7	16 56	4 42	17 55	17 37	12 45	4 0	3 23
F 6	22 17	13 1	1 11	16 29	2 19	22 21	0 12	19 30	0 11	22 44	0 27	1 43	2 2	22 35	0 3	12 31	0 7	16 56	4 42	17 55	17 36	12 48	4 0	3 23
S 7	22 24	18 36	0n11	16 48	2 16	22 31	0 10	19 39	0 11	22 45	0 27	1 44	2 2	22 35	0 3	12 30	0 7	16 56	4 42	17 55	17 35	12 51	3 59	3 23
S 8	22 31	23 1	1 32	17 8	2 12	22 40	0 7	19 48	0 10	22 45	0 27	1 46	2 2	22 36	0 3	12 30	0 8	16 56	4 42	17 55	17 34	12 54	3 59	3 23
M 9	22 37	25 52	2 46	17 29	2 8	22 49	0 5	19 57	0 10	22 46	0 27	1 47	2 3	22 36	0 3	12 30	0 8	16 57	4 42	17 55	17 33	12 56	3 59	3 22
T 10	22 43	26 52	3 48	17 50	2 3	22 57	0 2	20 6	0 9	22 46	0 27	1 49	2 3	22 37	0 3	12 29	0 8	16 57	4 42	17 54	17 32	12 59	3 58	3 22
W11	22 48	26 3	4 34	18 13	1 57	23 4	0 0	20 15	0 9	22 47	0 27	1 50	2 3	22 37	0 3	12 29	0 8	16 57	4 42	17 53	17 32	13 2	3 58	3 22
T 12	22 53	23 38	5 3	18 35	1 51	23 10	0s 2	20 23	0 8	22 47	0 27	1 51	2 3	22 37	0 3	12 29	0 8	16 57	4 42	17 51	17 31	13 5	3 58	3 21
F 13	22 58	19 59	5 13	18 57	1 45	23 16	0 5	20 32	0 7	22 48	0 27	1 53	2 4	22 38	0 3	12 28	0 8	16 57	4 42	17 50	17 30	13 8	3 57	3 21
S 14	23 2	15 29	5 7	19 19	1 38	23 21	0 7	20 40	0 7	22 48	0 27	1 54	2 4	22 38	0 3	12 28	0 8	16 57	4 42	17 50	17 29	13 11	3 57	3 21
S 15	23 5	10 27	4 47	19 41	1 31	23 25	0 10	20 48	0 6	22 49	0 26	1 55	2 4	22 38	0 3	12 28	0 8	16 57	4 42	17 49	17 28	13 14	3 57	3 21
M16	23 8	5 8	4 13	20 3	1 24	23 29	0 12	20 56	0 6	22 49	0 26	1 57	2 4	22 39	0 3	12 27	0 8	16 58	4 42	17 49	17 27	13 17	3 57	3 20
T 17	23 11	0s16	3 30	20 23	1 17	23 32	0 14	21 4	0 5	22 49	0 26	1 58	2 5	22 39	0 3	12 27	0 8	16 58	4 42	17 49	17 26	13 20	3 57	3 20
W18	23 13	5 36	2 37	20 44	1 10	23 34	0 17	21 11	0 5	22 50	0 26	1 59	2 5	22 40	0 3	12 26	0 8	16 58	4 42	17 50	17 26	13 23	3 56	3 20
T 19	23 15	10 43	1 38	21 3	1 3	23 35	0 19	21 19	0 4	22 50	0 26	2 0	2 5	22 40	0 3	12 26	0 8	16 58	4 42	17 50	17 25	13 26	3 56	3 20
F 20	23 16	15 27	0 36	21 22	0 55	23 36	0 22	21 26	0 3	22 50	0 26	2 1	2 5	22 40	0 3	12 25	0 8	16 58	4 42	17 51	17 24	13 29	3 56	3 19
S 21	23 17	19 38	0s29	21 40	0 48	23 36	0 24	21 33	0 3	22 51	0 26	2 2	2 6	22 41	0 3	12 25	0 8	16 58	4 42	17 51	17 23	13 32	3 56	3 19
S 22	23 17	23 3	1 33	21 57	0 41	23 35	0 26	21 40	0 2	22 51	0 26	2 3	2 6	22 41	0 3	12 24	0 8	16 59	4 42	17 50	17 22	13 35	3 56	3 19
M23	23 17	25 29	2 33	22 13	0 33	23 34	0 29	21 47	0 2	22 51	0 26	2 4	2 6	22 41	0 3	12 24	0 8	16 59	4 42	17 49	17 21	13 38	3 56	3 19
T 24	23 17	26 43	3 28	22 28	0 26	23 32	0 31	21 53	0 1	22 51	0 26	2 5	2 6	22 42	0 3	12 23	0 8	16 59	4 42	17 48	17 20	13 41	3 56	3 18
W25	23 16	26 36	4 12	22 42	0 18	23 29	0 33	21 59	0 0	22 52	0 26	2 6	2 7	22 42	0 2	12 23	0 8	16 59	4 42	17 46	17 20	13 43	3 56	3 18
T 26	23 14	25 5	4 45	22 54	0 11	23 25	0 35	22 6	0s 0	22 52	0 26	2 7	2 7	22 42	0 2	12 22	0 8	16 59	4 42	17 44	17 19	13 46	3 56	3 18
F 27	23 12	22 14	5 4	23 6	0 4	23 21	0 38	22 12	0 1	22 52	0 26	2 8	2 7	22 43	0 2	12 22	0 8	16 59	4 42	17 42	17 18	13 49	3 56	3 18
S 28	23 10	18 11	5 7	23 17	0s 3	23 16	0 40	22 17	0 1	22 52	0 25	2 8	2 7	22 43	0 2	12 21	0 8	17 0	4 42	17 40	17 17	13 52	3 56	3 17
S 29	23 7	13 11	4 54	23 26	0 10	23 10	0 42	22 23	0 2	22 52	0 25	2 9	2 8	22 43	0 2	12 21	0 8	17 0	4 42	17 38	17 16	13 55	3 56	3 17
M30	23 4	7 28	4 24	23 34	0 17	23 4	0 44	22 28	0 3	22 52	0 25	2 10	2 8	22 44	0 2	12 20	0 8	17 0	4 42	17 37	17 15	13 58	3 56	3 17
T 31	23s 0	1s19	3s38	23s41	0s24	22s57	0s46	22s33	0s 3	22s52	0n25	2s10	2n 8	22s44	0n 2	12s20	0s 8	17n 0	4s42	17n37	17n14	14s 1	3n57	3n17

Julian Day Number = 2874464.5, Delta T = 01h13m19s
Ecliptic obliquity = 23°17'28, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°57'20, Lahiri = 40°04'20

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ASTRODIENST EPHEMERIS for the year 3158
geocentric

JANUARY 3158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 42 21	9♑52'35	19♈ 7	2♑ 0	18♑35	16♐ 8	0♑30	10♎34	18♐17	27♒41	21°R 4	19♉56	18♉30	10♏10	2♈23	W 1
T 2	6 46 18	10°53'31	3♉18	3°34	19°50	16°50	0°44	10°36	18°20	27°43	21♋ 3	19°57	18°27	10°16	2°24	T 2
F 3	6 50 15	11°54'28	17°40	5° 7	21° 6	17°31	0°57	10°38	18°24	27°45	21° 2	19°R58	18°24	10°23	2°25	F 3
S 4	6 54 11	12°55'25	2♊ 8	6°40	22°21	18°13	1°10	10°40	18°27	27°47	21° 1	19°58	18°20	10°30	2°26	S 4
S 5	6 58 8	13°56'23	16°40	8°14	23°36	18°54	1°24	10°41	18°31	27°48	21° 0	19°55	18°17	10°36	2°28	S 5
M 6	7 2 4	14°57'22	1♋10	9°48	24°52	19°36	1°37	10°43	18°34	27°50	20°59	19°49	18°14	10°43	2°29	M 6
T 7	7 6 1	15°58'21	15°31	11°22	26° 7	20°17	1°50	10°44	18°37	27°52	20°57	19°42	18°11	10°50	2°30	T 7
W 8	7 9 57	16°59'21	29°38	12°56	27°23	20°59	2° 3	10°46	18°41	27°54	20°56	19°32	18° 8	10°56	2°32	W 8
T 9	7 13 54	18° 0'21	13♌25	14°30	28°38	21°41	2°17	10°47	18°44	27°56	20°55	19°22	18° 4	11° 3	2°33	T 9
F 10	7 17 51	19° 1'22	26°50	16° 4	29°53	22°22	2°30	10°48	18°48	27°57	20°54	19°12	18° 1	11°10	2°35	F 10
S 11	7 21 47	20° 2'23	9♍50	17°39	1♒ 9	23° 4	2°43	10°50	18°51	27°59	20°52	19° 3	17°58	11°16	2°36	S 11
S 12	7 25 44	21° 3'26	22°28	19°14	2°24	23°46	2°56	10°51	18°54	28° 1	20°51	18°57	17°55	11°23	2°38	S 12
M13	7 29 40	22° 4'28	4♎46	20°49	3°39	24°28	3° 9	10°51	18°58	28° 3	20°50	18°53	17°52	11°29	2°39	M13
T 14	7 33 37	23° 5'32	16°49	22°24	4°55	25°10	3°22	10°52	19° 1	28° 5	20°49	18°51	17°49	11°36	2°41	T 14
W15	7 37 33	24° 6'36	28°41	24° 0	6°10	25°52	3°36	10°53	19° 4	28° 7	20°48	18°D51	17°45	11°43	2°43	W15
T 16	7 41 30	25° 7'41	10♏29	25°35	7°25	26°34	3°49	10°53	19° 7	28° 9	20°46	18°52	17°42	11°49	2°45	T 16
F 17	7 45 26	26° 8'46	22°17	27°12	8°41	27°16	4° 2	10°54	19°10	28°11	20°45	18°R52	17°39	11°56	2°47	F 17
S 18	7 49 23	27° 9'52	4♐11	28°48	9°56	27°58	4°15	10°54	19°14	28°13	20°44	18°51	17°36	12° 3	2°48	S 18
S 19	7 53 20	28°10'58	16°15	0♒25	11°11	28°40	4°27	10°54	19°17	28°15	20°43	18°47	17°33	12° 9	2°50	S 19
M20	7 57 16	29°12'05	28°34	2° 2	12°27	29°22	4°40	10°R55	19°20	28°17	20°42	18°41	17°30	12°16	2°52	M20
T 21	8 1 13	0♒13'12	11♑ 9	3°39	13°42	0♑ 4	4°53	10°55	19°23	28°19	20°40	18°32	17°26	12°23	2°54	T 21
W22	8 5 9	1°14'19	24° 2	5°17	14°57	0°46	5° 6	10°54	19°26	28°21	20°39	18°20	17°23	12°29	2°57	W22
T 23	8 9 6	2°15'26	7♒13	6°55	16°12	1°28	5°19	10°54	19°29	28°23	20°38	18° 8	17°20	12°36	2°59	T 23
F 24	8 13 2	3°16'33	20°38	8°34	17°28	2°10	5°32	10°54	19°32	28°25	20°37	17°55	17°17	12°43	3° 1	F 24
S 25	8 16 59	4°17'40	4♓17	10°12	18°43	2°53	5°44	10°53	19°35	28°27	20°36	17°43	17°14	12°49	3° 3	S 25
S 26	8 20 55	5°18'47	18° 5	11°51	19°58	3°35	5°57	10°53	19°38	28°30	20°35	17°33	17°10	12°56	3° 5	S 26
M27	8 24 52	6°19'53	2♈ 0	13°31	21°14	4°17	6° 9	10°52	19°41	28°32	20°33	17°27	17° 7	13° 3	3° 8	M27
T 28	8 28 49	7°20'59	15°59	15°10	22°29	5° 0	6°22	10°51	19°43	28°34	20°32	17°23	17° 4	13° 9	3°10	T 28
W29	8 32 45	8°22'05	0♉ 1	16°50	23°44	5°42	6°34	10°50	19°46	28°36	20°31	17°22	17° 1	13°16	3°13	W29
T 30	8 36 42	9°23'10	14° 5	18°30	24°59	6°25	6°47	10°50	19°49	28°38	20°30	17°21	16°58	13°22	3°15	T 30
F 31	8 40 38	10♒24'15	28♉11	20♒10	26♒15	7♑ 7	6♑59	10♎48	19♐52	28♒40	20♋29	17♉21	16♉55	13♏29	3♈18	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s56	5n 0	2s38	23s47	0s31	22s49	0s48	22s38	0s 4	22s52	0n25	2s11	2n 9	22s44	0n 2	12s19	0s 8	17n 0	4s42	17n37	17n14	14s 4	3n57	3n16
T 2	22 51	11 9	1 29	23 52	0 37	22 40	0 50	22 43	0 4	22 52	0 25	2 11	2 9	22 45	0 2	12 19	0 8	17 1	4 42	17 37	17 13	14 7	3 57	3 16
F 3	22 46	16 48	0 12	23 55	0 43	22 31	0 53	22 48	0 5	22 52	0 25	2 12	2 9	22 45	0 2	12 18	0 8	17 1	4 42	17 37	17 12	14 10	3 57	3 16
S 4	22 40	21 31	1n 5	23 57	0 50	22 21	0 55	22 52	0 6	22 52	0 25	2 12	2 9	22 45	0 2	12 18	0 8	17 1	4 42	17 37	17 11	14 13	3 57	3 16
S 5	22 34	24 55	2 18	23 58	0 56	22 10	0 56	22 56	0 6	22 52	0 25	2 13	2 10	22 45	0 2	12 17	0 8	17 1	4 42	17 37	17 10	14 15	3 58	3 15
M 6	22 27	26 40	3 22	23 57	1 2	21 59	0 58	23 0	0 7	22 52	0 25	2 13	2 10	22 46	0 2	12 16	0 8	17 2	4 42	17 35	17 9	14 18	3 58	3 15
T 7	22 21	26 35	4 13	23 56	1 7	21 47	1 0	23 4	0 8	22 52	0 25	2 14	2 10	22 46	0 2	12 16	0 8	17 2	4 42	17 33	17 8	14 21	3 58	3 15
W 8	22 13	24 46	4 47	23 53	1 13	21 34	1 2	23 7	0 8	22 52	0 25	2 14	2 11	22 46	0 2	12 15	0 8	17 2	4 42	17 30	17 7	14 24	3 59	3 15
T 9	22 5	21 32	5 3	23 48	1 18	21 21	1 4	23 11	0 9	22 52	0 25	2 14	2 11	22 47	0 2	12 14	0 8	17 2	4 41	17 28	17 7	14 27	3 59	3 14
F 10	21 57	17 13	5 2	23 43	1 23	21 7	1 6	23 14	0 9	22 51	0 25	2 14	2 11	22 47	0 2	12 14	0 8	17 2	4 41	17 25	17 6	14 30	3 59	3 14
S 11	21 48	12 14	4 45	23 36	1 28	20 53	1 7	23 17	0 10	22 51	0 25	2 15	2 11	22 47	0 2	12 13	0 8	17 3	4 41	17 23	17 5	14 33	4 0	3 14
S 12	21 39	6 52	4 15	23 27	1 33	20 37	1 9	23 19	0 11	22 51	0 24	2 15	2 12	22 48	0 2	12 13	0 8	17 3	4 41	17 21	17 4	14 36	4 0	3 14
M13	21 30	1 23	3 33	23 18	1 37	20 22	1 11	23 22	0 11	22 51	0 24	2 15	2 12	22 48	0 2	12 12	0 8	17 3	4 41	17 20	17 3	14 38	4 1	3 13
T 14	21 20	4s 4	2 42	23 7	1 42	20 5	1 12	23 24	0 12	22 51	0 24	2 15	2 12	22 48	0 2	12 11	0 8	17 3	4 41	17 19	17 2	14 41	4 1	3 13
W15	21 9	9 18	1 46	22 55	1 46	19 48	1 14	23 26	0 13	22 50	0 24	2 15	2 13	22 48	0 2	12 11	0 8	17 4	4 41	17 19	17 1	14 44	4 2	3 13
T 16	20 59	14 10	0 45	22 41	1 49	19 31	1 15	23 28	0 13	22 50	0 24	2 15	2 13	22 49	0 2	12 10	0 8	17 4	4 41	17 19	17 0	14 47	4 2	3 13
F 17	20 47	18 31	0s18	22 26	1 53	19 13	1 17	23 30	0 14	22 50	0 24	2 15	2 13	22 49	0 2	12 9	0 8	17 4	4 41	17 20	16 59	14 50	4 3	3 12
S 18	20 36	22 10	1 21	22 10	1 56	18 54	1 18	23 31	0 15	22 49	0 24	2 14	2 13	22 49	0 2	12 9	0 8	17 4	4 41	17 19	16 59	14 53	4 3	3 12
S 19	20 24	24 55	2 20	21 52	1 59	18 35	1 19	23 32	0 15	22 49	0 24	2 14	2 14	22 49	0 2	12 8	0 8	17 5	4 41	17 18	16 58	14 56	4 4	3 12
M20	20 11	26 31	3 14	21 33	2 1	18 15	1 21	23 33	0 16	22 49	0 24	2 14	2 14	22 50	0 2	12 7	0 8	17 5	4 41	17 17	16 57	14 59	4 4	3 12
T 21	19 59	26 49	4 0	21 13	2 3	17 55	1 22	23 34	0 17	22 48	0 24	2 14	2 14	22 50	0 2	12 6	0 8	17 5	4 41	17 14	16 56	15 1	4 5	3 12
W22	19 46	25 41	4 35	20 51	2 5	17 34	1 23	23 35	0 17	22 48	0 24	2 14	2 14	22 50	0 2	12 6	0 8	17 5	4 41	17 11	16 55	15 4	4 6	3 11
T 23	19 32	23 7	4 56	20 28	2 6	17 13	1 24	23 35	0 18	22 47	0 24	2 13	2 15	22 50	0 2	12 5	0 8	17 6	4 41	17 7	16 54	15 7	4 6	3 11
F 24	19 18	19 16	5 1	20 4	2 8	16 51	1 25	23 35	0 19	22 47	0 24	2 13	2 15	22 51	0 2	12 4	0 8	17 6	4 41	17 4	16 53	15 10	4 7	3 11
S 25	19 4	14 22	4 49	19 38	2 8	16 29	1 26	23 35	0 19	22 46	0 24	2 12	2 15	22 51	0 2	12 4	0 8	17 6	4 40	17 1	16 52	15 13	4 8	3 11
S 26	18 49	8 40	4 20	19 11	2 9	16 6	1 27	23 35	0 20	22 46	0 24	2 12	2 16	22 51	0 2	12 3	0 8	17 6	4 40	16 58	16 51	15 16	4 8	3 10
M27	18 34	2 31	3 35	18 43	2 8	15 43	1 28	23 34	0 21	22 45	0 24	2 11	2 16	22 51	0 2	12 2	0 8	17 7	4 40	16 56	16 51	15 18	4 9	3 10
T 28	18 19	3n49	2 38	18 13	2 8	15 20	1 29	23 33	0 21	22 45	0 24	2 11	2 16	22 52	0 2	12 1	0 8	17 7	4 40	16 55	16 50	15 21	4 10	3 10
W29	18 4	10 0	1 30	17 42	2 7	14 56	1 29	23 32	0 22	22 44	0 24	2 10	2 16	22 52	0 2	12 1	0 8	17 7	4 40	16 55	16 49	15 24	4 10	3 10
T 30	17 48	15 42	0 17	17 10	2 5	14 31	1 30	23 31	0 23	22 44	0 23	2 10	2 17	22 52	0 2	12 0	0 8	17 7	4 40	16 55	16 48	15 27	4 11	3 10
F 31	17s31	20n33	0n57	16s37	2s 3	14s 7	1s30	23s29	0s23	22s43	0n23	2s 9	2n17	22s52	0n 2	11s59	0s 8	17n 8	4s40	16n54	16n47	15s30	4n12	3n 9

Julian Day Number = 2874495.5, Delta T = 01h13m20s
Ecliptic obliquity = 23°17'28, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°57'24, Lahiri = 40°04'25

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ASTRODIENST EPHEMERIS for the year 3158
geocentric

FEBRUARY 3158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 44 35	11♒25'19	12♊17	21♒50	27♒30	7♉50	7♉11	10°R47	19♐54	28♒43	20°R28	17°R19	16♉51	13♏36	3♈20	S 1
S 2	8 48 31	12°26'22	26°22	23°31	28°45	8°32	7°24	10♎46	19°57	28°45	20♋27	17♉15	16°48	13°42	3°23	S 2
M 3	8 52 28	13°27'25	10♋24	25°11	0♓ 0	9°15	7°36	10°44	19°59	28°47	20°25	17° 8	16°45	13°49	3°25	M 3
T 4	8 56 24	14°28'28	24°19	26°51	1°15	9°57	7°48	10°43	20° 2	28°49	20°24	16°58	16°42	13°56	3°28	T 4
W 5	9 0 21	15°29'30	8♌ 3	28°30	2°30	10°40	8° 0	10°41	20° 5	28°51	20°23	16°46	16°39	14° 2	3°31	W 5
T 6	9 4 18	16°30'31	21°33	0♓ 9	3°45	11°23	8°12	10°40	20° 7	28°54	20°22	16°32	16°36	14° 9	3°33	T 6
F 7	9 8 14	17°31'32	4♍46	1°47	5° 1	12° 5	8°24	10°38	20° 9	28°56	20°21	16°19	16°32	14°16	3°36	F 7
S 8	9 12 11	18°32'32	17°39	3°24	6°16	12°48	8°36	10°36	20°12	28°58	20°20	16° 7	16°29	14°22	3°39	S 8
S 9	9 16 7	19°33'32	0♎14	5° 0	7°31	13°31	8°48	10°34	20°14	29° 0	20°19	15°58	16°26	14°29	3°42	S 9
M10	9 20 4	20°34'32	12°31	6°34	8°46	14°14	8°59	10°32	20°16	29° 3	20°18	15°51	16°23	14°36	3°45	M10
T 11	9 24 0	21°35'31	24°34	8° 5	10° 1	14°57	9°11	10°29	20°19	29° 5	20°17	15°48	16°20	14°42	3°47	T 11
W12	9 27 57	22°36'29	6♏26	9°35	11°16	15°39	9°22	10°27	20°21	29° 7	20°16	15°46	16°16	14°49	3°50	W12
T 13	9 31 53	23°37'28	18°14	11° 1	12°31	16°22	9°34	10°25	20°23	29° 9	20°15	15°46	16°13	14°55	3°53	T 13
F 14	9 35 50	24°38'25	0♐ 3	12°24	13°46	17° 5	9°45	10°22	20°25	29°12	20°14	15°46	16°10	15° 2	3°56	F 14
S 15	9 39 47	25°39'23	11°57	13°42	15° 1	17°48	9°57	10°20	20°27	29°14	20°13	15°45	16° 7	15° 9	3°59	S 15
S 16	9 43 43	26°40'20	24° 3	14°55	16°16	18°31	10° 8	10°17	20°29	29°16	20°12	15°42	16° 4	15°15	4° 2	S 16
M17	9 47 40	27°41'16	6♑26	16° 3	17°31	19°15	10°19	10°14	20°31	29°19	20°11	15°36	16° 1	15°22	4° 6	M17
T 18	9 51 36	28°42'12	19° 8	17° 4	18°46	19°58	10°30	10°11	20°33	29°21	20°10	15°28	15°57	15°29	4° 9	T 18
W19	9 55 33	29°43'06	2♒13	17°58	20° 1	20°41	10°41	10° 8	20°35	29°23	20° 9	15°17	15°54	15°35	4°12	W19
T 20	9 59 29	0♓44'00	15°40	18°44	21°15	21°24	10°52	10° 5	20°37	29°25	20° 8	15° 5	15°51	15°42	4°15	T 20
F 21	10 3 26	1°44'54	29°28	19°21	22°30	22° 7	11° 3	10° 2	20°39	29°28	20° 8	14°53	15°48	15°49	4°18	F 21
S 22	10 7 22	2°45'46	13♓32	19°48	23°45	22°50	11°14	9°59	20°41	29°30	20° 7	14°41	15°45	15°55	4°22	S 22
S 23	10 11 19	3°46'37	27°48	20° 5	25° 0	23°34	11°24	9°55	20°42	29°32	20° 6	14°32	15°41	16° 2	4°25	S 23
M24	10 15 16	4°47'26	12♈ 9	20°R11	26°15	24°17	11°35	9°52	20°44	29°34	20° 5	14°25	15°38	16° 9	4°28	M24
T 25	10 19 12	5°48'15	26°31	20° 6	27°29	25° 0	11°45	9°48	20°46	29°37	20° 4	14°22	15°35	16°15	4°31	T 25
W26	10 23 9	6°49'02	10♉50	19°50	28°44	25°44	11°56	9°45	20°47	29°39	20° 3	14°D20	15°32	16°22	4°35	W26
T 27	10 27 5	7°49'48	25° 3	19°24	29°59	26°27	12° 6	9°41	20°49	29°41	20° 3	14°21	15°29	16°28	4°38	T 27
F 28	10 31 2	8♓50'32	9♊ 7	18♓47	1♈13	27♉11	12♉16	9♎38	20♐50	29♒44	20♋ 2	14°R21	15♉26	16♏35	4♈41	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	17s15	24n14	2n 8	16s 2	2s 1	13s42	1s31	23s28	0s24	22s43	0n23	2s 8	2n17	22s52	0n 2	11s58	0s 8	17n 8	4s40	16n54	16n46	15s33	4n13	3n 9	S 1
S 2	16 58	26 25	3 10	15 27	1 57	13 16	1 31	23 26	0 25	22 42	0 23	2 7	2 18	22 53	0 2	11 58	0 8	17 8	4 40	16 53	16 45	15 35	4 14	3 9	S 2
M 3	16 41	26 54	4 1	14 50	1 54	12 50	1 32	23 24	0 25	22 41	0 23	2 7	2 18	22 53	0 2	11 57	0 8	17 8	4 40	16 51	16 44	15 38	4 15	3 9	M 3
T 4	16 23	25 40	4 37	14 12	1 49	12 24	1 32	23 21	0 26	22 41	0 23	2 6	2 18	22 53	0 2	11 56	0 8	17 9	4 40	16 48	16 43	15 41	4 15	3 9	T 4
W 5	16 6	22 55	4 57	13 33	1 44	11 57	1 32	23 19	0 27	22 40	0 23	2 5	2 18	22 53	0 2	11 55	0 8	17 9	4 39	16 44	16 43	15 44	4 16	3 8	W 5
T 6	15 47	18 57	4 59	12 53	1 38	11 30	1 33	23 16	0 27	22 39	0 23	2 4	2 19	22 53	0 2	11 55	0 8	17 9	4 39	16 41	16 42	15 47	4 17	3 8	T 6
F 7	15 29	14 7	4 45	12 13	1 32	11 3	1 33	23 13	0 28	22 39	0 23	2 3	2 19	22 54	0 2	11 54	0 8	17 9	4 39	16 37	16 41	15 49	4 18	3 8	F 7
S 8	15 11	8 47	4 16	11 31	1 25	10 36	1 33	23 9	0 29	22 38	0 23	2 2	2 19	22 54	0 2	11 53	0 8	17 10	4 39	16 34	16 40	15 52	4 19	3 8	S 8
S 9	14 52	3 13	3 36	10 49	1 17	10 8	1 33	23 6	0 30	22 37	0 23	2 1	2 19	22 54	0 2	11 52	0 8	17 10	4 39	16 31	16 39	15 55	4 20	3 8	S 9
M10	14 33	2s22	2 46	10 7	1 8	9 40	1 33	23 2	0 30	22 36	0 23	2 0	2 20	22 54	0 2	11 52	0 8	17 10	4 39	16 29	16 38	15 58	4 21	3 7	M10
T 11	14 13	7 45	1 50	9 24	0 59	9 12	1 32	22 58	0 31	22 36	0 23	1 59	2 20	22 54	0 2	11 51	0 8	17 10	4 39	16 28	16 37	16 1	4 22	3 7	T 11
W12	13 54	12 49	0 49	8 41	0 49	8 43	1 32	22 54	0 32	22 35	0 23	1 58	2 20	22 54	0 2	11 50	0 8	17 11	4 39	16 27	16 36	16 3	4 23	3 7	W12
T 13	13 34	17 22	0s13	7 58	0 38	8 14	1 32	22 50	0 32	22 34	0 23	1 57	2 20	22 55	0 2	11 49	0 8	17 11	4 39	16 27	16 35	16 6	4 24	3 7	T 13
F 14	13 14	21 15	1 15	7 16	0 26	7 45	1 31	22 45	0 33	22 33	0 23	1 55	2 21	22 55	0 2	11 48	0 8	17 11	4 39	16 27	16 34	16 9	4 25	3 7	F 14
S 15	12 53	24 18	2 14	6 34	0 13	7 16	1 31	22 40	0 34	22 33	0 23	1 54	2 21	22 55	0 2	11 48	0 8	17 11	4 38	16 27	16 33	16 12	4 26	3 7	S 15
S 16	12 33	26 17	3 8	5 54	0n 0	6 47	1 31	22 35	0 34	22 32	0 23	1 53	2 21	22 55	0 2	11 47	0 8	17 12	4 38	16 26	16 33	16 14	4 27	3 6	S 16
M17	12 12	27 2	3 55	5 15	0 15	6 17	1 30	22 30	0 35	22 31	0 23	1 52	2 21	22 55	0 2	11 46	0 8	17 12	4 38	16 25	16 32	16 17	4 28	3 6	M17
T 18	11 51	26 24	4 31	4 37	0 29	5 47	1 29	22 25	0 36	22 30	0 23	1 50	2 22	22 55	0 2	11 45	0 8	17 12	4 38	16 22	16 31	16 20	4 29	3 6	T 18
W19	11 30	24 19	4 54	4 2	0 45	5 18	1 29	22 19	0 37	22 29	0 23	1 49	2 22	22 56	0 2	11 45	0 8	17 12	4 38	16 19	16 30	16 23	4 30	3 6	W19
T 20	11 9	20 50	5 1	3 30	1 1	4 48	1 28	22 13	0 37	22 29	0 23	1 47	2 22	22 56	0 2	11 44	0 8	17 13	4 38	16 16	16 29	16 26	4 31	3 6	T 20
F 21	10 47	16 9	4 52	3 0	1 17	4 17	1 27	22 7	0 38	22 28	0 22	1 46	2 22	22 56	0 2	11 43	0 8	17 13	4 38	16 12	16 28	16 28	4 33	3 6	F 21
S 22	10 26	10 31	4 25	2 35	1 34	3 47	1 26	22 0	0 39	22 27	0 22	1 45	2 22	22 56	0 2	11 42	0 8	17 13	4 38	16 9	16 27	16 31	4 34	3 5	S 22
S 23	10 4	4 15	3 41	2 13	1 51	3 17	1 25	21 54	0 39	22 26	0 22	1 43	2 23	22 56	0 2	11 41	0 8	17 13	4 37	16 6	16 26	16 34	4 35	3 5	S 23
M24	9 42	2n17	2 42	1 55	2 7	2 46	1 24	21 47	0 40	22 25	0 22	1 42	2 23	22 56	0 2	11 41	0 8	17 14	4 37	16 4	16 25	16 37	4 36	3 5	M24
T 25	9 20	8 43	1 33	1 42	2 23	2 16	1 23	21 40	0 41	22 24	0 22	1 40	2 23	22 56	0 2	11 40	0 8	17 14	4 37	16 3	16 24	16 39	4 37	3 5	T 25
W26	8 57	14 41	0 19	1 35	2 38	1 45	1 22	21 33	0 42	22 23	0 22	1 38	2 23	22 56	0 2	11 39	0 8	17 14	4 37	16 3	16 23	16 42	4 38	3 5	W26
T 27	8 35	19 50	0n57	1 32	2 52	1 14	1 20	21 26	0 42	22 23	0 22	1 37	2 23	22 57	0 2	11 38	0 8	17 14	4 37	16 3	16 23	16 45	4 40	3 5	T 27
F 28	8s12	23n47	2n 8	1s34	3n 5	0s43	1s19	21s18	0s43	22s22	0n22	1s35	2n24	22s57	0n 2	11s38	0s 8	17n15	4s37	16n 3	16n22	16s48	4n41	3n 5	F 28

Julian Day Number = 2874526.5, Delta T = 01h13m21s
Ecliptic obliquity = 23°17'28, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°57'28, Lahiri = 40°04'29

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ASTRODIENST EPHEMERIS for the year 3158
geocentric

MARCH 3158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 34 58	9♓51'15	23♊ 4	18°R 1	2♈28	27♉54	12♉26	9°R34	20♐51	29♒46	20°R 1	14°R20	15♉22	16♏42	4♈45	S 1
S 2	10 38 55	10°51'56	6♋52	17♓ 7	3°43	28°38	12°36	9♎30	20°53	29°48	20♋ 0	14♉17	15°19	16°48	4°48	S 2
M 3	10 42 51	11°52'36	20°30	16° 7	4°57	29°21	12°46	9°26	20°54	29°50	20° 0	14°12	15°16	16°55	4°52	M 3
T 4	10 46 48	12°53'14	4♌ 0	15° 2	6°12	0♒ 5	12°56	9°22	20°55	29°53	19°59	14° 4	15°13	17° 2	4°55	T 4
W 5	10 50 45	13°53'51	17°18	13°53	7°26	0°48	13° 6	9°18	20°56	29°55	19°58	13°54	15°10	17° 8	4°59	W 5
T 6	10 54 41	14°54'26	0♍24	12°44	8°41	1°32	13°15	9°14	20°58	29°57	19°58	13°43	15° 7	17°15	5° 2	T 6
F 7	10 58 38	15°55'00	13°16	11°35	9°55	2°16	13°24	9°10	20°59	29°59	19°57	13°32	15° 3	17°22	5° 6	F 7
S 8	11 2 34	16°55'32	25°54	10°29	11° 9	2°59	13°34	9° 6	21° 0	0♓ 1	19°57	13°23	15° 0	17°28	5° 9	S 8
S 9	11 6 31	17°56'03	8♎18	9°26	12°24	3°43	13°43	9° 1	21° 1	0° 4	19°56	13°15	14°57	17°35	5°13	S 9
M10	11 10 27	18°56'32	20°29	8°29	13°38	4°27	13°52	8°57	21° 2	0° 6	19°55	13°10	14°54	17°42	5°16	M10
T 11	11 14 24	19°57'00	2♏28	7°38	14°52	5°11	14° 1	8°53	21° 2	0° 8	19°55	13° 7	14°51	17°48	5°20	T 11
W12	11 18 20	20°57'27	14°20	6°53	16° 6	5°54	14°10	8°48	21° 3	0°10	19°54	13°D 6	14°47	17°55	5°23	W12
T 13	11 22 17	21°57'53	26° 7	6°15	17°21	6°38	14°19	8°44	21° 4	0°12	19°54	13° 7	14°44	18° 1	5°27	T 13
F 14	11 26 14	22°58'17	7♐55	5°45	18°35	7°22	14°27	8°39	21° 5	0°14	19°53	13° 8	14°41	18° 8	5°31	F 14
S 15	11 30 10	23°58'40	19°49	5°23	19°49	8° 6	14°36	8°35	21° 5	0°17	19°53	13°R 9	14°38	18°15	5°34	S 15
S 16	11 34 7	24°59'02	1♑54	5° 7	21° 3	8°50	14°44	8°30	21° 6	0°19	19°53	13° 9	14°35	18°21	5°38	S 16
M17	11 38 3	25°59'23	14°15	4°59	22°17	9°34	14°52	8°26	21° 7	0°21	19°52	13° 7	14°32	18°28	5°41	M17
T 18	11 42 0	26°59'42	26°58	4°D58	23°31	10°18	15° 0	8°21	21° 7	0°23	19°52	13° 3	14°28	18°35	5°45	T 18
W19	11 45 56	27°59'59	10♒ 4	5° 3	24°45	11° 2	15° 8	8°16	21° 7	0°25	19°51	12°58	14°25	18°41	5°49	W19
T 20	11 49 53	29° 0'15	23°37	5°14	25°59	11°46	15°16	8°12	21° 8	0°27	19°51	12°51	14°22	18°48	5°52	T 20
F 21	11 53 49	0♈ 0'30	7♓35	5°32	27°13	12°30	15°24	8° 7	21° 8	0°29	19°51	12°43	14°19	18°55	5°56	F 21
S 22	11 57 46	1° 0'43	21°55	5°54	28°26	13°14	15°31	8° 2	21° 8	0°31	19°50	12°37	14°16	19° 1	6° 0	S 22
S 23	12 1 43	2° 0'54	6♈32	6°22	29°40	13°58	15°39	7°58	21° 9	0°33	19°50	12°31	14°13	19° 8	6° 3	S 23
M24	12 5 39	3° 1'04	21°19	6°55	0♉54	14°43	15°46	7°53	21° 9	0°35	19°50	12°27	14° 9	19°15	6° 7	M24
T 25	12 9 36	4° 1'11	6♉ 8	7°32	2° 8	15°27	15°53	7°48	21° 9	0°37	19°50	12°D26	14° 6	19°21	6°11	T 25
W26	12 13 32	5° 1'17	20°51	8°13	3°21	16°11	16° 0	7°43	21°R 9	0°39	19°49	12°26	14° 3	19°28	6°14	W26
T 27	12 17 29	6° 1'21	5♊24	8°58	4°35	16°55	16° 7	7°39	21° 9	0°41	19°49	12°27	14° 0	19°35	6°18	T 27
F 28	12 21 25	7° 1'23	19°42	9°46	5°48	17°39	16°13	7°34	21° 9	0°43	19°49	12°28	13°57	19°41	6°22	F 28
S 29	12 25 22	8° 1'22	3♋43	10°38	7° 2	18°24	16°20	7°29	21° 9	0°45	19°49	12°R29	13°53	19°48	6°25	S 29
S 30	12 29 18	9° 1'20	17°28	11°33	8°15	19° 8	16°26	7°24	21° 9	0°47	19°49	12°29	13°50	19°54	6°29	S 30
M31	12 33 15	10♈ 1'15	0♌55	12♓30	9♉29	19♒52	16♉33	7♎19	21♐ 8	0♓49	19♋49	12♉27	13♉47	20♏ 1	6♈33	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	7s50	26n17	3n11	1s42	3n16	0s13	1s18	21s10	0s44	22s21	0n22	1s34	2n24	22s57	0n 2	11s37	0s 8	17n15	4s37	16n 3	16n21	16s50	4n42	3n 4	S 1
S 2	7 27	27 9	4 2	1 54	3 25	0n18	1 16	21 2	0 45	22 20	0 22	1 32	2 24	22 57	0 2	11 36	0 8	17 15	4 36	16 2	16 20	16 53	4 43	3 4	S 2
M 3	7 4	26 20	4 39	2 11	3 32	0 49	1 15	20 54	0 45	22 19	0 22	1 30	2 24	22 57	0 2	11 35	0 8	17 15	4 36	16 0	16 19	16 56	4 44	3 4	M 3
T 4	6 41	23 59	4 59	2 31	3 37	1 20	1 13	20 45	0 46	22 18	0 22	1 28	2 24	22 57	0 2	11 34	0 8	17 16	4 36	15 58	16 18	16 58	4 46	3 4	T 4
W 5	6 18	20 22	5 3	2 55	3 39	1 50	1 11	20 37	0 47	22 17	0 22	1 27	2 25	22 57	0 2	11 34	0 8	17 16	4 36	15 55	16 17	17 1	4 47	3 4	W 5
T 6	5 55	15 48	4 51	3 21	3 39	2 21	1 10	20 28	0 47	22 16	0 22	1 25	2 25	22 57	0 2	11 33	0 8	17 16	4 36	15 52	16 16	17 4	4 48	3 4	T 6
F 7	5 31	10 37	4 25	3 49	3 37	2 52	1 8	20 19	0 48	22 15	0 22	1 23	2 25	22 57	0 2	11 32	0 8	17 16	4 36	15 48	16 15	17 7	4 49	3 4	F 7
S 8	5 8	5 4	3 45	4 18	3 33	3 23	1 6	20 10	0 49	22 15	0 22	1 21	2 25	22 57	0 2	11 31	0 8	17 16	4 36	15 45	16 14	17 9	4 51	3 4	S 8
S 9	4 44	0s35	2 56	4 48	3 26	3 53	1 4	20 0	0 50	22 14	0 22	1 20	2 25	22 57	0 2	11 31	0 8	17 17	4 35	15 43	16 13	17 12	4 52	3 3	S 9
M10	4 21	6 7	1 59	5 17	3 18	4 24	1 2	19 51	0 50	22 13	0 22	1 18	2 25	22 58	0 2	11 30	0 8	17 17	4 35	15 42	16 12	17 15	4 53	3 3	M10
T 11	3 57	11 22	0 57	5 44	3 8	4 54	1 0	19 41	0 51	22 12	0 22	1 16	2 26	22 58	0 2	11 29	0 8	17 17	4 35	15 41	16 11	17 17	4 55	3 3	T 11
W12	3 34	16 9	0s 7	6 11	2 57	5 24	0 58	19 31	0 52	22 11	0 22	1 14	2 26	22 58	0 2	11 28	0 8	17 17	4 35	15 41	16 11	17 20	4 56	3 3	W12
T 13	3 10	20 18	1 10	6 36	2 45	5 55	0 56	19 21	0 53	22 10	0 22	1 12	2 26	22 58	0 2	11 28	0 8	17 18	4 35	15 41	16 10	17 23	4 57	3 3	T 13
F 14	2 46	23 38	2 10	6 59	2 33	6 25	0 54	19 10	0 53	22 9	0 22	1 10	2 26	22 58	0 2	11 27	0 8	17 18	4 35	15 41	16 9	17 25	4 59	3 3	F 14
S 15	2 23	25 59	3 5	7 19	2 19	6 55	0 51	19 0	0 54	22 8	0 22	1 9	2 26	22 58	0 2	11 26	0 8	17 18	4 35	15 41	16 8	17 28	5 0	3 3	S 15
S 16	1 59	27 9	3 53	7 37	2 6	7 24	0 49	18 49	0 55	22 7	0 22	1 7	2 26	22 58	0 2	11 25	0 8	17 18	4 34	15 41	16 7	17 31	5 1	3 3	S 16
M17	1 35	27 1	4 31	7 53	1 52	7 54	0 47	18 38	0 55	22 7	0 22	1 5	2 26	22 58	0 2	11 25	0 8	17 18	4 34	15 41	16 6	17 33	5 3	3 3	M17
T 18	1 11	25 29	4 57	8 7	1 38	8 23	0 44	18 27	0 56	22 6	0 22	1 3	2 26	22 58	0 2	11 24	0 8	17 19	4 34	15 40	16 5	17 36	5 4	3 2	T 18
W19	0 47	22 34	5 9	8 18	1 24	8 53	0 42	18 16	0 57	22 5	0 22	1 1	2 26	22 58	0 2	11 23	0 8	17 19	4 34	15 38	16 4	17 39	5 5	3 2	W19
T 20	0 24	18 20	5 4	8 26	1 10	9 22	0 39	18 5	0 58	22 4	0 21	0 59	2 27	22 58	0 2	11 23	0 8	17 19	4 34	15 36	16 3	17 42	5 7	3 2	T 20
F 21	0n 0	13 1	4 41	8 33	0 57	9 51	0 37	17 53	0 58	22 3	0 21	0 57	2 27	22 58	0 2	11 22	0 8	17 19	4 34	15 34	16 2	17 44	5 8	3 2	F 21
S 22	0 24	6 52	4 0	8 37	0 44	10 19	0 34	17 41	0 59	22 2	0 21	0 55	2 27	22 58	0 2	11 21	0 8	17 19	4 34	15 32	16 1	17 47	5 9	3 2	S 22
S 23	0 48	0 13	3 3	8 38	0 31	10 48	0 32	17 29	1 0	22 2	0 21	0 53	2 27	22 58	0 2	11 20	0 8	17 20	4 33	15 30	16 0	17 49	5 11	3 2	S 23
M24	1 12	6n31	1 52	8 38	0 18	11 16	0 29	17 17	1 1	22 1	0 21	0 51	2 27	22 58	0 2	11 20	0 8	17 20	4 33	15 29	15 59	17 52	5 12	3 2	M24
T 25	1 35	12 56	0 34	8 36	0 6	11 44	0 26	17 5	1 1	22 0	0 21	0 49	2 27	22 58	0 2	11 19	0 8	17 20	4 33	15 28	15 58	17 55	5 13	3 2	T 25
W26	1 59	18 36	0n46	8 31	0s 5	12 11	0 24	16 53	1 2	21 59	0 21	0 47	2 27	22 58	0 2	11 18	0 8	17 20	4 33	15 28	15 57	17 57	5 15	3 2	W26
T 27	2 23	23 4	2 2	8 25	0 17	12 39	0 21	16 40	1 3	21 58	0 21	0 46	2 27	22 58	0 2	11 18	0 8	17 20	4 33	15 29	15 56	18 0	5 16	3 2	T 27
F 28	2 46	26 2	3 9	8 17	0 28	13 6	0 18	16 27	1 4	21 58	0 21	0 44	2 27	22 58	0 2	11 17	0 8	17 20	4 33	15 29	15 56	18 3	5 18	3 2	F 28
S 29	3 10	27 18	4 4	8 7	0 38	13 32	0 15	16 14	1 4	21 57	0 21	0 42	2 27	22 58	0 2	11 16	0 9	17 21	4 32	15 29	15 55	18 5	5 19	3 2	S 29
S 30	3 33	26 51	4 43	7 56	0 48	13 59	0 12	16 1	1 5	21 56	0 21	0 40	2 27	22 58	0 2	11 16	0 9	17 21	4 32	15 29	15 54	18 8	5 20	3 2	S 30
M31	3n57	24n48	5n 6	7s43	0s57	14n25	0s 9	15s48	1s 6	21s56	0n21	0s38	2n27	22s58	0n 2	11s15	0s 9	17n21	4s32	15n29	15n53	18s11	5n22	3n 1	M31

Julian Day Number = 2874554.5, Delta T = 01h13m21s
Ecliptic obliquity = 23°17'29, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°57'32, Lahiri = 40°04'33

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ASTRODIENST EPHEMERIS for the year 3158
geocentric

APRIL 3158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 37 12	11♈ 1'08	14♌ 8	13♓31	10♉42	20♒37	16♑39	7°R15	21°R 8	0♓51	19°R49	12°R24	13♉44	20♏ 8	6♈36	T 1
W 2	12 41 8	12° 0'59	27° 5	14°34	11°55	21°21	16°45	7♎10	21♐ 8	0°52	19♋49	12♉20	13°41	20°14	6°40	W 2
T 3	12 45 5	13° 0'48	9♍50	15°39	13° 8	22° 6	16°50	7° 5	21° 7	0°54	19°D49	12°15	13°38	20°21	6°44	T 3
F 4	12 49 1	14° 0'35	22°21	16°47	14°21	22°50	16°56	7° 0	21° 7	0°56	19°49	12°10	13°34	20°28	6°47	F 4
S 5	12 52 58	15° 0'20	4♎42	17°57	15°35	23°34	17° 1	6°56	21° 6	0°58	19°49	12° 5	13°31	20°34	6°51	S 5
S 6	12 56 54	16° 0'03	16°52	19° 9	16°48	24°19	17° 7	6°51	21° 6	1° 0	19°49	12° 2	13°28	20°41	6°55	S 6
M 7	13 0 51	16°59'44	28°53	20°23	18° 0	25° 3	17°12	6°46	21° 5	1° 1	19°49	12° 0	13°25	20°48	6°58	M 7
T 8	13 4 47	17°59'23	10♏47	21°39	19°13	25°48	17°17	6°42	21° 5	1° 3	19°49	11°D59	13°22	20°54	7° 2	T 8
W 9	13 8 44	18°59'00	22°36	22°57	20°26	26°32	17°22	6°37	21° 4	1° 5	19°49	12° 0	13°18	21° 1	7° 5	W 9
T 10	13 12 40	19°58'35	4♐23	24°16	21°39	27°17	17°26	6°32	21° 3	1° 6	19°49	12° 1	13°15	21° 8	7° 9	T 10
F 11	13 16 37	20°58'09	16°12	25°38	22°52	28° 2	17°31	6°28	21° 2	1° 8	19°49	12° 3	13°12	21°14	7°13	F 11
S 12	13 20 34	21°57'41	28° 7	27° 0	24° 4	28°46	17°35	6°23	21° 2	1°10	19°50	12° 4	13° 9	21°21	7°16	S 12
S 13	13 24 30	22°57'12	10♑11	28°25	25°17	29°31	17°39	6°19	21° 1	1°11	19°50	12° 6	13° 6	21°27	7°20	S 13
M14	13 28 27	23°56'40	22°30	29°51	26°29	0♓15	17°43	6°14	21° 0	1°13	19°50	12°R 6	13° 3	21°34	7°23	M14
T 15	13 32 23	24°56'07	5♒ 9	1♈18	27°42	1° 0	17°47	6°10	20°59	1°14	19°50	12° 6	12°59	21°41	7°27	T 15
W16	13 36 20	25°55'33	18°11	2°47	28°54	1°45	17°50	6° 6	20°58	1°16	19°50	12° 5	12°56	21°47	7°30	W16
T 17	13 40 16	26°54'56	1♓39	4°18	0♊ 6	2°30	17°54	6° 1	20°57	1°17	19°51	12° 3	12°53	21°54	7°34	T 17
F 18	13 44 13	27°54'18	15°34	5°50	1°19	3°14	17°57	5°57	20°56	1°19	19°51	12° 1	12°50	22° 1	7°37	F 18
S 19	13 48 9	28°53'38	29°55	7°23	2°31	3°59	18° 0	5°53	20°54	1°20	19°51	11°59	12°47	22° 7	7°41	S 19
S 20	13 52 6	29°52'56	14♈39	8°58	3°43	4°44	18° 3	5°49	20°53	1°22	19°52	11°58	12°44	22°14	7°44	S 20
M21	13 56 3	0♉52'12	29°38	10°34	4°55	5°29	18° 6	5°45	20°52	1°23	19°52	11°57	12°40	22°21	7°48	M21
T 22	13 59 59	1°51'26	14♉45	12°12	6° 7	6°13	18° 8	5°41	20°51	1°24	19°53	11°D57	12°37	22°27	7°51	T 22
W23	14 3 56	2°50'39	29°50	13°51	7°19	6°58	18°11	5°37	20°49	1°26	19°53	11°57	12°34	22°34	7°55	W23
T 24	14 7 52	3°49'49	14♊44	15°32	8°31	7°43	18°13	5°33	20°48	1°27	19°54	11°58	12°31	22°41	7°58	T 24
F 25	14 11 49	4°48'57	29°22	17°14	9°42	8°28	18°15	5°29	20°46	1°28	19°54	11°59	12°28	22°47	8° 1	F 25
S 26	14 15 45	5°48'03	13♋38	18°58	10°54	9°13	18°17	5°25	20°45	1°29	19°55	11°59	12°24	22°54	8° 5	S 26
S 27	14 19 42	6°47'06	27°31	20°43	12° 5	9°57	18°18	5°21	20°43	1°31	19°55	12° 0	12°21	23° 1	8° 8	S 27
M28	14 23 38	7°46'08	10♌59	22°29	13°17	10°42	18°20	5°18	20°42	1°32	19°56	12°R 0	12°18	23° 7	8°11	M28
T 29	14 27 35	8°45'07	24° 6	24°17	14°28	11°27	18°21	5°14	20°40	1°33	19°56	11°59	12°15	23°14	8°15	T 29
W30	14 31 32	9♉44'03	6♍53	26♈ 7	15♊40	12♓12	18♑22	5♎10	20♐39	1♓34	19♋57	11♉59	12♉12	23♏20	8♈18	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n20	21n28	5n12	7s28	1s 6	14n50	0s 6	15s35	1s 6	21s55	0n21	0s36	2n27	22s58	0n 2	11s14	0s 9	17n21	4s32	15n28	15n52	18s13	5n23	3n 1
W 2	4 43	17 8	5 2	7 12	1 15	15 16	0 3	15 21	1 7	21 54	0 21	0 34	2 27	22 58	0 2	11 14	0 9	17 21	4 32	15 27	15 51	18 16	5 25	3 1
T 3	5 7	12 7	4 37	6 54	1 23	15 41	0 0	15 8	1 8	21 53	0 21	0 32	2 27	22 58	0 2	11 13	0 9	17 21	4 32	15 25	15 50	18 18	5 26	3 1
F 4	5 30	6 41	3 59	6 35	1 31	16 5	0n 3	14 54	1 9	21 53	0 21	0 30	2 27	22 58	0 2	11 13	0 9	17 22	4 31	15 24	15 49	18 21	5 27	3 1
S 5	5 53	1 4	3 11	6 14	1 38	16 30	0 6	14 40	1 9	21 52	0 21	0 28	2 27	22 58	0 2	11 12	0 9	17 22	4 31	15 22	15 48	18 24	5 29	3 1
S 6	6 15	4s31	2 14	5 52	1 44	16 53	0 9	14 26	1 10	21 52	0 21	0 27	2 27	22 58	0 2	11 11	0 9	17 22	4 31	15 21	15 47	18 26	5 30	3 1
M 7	6 38	9 54	1 12	5 29	1 51	17 17	0 12	14 12	1 11	21 51	0 21	0 25	2 27	22 58	0 2	11 11	0 9	17 22	4 31	15 21	15 46	18 29	5 32	3 1
T 8	7 1	14 52	0 7	5 4	1 56	17 40	0 15	13 58	1 11	21 50	0 21	0 23	2 27	22 58	0 2	11 10	0 9	17 22	4 31	15 20	15 45	18 31	5 33	3 1
W 9	7 23	19 15	0s58	4 39	2 2	18 2	0 18	13 43	1 12	21 50	0 21	0 21	2 27	22 58	0 2	11 10	0 9	17 22	4 31	15 20	15 44	18 34	5 34	3 1
T 10	7 46	22 52	2 1	4 12	2 6	18 24	0 21	13 29	1 13	21 49	0 21	0 19	2 27	22 58	0 2	11 9	0 9	17 23	4 31	15 21	15 43	18 37	5 36	3 1
F 11	8 8	25 32	2 58	3 44	2 11	18 46	0 24	13 14	1 14	21 49	0 21	0 18	2 27	22 58	0 2	11 8	0 9	17 23	4 30	15 21	15 42	18 39	5 37	3 1
S 12	8 30	27 5	3 48	3 15	2 15	19 7	0 27	12 59	1 14	21 48	0 21	0 16	2 27	22 58	0 2	11 8	0 9	17 23	4 30	15 22	15 41	18 42	5 38	3 1
S 13	8 52	27 22	4 29	2 44	2 18	19 27	0 30	12 45	1 15	21 48	0 21	0 14	2 27	22 58	0 2	11 7	0 9	17 23	4 30	15 22	15 40	18 44	5 40	3 1
M14	9 14	26 20	4 58	2 13	2 21	19 48	0 34	12 30	1 16	21 47	0 21	0 12	2 27	22 58	0 2	11 7	0 9	17 23	4 30	15 22	15 39	18 47	5 41	3 1
T 15	9 36	23 56	5 14	1 41	2 24	20 7	0 37	12 14	1 16	21 47	0 21	0 11	2 27	22 58	0 2	11 6	0 9	17 23	4 30	15 22	15 38	18 50	5 43	3 1
W16	9 57	20 16	5 15	1 8	2 26	20 26	0 40	11 59	1 17	21 46	0 20	0 9	2 27	22 58	0 2	11 6	0 9	17 23	4 30	15 22	15 38	18 52	5 44	3 1
T 17	10 19	15 28	4 58	0 33	2 27	20 45	0 43	11 44	1 18	21 46	0 20	0 7	2 27	22 58	0 2	11 5	0 9	17 23	4 29	15 21	15 37	18 55	5 45	3 1
F 18	10 40	9 43	4 24	0n 2	2 28	21 3	0 46	11 29	1 18	21 46	0 20	0 6	2 27	22 57	0 2	11 5	0 9	17 23	4 29	15 21	15 36	18 57	5 47	3 1
S 19	11 1	3 17	3 33	0 38	2 29	21 20	0 49	11 13	1 19	21 45	0 20	0 4	2 27	22 57	0 2	11 4	0 9	17 24	4 29	15 20	15 35	19 0	5 48	3 1
S 20	11 22	3n30	2 26	1 15	2 29	21 37	0 52	10 57	1 20	21 45	0 20	0 3	2 27	22 57	0 2	11 4	0 9	17 24	4 29	15 20	15 34	19 2	5 49	3 1
M21	11 42	10 13	1 8	1 53	2 28	21 54	0 55	10 42	1 20	21 45	0 20	0 1	2 27	22 57	0 1	11 3	0 9	17 24	4 29	15 20	15 33	19 5	5 51	3 1
T 22	12 3	16 25	0n16	2 32	2 28	22 9	0 58	10 26	1 21	21 44	0 20	0n 0	2 27	22 57	0 1	11 3	0 9	17 24	4 29	15 20	15 32	19 7	5 52	3 1
W23	12 23	21 35	1 38	3 11	2 26	22 24	1 2	10 10	1 22	21 44	0 20	0 2	2 27	22 57	0 1	11 2	0 9	17 24	4 29	15 20	15 31	19 10	5 53	3 1
T 24	12 43	25 17	2 52	3 51	2 24	22 39	1 5	9 54	1 22	21 44	0 20	0 3	2 27	22 57	0 1	11 2	0 9	17 24	4 28	15 20	15 30	19 12	5 55	3 1
F 25	13 3	27 11	3 54	4 32	2 22	22 53	1 8	9 38	1 23	21 44	0 20	0 5	2 26	22 57	0 1	11 1	0 9	17 24	4 28	15 20	15 29	19 15	5 56	3 1
S 26	13 22	27 14	4 40	5 14	2 19	23 6	1 11	9 22	1 24	21 43	0 20	0 6	2 26	22 57	0 1	11 1	0 9	17 24	4 28	15 20	15 28	19 17	5 57	3 1
S 27	13 42	25 33	5 8	5 56	2 16	23 19	1 14	9 6	1 24	21 43	0 20	0 8	2 26	22 57	0 1	11 1	0 9	17 24	4 28	15 20	15 27	19 20	5 59	3 1
M28	14 1	22 27	5 18	6 39	2 12	23 31	1 17	8 49	1 25	21 43	0 20	0 9	2 26	22 57	0 1	11 0	0 9	17 24	4 28	15 20	15 26	19 23	6 0	3 1
T 29	14 20	18 17	5 11	7 22	2 8	23 43	1 20	8 33	1 26	21 43	0 20	0 10	2 26	22 57	0 1	11 0	0 9	17 24	4 28	15 20	15 25	19 25	6 1	3 1
W30	14n38	13n23	4n48	8n 6	2s 3	23n54	1n22	8s17	1s26	21s43	0n20	0n12	2n26	22s56	0n 1	10s59	0s 9	17n24	4s27	15n20	15n24	19s28	6n 3	3n 1

Julian Day Number = 2874585.5, Delta T = 01h13m22s
Ecliptic obliquity = 23°17'29, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°57'37, Lahiri = 40°04'37

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ASTRODIENST EPHEMERIS for the year 3158
geocentric

MAY 3158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 35 28	10♉42'58	19♍24	27♈58	16♊51	12♓57	18♑23	5°R 7	20°R37	1♓35	19♋57	11°R59	12♉ 9	23♏27	8♈21	T 1
F 2	14 39 25	11°41'50	1♎41	29°50	18° 2	13°42	18°23	5♎ 4	20♐35	1°36	19°58	11°D59	12° 5	23°34	8°24	F 2
S 3	14 43 21	12°40'40	13°47	1♉44	19°13	14°26	18°24	5° 0	20°33	1°37	19°59	11♉59	12° 2	23°40	8°27	S 3
S 4	14 47 18	13°39'28	25°46	3°40	20°24	15°11	18°24	4°57	20°32	1°38	19°59	11°59	11°59	23°47	8°30	S 4
M 5	14 51 14	14°38'14	7♏38	5°37	21°35	15°56	18°R24	4°54	20°30	1°39	20° 0	11°R59	11°56	23°54	8°34	M 5
T 6	14 55 11	15°36'58	19°27	7°35	22°46	16°41	18°24	4°51	20°28	1°40	20° 1	11°59	11°53	24° 0	8°37	T 6
W 7	14 59 7	16°35'41	1♐15	9°35	23°56	17°26	18°24	4°48	20°26	1°41	20° 2	11°59	11°50	24° 7	8°40	W 7
T 8	15 3 4	17°34'21	13° 4	11°36	25° 7	18°11	18°23	4°45	20°24	1°42	20° 2	11°58	11°46	24°14	8°43	T 8
F 9	15 7 1	18°33'00	24°57	13°39	26°17	18°56	18°23	4°42	20°22	1°43	20° 3	11°58	11°43	24°20	8°46	F 9
S 10	15 10 57	19°31'37	6♑56	15°43	27°28	19°41	18°22	4°40	20°20	1°44	20° 4	11°57	11°40	24°27	8°49	S 10
S 11	15 14 54	20°30'13	19° 4	17°49	28°38	20°26	18°21	4°37	20°18	1°45	20° 5	11°56	11°37	24°34	8°52	S 11
M12	15 18 50	21°28'46	1♒25	19°55	29°48	21°11	18°20	4°35	20°16	1°45	20° 6	11°55	11°34	24°40	8°55	M12
T 13	15 22 47	22°27'18	14° 2	22° 2	0♋58	21°56	18°18	4°32	20°14	1°46	20° 6	11°54	11°30	24°47	8°57	T 13
W14	15 26 43	23°25'49	26°59	24°10	2° 8	22°40	18°17	4°30	20°12	1°47	20° 7	11°D54	11°27	24°54	9° 0	W14
T 15	15 30 40	24°24'18	10♓19	26°19	3°18	23°25	18°15	4°28	20°10	1°47	20° 8	11°54	11°24	25° 0	9° 3	T 15
F 16	15 34 36	25°22'45	24° 5	28°28	4°28	24°10	18°13	4°25	20° 7	1°48	20° 9	11°55	11°21	25° 7	9° 6	F 16
S 17	15 38 33	26°21'11	8♈16	0♊37	5°37	24°55	18°11	4°23	20° 5	1°49	20°10	11°56	11°18	25°13	9° 9	S 17
S 18	15 42 30	27°19'36	22°52	2°46	6°47	25°40	18° 9	4°21	20° 3	1°49	20°11	11°57	11°15	25°20	9°11	S 18
M19	15 46 26	28°17'58	7♉47	4°54	7°56	26°25	18° 6	4°20	20° 1	1°50	20°12	11°R58	11°11	25°27	9°14	M19
T 20	15 50 23	29°16'20	22°55	7° 2	9° 5	27°10	18° 3	4°18	19°58	1°50	20°13	11°58	11° 8	25°33	9°17	T 20
W21	15 54 19	0♊14'39	8♊ 8	9° 8	10°14	27°55	18° 1	4°16	19°56	1°51	20°14	11°57	11° 5	25°40	9°19	W21
T 22	15 58 16	1°12'57	23°15	11°14	11°23	28°40	17°58	4°15	19°54	1°51	20°15	11°55	11° 2	25°47	9°22	T 22
F 23	16 2 12	2°11'13	8♋ 8	13°17	12°32	29°25	17°54	4°13	19°51	1°51	20°16	11°52	10°59	25°53	9°24	F 23
S 24	16 6 9	3° 9'28	22°38	15°19	13°41	0♈ 9	17°51	4°12	19°49	1°52	20°17	11°49	10°56	26° 0	9°27	S 24
S 25	16 10 6	4° 7'40	6♌42	17°18	14°50	0°54	17°47	4°11	19°47	1°52	20°18	11°47	10°52	26° 7	9°29	S 25
M26	16 14 2	5° 5'50	20°19	19°15	15°58	1°39	17°44	4° 9	19°44	1°52	20°19	11°45	10°49	26°13	9°32	M26
T 27	16 17 59	6° 3'59	3♍29	21° 9	17° 7	2°24	17°40	4° 8	19°42	1°53	20°20	11°D44	10°46	26°20	9°34	T 27
W28	16 21 55	7° 2'05	16°14	23° 1	18°15	3° 9	17°36	4° 7	19°40	1°53	20°21	11°45	10°43	26°27	9°36	W28
T 29	16 25 52	8° 0'09	28°40	24°49	19°23	3°53	17°31	4° 7	19°37	1°53	20°22	11°46	10°40	26°33	9°39	T 29
F 30	16 29 48	8°58'12	10♎50	26°35	20°31	4°38	17°27	4° 6	19°35	1°53	20°24	11°48	10°36	26°40	9°41	F 30
S 31	16 33 45	9♊56'13	22♎49	28♊17	21♋39	5♈23	17♑23	4♎ 5	19♐32	1♓53	20♋25	11♉49	10♉33	26♏47	9♈43	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	14n57	8n 3	4n13	8n51	1s58	24n 4	1n25	8s 0	1s27	21s43	0n20	0n13	2n26	22s56	0n 1	10s59	0s 9	17n25	4s27	15n20	15n23	19s30	6n 4	3n 1	
F 2	15 15	2 29	3 26	9 35	1 52	24 13	1 28	7 43	1 28	21 43	0 20	0 14	2 26	22 56	0 1	10 59	0 9	17 25	4 27	15 20	15 22	19 33	6 5	3 1	
S 3	15 33	3s 6	2 30	10 21	1 46	24 22	1 31	7 27	1 28	21 43	0 20	0 15	2 26	22 56	0 1	10 58	0 9	17 25	4 27	15 20	15 21	19 35	6 6	3 1	
S 4	15 50	8 31	1 29	11 6	1 39	24 30	1 34	7 10	1 29	21 43	0 20	0 16	2 25	22 56	0 1	10 58	0 9	17 25	4 27	15 20	15 20	19 38	6 8	3 1	
M 5	16 8	13 35	0 24	11 52	1 32	24 38	1 36	6 53	1 30	21 43	0 20	0 17	2 25	22 56	0 1	10 58	0 9	17 25	4 27	15 20	15 19	19 40	6 9	3 1	
T 6	16 25	18 9	0s41	12 37	1 25	24 45	1 39	6 37	1 30	21 43	0 20	0 18	2 25	22 56	0 1	10 57	0 9	17 25	4 27	15 20	15 18	19 42	6 10	3 1	
W 7	16 42	22 0	1 45	13 23	1 16	24 51	1 42	6 20	1 31	21 43	0 19	0 20	2 25	22 56	0 1	10 57	0 9	17 25	4 26	15 20	15 17	19 45	6 11	3 1	
T 8	16 58	24 57	2 44	14 9	1 8	24 56	1 44	6 3	1 31	21 43	0 19	0 21	2 25	22 55	0 1	10 57	0 9	17 25	4 26	15 20	15 16	19 47	6 13	3 1	
F 9	17 14	26 48	3 37	14 54	0 59	25 1	1 47	5 46	1 32	21 43	0 19	0 21	2 25	22 55	0 1	10 56	0 9	17 25	4 26	15 20	15 15	19 50	6 14	3 1	
S 10	17 30	27 26	4 20	15 39	0 50	25 5	1 49	5 29	1 33	21 43	0 19	0 22	2 25	22 55	0 1	10 56	0 9	17 25	4 26	15 19	15 14	19 52	6 15	3 1	
S 11	17 46	26 46	4 52	16 23	0 40	25 9	1 52	5 12	1 33	21 44	0 19	0 23	2 24	22 55	0 1	10 56	0 9	17 25	4 26	15 19	15 13	19 55	6 16	3 1	
M12	18 1	24 47	5 12	17 7	0 30	25 12	1 54	4 55	1 34	21 44	0 19	0 24	2 24	22 55	0 1	10 56	0 9	17 25	4 26	15 19	15 12	19 57	6 17	3 1	
T 13	18 16	21 34	5 17	17 50	0 20	25 14	1 56	4 38	1 34	21 44	0 19	0 25	2 24	22 55	0 1	10 55	0 9	17 25	4 26	15 19	15 11	20 0	6 19	3 1	
W14	18 31	17 14	5 6	18 32	0 10	25 15	1 59	4 21	1 35	21 44	0 19	0 26	2 24	22 55	0 1	10 55	0 9	17 25	4 25	15 19	15 11	20 2	6 20	3 1	
T 15	18 45	11 57	4 39	19 13	0n 1	25 16	2 1	4 3	1 35	21 45	0 19	0 26	2 24	22 54	0 1	10 55	0 9	17 25	4 25	15 19	15 10	20 5	6 21	3 1	
F 16	18 59	5 56	3 55	19 53	0 11	25 16	2 3	3 46	1 36	21 45	0 19	0 27	2 24	22 54	0 1	10 55	0 9	17 25	4 25	15 19	15 9	20 7	6 22	3 1	
S 17	19 13	0n34	2 56	20 30	0 22	25 15	2 5	3 29	1 36	21 45	0 19	0 28	2 23	22 54	0 1	10 55	0 9	17 25	4 25	15 19	15 8	20 9	6 23	3 1	
S 18	19 26	7 14	1 44	21 7	0 32	25 14	2 7	3 12	1 37	21 46	0 19	0 28	2 23	22 54	0 1	10 54	0 9	17 25	4 25	15 20	15 7	20 12	6 24	3 1	
M19	19 40	13 39	0 23	21 41	0 43	25 12	2 9	2 55	1 38	21 46	0 19	0 29	2 23	22 54	0 1	10 54	0 9	17 25	4 25	15 20	15 6	20 14	6 25	3 2	
T 20	19 52	19 22	1n 0	22 13	0 53	25 9	2 11	2 37	1 38	21 46	0 19	0 30	2 23	22 54	0 1	10 54	0 9	17 25	4 25	15 20	15 5	20 17	6 26	3 2	
W21	20 5	23 50	2 20	22 43	1 3	25 6	2 12	2 20	1 39	21 47	0 19	0 30	2 23	22 54	0 1	10 54	0 9	17 25	4 24	15 19	15 4	20 19	6 27	3 2	
T 22	20 17	26 36	3 29	23 11	1 12	25 2	2 14	2 3	1 39	21 47	0 19	0 30	2 23	22 53	0 1	10 54	0 9	17 25	4 24	15 19	15 3	20 22	6 29	3 2	
F 23	20 28	27 25	4 23	23 36	1 22	24 57	2 16	1 45	1 40	21 48	0 18	0 31	2 22	22 53	0 1	10 54	0 9	17 25	4 24	15 18	15 2	20 24	6 30	3 2	
S 24	20 40	26 18	4 58	23 59	1 30	24 52	2 17	1 28	1 40	21 48	0 18	0 31	2 22	22 53	0 1	10 53	0 9	17 25	4 24	15 17	15 1	20 26	6 31	3 2	
S 25	20 50	23 33	5 14	24 19	1 38	24 46	2 19	1 11	1 41	21 49	0 18	0 32	2 22	22 53	0 1	10 53	0 9	17 25	4 24	15 17	15 0	20 29	6 32	3 2	
M26	21 1	19 33	5 12	24 37	1 46	24 40	2 20	0 54	1 41	21 49	0 18	0 32	2 22	22 53	0 1	10 53	0 9	17 25	4 24	15 16	14 59	20 31	6 33	3 2	
T 27	21 11	14 43	4 53	24 52	1 53	24 32	2 21	0 36	1 42	21 50	0 18	0 32	2 22	22 53	0 1	10 53	0 9	17 25	4 24	15 16	14 58	20 34	6 34	3 2	
W28	21 21	9 24	4 20	25 5	1 59	24 25	2 22	0 19	1 42	21 51	0 18	0 32	2 21	22 52	0 1	10 53	0 9	17 25	4 24	15 16	14 57	20 36	6 35	3 2	
T 29	21 30	3 50	3 36	25 15	2 4	24 16	2 24	0 2	1 42	21 51	0 18	0 32	2 21	22 52	0 1	10 53	0 9	17 25	4 23	15 16	14 56	20 38	6 36	3 2	
F 30	21 40	1s46	2 42	25 23	2 9	24 7	2 24	0n15	1 43	21 52	0 18	0 33	2 21	22 52	0 1	10 53	0 9	17 25	4 23	15 17	14 55	20 41	6 36	3 2	
S 31	21n48	7s14	1n43	25n29	2n12	23n57	2n25	0n33	1s43	21s53	0n18	0n33	2n21	22s52	0n 1	10s53	0s 9	17n25	4s23	15n17	14n54	20s43	6n37	3n 2	

Julian Day Number = 2874615.5, Delta T = 01h13m22s
Ecliptic obliquity = 23°17'29, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°57'41, Lahiri = 40°04'41

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ASTRODIENST EPHEMERIS for the year 3158
geocentric

JUNE 3158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 37 41	10♊54'12	4♏40	29♊56	22♋46	6♈ 8	17°R18	4°R 5	19°R30	1♓54	20♋26	11♉50	10♉30	26♏53	9♈45	S 1
M 2	16 41 38	11°52'10	16°28	1♋31	23°54	6°52	17♐13	4♎ 4	19♗27	1°54	20°27	11°R50	10°27	27° 0	9°47	M 2
T 3	16 45 34	12°50'05	28°15	3° 3	25° 1	7°37	17° 8	4° 4	19°25	1°54	20°28	11°49	10°24	27° 7	9°49	T 3
W 4	16 49 31	13°48'00	10♗ 5	4°31	26° 8	8°22	17° 3	4° 4	19°22	1°R54	20°29	11°46	10°21	27°13	9°51	W 4
T 5	16 53 28	14°45'53	21°59	5°56	27°15	9° 6	16°58	4° 4	19°20	1°54	20°31	11°42	10°17	27°20	9°53	T 5
F 6	16 57 24	15°43'45	3♑59	7°17	28°22	9°51	16°52	4°D 4	19°17	1°54	20°32	11°37	10°14	27°26	9°55	F 6
S 7	17 1 21	16°41'35	16° 7	8°34	29°28	10°36	16°47	4° 4	19°15	1°54	20°33	11°31	10°11	27°33	9°57	S 7
S 8	17 5 17	17°39'24	28°25	9°47	0♌35	11°20	16°41	4° 4	19°12	1°53	20°34	11°24	10° 8	27°40	9°59	S 8
M 9	17 9 14	18°37'12	10♒54	10°57	1°41	12° 5	16°35	4° 4	19°10	1°53	20°36	11°19	10° 5	27°46	10° 1	M 9
T 10	17 13 10	19°34'59	23°37	12° 3	2°47	12°49	16°29	4° 5	19° 7	1°53	20°37	11°15	10° 2	27°53	10° 3	T 10
W11	17 17 7	20°32'44	6♓35	13° 5	3°52	13°34	16°23	4° 5	19° 5	1°53	20°38	11°12	9°58	28° 0	10° 4	W11
T 12	17 21 4	21°30'29	19°52	14° 3	4°58	14°18	16°17	4° 6	19° 2	1°53	20°40	11°D11	9°55	28° 6	10° 6	T 12
F 13	17 25 0	22°28'12	3♈29	14°56	6° 3	15° 3	16°10	4° 6	19° 0	1°52	20°41	11°11	9°52	28°13	10° 7	F 13
S 14	17 28 57	23°25'55	17°28	15°46	7° 9	15°47	16° 4	4° 7	18°57	1°52	20°42	11°13	9°49	28°20	10° 9	S 14
S 15	17 32 53	24°23'37	1♉48	16°31	8°14	16°31	15°57	4° 8	18°55	1°52	20°43	11°14	9°46	28°26	10°11	S 15
M16	17 36 50	25°21'18	16°29	17°13	9°18	17°16	15°51	4° 9	18°52	1°51	20°45	11°R14	9°42	28°33	10°12	M16
T 17	17 40 46	26°18'58	1♊24	17°49	10°23	18° 0	15°44	4°10	18°50	1°51	20°46	11°12	9°39	28°40	10°13	T 17
W18	17 44 43	27°16'37	16°28	18°22	11°27	18°44	15°37	4°11	18°47	1°50	20°48	11° 9	9°36	28°46	10°15	W18
T 19	17 48 39	28°14'15	1♋31	18°50	12°31	19°29	15°30	4°13	18°45	1°50	20°49	11° 3	9°33	28°53	10°16	T 19
F 20	17 52 36	29°11'52	16°25	19°13	13°35	20°13	15°23	4°14	18°42	1°49	20°50	10°56	9°30	29° 0	10°17	F 20
S 21	17 56 33	0♌ 9'27	1♌ 0	19°32	14°39	20°57	15°16	4°16	18°40	1°49	20°52	10°49	9°27	29° 6	10°19	S 21
S 22	18 0 29	1° 7'02	15°11	19°46	15°42	21°41	15° 9	4°17	18°38	1°48	20°53	10°42	9°23	29°13	10°20	S 22
M23	18 4 26	2° 4'35	28°54	19°55	16°45	22°25	15° 2	4°19	18°35	1°48	20°54	10°36	9°20	29°20	10°21	M23
T 24	18 8 22	3° 2'07	12♍ 9	20° 0	17°48	23° 9	14°54	4°21	18°33	1°47	20°56	10°32	9°17	29°26	10°22	T 24
W25	18 12 19	3°59'38	24°57	20°R 0	18°50	23°53	14°47	4°23	18°30	1°46	20°57	10°30	9°14	29°33	10°23	W25
T 26	18 16 15	4°57'07	7♎24	19°56	19°52	24°37	14°40	4°25	18°28	1°46	20°59	10°D29	9°11	29°40	10°24	T 26
F 27	18 20 12	5°54'35	19°33	19°48	20°54	25°21	14°32	4°27	18°26	1°45	21° 0	10°30	9° 8	29°46	10°25	F 27
S 28	18 24 8	6°52'03	1♏29	19°35	21°56	26° 4	14°25	4°29	18°23	1°44	21° 2	10°31	9° 4	29°53	10°26	S 28
S 29	18 28 5	7°49'29	13°19	19°18	22°57	26°48	14°17	4°32	18°21	1°44	21° 3	10°R31	9° 1	29°59	10°26	S 29
M30	18 32 2	8♋46'54	25♏ 6	18♋58	23♌58	27♈32	14♐10	4♎34	18♗19	1♓43	21♋ 4	10♉30	8♉58	0♗ 6	10♈27	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n56	12s23	0n39	25n33	2n15	23n47	2n26	0n50	1s44	21s53	0n18	0n33	2n21	22s52	0n 1	10s53	0s 9	17n25	4s23	15n18	14n53	20s45	6n38	3n 2
M 2	22 4	17 4	0s25	25 34	2 17	23 36	2 27	1 7	1 44	21 54	0 18	0 33	2 20	22 51	0 1	10 53	0 9	17 25	4 23	15 18	14 52	20 48	6 39	3 2
T 3	22 12	21 6	1 29	25 34	2 18	23 25	2 27	1 24	1 45	21 55	0 18	0 33	2 20	22 51	0 1	10 53	0 9	17 24	4 23	15 17	14 51	20 50	6 40	3 3
W 4	22 19	24 16	2 28	25 31	2 19	23 13	2 28	1 41	1 45	21 55	0 18	0 32	2 20	22 51	0 1	10 53	0 9	17 24	4 23	15 16	14 50	20 52	6 41	3 3
T 5	22 26	26 25	3 22	25 27	2 18	23 0	2 28	1 58	1 45	21 56	0 17	0 32	2 20	22 51	0 1	10 53	0 10	17 24	4 23	15 15	14 49	20 55	6 42	3 3
F 6	22 32	27 21	4 7	25 22	2 16	22 47	2 28	2 15	1 46	21 57	0 17	0 32	2 20	22 51	0 1	10 53	0 10	17 24	4 23	15 13	14 48	20 57	6 43	3 3
S 7	22 38	26 59	4 41	25 15	2 14	22 33	2 29	2 32	1 46	21 58	0 17	0 32	2 19	22 51	0 1	10 53	0 10	17 24	4 22	15 12	14 47	21 0	6 43	3 3
S 8	22 43	25 18	5 3	25 6	2 11	22 19	2 29	2 49	1 47	21 58	0 17	0 32	2 19	22 50	0 1	10 53	0 10	17 24	4 22	15 10	14 46	21 2	6 44	3 3
M 9	22 48	22 22	5 11	24 57	2 6	22 5	2 29	3 6	1 47	21 59	0 17	0 31	2 19	22 50	0 1	10 53	0 10	17 24	4 22	15 8	14 45	21 4	6 45	3 3
T 10	22 53	18 20	5 4	24 46	2 1	21 49	2 28	3 23	1 47	22 0	0 17	0 31	2 19	22 50	0 1	10 53	0 10	17 24	4 22	15 7	14 44	21 6	6 46	3 3
W11	22 57	13 23	4 41	24 34	1 55	21 34	2 28	3 40	1 48	22 1	0 17	0 31	2 19	22 50	0 1	10 53	0 10	17 24	4 22	15 6	14 43	21 9	6 46	3 3
T 12	23 1	7 43	4 3	24 21	1 48	21 18	2 28	3 57	1 48	22 2	0 17	0 30	2 18	22 50	0 1	10 54	0 10	17 24	4 22	15 5	14 42	21 11	6 47	3 3
F 13	23 5	1 32	3 10	24 7	1 40	21 1	2 27	4 14	1 48	22 3	0 17	0 30	2 18	22 49	0 1	10 54	0 10	17 24	4 22	15 6	14 41	21 13	6 48	3 3
S 14	23 8	4n53	2 5	23 53	1 32	20 44	2 26	4 30	1 49	22 3	0 17	0 29	2 18	22 49	0 1	10 54	0 10	17 24	4 22	15 6	14 40	21 16	6 49	3 3
S 15	23 10	11 14	0 51	23 38	1 22	20 26	2 26	4 47	1 49	22 4	0 16	0 29	2 18	22 49	0 1	10 54	0 10	17 24	4 22	15 6	14 39	21 18	6 49	3 4
M16	23 13	17 7	0n28	23 23	1 12	20 8	2 25	5 3	1 49	22 5	0 16	0 28	2 18	22 49	0 1	10 54	0 10	17 23	4 22	15 6	14 38	21 20	6 50	3 4
T 17	23 14	22 4	1 47	23 7	1 0	19 50	2 24	5 20	1 49	22 6	0 16	0 27	2 17	22 49	0 1	10 54	0 10	17 23	4 21	15 6	14 37	21 23	6 51	3 4
W18	23 16	25 34	2 59	22 50	0 48	19 31	2 22	5 36	1 50	22 7	0 16	0 27	2 17	22 48	0 1	10 54	0 10	17 23	4 21	15 5	14 36	21 25	6 51	3 4
T 19	23 17	27 15	3 58	22 34	0 35	19 12	2 21	5 53	1 50	22 8	0 16	0 26	2 17	22 48	0 1	10 55	0 10	17 23	4 21	15 3	14 35	21 27	6 52	3 4
F 20	23 17	26 55	4 40	22 17	0 22	18 52	2 20	6 9	1 50	22 9	0 16	0 25	2 17	22 48	0 1	10 55	0 10	17 23	4 21	15 1	14 34	21 29	6 52	3 4
S 21	23 17	24 44	5 3	22 0	0 7	18 32	2 18	6 25	1 50	22 10	0 16	0 24	2 17	22 48	0 1	10 55	0 10	17 23	4 21	14 59	14 33	21 32	6 53	3 4
S 22	23 17	21 4	5 7	21 43	0s 8	18 12	2 16	6 41	1 51	22 11	0 16	0 24	2 16	22 48	0 1	10 55	0 10	17 23	4 21	14 56	14 32	21 34	6 53	3 4
M23	23 17	16 21	4 52	21 26	0 23	17 51	2 14	6 57	1 51	22 11	0 16	0 23	2 16	22 47	0 1	10 55	0 10	17 23	4 21	14 55	14 31	21 36	6 54	3 4
T 24	23 15	11 0	4 22	21 10	0 39	17 30	2 12	7 13	1 51	22 12	0 15	0 22	2 16	22 47	0 1	10 56	0 10	17 23	4 21	14 53	14 30	21 38	6 55	3 4
W25	23 14	5 22	3 40	20 53	0 56	17 9	2 10	7 29	1 51	22 13	0 15	0 21	2 16	22 47	0 1	10 56	0 10	17 22	4 21	14 53	14 29	21 41	6 55	3 5
T 26	23 12	0s20	2 48	20 37	1 13	16 47	2 8	7 45	1 51	22 14	0 15	0 20	2 16	22 47	0 1	10 56	0 10	17 22	4 21	14 53	14 28	21 43	6 55	3 5
F 27	23 10	5 54	1 50	20 22	1 30	16 25	2 5	8 1	1 52	22 15	0 15	0 19	2 15	22 47	0 1	10 56	0 10	17 22	4 21	14 53	14 27	21 45	6 56	3 5
S 28	23 7	11 10	0 48	20 6	1 47	16 3	2 3	8 16	1 52	22 16	0 15	0 18	2 15	22 46	0 1	10 57	0 10	17 22	4 21	14 53	14 26	21 47	6 56	3 5
S 29	23 4	15 59	0s15	19 52	2 4	15 40	2 0	8 32	1 52	22 17	0 15	0 17	2 15	22 46	0 1	10 57	0 10	17 22	4 20	14 53	14 25	21 50	6 57	3 5
M30	23n 0	20s10	1s17	19n38	2s21	15n18	1n57	8n47	1s52	22s18	0n15	0n16	2n15	22s46	0n 1	10s57	0s10	17n22	4s20	14n53	14n24	21s52	6n57	3n 5

Julian Day Number = 2874646.5, Delta T = 01h13m23s
Ecliptic obliquity = 23°17'29, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°57'45, Lahiri = 40°04'46

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3158
geocentric

JULY 3158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 35 58	9♋44'18	6♐54	18°R34	24♌59	28♈15	14°R 2	4♎37	18°R16	1°R42	21♋ 6	10°R27	8♉55	0♐13	10♈28	T 1
W 2	18 39 55	10°41'42	18°48	18♋ 7	25°59	28°59	13♏54	4°39	18♐14	1♓41	21° 7	10♉21	8°52	0°19	10°28	W 2
T 3	18 43 51	11°39'04	0♏50	17°38	26°59	29°42	13°47	4°42	18°12	1°40	21° 9	10°13	8°48	0°26	10°29	T 3
F 4	18 47 48	12°36'26	13° 1	17° 7	27°58	0♉26	13°39	4°45	18°10	1°39	21°10	10° 3	8°45	0°33	10°29	F 4
S 5	18 51 44	13°33'48	25°22	16°34	28°57	1° 9	13°31	4°48	18° 7	1°38	21°12	9°52	8°42	0°39	10°30	S 5
S 6	18 55 41	14°31'08	7♒55	16° 0	29°56	1°52	13°24	4°51	18° 5	1°37	21°13	9°40	8°39	0°46	10°30	S 6
M 7	18 59 38	15°28'28	20°39	15°26	0♍54	2°36	13°16	4°54	18° 3	1°36	21°15	9°30	8°36	0°53	10°31	M 7
T 8	19 3 34	16°25'48	3♓36	14°52	1°52	3°19	13° 8	4°57	18° 1	1°35	21°16	9°22	8°33	0°59	10°31	T 8
W 9	19 7 31	17°23'07	16°45	14°18	2°49	4° 2	13° 1	5° 0	17°59	1°34	21°18	9°16	8°29	1° 6	10°31	W 9
T 10	19 11 27	18°20'26	0♈ 7	13°46	3°46	4°45	12°53	5° 4	17°57	1°33	21°19	9°12	8°26	1°13	10°32	T 10
F 11	19 15 24	19°17'45	13°44	13°16	4°42	5°28	12°46	5° 7	17°55	1°32	21°20	9°D11	8°23	1°19	10°32	F 11
S 12	19 19 20	20°15'04	27°35	12°48	5°38	6°11	12°38	5°10	17°53	1°31	21°22	9°11	8°20	1°26	10°32	S 12
S 13	19 23 17	21°12'22	11♉43	12°24	6°34	6°54	12°30	5°14	17°51	1°30	21°23	9°R11	8°17	1°33	10°R32	S 13
M14	19 27 13	22° 9'41	26° 6	12° 2	7°29	7°36	12°23	5°18	17°49	1°29	21°25	9°10	8°14	1°39	10°32	M14
T 15	19 31 10	23° 6'59	10♊42	11°44	8°23	8°19	12°16	5°22	17°47	1°28	21°26	9° 7	8°10	1°46	10°32	T 15
W16	19 35 7	24° 4'18	25°25	11°31	9°17	9° 2	12° 8	5°25	17°45	1°27	21°28	9° 2	8° 7	1°53	10°32	W16
T 17	19 39 3	25° 1'36	10♋11	11°21	10°11	9°44	12° 1	5°29	17°43	1°25	21°29	8°53	8° 4	1°59	10°32	T 17
F 18	19 43 0	25°58'54	24°51	11°16	11° 4	10°26	11°54	5°33	17°42	1°24	21°31	8°43	8° 1	2° 6	10°31	F 18
S 19	19 46 56	26°56'12	9♌17	11°D16	11°56	11° 9	11°46	5°38	17°40	1°23	21°32	8°32	7°58	2°13	10°31	S 19
S 20	19 50 53	27°53'30	23°22	11°20	12°47	11°51	11°39	5°42	17°38	1°22	21°34	8°21	7°54	2°19	10°31	S 20
M21	19 54 49	28°50'47	7♍ 4	11°30	13°38	12°33	11°32	5°46	17°36	1°20	21°35	8°12	7°51	2°26	10°30	M21
T 22	19 58 46	29°48'04	20°19	11°44	14°28	13°15	11°25	5°50	17°35	1°19	21°37	8° 4	7°48	2°33	10°30	T 22
W23	20 2 42	0♌45'20	3♎ 9	12° 3	15°18	13°57	11°18	5°55	17°33	1°18	21°38	8° 0	7°45	2°39	10°29	W23
T 24	20 6 39	1°42'36	15°36	12°27	16° 7	14°39	11°11	5°59	17°32	1°16	21°40	7°57	7°42	2°46	10°29	T 24
F 25	20 10 36	2°39'52	27°46	12°57	16°55	15°21	11° 5	6° 4	17°30	1°15	21°41	7°57	7°39	2°53	10°28	F 25
S 26	20 14 32	3°37'08	9♏44	13°31	17°42	16° 2	10°58	6° 9	17°29	1°14	21°42	7°57	7°35	2°59	10°28	S 26
S 27	20 18 29	4°34'23	21°34	14°10	18°28	16°44	10°52	6°13	17°27	1°12	21°44	7°56	7°32	3° 6	10°27	S 27
M28	20 22 25	5°31'39	3♐22	14°54	19°14	17°25	10°45	6°18	17°26	1°11	21°45	7°54	7°29	3°13	10°26	M28
T 29	20 26 22	6°28'54	15°14	15°43	19°59	18° 6	10°39	6°23	17°24	1° 9	21°47	7°50	7°26	3°19	10°25	T 29
W30	20 30 18	7°26'09	27°13	16°37	20°42	18°47	10°33	6°28	17°23	1° 8	21°48	7°44	7°23	3°26	10°25	W30
T 31	20 34 15	8♌23'24	9♑22	17♋35	21♍25	19♉29	10♑27	6♎33	17♐22	1♓ 6	21♋50	7♉34	7♉20	3♐33	10♈24	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n56	23s34	2s16	19n24	2s38	14n55	1n54	9n 2	1s52	22s19	0n15	0n14	2n15	22s46	0n 1	10s58	0s10	17n22	4s20	14n52	14n23	21s54	6n57	3n 5
W 2	22 52	25 58	3 10	19 12	2 54	14 31	1 51	9 18	1 52	22 20	0 15	0 13	2 14	22 46	0 1	10 58	0 10	17 21	4 20	14 50	14 22	21 56	6 58	3 5
T 3	22 47	27 13	3 55	19 0	3 10	14 8	1 48	9 33	1 52	22 21	0 14	0 12	2 14	22 46	0 1	10 58	0 10	17 21	4 20	14 47	14 21	21 58	6 58	3 5
F 4	22 42	27 9	4 30	18 49	3 25	13 44	1 44	9 48	1 52	22 22	0 14	0 11	2 14	22 45	0 1	10 59	0 10	17 21	4 20	14 44	14 20	22 1	6 58	3 5
S 5	22 36	25 44	4 53	18 39	3 39	13 20	1 40	10 3	1 52	22 22	0 14	0 9	2 14	22 45	0 1	10 59	0 10	17 21	4 20	14 41	14 19	22 3	6 59	3 6
S 6	22 30	23 3	5 3	18 30	3 52	12 56	1 36	10 17	1 52	22 23	0 14	0 8	2 14	22 45	0 1	10 59	0 10	17 21	4 20	14 37	14 18	22 5	6 59	3 6
M 7	22 24	19 13	4 57	18 22	4 4	12 32	1 32	10 32	1 52	22 24	0 14	0 7	2 13	22 45	0 1	11 0	0 10	17 21	4 20	14 34	14 17	22 7	6 59	3 6
T 8	22 17	14 25	4 37	18 15	4 14	12 7	1 28	10 47	1 52	22 25	0 14	0 5	2 13	22 45	0 1	11 0	0 10	17 21	4 20	14 31	14 16	22 9	6 59	3 6
W 9	22 10	8 54	4 1	18 9	4 24	11 43	1 24	11 1	1 52	22 26	0 14	0 4	2 13	22 44	0 1	11 0	0 10	17 20	4 20	14 29	14 15	22 12	7 0	3 6
T 10	22 3	2 53	3 12	18 5	4 31	11 18	1 19	11 15	1 52	22 27	0 14	0 2	2 13	22 44	0 1	11 1	0 10	17 20	4 20	14 28	14 14	22 14	7 0	3 6
F 11	21 55	3n22	2 11	18 2	4 38	10 53	1 15	11 30	1 52	22 28	0 13	0 1	2 13	22 44	0 1	11 1	0 10	17 20	4 20	14 28	14 13	22 16	7 0	3 6
S 12	21 47	9 36	1 1	17 59	4 43	10 28	1 10	11 44	1 52	22 29	0 13	0s 1	2 12	22 44	0 1	11 2	0 10	17 20	4 20	14 28	14 12	22 18	7 0	3 6
S 13	21 38	15 28	0n13	17 58	4 46	10 3	1 5	11 58	1 52	22 29	0 13	0 2	2 12	22 44	0 1	11 2	0 10	17 20	4 20	14 28	14 11	22 20	7 0	3 6
M14	21 29	20 36	1 29	17 59	4 48	9 38	1 0	12 11	1 52	22 30	0 13	0 4	2 12	22 44	0 1	11 2	0 10	17 20	4 19	14 28	14 10	22 22	7 0	3 6
T 15	21 20	24 32	2 39	18 0	4 48	9 13	0 54	12 25	1 52	22 31	0 13	0 6	2 12	22 43	0 1	11 3	0 10	17 19	4 19	14 27	14 9	22 25	7 0	3 7
W16	21 10	26 52	3 39	18 2	4 47	8 48	0 49	12 39	1 52	22 32	0 13	0 7	2 12	22 43	0 1	11 3	0 10	17 19	4 19	14 25	14 8	22 27	7 0	3 7
T 17	21 0	27 18	4 25	18 5	4 44	8 22	0 43	12 52	1 52	22 33	0 13	0 9	2 12	22 43	0 1	11 4	0 10	17 19	4 19	14 22	14 7	22 29	7 0	3 7
F 18	20 49	25 49	4 53	18 9	4 40	7 57	0 37	13 5	1 52	22 33	0 12	0 11	2 11	22 43	0 1	11 4	0 10	17 19	4 19	14 19	14 6	22 31	7 0	3 7
S 19	20 38	22 40	5 1	18 14	4 35	7 32	0 31	13 18	1 52	22 34	0 12	0 13	2 11	22 43	0 1	11 5	0 10	17 19	4 19	14 16	14 5	22 33	7 0	3 7
S 20	20 27	18 13	4 51	18 20	4 29	7 6	0 25	13 31	1 52	22 35	0 12	0 14	2 11	22 43	0 1	11 5	0 10	17 18	4 19	14 12	14 4	22 35	7 0	3 7
M21	20 16	12 57	4 24	18 27	4 22	6 41	0 18	13 44	1 52	22 36	0 12	0 16	2 11	22 43	0 1	11 5	0 10	17 18	4 19	14 9	14 3	22 37	7 0	3 7
T 22	20 4	7 15	3 44	18 34	4 14	6 16	0 12	13 57	1 51	22 36	0 12	0 18	2 11	22 42	0 1	11 6	0 10	17 18	4 19	14 7	14 2	22 39	7 0	3 7
W23	19 52	1 25	2 53	18 41	4 5	5 50	0 5	14 9	1 51	22 37	0 12	0 20	2 11	22 42	0 1	11 6	0 10	17 18	4 19	14 5	14 1	22 42	7 0	3 7
T 24	19 39	4s20	1 55	18 49	3 55	5 25	0s 2	14 22	1 51	22 38	0 12	0 22	2 10	22 42	0 1	11 7	0 10	17 18	4 19	14 5	14 0	22 44	7 0	3 7
F 25	19 27	9 47	0 54	18 57	3 44	5 0	0 9	14 34	1 51	22 39	0 11	0 24	2 10	22 42	0 1	11 7	0 10	17 18	4 19	14 4	13 58	22 46	7 0	3 7
S 26	19 13	14 47	0s 9	19 5	3 33	4 35	0 17	14 46	1 51	22 39	0 11	0 26	2 10	22 42	0 0	11 8	0 10	17 17	4 19	14 4	13 57	22 48	7 0	3 8
S 27	19 0	19 12	1 12	19 13	3 21	4 10	0 24	14 58	1 50	22 40	0 11	0 28	2 10	22 42	0 0	11 8	0 10	17 17	4 19	14 4	13 56	22 50	6 59	3 8
M28	18 46	22 50	2 10	19 20	3 9	3 45	0 32	15 10	1 50	22 41	0 11	0 30	2 10	22 42	0 0	11 9	0 10	17 17	4 19	14 4	13 55	22 52	6 59	3 8
T 29	18 32	25 31	3 4	19 28	2 56	3 20	0 40	15 21	1 50	22 41	0 11	0 32	2 10	22 42	0 0	11 9	0 10	17 17	4 19	14 2	13 54	22 54	6 59	3 8
W30	18 18	27 5	3 49	19 35	2 42	2 55	0 48	15 33	1 50	22 42	0 11	0 34	2 9	22 41	0 0	11 10	0 10	17 17	4 19	14 0	13 53	22 56	6 59	3 8
T 31	18n 3	27s22	4s25	19n41	2s29	2n31	0s57	15n44	1s49	22s42	0n11	0s36	2n 9	22s41	0n 0	11s11	0s10	17n16	4s19	13n57	13n52	22s58	6n59	3n 8

Julian Day Number = 2874676.5, Delta T = 01h13m24s
Ecliptic obliquity = 23°17'28, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°57'49, Lahiri = 40°04'50

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ASTRODIENST EPHEMERIS for the year 3158
geocentric

AUGUST 3158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 38 11	9♌20'39	21♑45	18♋38	22♍ 7	20♉ 9	10°R21	6♎38	17°R21	1°R 5	21♋51	7°R23	7♉16	3♐39	10°R23	F 1
S 2	20 42 8	10°17'54	4♒21	19°46	22°48	20°50	10♑15	6°43	17♐19	1♓ 3	21°52	7♉10	7°13	3°46	10♈22	S 2
S 3	20 46 5	11°15'09	17°12	20°58	23°27	21°31	10° 9	6°49	17°18	1° 2	21°54	6°58	7°10	3°53	10°21	S 3
M 4	20 50 1	12°12'25	0♓17	22°15	24° 6	22°12	10° 4	6°54	17°17	1° 0	21°55	6°46	7° 7	3°59	10°20	M 4
T 5	20 53 58	13° 9'41	13°34	23°36	24°43	22°52	9°59	6°59	17°16	0°59	21°57	6°36	7° 4	4° 6	10°18	T 5
W 6	20 57 54	14° 6'57	27° 2	25° 2	25°20	23°32	9°53	7° 5	17°15	0°57	21°58	6°29	7° 0	4°13	10°17	W 6
T 7	21 1 51	15° 4'14	10♈39	26°32	25°55	24°13	9°48	7°10	17°14	0°56	21°59	6°25	6°57	4°19	10°16	T 7
F 8	21 5 47	16° 1'32	24°26	28° 5	26°28	24°53	9°43	7°16	17°13	0°54	22° 1	6°23	6°54	4°26	10°15	F 8
S 9	21 9 44	16°58'50	8♉21	29°43	27° 1	25°33	9°38	7°21	17°12	0°53	22° 2	6°D22	6°51	4°32	10°13	S 9
S 10	21 13 40	17°56'09	22°25	1♌25	27°32	26°12	9°34	7°27	17°12	0°51	22° 3	6°R23	6°48	4°39	10°12	S 10
M11	21 17 37	18°53'29	6♊36	3°10	28° 1	26°52	9°29	7°33	17°11	0°50	22° 5	6°22	6°45	4°46	10°11	M11
T 12	21 21 34	19°50'50	20°53	4°58	28°30	27°32	9°25	7°39	17°10	0°48	22° 6	6°19	6°41	4°52	10° 9	T 12
W13	21 25 30	20°48'12	5♋15	6°50	28°56	28°11	9°21	7°45	17° 9	0°46	22° 7	6°13	6°38	4°59	10° 8	W13
T 14	21 29 27	21°45'34	19°36	8°44	29°21	28°50	9°17	7°50	17° 9	0°45	22° 9	6° 5	6°35	5° 6	10° 6	T 14
F 15	21 33 23	22°42'58	3♌51	10°41	29°44	29°29	9°13	7°56	17° 8	0°43	22°10	5°55	6°32	5°12	10° 4	F 15
S 16	21 37 20	23°40'21	17°56	12°40	0♎ 6	0♊ 8	9° 9	8° 2	17° 8	0°42	22°11	5°44	6°29	5°19	10° 3	S 16
S 17	21 41 16	24°37'46	1♍45	14°41	0°26	0°47	9° 6	8° 9	17° 7	0°40	22°13	5°33	6°26	5°26	10° 1	S 17
M18	21 45 13	25°35'11	15°14	16°44	0°44	1°26	9° 2	8°15	17° 7	0°38	22°14	5°24	6°22	5°32	9°59	M18
T 19	21 49 9	26°32'37	28°21	18°48	1° 0	2° 4	8°59	8°21	17° 6	0°37	22°15	5°16	6°19	5°39	9°58	T 19
W20	21 53 6	27°30'03	11♎ 7	20°52	1°14	2°42	8°56	8°27	17° 6	0°35	22°16	5°12	6°16	5°46	9°56	W20
T 21	21 57 3	28°27'30	23°33	22°58	1°27	3°20	8°54	8°33	17° 6	0°33	22°18	5° 9	6°13	5°52	9°54	T 21
F 22	22 0 59	29°24'58	5♏43	25° 3	1°37	3°58	8°51	8°40	17° 6	0°32	22°19	5°D 8	6°10	5°59	9°52	F 22
S 23	22 4 56	0♍22'26	17°41	27° 8	1°45	4°36	8°48	8°46	17° 5	0°30	22°20	5° 9	6° 6	6° 6	9°50	S 23
S 24	22 8 52	1°19'55	29°32	29°14	1°50	5°13	8°46	8°53	17° 5	0°29	22°21	5°R 9	6° 3	6°12	9°48	S 24
M25	22 12 49	2°17'24	11♐21	1♍18	1°54	5°51	8°44	8°59	17° 5	0°27	22°22	5° 9	6° 0	6°19	9°46	M25
T 26	22 16 45	3°14'54	23°15	3°22	1°R55	6°28	8°42	9° 6	17°D 5	0°25	22°24	5° 7	5°57	6°26	9°44	T 26
W27	22 20 42	4°12'25	5♑17	5°25	1°54	7° 5	8°41	9°12	17° 5	0°24	22°25	5° 2	5°54	6°32	9°42	W27
T 28	22 24 38	5° 9'57	17°32	7°27	1°51	7°42	8°39	9°19	17° 5	0°22	22°26	4°56	5°51	6°39	9°40	T 28
F 29	22 28 35	6° 7'30	0♒ 3	9°28	1°45	8°18	8°38	9°26	17° 6	0°20	22°27	4°48	5°47	6°46	9°38	F 29
S 30	22 32 32	7° 5'03	12°52	11°27	1°37	8°54	8°36	9°32	17° 6	0°19	22°28	4°38	5°44	6°52	9°36	S 30
S 31	22 36 28	8♍ 2'37	25♒59	13♍25	1♎26	9♊31	8♑36	9♎39	17♐ 6	0♓17	22♋29	4♉28	5♉41	6♐59	9♈33	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	17n48	26s18	4s49	19n46	2s15	2n 7	1s 5	15n55	1s49	22s43	0n10	0s38	2n 9	22s41	0n 0	11s11	0s10	17n16	4s19	13n53	13n51	23s 0	6n58	3n 8	F 1
S 2	17 33	23 54	5 0	19 51	2 1	1 43	1 14	16 6	1 49	22 44	0 10	0 41	2 9	22 41	0 0	11 12	0 10	17 16	4 19	13 49	13 50	23 2	6 58	3 8	S 2
S 3	17 18	20 16	4 55	19 54	1 47	1 19	1 23	16 17	1 48	22 44	0 10	0 43	2 9	22 41	0 0	11 12	0 10	17 16	4 19	13 45	13 49	23 4	6 58	3 8	S 3
M 4	17 2	15 36	4 36	19 56	1 33	0 55	1 32	16 28	1 48	22 45	0 10	0 45	2 9	22 41	0 0	11 13	0 10	17 16	4 19	13 41	13 48	23 6	6 57	3 8	M 4
T 5	16 46	10 8	4 1	19 57	1 19	0 32	1 42	16 38	1 47	22 45	0 10	0 47	2 9	22 41	0 0	11 13	0 10	17 15	4 19	13 38	13 47	23 8	6 57	3 8	T 5
W 6	16 30	4 7	3 12	19 56	1 5	0 9	1 51	16 49	1 47	22 46	0 10	0 49	2 8	22 41	0 0	11 14	0 10	17 15	4 19	13 36	13 46	23 10	6 56	3 8	W 6
T 7	16 13	2n10	2 12	19 53	0 51	0s14	2 1	16 59	1 47	22 46	0 10	0 52	2 8	22 41	0 0	11 14	0 10	17 15	4 19	13 34	13 45	23 12	6 56	3 9	T 7
F 8	15 56	8 26	1 3	19 48	0 38	0 37	2 11	17 9	1 46	22 47	0 9	0 54	2 8	22 41	0 0	11 15	0 10	17 15	4 19	13 34	13 44	23 14	6 56	3 9	F 8
S 9	15 39	14 22	0n10	19 41	0 24	0 59	2 21	17 19	1 46	22 47	0 9	0 56	2 8	22 40	0 0	11 15	0 10	17 15	4 19	13 34	13 43	23 16	6 55	3 9	S 9
S 10	15 22	19 37	1 24	19 32	0 11	1 20	2 31	17 29	1 45	22 48	0 9	0 59	2 8	22 40	0 0	11 16	0 10	17 14	4 19	13 34	13 42	23 18	6 55	3 9	S 10
M11	15 4	23 47	2 33	19 21	0n 1	1 42	2 42	17 38	1 45	22 48	0 9	1 1	2 8	22 40	0 0	11 17	0 10	17 14	4 19	13 33	13 41	23 20	6 54	3 9	M11
T 12	14 46	26 31	3 33	19 7	0 13	2 3	2 53	17 47	1 44	22 49	0 9	1 3	2 8	22 40	0 0	11 17	0 10	17 14	4 19	13 33	13 40	23 22	6 54	3 9	T 12
W13	14 28	27 30	4 19	18 51	0 24	2 23	3 4	17 57	1 44	22 49	0 9	1 6	2 8	22 40	0 0	11 18	0 10	17 14	4 19	13 31	13 39	23 24	6 53	3 9	W13
T 14	14 10	26 39	4 49	18 32	0 35	2 43	3 15	18 6	1 43	22 50	0 9	1 8	2 7	22 40	0 0	11 18	0 11	17 14	4 19	13 28	13 38	23 26	6 53	3 9	T 14
F 15	13 52	24 3	5 1	18 11	0 45	3 3	3 26	18 15	1 43	22 50	0 8	1 11	2 7	22 40	0 0	11 19	0 11	17 13	4 19	13 25	13 37	23 28	6 52	3 9	F 15
S 16	13 33	20 2	4 55	17 47	0 55	3 22	3 37	18 23	1 42	22 50	0 8	1 13	2 7	22 40	0 0	11 19	0 11	17 13	4 19	13 21	13 36	23 30	6 51	3 9	S 16
S 17	13 14	15 1	4 31	17 20	1 4	3 41	3 49	18 32	1 42	22 51	0 8	1 16	2 7	22 40	0 0	11 20	0 11	17 13	4 19	13 18	13 35	23 32	6 51	3 9	S 17
M18	12 55	9 22	3 53	16 52	1 11	3 58	4 1	18 40	1 41	22 51	0 8	1 18	2 7	22 40	0 0	11 21	0 11	17 13	4 19	13 14	13 34	23 34	6 50	3 9	M18
T 19	12 35	3 27	3 2	16 20	1 18	4 16	4 13	18 48	1 40	22 52	0 8	1 21	2 7	22 40	0 0	11 21	0 11	17 13	4 19	13 12	13 33	23 36	6 50	3 9	T 19
W20	12 16	2s28	2 4	15 47	1 25	4 32	4 25	18 56	1 40	22 52	0 8	1 23	2 7	22 40	0 0	11 22	0 11	17 12	4 19	13 10	13 32	23 38	6 49	3 9	W20
T 21	11 56	8 8	1 1	15 12	1 30	4 48	4 37	19 4	1 39	22 52	0 8	1 26	2 7	22 40	0 0	11 22	0 11	17 12	4 19	13 10	13 31	23 40	6 48	3 9	T 21
F 22	11 36	13 24	0s 3	14 35	1 35	5 3	4 49	19 12	1 39	22 52	0 7	1 28	2 7	22 40	0 0	11 23	0 11	17 12	4 19	13 9	13 30	23 42	6 47	3 9	F 22
S 23	11 16	18 4	1 6	13 56	1 38	5 18	5 1	19 19	1 38	22 53	0 7	1 31	2 6	22 40	0 0	11 24	0 11	17 12	4 19	13 9	13 28	23 44	6 47	3 10	S 23
S 24	10 56	21 59	2 6	13 15	1 41	5 31	5 13	19 27	1 37	22 53	0 7	1 34	2 6	22 40	0 0	11 24	0 11	17 12	4 19	13 10	13 27	23 46	6 46	3 10	S 24
M25	10 36	24 59	3 1	12 33	1 43	5 44	5 26	19 34	1 36	22 53	0 7	1 36	2 6	22 40	0 0	11 25	0 11	17 11	4 19	13 9	13 26	23 48	6 45	3 10	M25
T 26	10 15	26 55	3 48	11 50	1 44	5 56	5 38	19 41	1 36	22 54	0 7	1 39	2 6	22 40	0 0	11 25	0 11	17 11	4 19	13 9	13 25	23 50	6 45	3 10	T 26
W27	9 54	27 36	4 25	11 6	1 45	6 7	5 50	19 48	1 35	22 54	0 7	1 41	2 6	22 40	0 0	11 26	0 11	17 11	4 19	13 7	13 24	23 51	6 44	3 10	W27
T 28	9 34	26 58	4 51	10 21	1 45	6 16	6 2	19 55	1 34	22 54	0 7	1 44	2 6	22 40	0 0	11 26	0 11	17 11	4 19	13 5	13 23	23 53	6 43	3 10	T 28
F 29	9 13	24 58	5 4	9 35	1 44	6 25	6 14	20 1	1 33	22 54	0 6	1 47	2 6	22 40	0 0	11 27	0 11	17 11	4 19	13 2	13 22	23 55	6 42	3 10	F 29
S 30	8 51	21 40	5 2	8 48	1 42	6 33	6 26	20 7	1 33	22 55	0 6	1 50	2 6	22 40	0 0	11 28	0 11	17 10	4 19	12 59	13 21	23 57	6 41	3 10	S 30
S 31	8n30	17s14	4s44	8n 1	1n40	6s39	6s38	20n14	1s32	22s55	0n 6	1s52	2n 6	22s40	0n 0	11s28	0s11	17n10	4s19	12n56	13n20	23s59	6n40	3n10	S 31

Julian Day Number = 2874707.5, Delta T = 01h13m24s
Ecliptic obliquity = 23°17'29, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°57'54, Lahiri = 40°04'54

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ASTRODIENST EPHEMERIS for the year 3158
geocentric

SEPTEMBER 3158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 40 25	9♍ 0'12	9♓24	15♍22	1°R13	10♊ 6	8°R35	9♎46	17♐ 6	0°R16	22♋30	4°R19	5♉38	7♐ 6	9°R31	M 1
T 2	22 44 21	9°57'49	23° 4	17°18	0♎58	10°42	8♏34	9°53	17° 7	0♓14	22°31	4♉12	5°35	7°12	9♈29	T 2
W 3	22 48 18	10°55'26	6♈56	19°12	0°40	11°18	8°34	9°59	17° 7	0°12	22°32	4° 7	5°32	7°19	9°26	W 3
T 4	22 52 14	11°53'05	20°57	21° 5	0°20	11°53	8°33	10° 6	17° 8	0°11	22°33	4° 4	5°28	7°26	9°24	T 4
F 5	22 56 11	12°50'45	5♉ 4	22°56	29♍58	12°28	8°D33	10°13	17° 8	0° 9	22°34	4°D 3	5°25	7°32	9°22	F 5
S 6	23 0 7	13°48'27	19°14	24°46	29°34	13° 3	8°34	10°20	17° 9	0° 8	22°35	4° 4	5°22	7°39	9°19	S 6
S 7	23 4 4	14°46'10	3♊25	26°34	29° 7	13°37	8°34	10°27	17° 9	0° 6	22°36	4° 5	5°19	7°46	9°17	S 7
M 8	23 8 1	15°43'55	17°35	28°21	28°39	14°12	8°34	10°34	17°10	0° 4	22°37	4°R 5	5°16	7°52	9°15	M 8
T 9	23 11 57	16°41'41	1♋43	0♎ 6	28° 9	14°46	8°35	10°41	17°11	0° 3	22°38	4° 4	5°12	7°59	9°12	T 9
W10	23 15 54	17°39'30	15°46	1°51	27°37	15°20	8°36	10°48	17°11	0° 1	22°39	4° 1	5° 9	8° 6	9°10	W10
T 11	23 19 50	18°37'19	29°44	3°33	27° 4	15°53	8°37	10°56	17°12	29♒59	22°40	3°57	5° 6	8°12	9° 7	T 11
F 12	23 23 47	19°35'11	13♌34	5°15	26°30	16°26	8°38	11° 3	17°13	29°58	22°41	3°50	5° 3	8°19	9° 5	F 12
S 13	23 27 43	20°33'04	27°12	6°55	25°55	16°59	8°40	11°10	17°14	29°57	22°42	3°43	5° 0	8°26	9° 2	S 13
S 14	23 31 40	21°30'58	10♍37	8°34	25°19	17°32	8°41	11°17	17°15	29°55	22°43	3°36	4°57	8°32	8°59	S 14
M15	23 35 36	22°28'54	23°46	10°11	24°42	18° 5	8°43	11°24	17°16	29°54	22°44	3°30	4°53	8°39	8°57	M15
T 16	23 39 33	23°26'51	6♎38	11°47	24° 5	18°37	8°45	11°31	17°17	29°52	22°45	3°25	4°50	8°46	8°54	T 16
W17	23 43 30	24°24'50	19°13	13°22	23°28	19° 9	8°47	11°39	17°18	29°51	22°45	3°22	4°47	8°52	8°52	W17
T 18	23 47 26	25°22'50	1♏32	14°55	22°50	19°40	8°50	11°46	17°19	29°49	22°46	3°D21	4°44	8°59	8°49	T 18
F 19	23 51 23	26°20'51	13°39	16°27	22°14	20°11	8°52	11°53	17°21	29°48	22°47	3°22	4°41	9° 6	8°46	F 19
S 20	23 55 19	27°18'54	25°35	17°58	21°37	20°42	8°55	12° 1	17°22	29°47	22°48	3°23	4°37	9°12	8°44	S 20
S 21	23 59 16	28°16'58	7♐26	19°28	21° 2	21°13	8°58	12° 8	17°23	29°45	22°48	3°25	4°34	9°19	8°41	S 21
M22	0 3 12	29°15'04	19°15	20°56	20°27	21°43	9° 1	12°15	17°25	29°44	22°49	3°26	4°31	9°26	8°38	M22
T 23	0 7 9	0♎13'11	1♑ 9	22°23	19°54	22°13	9° 4	12°23	17°26	29°43	22°50	3°R27	4°28	9°32	8°35	T 23
W24	0 11 5	1°11'19	13°11	23°49	19°22	22°42	9° 8	12°30	17°27	29°41	22°50	3°26	4°25	9°39	8°33	W24
T 25	0 15 2	2° 9'28	25°27	25°13	18°52	23°12	9°11	12°38	17°29	29°40	22°51	3°24	4°22	9°46	8°30	T 25
F 26	0 18 59	3° 7'40	8♒ 1	26°36	18°24	23°40	9°15	12°45	17°30	29°39	22°52	3°20	4°18	9°52	8°27	F 26
S 27	0 22 55	4° 5'52	20°55	27°57	17°57	24° 9	9°19	12°52	17°32	29°37	22°52	3°16	4°15	9°59	8°25	S 27
S 28	0 26 52	5° 4'06	4♓11	29°17	17°33	24°37	9°23	13° 0	17°34	29°36	22°53	3°12	4°12	10° 6	8°22	S 28
M29	0 30 48	6° 2'21	17°50	0♏36	17°10	25° 5	9°27	13° 7	17°35	29°35	22°53	3° 8	4° 9	10°12	8°19	M29
T 30	0 34 45	7♎ 0'38	1♈49	1♏53	16♍50	25♊32	9♑32	13♎15	17♐37	29♒34	22♋54	3♉ 4	4♉ 6	10♐19	8♈16	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n 9	11s52	4s10	7n14	1n38	6s45	6s49	20n20	1s31	22s55	0n 6	1s55	2n 6	22s40	0n 0	11s29	0s11	17n10	4s19	12n53	13n19	24s 1	6n40	3n10
T 2	7 47	5 50	3 22	6 26	1 35	6 49	7 0	20 26	1 30	22 55	0 6	1 58	2 6	22 40	0 0	11 29	0 11	17 10	4 19	12 50	13 18	24 3	6 39	3 10
W 3	7 26	0n35	2 20	5 39	1 31	6 52	7 11	20 31	1 29	22 55	0 6	2 0	2 6	22 40	0 0	11 30	0 11	17 10	4 19	12 49	13 17	24 5	6 38	3 10
T 4	7 4	7 3	1 10	4 51	1 27	6 53	7 22	20 37	1 28	22 55	0 6	2 3	2 6	22 40	0 0	11 30	0 11	17 10	4 19	12 48	13 16	24 6	6 37	3 10
F 5	6 42	13 13	0n 5	4 3	1 22	6 54	7 32	20 42	1 27	22 56	0 6	2 6	2 5	22 40	0 0	11 31	0 11	17 9	4 19	12 48	13 15	24 8	6 36	3 10
S 6	6 20	18 43	1 21	3 15	1 17	6 53	7 41	20 48	1 26	22 56	0 5	2 9	2 5	22 40	0 0	11 32	0 11	17 9	4 19	12 48	13 14	24 10	6 35	3 10
S 7	5 58	23 11	2 31	2 28	1 12	6 51	7 50	20 53	1 25	22 56	0 5	2 11	2 5	22 40	0 0	11 32	0 11	17 9	4 19	12 48	13 13	24 12	6 34	3 10
M 8	5 36	26 15	3 33	1 40	1 6	6 47	7 58	20 58	1 24	22 56	0 5	2 14	2 5	22 41	0 0	11 33	0 11	17 9	4 19	12 48	13 12	24 14	6 33	3 10
T 9	5 13	27 38	4 21	0 53	1 0	6 42	8 6	21 3	1 23	22 56	0 5	2 17	2 5	22 41	0 0	11 33	0 11	17 9	4 19	12 48	13 11	24 16	6 32	3 10
W10	4 51	27 13	4 53	0 6	0 54	6 36	8 13	21 7	1 22	22 56	0 5	2 20	2 5	22 41	0 0	11 34	0 11	17 8	4 19	12 47	13 10	24 17	6 31	3 10
T 11	4 28	25 5	5 8	0s41	0 47	6 29	8 19	21 12	1 21	22 56	0 5	2 23	2 5	22 41	0s 0	11 34	0 11	17 8	4 19	12 45	13 9	24 19	6 30	3 10
F 12	4 6	21 30	5 4	1 27	0 41	6 21	8 25	21 16	1 20	22 56	0 5	2 25	2 5	22 41	0 0	11 35	0 11	17 8	4 19	12 43	13 7	24 21	6 29	3 10
S 13	3 43	16 48	4 43	2 13	0 34	6 11	8 29	21 21	1 19	22 56	0 4	2 28	2 5	22 41	0 0	11 35	0 11	17 8	4 19	12 41	13 6	24 23	6 28	3 10
S 14	3 21	11 21	4 7	2 58	0 26	6 0	8 33	21 25	1 18	22 56	0 4	2 31	2 5	22 41	0 0	11 36	0 11	17 8	4 19	12 38	13 5	24 25	6 27	3 10
M15	2 58	5 30	3 18	3 43	0 19	5 48	8 36	21 29	1 17	22 56	0 4	2 34	2 5	22 41	0 0	11 36	0 11	17 8	4 19	12 36	13 4	24 26	6 26	3 10
T 16	2 35	0s28	2 20	4 27	0 11	5 36	8 38	21 33	1 16	22 56	0 4	2 37	2 5	22 41	0 0	11 37	0 11	17 7	4 19	12 35	13 3	24 28	6 25	3 10
W17	2 12	6 18	1 16	5 11	0 4	5 22	8 39	21 37	1 15	22 56	0 4	2 40	2 5	22 41	0 0	11 38	0 11	17 7	4 19	12 34	13 2	24 30	6 24	3 10
T 18	1 50	11 47	0 10	5 55	0s 4	5 8	8 39	21 40	1 13	22 56	0 4	2 42	2 5	22 42	0 0	11 38	0 11	17 7	4 19	12 33	13 1	24 32	6 23	3 10
F 19	1 27	16 44	0s56	6 37	0 12	4 52	8 38	21 44	1 12	22 56	0 4	2 45	2 5	22 42	0 0	11 39	0 11	17 7	4 19	12 34	13 0	24 33	6 22	3 10
S 20	1 4	20 57	1 58	7 19	0 20	4 37	8 36	21 47	1 11	22 56	0 4	2 48	2 5	22 42	0 0	11 39	0 11	17 7	4 19	12 34	12 59	24 35	6 21	3 10
S 21	0 41	24 18	2 55	8 1	0 28	4 20	8 33	21 51	1 10	22 56	0 3	2 51	2 5	22 42	0 0	11 40	0 11	17 7	4 19	12 35	12 58	24 37	6 20	3 10
M22	0 18	26 36	3 45	8 41	0 37	4 4	8 30	21 54	1 8	22 56	0 3	2 54	2 5	22 42	0 0	11 40	0 11	17 6	4 19	12 35	12 57	24 39	6 19	3 10
T 23	0s 5	27 42	4 25	9 21	0 45	3 47	8 25	21 57	1 7	22 56	0 3	2 57	2 5	22 42	0 0	11 40	0 11	17 6	4 19	12 35	12 56	24 40	6 17	3 9
W24	0 28	27 31	4 54	10 1	0 53	3 30	8 20	22 0	1 6	22 56	0 3	3 0	2 5	22 42	0 0	11 41	0 11	17 6	4 20	12 35	12 55	24 42	6 16	3 9
T 25	0 51	26 0	5 10	10 39	1 1	3 13	8 14	22 3	1 4	22 56	0 3	3 2	2 5	22 43	0 0	11 41	0 11	17 6	4 20	12 34	12 54	24 44	6 15	3 9
F 26	1 14	23 10	5 12	11 17	1 10	2 55	8 7	22 6	1 3	22 55	0 3	3 5	2 5	22 43	0 0	11 42	0 11	17 6	4 20	12 33	12 53	24 46	6 14	3 9
S 27	1 37	19 9	4 58	11 54	1 18	2 38	8 0	22 8	1 1	22 55	0 3	3 8	2 5	22 43	0 0	11 42	0 11	17 6	4 20	12 32	12 52	24 47	6 13	3 9
S 28	2 0	14 5	4 29	12 30	1 26	2 22	7 52	22 11	1 0	22 55	0 3	3 11	2 5	22 43	0 0	11 43	0 11	17 6	4 20	12 30	12 51	24 49	6 12	3 9
M29	2 23	8 12	3 43	13 5	1 35	2 5	7 43	22 14	0 59	22 55	0 3	3 14	2 5	22 43	0 0	11 43	0 11	17 6	4 20	12 29	12 49	24 51	6 11	3 9
T 30	2s46	1s47	2s43	13s40	1s43	1s49	7s34	22n16	0s57	22s55	0n 2	3s17	2n 5	22s43	0s 0	11s44	0s11	17n 5	4s20	12n28	12n48	24s52	6n10	3n 9

Julian Day Number = 2874738.5, Delta T = 01h13m25s
Ecliptic obliquity = 23°17'30, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°57'58, Lahiri = 40°04'58

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ASTRODIENST EPHEMERIS for the year 3158
geocentric

OCTOBER 3158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 38 41	7♎58'57	16♈ 5	3♏ 8	16°R32	25♊59	9♑37	13♎22	17♐39	29°R32	22♋55	3°R 2	4♉ 3	10♐26	8°R14	W 1
T 2	0 42 38	8°57'18	0♉33	4°22	16♍17	26°26	9°41	13°30	17°41	29♒31	22°55	3°D 2	3°59	10°32	8♈11	T 2
F 3	0 46 34	9°55'40	15° 6	5°34	16° 4	26°52	9°46	13°37	17°43	29°30	22°55	3♉ 2	3°56	10°39	8° 8	F 3
S 4	0 50 31	10°54'05	29°39	6°44	15°53	27°18	9°51	13°45	17°45	29°29	22°56	3° 3	3°53	10°46	8° 5	S 4
S 5	0 54 27	11°52'31	14♊ 8	7°53	15°45	27°43	9°57	13°52	17°47	29°28	22°56	3° 4	3°50	10°52	8° 3	S 5
M 6	0 58 24	12°51'00	28°29	8°59	15°39	28° 8	10° 2	14° 0	17°49	29°27	22°57	3° 5	3°47	10°59	8° 0	M 6
T 7	1 2 21	13°49'31	12♋38	10° 3	15°36	28°32	10° 8	14° 7	17°51	29°26	22°57	3°R 6	3°43	11° 6	7°57	T 7
W 8	1 6 17	14°48'04	26°34	11° 5	15°D35	28°56	10°14	14°15	17°53	29°25	22°58	3° 6	3°40	11°13	7°54	W 8
T 9	1 10 14	15°46'40	10♌17	12° 4	15°37	29°20	10°19	14°22	17°55	29°24	22°58	3° 4	3°37	11°19	7°52	T 9
F 10	1 14 10	16°45'17	23°45	13° 1	15°41	29°43	10°26	14°30	17°57	29°23	22°58	3° 3	3°34	11°26	7°49	F 10
S 11	1 18 7	17°43'56	7♍ 0	13°55	15°47	0♋ 5	10°32	14°37	18° 0	29°22	22°59	3° 0	3°31	11°33	7°46	S 11
S 12	1 22 3	18°42'38	20° 0	14°46	15°55	0°27	10°38	14°45	18° 2	29°21	22°59	2°58	3°28	11°39	7°44	S 12
M13	1 26 0	19°41'21	2♎46	15°34	16° 6	0°48	10°45	14°52	18° 4	29°20	22°59	2°57	3°24	11°46	7°41	M13
T 14	1 29 56	20°40'06	15°20	16°18	16°18	1° 9	10°51	15° 0	18° 7	29°19	22°59	2°55	3°21	11°53	7°38	T 14
W15	1 33 53	21°38'54	27°40	16°58	16°33	1°30	10°58	15° 7	18° 9	29°18	22°59	2°D55	3°18	11°59	7°36	W15
T 16	1 37 50	22°37'43	9♏50	17°34	16°50	1°50	11° 5	15°15	18°11	29°17	23° 0	2°55	3°15	12° 6	7°33	T 16
F 17	1 41 46	23°36'34	21°51	18° 5	17° 8	2° 9	11°12	15°22	18°14	29°17	23° 0	2°55	3°12	12°13	7°30	F 17
S 18	1 45 43	24°35'27	3♐44	18°32	17°29	2°27	11°20	15°30	18°16	29°16	23° 0	2°56	3° 9	12°19	7°28	S 18
S 19	1 49 39	25°34'22	15°33	18°53	17°51	2°46	11°27	15°37	18°19	29°15	23° 0	2°57	3° 5	12°26	7°25	S 19
M20	1 53 36	26°33'19	27°22	19° 9	18°15	3° 3	11°35	15°44	18°22	29°14	23° 0	2°58	3° 2	12°33	7°23	M20
T 21	1 57 32	27°32'17	9♑15	19°18	18°41	3°20	11°42	15°52	18°24	29°14	23° 0	2°58	2°59	12°39	7°20	T 21
W22	2 1 29	28°31'17	21°16	19°R21	19° 9	3°36	11°50	15°59	18°27	29°13	23° 0	2°58	2°56	12°46	7°17	W22
T 23	2 5 25	29°30'19	3♒29	19°17	19°38	3°52	11°58	16° 7	18°30	29°12	23° 0	2°R58	2°53	12°53	7°15	T 23
F 24	2 9 22	0♏29'22	15°59	19° 5	20° 8	4° 7	12° 6	16°14	18°32	29°12	23°R 0	2°58	2°49	12°59	7°13	F 24
S 25	2 13 19	1°28'27	28°51	18°45	20°40	4°21	12°14	16°21	18°35	29°11	23° 0	2°58	2°46	13° 6	7°10	S 25
S 26	2 17 15	2°27'34	12♓ 7	18°18	21°14	4°35	12°23	16°29	18°38	29°11	23° 0	2°58	2°43	13°13	7° 8	S 26
M27	2 21 12	3°26'43	25°48	17°42	21°49	4°48	12°31	16°36	18°41	29°10	23° 0	2°D58	2°40	13°19	7° 5	M27
T 28	2 25 8	4°25'53	9♈55	16°59	22°25	5° 0	12°40	16°43	18°44	29°10	23° 0	2°58	2°37	13°26	7° 3	T 28
W29	2 29 5	5°25'05	24°25	16° 8	23° 2	5°11	12°49	16°51	18°47	29° 9	23° 0	2°58	2°34	13°33	7° 1	W29
T 30	2 33 1	6°24'19	9♉12	15°10	23°41	5°22	12°57	16°58	18°50	29° 9	23° 0	2°R58	2°30	13°39	6°58	T 30
F 31	2 36 58	7♏23'36	24♉ 9	14♏ 6	24♍21	5♋32	13♑ 6	17♎ 5	18♐53	29♒ 9	23♋ 0	2♉58	2♉27	13♐46	6♈56	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
W 1	3s 9	4n53	1s32	14s13	1s51	1s33	7s25	22n18	0s56	22s54	0n 2	3s20	2n 5	22s44	0s 0	11s44	0s11	17n 5	4s20	12n27	12n47	24s54	6n 8	3n 9
T 2	3 32	11 23	0 14	14 46	1 59	1 18	7 14	22 21	0 54	22 54	0 2	3 23	2 5	22 44	0 0	11 44	0 11	17 5	4 20	12 27	12 46	24 56	6 7	3 9
F 3	3 55	17 19	1n 6	15 17	2 7	1 4	7 4	22 23	0 52	22 54	0 2	3 25	2 5	22 44	0 0	11 45	0 11	17 5	4 20	12 27	12 45	24 57	6 6	3 9
S 4	4 17	22 15	2 22	15 48	2 15	0 50	6 53	22 25	0 51	22 54	0 2	3 28	2 5	22 44	0 0	11 45	0 11	17 5	4 20	12 27	12 44	24 59	6 5	3 9
S 5	4 40	25 47	3 28	16 18	2 22	0 36	6 42	22 27	0 49	22 53	0 2	3 31	2 5	22 44	0 0	11 46	0 11	17 5	4 20	12 28	12 43	25 1	6 4	3 9
M 6	5 3	27 37	4 20	16 46	2 30	0 24	6 31	22 29	0 47	22 53	0 2	3 34	2 5	22 44	0 0	11 46	0 11	17 5	4 20	12 28	12 42	25 2	6 3	3 9
T 7	5 25	27 36	4 56	17 13	2 37	0 12	6 20	22 31	0 46	22 53	0 2	3 37	2 5	22 45	0 0	11 46	0 11	17 5	4 20	12 28	12 41	25 4	6 1	3 8
W 8	5 48	25 50	5 14	17 39	2 44	0 1	6 8	22 33	0 44	22 53	0 1	3 40	2 5	22 45	0 0	11 47	0 11	17 4	4 20	12 28	12 40	25 6	6 0	3 8
T 9	6 10	22 35	5 13	18 4	2 51	0n 9	5 57	22 35	0 42	22 52	0 1	3 43	2 5	22 45	0 0	11 47	0 11	17 4	4 20	12 28	12 39	25 7	5 59	3 8
F 10	6 33	18 10	4 55	18 28	2 57	0 18	5 45	22 37	0 40	22 52	0 1	3 45	2 5	22 45	0 0	11 47	0 11	17 4	4 20	12 27	12 38	25 9	5 58	3 8
S 11	6 55	12 57	4 22	18 50	3 3	0 27	5 33	22 39	0 39	22 51	0 1	3 48	2 5	22 45	0 0	11 48	0 11	17 4	4 20	12 26	12 37	25 10	5 57	3 8
S 12	7 17	7 15	3 36	19 11	3 9	0 35	5 21	22 41	0 37	22 51	0 1	3 51	2 5	22 46	0 0	11 48	0 11	17 4	4 20	12 26	12 36	25 12	5 56	3 8
M13	7 39	1 20	2 39	19 30	3 14	0 41	5 10	22 42	0 35	22 51	0 1	3 54	2 5	22 46	0 0	11 48	0 11	17 4	4 20	12 25	12 34	25 14	5 55	3 8
T 14	8 1	4s31	1 36	19 47	3 19	0 48	4 58	22 44	0 33	22 50	0 1	3 57	2 5	22 46	0 0	11 49	0 11	17 4	4 20	12 25	12 33	25 15	5 53	3 8
W15	8 23	10 8	0 29	20 3	3 24	0 53	4 46	22 46	0 31	22 50	0 1	4 0	2 5	22 46	0 0	11 49	0 11	17 4	4 20	12 24	12 32	25 17	5 52	3 8
T 16	8 45	15 17	0s38	20 17	3 28	0 57	4 34	22 48	0 29	22 49	0 1	4 2	2 5	22 47	0 0	11 49	0 11	17 4	4 21	12 24	12 31	25 18	5 51	3 8
F 17	9 7	19 46	1 43	20 29	3 31	1 1	4 23	22 49	0 27	22 49	0 1	4 5	2 5	22 47	0 0	11 50	0 11	17 4	4 21	12 25	12 30	25 20	5 50	3 7
S 18	9 28	23 26	2 43	20 39	3 33	1 3	4 11	22 51	0 25	22 48	0 0	4 8	2 5	22 47	0 0	11 50	0 11	17 4	4 21	12 25	12 29	25 22	5 49	3 7
S 19	9 50	26 5	3 35	20 47	3 35	1 5	4 0	22 53	0 23	22 48	0 0	4 11	2 5	22 47	0 0	11 50	0 11	17 4	4 21	12 25	12 28	25 23	5 48	3 7
M20	10 11	27 34	4 18	20 52	3 36	1 6	3 49	22 55	0 21	22 47	0 0	4 13	2 6	22 47	0 0	11 50	0 11	17 3	4 21	12 25	12 27	25 25	5 46	3 7
T 21	10 32	27 48	4 51	20 54	3 36	1 7	3 37	22 56	0 19	22 47	0 0	4 16	2 6	22 48	0 0	11 51	0 11	17 3	4 21	12 26	12 26	25 26	5 45	3 7
W22	10 53	26 44	5 11	20 53	3 34	1 6	3 26	22 58	0 16	22 46	0s 0	4 19	2 6	22 48	0 0	11 51	0 11	17 3	4 21	12 26	12 25	25 28	5 44	3 7
T 23	11 14	24 24	5 17	20 50	3 32	1 5	3 16	23 0	0 14	22 46	0 0	4 22	2 6	22 48	0 0	11 51	0 11	17 3	4 21	12 26	12 24	25 29	5 43	3 7
F 24	11 34	20 52	5 9	20 43	3 28	1 3	3 5	23 2	0 12	22 45	0 0	4 24	2 6	22 48	0 0	11 51	0 11	17 3	4 21	12 26	12 23	25 31	5 42	3 6
S 25	11 55	16 16	4 46	20 32	3 22	1 0	2 54	23 4	0 10	22 44	0 0	4 27	2 6	22 49	0 0	11 52	0 11	17 3	4 21	12 26	12 22	25 32	5 41	3 6
S 26	12 15	10 47	4 7	20 18	3 15	0 57	2 44	23 5	0 7	22 44	0 0	4 30	2 6	22 49	0 0	11 52	0 11	17 3	4 21	12 26	12 20	25 34	5 40	3 6
M27	12 35	4 36	3 12	20 0	3 7	0 52	2 34	23 7	0 5	22 43	0 1	4 33	2 6	22 49	0 0	11 52	0 11	17 3	4 21	12 26	12 19	25 35	5 39	3 6
T 28	12 55	2n 0	2 5	19 37	2 57	0 48	2 23	23 9	0 3	22 42	0 1	4 35	2 6	22 49	0 0	11 52	0 11	17 3	4 21	12 26	12 18	25 37	5 38	3 6
W29	13 15	8 40	0 47	19 11	2 44	0 42	2 14	23 11	0 0	22 41	0 1	4 38	2 6	22 50	0 0	11 52	0 11	17 3	4 21	12 26	12 17	25 38	5 37	3 6
T 30	13 34	15 1	0n35	18 41	2 30	0 36	2 4	23 13	0n 2	22 41	0 1	4 41	2 6	22 50	0 0	11 52	0 11	17 3	4 21	12 26	12 16	25 40	5 36	3 5
F 31	13s54	20n33	1n55	18s 7	2s15	0n29	1s54	23n16	0n 5	22s40	0s 1	4s43	2n 6	22s50	0s 0	11s52	0s11	17n 3	4s21	12n26	12n15	25s41	5n35	3n 5

Julian Day Number = 2874768.5, Delta T = 01h13m26s
Ecliptic obliquity = 23°17'30, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°58'02, Lahiri = 40°05'02

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ASTRODIENST EPHEMERIS for the year 3158
geocentric

NOVEMBER 3158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 40 54	8♏22'54	9♊ 9	12°R57	25♍ 2	5♋42	13♑15	17♎12	18♐56	29°R 8	22°R59	2°R58	2♉24	13♐53	6°R54	S 1
S 2	2 44 51	9°22'15	24° 2	11♏46	25°45	5°50	13°25	17°19	18°59	29♒ 8	22♋59	2♉57	2°21	13°59	6♈52	S 2
M 3	2 48 48	10°21'37	8♋42	10°32	26°28	5°58	13°34	17°26	19° 2	29° 8	22°59	2°56	2°18	14° 6	6°49	M 3
T 4	2 52 44	11°21'02	23° 4	9°20	27°12	6° 5	13°43	17°34	19° 5	29° 8	22°59	2°56	2°15	14°13	6°47	T 4
W 5	2 56 41	12°20'30	7♌ 4	8°11	27°57	6°11	13°53	17°41	19° 8	29° 7	22°59	2°D55	2°11	14°19	6°45	W 5
T 6	3 0 37	13°19'59	20°43	7° 7	28°44	6°17	14° 3	17°48	19°11	29° 7	22°58	2°55	2° 8	14°26	6°43	T 6
F 7	3 4 34	14°19'31	4♍ 0	6° 9	29°31	6°21	14°13	17°55	19°14	29° 7	22°58	2°56	2° 5	14°33	6°41	F 7
S 8	3 8 30	15°19'05	16°58	5°20	0♎19	6°25	14°22	18° 2	19°18	29° 7	22°58	2°57	2° 2	14°40	6°39	S 8
S 9	3 12 27	16°18'41	29°40	4°41	1° 8	6°28	14°32	18° 9	19°21	29° 7	22°57	2°58	1°59	14°46	6°37	S 9
M10	3 16 23	17°18'19	12♎ 8	4°13	1°58	6°30	14°43	18°15	19°24	29° 7	22°57	2°59	1°55	14°53	6°35	M10
T 11	3 20 20	18°17'59	24°24	3°55	2°48	6°31	14°53	18°22	19°27	29°D 7	22°56	3° 0	1°52	15° 0	6°33	T 11
W12	3 24 17	19°17'42	6♏31	3°D50	3°40	6°R31	15° 3	18°29	19°31	29° 7	22°56	3°R 0	1°49	15° 6	6°31	W12
T 13	3 28 13	20°17'26	18°30	3°55	4°32	6°31	15°14	18°36	19°34	29° 7	22°56	2°59	1°46	15°13	6°30	T 13
F 14	3 32 10	21°17'13	0♐24	4°11	5°24	6°29	15°24	18°43	19°37	29° 7	22°55	2°58	1°43	15°20	6°28	F 14
S 15	3 36 6	22°17'01	12°15	4°37	6°18	6°27	15°35	18°49	19°41	29° 7	22°55	2°55	1°40	15°26	6°26	S 15
S 16	3 40 3	23°16'51	24° 4	5°13	7°12	6°24	15°45	18°56	19°44	29° 7	22°54	2°52	1°36	15°33	6°25	S 16
M17	3 43 59	24°16'43	5♑54	5°57	8° 7	6°19	15°56	19° 3	19°48	29° 7	22°54	2°48	1°33	15°40	6°23	M17
T 18	3 47 56	25°16'37	17°47	6°49	9° 2	6°14	16° 7	19° 9	19°51	29° 8	22°53	2°45	1°30	15°46	6°21	T 18
W19	3 51 52	26°16'32	29°48	7°48	9°58	6° 8	16°18	19°16	19°55	29° 8	22°52	2°42	1°27	15°53	6°20	W19
T 20	3 55 49	27°16'29	11♒59	8°53	10°54	6° 1	16°29	19°22	19°58	29° 8	22°52	2°39	1°24	16° 0	6°18	T 20
F 21	3 59 46	28°16'28	24°25	10° 3	11°51	5°54	16°40	19°29	20° 2	29° 9	22°51	2°D38	1°21	16° 6	6°17	F 21
S 22	4 3 42	29°16'28	7♓10	11°17	12°49	5°45	16°52	19°35	20° 5	29° 9	22°51	2°39	1°17	16°13	6°16	S 22
S 23	4 7 39	0♐16'29	20°17	12°36	13°47	5°36	17° 3	19°41	20° 9	29° 9	22°50	2°40	1°14	16°20	6°14	S 23
M24	4 11 35	1°16'32	3♈51	13°57	14°46	5°25	17°15	19°48	20°12	29°10	22°49	2°41	1°11	16°26	6°13	M24
T 25	4 15 32	2°16'36	17°52	15°22	15°45	5°14	17°26	19°54	20°16	29°10	22°49	2°43	1° 8	16°33	6°12	T 25
W26	4 19 28	3°16'43	2♉20	16°49	16°44	5° 2	17°38	20° 0	20°19	29°11	22°48	2°R43	1° 5	16°40	6°11	W26
T 27	4 23 25	4°16'50	17°12	18°17	17°44	4°49	17°49	20° 6	20°23	29°11	22°47	2°43	1° 1	16°46	6° 9	T 27
F 28	4 27 21	5°17'00	2♊21	19°48	18°45	4°36	18° 1	20°12	20°27	29°12	22°46	2°40	0°58	16°53	6° 8	F 28
S 29	4 31 18	6°17'11	17°37	21°19	19°46	4°21	18°13	20°18	20°30	29°13	22°46	2°37	0°55	17° 0	6° 7	S 29
S 30	4 35 15	7♐17'24	2♋51	22♏52	20♎47	4♋ 6	18♑25	20♎24	20♐34	29♒13	22♋45	2♉32	0♉52	17♐ 7	6♈ 6	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s13	24n47	3n 8	17s30	1s58	0n21	1s45	23n18	0n 8	22s39	0s 1	4s46	2n 7	22s50	0s 0	11s53	0s11	17n 3	4s21	12n25	12n14	25s43	5n33	3n 5
S 2	14 32	27 16	4 7	16 50	1 39	0 13	1 36	23 20	0 10	22 38	0 1	4 48	2 7	22 51	0 1	11 53	0 11	17 3	4 21	12 25	12 13	25 44	5 32	3 5
M 3	14 50	27 49	4 49	16 9	1 19	0 4	1 26	23 22	0 13	22 37	0 1	4 51	2 7	22 51	0 1	11 53	0 11	17 3	4 21	12 25	12 12	25 46	5 31	3 5
T 4	15 9	26 28	5 12	15 27	0 59	0s 5	1 18	23 25	0 15	22 37	0 1	4 54	2 7	22 51	0 1	11 53	0 11	17 3	4 21	12 25	12 11	25 47	5 30	3 5
W 5	15 27	23 29	5 16	14 45	0 38	0 15	1 9	23 27	0 18	22 36	0 1	4 56	2 7	22 52	0 1	11 53	0 11	17 3	4 21	12 25	12 10	25 49	5 29	3 4
T 6	15 45	19 16	5 2	14 5	0 18	0 25	1 0	23 30	0 21	22 35	0 1	4 59	2 7	22 52	0 1	11 53	0 11	17 3	4 21	12 25	12 9	25 50	5 28	3 4
F 7	16 2	14 12	4 32	13 27	0n 2	0 36	0 52	23 32	0 24	22 34	0 2	5 1	2 7	22 52	0 1	11 53	0 11	17 3	4 22	12 25	12 7	25 52	5 28	3 4
S 8	16 20	8 37	3 48	12 53	0 22	0 48	0 44	23 35	0 27	22 33	0 2	5 4	2 7	22 52	0 1	11 53	0 11	17 3	4 22	12 25	12 6	25 53	5 27	3 4
S 9	16 37	2 48	2 54	12 23	0 40	1 0	0 36	23 37	0 29	22 32	0 2	5 6	2 7	22 53	0 1	11 53	0 11	17 3	4 22	12 25	12 5	25 54	5 26	3 4
M10	16 54	3s 2	1 53	11 58	0 56	1 12	0 28	23 40	0 32	22 31	0 2	5 9	2 8	22 53	0 1	11 53	0 11	17 3	4 22	12 26	12 4	25 56	5 25	3 4
T 11	17 10	8 40	0 47	11 38	1 11	1 25	0 21	23 43	0 35	22 30	0 2	5 11	2 8	22 53	0 1	11 53	0 11	17 3	4 22	12 26	12 3	25 57	5 24	3 3
W12	17 27	13 55	0s19	11 23	1 25	1 39	0 13	23 46	0 38	22 29	0 2	5 14	2 8	22 53	0 1	11 53	0 11	17 3	4 22	12 26	12 2	25 59	5 23	3 3
T 13	17 43	18 35	1 25	11 14	1 36	1 53	0 6	23 49	0 41	22 28	0 2	5 16	2 8	22 54	0 1	11 53	0 11	17 3	4 22	12 26	12 1	26 0	5 22	3 3
F 14	17 58	22 29	2 26	11 10	1 46	2 7	0n 1	23 52	0 44	22 27	0 2	5 19	2 8	22 54	0 1	11 53	0 11	17 3	4 22	12 25	12 0	26 1	5 21	3 3
S 15	18 14	25 25	3 20	11 11	1 54	2 22	0 8	23 55	0 47	22 26	0 2	5 21	2 8	22 54	0 1	11 53	0 11	17 3	4 22	12 25	11 59	26 3	5 20	3 3
S 16	18 29	27 15	4 5	11 17	2 1	2 37	0 15	23 59	0 50	22 24	0 2	5 23	2 8	22 54	0 1	11 53	0 11	17 3	4 22	12 23	11 58	26 4	5 19	3 2
M17	18 43	27 50	4 41	11 27	2 6	2 52	0 21	24 2	0 54	22 23	0 3	5 26	2 9	22 55	0 1	11 53	0 11	17 3	4 22	12 22	11 56	26 5	5 19	3 2
T 18	18 58	27 8	5 4	11 40	2 9	3 8	0 28	24 5	0 57	22 22	0 3	5 28	2 9	22 55	0 1	11 53	0 11	17 3	4 22	12 21	11 55	26 7	5 18	3 2
W19	19 12	25 11	5 14	11 57	2 11	3 24	0 34	24 9	1 0	22 21	0 3	5 30	2 9	22 55	0 1	11 53	0 11	17 3	4 22	12 20	11 54	26 8	5 17	3 2
T 20	19 26	22 3	5 10	12 17	2 12	3 41	0 40	24 12	1 3	22 20	0 3	5 33	2 9	22 56	0 1	11 53	0 11	17 3	4 22	12 19	11 53	26 9	5 16	3 2
F 21	19 39	17 53	4 52	12 39	2 12	3 58	0 46	24 16	1 6	22 18	0 3	5 35	2 9	22 56	0 1	11 53	0 11	17 4	4 22	12 19	11 52	26 11	5 15	3 1
S 22	19 52	12 50	4 19	13 3	2 11	4 15	0 51	24 20	1 10	22 17	0 3	5 37	2 9	22 56	0 1	11 52	0 11	17 4	4 22	12 19	11 51	26 12	5 15	3 1
S 23	20 5	7 5	3 32	13 28	2 9	4 32	0 57	24 23	1 13	22 16	0 3	5 39	2 10	22 56	0 1	11 52	0 11	17 4	4 22	12 19	11 50	26 13	5 14	3 1
M24	20 17	0 48	2 32	13 55	2 6	4 49	1 2	24 27	1 16	22 14	0 3	5 41	2 10	22 57	0 1	11 52	0 11	17 4	4 22	12 20	11 49	26 15	5 13	3 1
T 25	20 29	5n44	1 21	14 23	2 3	5 7	1 7	24 31	1 19	22 13	0 3	5 44	2 10	22 57	0 1	11 52	0 11	17 4	4 22	12 20	11 48	26 16	5 13	3 0
W26	20 41	12 11	0 2	14 51	1 59	5 25	1 12	24 35	1 23	22 12	0 3	5 46	2 10	22 57	0 1	11 52	0 11	17 4	4 22	12 21	11 47	26 17	5 12	3 0
T 27	20 52	18 7	1n18	15 20	1 55	5 44	1 17	24 38	1 26	22 10	0 3	5 48	2 10	22 57	0 1	11 52	0 11	17 4	4 22	12 20	11 46	26 19	5 11	3 0
F 28	21 3	23 2	2 35	15 49	1 50	6 2	1 22	24 42	1 29	22 9	0 3	5 50	2 10	22 58	0 1	11 51	0 11	17 4	4 22	12 20	11 44	26 20	5 11	3 0
S 29	21 13	26 23	3 41	16 18	1 44	6 21	1 26	24 46	1 33	22 7	0 4	5 52	2 11	22 58	0 1	11 51	0 11	17 4	4 22	12 18	11 43	26 21	5 10	3 0
S 30	21s24	27n46	4n31	16s47	1n38	6s40	1n31	24n50	1n36	22s 6	0s 4	5s54	2n11	22s58	0s 1	11s51	0s11	17n 4	4s22	12n17	11n42	26s22	5n 9	2n59

Julian Day Number = 2874799.5, Delta T = 01h13m26s
Ecliptic obliquity = 23°17'29, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°58'06, Lahiri = 40°05'07

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3158
geocentric

DECEMBER 3158 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 39 11	8♐17'39	17♋51	24♏25	21♎49	3°R50	18♑37	20♎30	20♐38	29♒14	22°R44	2°R26	0♉49	17♐13	6°R 5	M 1
T 2	4 43 8	9°17'55	2♌31	25°59	22°51	3♋33	18°49	20°36	20°41	29°15	22♋43	2♉21	0°46	17°20	6♈ 4	T 2
W 3	4 47 4	10°18'14	16°44	27°34	23°53	3°16	19° 1	20°41	20°45	29°15	22°42	2°17	0°42	17°27	6° 4	W 3
T 4	4 51 1	11°18'34	0♍29	29° 9	24°56	2°58	19°13	20°47	20°49	29°16	22°42	2°15	0°39	17°33	6° 3	T 4
F 5	4 54 57	12°18'57	13°47	0♐44	25°59	2°39	19°26	20°53	20°52	29°17	22°41	2°D15	0°36	17°40	6° 2	F 5
S 6	4 58 54	13°19'21	26°40	2°19	27° 3	2°20	19°38	20°58	20°56	29°18	22°40	2°15	0°33	17°47	6° 2	S 6
S 7	5 2 51	14°19'46	9♎13	3°54	28° 7	2° 0	19°50	21° 4	21° 0	29°19	22°39	2°17	0°30	17°53	6° 1	S 7
M 8	5 6 47	15°20'14	21°29	5°30	29°11	1°40	20° 3	21° 9	21° 3	29°20	22°38	2°18	0°27	18° 0	6° 0	M 8
T 9	5 10 44	16°20'44	3♏34	7° 5	0♏15	1°19	20°15	21°14	21° 7	29°20	22°37	2°R19	0°23	18° 7	6° 0	T 9
W10	5 14 40	17°21'15	15°31	8°40	1°20	0°58	20°28	21°20	21°11	29°21	22°36	2°18	0°20	18°13	5°59	W10
T 11	5 18 37	18°21'48	27°23	10°16	2°25	0°37	20°41	21°25	21°14	29°22	22°35	2°15	0°17	18°20	5°59	T 11
F 12	5 22 33	19°22'22	9♐12	11°51	3°31	0°15	20°53	21°30	21°18	29°23	22°34	2° 9	0°14	18°27	5°59	F 12
S 13	5 26 30	20°22'58	21° 2	13°26	4°36	29♊53	21° 6	21°35	21°22	29°24	22°33	2° 1	0°11	18°33	5°58	S 13
S 14	5 30 26	21°23'35	2♑53	15° 1	5°42	29°30	21°19	21°40	21°26	29°26	22°32	1°52	0° 7	18°40	5°58	S 14
M15	5 34 23	22°24'14	14°47	16°36	6°48	29° 8	21°32	21°45	21°29	29°27	22°31	1°42	0° 4	18°47	5°58	M15
T 16	5 38 20	23°24'54	26°46	18°11	7°55	28°45	21°45	21°50	21°33	29°28	22°30	1°31	0° 1	18°54	5°58	T 16
W17	5 42 16	24°25'35	8♒52	19°45	9° 1	28°22	21°58	21°55	21°37	29°29	22°29	1°22	29♈58	19° 0	5°D58	W17
T 18	5 46 13	25°26'17	21° 7	21°20	10° 8	27°59	22°11	21°59	21°40	29°30	22°28	1°15	29°55	19° 7	5°58	T 18
F 19	5 50 9	26°27'00	3♓33	22°55	11°15	27°37	22°24	22° 4	21°44	29°32	22°27	1° 9	29°52	19°14	5°58	F 19
S 20	5 54 6	27°27'44	16°14	24°29	12°23	27°14	22°37	22° 8	21°48	29°33	22°26	1° 7	29°48	19°20	5°58	S 20
S 21	5 58 2	28°28'28	29°15	26° 3	13°30	26°51	22°50	22°13	21°52	29°34	22°25	1°D 6	29°45	19°27	5°58	S 21
M22	6 1 59	29°29'14	12♈37	27°37	14°38	26°29	23° 3	22°17	21°55	29°35	22°24	1° 7	29°42	19°34	5°58	M22
T 23	6 5 55	0♑30'01	26°25	29°12	15°46	26° 7	23°17	22°21	21°59	29°37	22°23	1°R 7	29°39	19°40	5°59	T 23
W24	6 9 52	1°30'48	10♉39	0♑46	16°54	25°45	23°30	22°25	22° 3	29°38	22°21	1° 7	29°36	19°47	5°59	W24
T 25	6 13 49	2°31'37	25°19	2°20	18° 2	25°24	23°43	22°30	22° 6	29°40	22°20	1° 5	29°33	19°54	6° 0	T 25
F 26	6 17 45	3°32'26	10♊20	3°54	19°11	25° 3	23°57	22°33	22°10	29°41	22°19	1° 0	29°29	20° 0	6° 0	F 26
S 27	6 21 42	4°33'16	25°35	5°28	20°20	24°42	24°10	22°37	22°14	29°42	22°18	0°52	29°26	20° 7	6° 0	S 27
S 28	6 25 38	5°34'07	10♋53	7° 3	21°28	24°22	24°24	22°41	22°17	29°44	22°17	0°43	29°23	20°14	6° 1	S 28
M29	6 29 35	6°34'59	26° 3	8°37	22°37	24° 3	24°37	22°45	22°21	29°46	22°16	0°33	29°20	20°21	6° 2	M29
T 30	6 33 31	7°35'52	10♌55	10°11	23°47	23°43	24°51	22°49	22°25	29°47	22°15	0°23	29°17	20°27	6° 2	T 30
W31	6 37 28	8♑36'46	25♌21	11♑46	24♏56	23♊25	25♑ 4	22♎52	22♐28	29♒49	22♋13	0♉14	29♈13	20♐34	6♈ 3	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	21s33	27n 5	5n 1	17s16	1n32	6s59	1n35	24n53	1n39	22s 4	0s 4	5s56	2n11	22s59	0s 1	11s51	0s11	17n 4	4s22	12n15	11n41	26s24	5n 9	2n59	
T 2	21 42	24 31	5 11	17 44	1 26	7 18	1 39	24 57	1 43	22 3	0 4	5 58	2 11	22 59	0 1	11 51	0 11	17 5	4 22	12 13	11 40	26 25	5 8	2 59	
W 3	21 51	20 31	5 1	18 12	1 20	7 37	1 43	25 1	1 46	22 1	0 4	6 0	2 11	22 59	0 1	11 50	0 11	17 5	4 22	12 12	11 39	26 26	5 8	2 59	
T 4	22 0	15 31	4 34	18 39	1 13	7 56	1 47	25 4	1 49	21 59	0 4	6 2	2 12	22 59	0 1	11 50	0 11	17 5	4 22	12 11	11 38	26 27	5 7	2 58	
F 5	22 8	9 56	3 53	19 6	1 6	8 16	1 50	25 8	1 52	21 58	0 4	6 4	2 12	23 0	0 1	11 50	0 11	17 5	4 22	12 11	11 37	26 29	5 7	2 58	
S 6	22 15	4 6	3 1	19 32	0 59	8 36	1 53	25 12	1 55	21 56	0 4	6 6	2 12	23 0	0 1	11 49	0 11	17 5	4 22	12 11	11 36	26 30	5 6	2 58	
S 7	22 23	1s45	2 2	19 56	0 52	8 55	1 57	25 15	1 59	21 54	0 4	6 8	2 12	23 0	0 1	11 49	0 11	17 5	4 22	12 11	11 35	26 31	5 6	2 58	
M 8	22 29	7 26	0 58	20 21	0 45	9 15	2 0	25 18	2 2	21 53	0 4	6 9	2 12	23 0	0 1	11 49	0 11	17 5	4 22	12 12	11 33	26 32	5 5	2 58	
T 9	22 36	12 44	0s 7	20 44	0 38	9 34	2 3	25 22	2 5	21 51	0 4	6 11	2 13	23 1	0 1	11 49	0 11	17 5	4 22	12 12	11 32	26 34	5 5	2 57	
W10	22 42	17 31	1 11	21 6	0 31	9 54	2 5	25 25	2 8	21 49	0 5	6 13	2 13	23 1	0 1	11 48	0 11	17 6	4 22	12 12	11 31	26 35	5 5	2 57	
T 11	22 47	21 35	2 11	21 27	0 24	10 14	2 8	25 28	2 11	21 47	0 5	6 15	2 13	23 1	0 1	11 48	0 11	17 6	4 22	12 11	11 30	26 36	5 4	2 57	
F 12	22 52	24 45	3 6	21 47	0 17	10 34	2 11	25 31	2 13	21 45	0 5	6 16	2 13	23 1	0 1	11 47	0 11	17 6	4 22	12 9	11 29	26 37	5 4	2 57	
S 13	22 57	26 51	3 52	22 6	0 10	10 53	2 13	25 34	2 16	21 44	0 5	6 18	2 13	23 2	0 1	11 47	0 11	17 6	4 22	12 6	11 28	26 38	5 4	2 56	
S 14	23 1	27 44	4 28	22 24	0 3	11 13	2 15	25 37	2 19	21 42	0 5	6 20	2 14	23 2	0 1	11 47	0 11	17 6	4 22	12 3	11 27	26 39	5 3	2 56	
M15	23 5	27 19	4 53	22 41	0s 4	11 32	2 17	25 39	2 22	21 40	0 5	6 21	2 14	23 2	0 1	11 46	0 11	17 6	4 22	11 59	11 26	26 41	5 3	2 56	
T 16	23 8	25 39	5 5	22 57	0 11	11 52	2 19	25 42	2 24	21 38	0 5	6 23	2 14	23 2	0 1	11 46	0 11	17 7	4 22	11 56	11 25	26 42	5 3	2 56	
W17	23 10	22 48	5 3	23 11	0 18	12 11	2 21	25 44	2 27	21 36	0 5	6 24	2 14	23 3	0 1	11 46	0 11	17 7	4 22	11 53	11 23	26 43	5 3	2 55	
T 18	23 13	18 55	4 48	23 25	0 24	12 31	2 22	25 46	2 29	21 34	0 5	6 26	2 15	23 3	0 1	11 45	0 11	17 7	4 22	11 50	11 22	26 44	5 2	2 55	
F 19	23 15	14 10	4 19	23 37	0 31	12 50	2 24	25 48	2 32	21 32	0 5	6 27	2 15	23 3	0 1	11 45	0 11	17 7	4 22	11 48	11 21	26 45	5 2	2 55	
S 20	23 16	8 43	3 36	23 48	0 37	13 9	2 25	25 50	2 34	21 30	0 5	6 29	2 15	23 3	0 1	11 44	0 11	17 7	4 22	11 47	11 20	26 46	5 2	2 55	
S 21	23 17	2 47	2 42	23 58	0 44	13 28	2 26	25 52	2 36	21 28	0 5	6 30	2 15	23 4	0 1	11 44	0 11	17 7	4 22	11 47	11 19	26 47	5 2	2 55	
M22	23 17	3n28	1 37	24 6	0 50	13 47	2 28	25 53	2 39	21 26	0 6	6 32	2 15	23 4	0 1	11 43	0 11	17 8	4 22	11 47	11 18	26 49	5 2	2 54	
T 23	23 17	9 44	0 25	24 13	0 56	14 5	2 28	25 55	2 41	21 23	0 6	6 33	2 16	23 4	0 1	11 43	0 11	17 8	4 22	11 48	11 17	26 50	5 2	2 54	
W24	23 17	15 44	0n51	24 19	1 2	14 24	2 29	25 56	2 43	21 21	0 6	6 34	2 16	23 4	0 1	11 42	0 11	17 8	4 22	11 47	11 16	26 51	5 2	2 54	
T 25	23 16	21 0	2 5	24 24	1 8	14 42	2 30	25 57	2 44	21 19	0 6	6 35	2 16	23 4	0 1	11 42	0 11	17 8	4 22	11 47	11 15	26 52	5 2	2 54	
F 26	23 15	25 3	3 13	24 27	1 13	15 0	2 31	25 58	2 46	21 17	0 6	6 37	2 16	23 5	0 1	11 41	0 11	17 8	4 22	11 45	11 13	26 53	5 1	2 53	
S 27	23 13	27 21	4 8	24 29	1 19	15 17	2 31	25 59	2 48	21 15	0 6	6 38	2 17	23 5	0 1	11 41	0 11	17 9	4 22	11 42	11 12	26 54	5 1	2 53	
S 28	23 10	27 35	4 45	24 30	1 24	15 35	2 31	26 0	2 50	21 12	0 6	6 39	2 17	23 5	0 1	11 40	0 11	17 9	4 22	11 39	11 11	26 55	5 1	2 53	
M29	23 8	25 45	5 2	24 29	1 29	15 52	2 32	26 0	2 51	21 10	0 6	6 40	2 17	23 5	0 1	11 40	0 11	17 9	4 22	11 36	11 10	26 56	5 2	2 53	
T 30	23 4	22 9	4 58	24 28	1 34	16 9	2 32	26 1	2 53	21 8	0 6	6 41	2 17	23 6	0 1	11 39	0 11	17 9	4 22	11 32	11 9	26 57	5 2	2 52	
W31	23s 1	17n18	4n34	24s24	1s38	16s26	2n32	26n 1	2n54	21s 5	0s 6	6s42	2n18	23s 6	0s 1	11s39	0s11	17n 9	4s22	11n29	11n 8	26s58	5n 2	2n52	

Julian Day Number = 2874829.5, Delta T = 01h13m27s
Ecliptic obliquity = 23°17'29, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°58'10, Lahiri = 40°05'11

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ASTRODIENST EPHEMERIS for the year 3159
geocentric

JANUARY 3159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 41 25	9♑37'41	9♍17	13♑20	26♏ 5	23°R 7	25♑18	22♎56	22♐32	29♒50	22°R12	0°R 8	29♈10	20♐41	6♈ 4	T 1
F 2	6 45 21	10°38'38	22°42	14°55	27°15	22♊50	25°31	22°59	22°35	29°52	22♋11	0♉ 4	29° 7	20°47	6° 5	F 2
S 3	6 49 18	11°39'35	5♎40	16°29	28°25	22°33	25°45	23° 2	22°39	29°53	22°10	0° 3	29° 4	20°54	6° 6	S 3
S 4	6 53 14	12°40'33	18°13	18° 4	29°35	22°17	25°59	23° 5	22°43	29°55	22° 9	0°D 3	29° 1	21° 1	6° 7	S 4
M 5	6 57 11	13°41'32	0♏28	19°39	0♐45	22° 2	26°12	23° 8	22°46	29°57	22° 7	0°R 3	28°58	21° 7	6° 8	M 5
T 6	7 1 7	14°42'32	12°29	21°14	1°55	21°47	26°26	23°11	22°50	29°59	22° 6	0° 2	28°54	21°14	6° 9	T 6
W 7	7 5 4	15°43'34	24°21	22°49	3° 6	21°33	26°40	23°14	22°53	0♓ 0	22° 5	29♈59	28°51	21°21	6°10	W 7
T 8	7 9 0	16°44'36	6♐10	24°25	4°16	21°20	26°53	23°17	22°57	0° 2	22° 4	29°54	28°48	21°27	6°11	T 8
F 9	7 12 57	17°45'38	17°58	26° 0	5°27	21° 8	27° 7	23°20	23° 0	0° 4	22° 3	29°46	28°45	21°34	6°12	F 9
S 10	7 16 54	18°46'42	29°49	27°36	6°38	20°56	27°21	23°22	23° 4	0° 6	22° 1	29°35	28°42	21°41	6°13	S 10
S 11	7 20 50	19°47'46	11♑45	29°11	7°48	20°46	27°35	23°25	23° 7	0° 7	22° 0	29°21	28°39	21°48	6°15	S 11
M12	7 24 47	20°48'51	23°47	0♒47	8°59	20°36	27°49	23°27	23°10	0° 9	21°59	29° 7	28°35	21°54	6°16	M12
T 13	7 28 43	21°49'56	5♒56	2°23	10°10	20°27	28° 2	23°29	23°14	0°11	21°58	28°52	28°32	22° 1	6°18	T 13
W14	7 32 40	22°51'01	18°13	3°58	11°22	20°18	28°16	23°31	23°17	0°13	21°57	28°38	28°29	22° 8	6°19	W14
T 15	7 36 36	23°52'06	0♓39	5°34	12°33	20°11	28°30	23°33	23°20	0°15	21°55	28°27	28°26	22°14	6°21	T 15
F 16	7 40 33	24°53'12	13°15	7°10	13°44	20° 4	28°44	23°35	23°24	0°17	21°54	28°18	28°23	22°21	6°22	F 16
S 17	7 44 29	25°54'18	26° 3	8°45	14°56	19°59	28°58	23°37	23°27	0°19	21°53	28°13	28°19	22°28	6°24	S 17
S 18	7 48 26	26°55'23	9♈ 5	10°20	16° 7	19°54	29°12	23°39	23°30	0°21	21°52	28°11	28°16	22°34	6°25	S 18
M19	7 52 23	27°56'29	22°23	11°55	17°19	19°50	29°26	23°40	23°34	0°23	21°50	28°10	28°13	22°41	6°27	M19
T 20	7 56 19	28°57'34	6♉ 1	13°29	18°31	19°47	29°40	23°42	23°37	0°25	21°49	28°10	28°10	22°48	6°29	T 20
W21	8 0 16	29°58'40	20° 0	15° 3	19°42	19°44	29°53	23°43	23°40	0°27	21°48	28° 9	28° 7	22°55	6°31	W21
T 22	8 4 12	0♒59'45	4♊21	16°36	20°54	19°43	0♒ 7	23°45	23°43	0°29	21°47	28° 6	28° 4	23° 1	6°33	T 22
F 23	8 8 9	2° 0'50	19° 2	18° 8	22° 6	19°42	0°21	23°46	23°46	0°31	21°46	28° 1	28° 0	23° 8	6°35	F 23
S 24	8 12 5	3° 1'55	3♋57	19°38	23°18	19°D42	0°35	23°47	23°49	0°33	21°44	27°52	27°57	23°15	6°37	S 24
S 25	8 16 2	4° 3'00	19° 0	21° 7	24°30	19°42	0°49	23°48	23°52	0°35	21°43	27°42	27°54	23°21	6°39	S 25
M26	8 19 59	5° 4'05	4♌ 0	22°34	25°43	19°44	1° 3	23°49	23°55	0°37	21°42	27°30	27°51	23°28	6°41	M26
T 27	8 23 55	6° 5'09	18°48	23°58	26°55	19°46	1°17	23°50	23°58	0°39	21°41	27°18	27°48	23°35	6°43	T 27
W28	8 27 52	7° 6'13	3♍15	25°20	28° 7	19°49	1°31	23°50	24° 1	0°41	21°40	27° 8	27°45	23°41	6°45	W28
T 29	8 31 48	8° 7'18	17°16	26°38	29°19	19°53	1°45	23°51	24° 4	0°44	21°39	27° 0	27°41	23°48	6°47	T 29
F 30	8 35 45	9° 8'22	0♎47	27°52	0♑32	19°57	1°58	23°51	24° 7	0°46	21°37	26°55	27°38	23°55	6°49	F 30
S 31	8 39 41	10♒ 9'26	13♎51	29♒ 2	1♑44	20♊ 3	2♒12	23♎52	24♐10	0♓48	21♋36	26♈52	27♈35	24♐ 2	6♈52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	22s57	11n41	3n55	24s20	1s43	16s42	2n31	26n 2	2n55	21s 3	0s 6	6s43	2n18	23s 6	0s 1	11s38	0s11	17n10	4s22	11n27	11n 7	26s59	5n 2	2n52
F 2	22 52	5 42	3 5	24 14	1 47	16 58	2 31	26 2	2 56	21 1	0 7	6 44	2 18	23 6	0 1	11 38	0 11	17 10	4 22	11 26	11 6	27 0	5 2	2 52
S 3	22 47	0s19	2 6	24 6	1 50	17 14	2 31	26 2	2 57	20 58	0 7	6 45	2 18	23 6	0 1	11 37	0 11	17 10	4 22	11 25	11 4	27 1	5 2	2 52
S 4	22 41	6 8	1 2	23 58	1 54	17 29	2 30	26 2	2 58	20 56	0 7	6 46	2 19	23 7	0 1	11 37	0 11	17 10	4 22	11 25	11 3	27 2	5 2	2 51
M 5	22 36	11 36	0s 2	23 48	1 57	17 44	2 30	26 2	2 59	20 53	0 7	6 47	2 19	23 7	0 1	11 36	0 11	17 11	4 22	11 25	11 2	27 3	5 2	2 51
T 6	22 29	16 32	1 5	23 37	2 0	17 59	2 29	26 2	3 0	20 51	0 7	6 48	2 19	23 7	0 1	11 35	0 11	17 11	4 22	11 25	11 1	27 4	5 3	2 51
W 7	22 22	20 46	2 5	23 24	2 3	18 13	2 28	26 2	3 1	20 48	0 7	6 49	2 20	23 7	0 1	11 35	0 11	17 11	4 22	11 24	11 0	27 5	5 3	2 51
T 8	22 15	24 8	2 59	23 10	2 5	18 27	2 27	26 2	3 1	20 46	0 7	6 49	2 20	23 7	0 1	11 34	0 11	17 11	4 22	11 22	10 59	27 6	5 3	2 50
F 9	22 7	26 29	3 45	22 54	2 7	18 41	2 26	26 1	3 2	20 43	0 7	6 50	2 20	23 8	0 1	11 34	0 11	17 11	4 22	11 19	10 58	27 7	5 3	2 50
S 10	21 59	27 38	4 21	22 37	2 9	18 54	2 25	26 1	3 3	20 41	0 7	6 51	2 20	23 8	0 1	11 33	0 11	17 12	4 22	11 15	10 57	27 8	5 4	2 50
S 11	21 51	27 31	4 46	22 19	2 10	19 7	2 24	26 1	3 3	20 38	0 7	6 51	2 21	23 8	0 1	11 32	0 11	17 12	4 22	11 11	10 56	27 9	5 4	2 50
M12	21 41	26 6	4 58	22 0	2 11	19 19	2 22	26 0	3 3	20 35	0 7	6 52	2 21	23 8	0 1	11 32	0 11	17 12	4 22	11 5	10 54	27 10	5 4	2 50
T 13	21 32	23 28	4 57	21 39	2 12	19 31	2 21	26 0	3 4	20 33	0 7	6 53	2 21	23 8	0 1	11 31	0 11	17 12	4 22	11 0	10 53	27 11	5 5	2 49
W14	21 22	19 45	4 42	21 17	2 12	19 42	2 20	26 0	3 4	20 30	0 8	6 53	2 21	23 9	0 1	11 30	0 11	17 13	4 22	10 55	10 52	27 12	5 5	2 49
T 15	21 12	15 8	4 14	20 53	2 12	19 53	2 18	25 59	3 4	20 27	0 8	6 54	2 22	23 9	0 1	11 30	0 11	17 13	4 22	10 51	10 51	27 13	5 5	2 49
F 16	21 1	9 50	3 33	20 28	2 11	20 3	2 16	25 59	3 4	20 25	0 8	6 54	2 22	23 9	0 1	11 29	0 11	17 13	4 21	10 48	10 50	27 14	5 6	2 49
S 17	20 50	4 1	2 41	20 2	2 9	20 13	2 15	25 59	3 4	20 22	0 8	6 54	2 22	23 9	0 1	11 28	0 11	17 13	4 21	10 47	10 49	27 15	5 6	2 48
S 18	20 39	2n 3	1 39	19 35	2 7	20 22	2 13	25 58	3 4	20 19	0 8	6 55	2 23	23 9	0 1	11 28	0 11	17 14	4 21	10 46	10 48	27 16	5 7	2 48
M19	20 27	8 11	0 30	19 7	2 5	20 31	2 11	25 58	3 4	20 16	0 8	6 55	2 23	23 9	0 1	11 27	0 11	17 14	4 21	10 45	10 47	27 17	5 7	2 48
T 20	20 14	14 6	0n41	18 37	2 2	20 39	2 9	25 58	3 4	20 14	0 8	6 55	2 23	23 10	0 1	11 26	0 11	17 14	4 21	10 45	10 45	27 17	5 8	2 48
W21	20 2	19 27	1 53	18 6	1 58	20 47	2 7	25 57	3 4	20 11	0 8	6 56	2 23	23 10	0 1	11 26	0 11	17 14	4 21	10 45	10 44	27 18	5 8	2 48
T 22	19 49	23 48	2 58	17 34	1 54	20 54	2 5	25 57	3 4	20 8	0 8	6 56	2 24	23 10	0 1	11 25	0 12	17 15	4 21	10 44	10 43	27 19	5 9	2 47
F 23	19 35	26 44	3 54	17 2	1 49	21 1	2 3	25 57	3 4	20 5	0 8	6 56	2 24	23 10	0 1	11 24	0 12	17 15	4 21	10 42	10 42	27 20	5 9	2 47
S 24	19 22	27 49	4 35	16 28	1 43	21 7	2 0	25 56	3 3	20 2	0 8	6 56	2 24	23 10	0 1	11 23	0 12	17 15	4 21	10 39	10 41	27 21	5 10	2 47
S 25	19 7	26 51	4 57	15 54	1 36	21 13	1 58	25 56	3 3	19 59	0 9	6 56	2 25	23 10	0 1	11 23	0 12	17 15	4 21	10 35	10 40	27 22	5 11	2 47
M26	18 53	23 58	4 58	15 19	1 29	21 18	1 56	25 56	3 3	19 56	0 9	6 56	2 25	23 11	0 1	11 22	0 12	17 16	4 21	10 31	10 39	27 23	5 11	2 47
T 27	18 38	19 31	4 40	14 43	1 21	21 22	1 53	25 56	3 2	19 54	0 9	6 56	2 25	23 11	0 1	11 21	0 12	17 16	4 21	10 27	10 38	27 23	5 12	2 46
W28	18 23	14 2	4 3	14 8	1 12	21 26	1 51	25 56	3 2	19 51	0 9	6 56	2 25	23 11	0 1	11 20	0 12	17 16	4 21	10 23	10 36	27 24	5 13	2 46
T 29	18 7	7 58	3 13	13 32	1 2	21 29	1 48	25 55	3 1	19 48	0 9	6 56	2 26	23 11	0 1	11 20	0 12	17 16	4 21	10 20	10 35	27 25	5 13	2 46
F 30	17 52	1 44	2 13	12 56	0 51	21 32	1 45	25 55	3 1	19 45	0 9	6 56	2 26	23 11	0 1	11 19	0 12	17 17	4 20	10 19	10 34	27 26	5 14	2 46
S 31	17s35	4s23	1n 8	12s21	0s39	21s34	1n43	25n55	3n 0	19s42	0s 9	6s56	2n26	23s11	0s 1	11s18	0s12	17n17	4s20	10n18	10n33	27s27	5n15	2n46

Julian Day Number = 2874860.5, Delta T = 01h13m27s
Ecliptic obliquity = 23°17'29, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°58'15, Lahiri = 40°05'15

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ASTRODIENST EPHEMERIS for the year 3159
geocentric

FEBRUARY 3159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 43 38	11♒10'31	26♎30	0♓ 6	2♉57	20♊ 8	2♒26	23♎52	24♐13	0♓50	21°R35	26°D52	27♈32	24♐ 8	6♈54	S 1
M 2	8 47 34	12°11'35	8♏48	1° 5	4°10	20°15	2°40	23°R52	24°16	0°52	21♋34	26°R52	27°29	24°15	6°56	M 2
T 3	8 51 31	13°12'39	20°51	1°56	5°22	20°22	2°54	23°52	24°19	0°54	21°33	26♈52	27°25	24°22	6°59	T 3
W 4	8 55 28	14°13'43	2♐45	2°39	6°35	20°30	3° 8	23°52	24°21	0°57	21°32	26°50	27°22	24°28	7° 1	W 4
T 5	8 59 24	15°14'47	14°34	3°14	7°48	20°39	3°21	23°51	24°24	0°59	21°31	26°46	27°19	24°35	7° 4	T 5
F 6	9 3 21	16°15'51	26°23	3°39	9° 1	20°48	3°35	23°51	24°27	1° 1	21°30	26°39	27°16	24°42	7° 6	F 6
S 7	9 7 17	17°16'55	8♑17	3°54	10°14	20°58	3°49	23°51	24°29	1° 3	21°28	26°30	27°13	24°48	7° 9	S 7
S 8	9 11 14	18°17'58	20°18	3°R58	11°27	21° 8	4° 3	23°50	24°32	1° 5	21°27	26°18	27°10	24°55	7°12	S 8
M 9	9 15 10	19°19'01	2♒29	3°50	12°40	21°19	4°16	23°49	24°34	1° 8	21°26	26° 5	27° 6	25° 2	7°14	M 9
T 10	9 19 7	20°20'03	14°50	3°31	13°53	21°31	4°30	23°49	24°37	1°10	21°25	25°52	27° 3	25° 9	7°17	T 10
W11	9 23 3	21°21'05	27°23	3° 0	15° 6	21°43	4°44	23°48	24°39	1°12	21°24	25°40	27° 0	25°15	7°20	W11
T 12	9 27 0	22°22'06	10♓ 6	2°18	16°19	21°55	4°57	23°47	24°42	1°14	21°23	25°30	26°57	25°22	7°22	T 12
F 13	9 30 57	23°23'06	23° 1	1°26	17°32	22° 9	5°11	23°46	24°44	1°17	21°22	25°23	26°54	25°29	7°25	F 13
S 14	9 34 53	24°24'05	6♈ 6	0°26	18°45	22°23	5°24	23°45	24°46	1°19	21°21	25°19	26°51	25°35	7°28	S 14
S 15	9 38 50	25°25'03	19°23	29♒19	19°59	22°37	5°38	23°43	24°49	1°21	21°20	25°D17	26°47	25°42	7°31	S 15
M16	9 42 46	26°26'00	2♉51	28° 7	21°12	22°52	5°52	23°42	24°51	1°23	21°19	25°17	26°44	25°49	7°34	M16
T 17	9 46 43	27°26'57	16°32	26°52	22°25	23° 7	6° 5	23°40	24°53	1°26	21°18	25°18	26°41	25°55	7°37	T 17
W18	9 50 39	28°27'52	0♊26	25°37	23°39	23°23	6°18	23°39	24°55	1°28	21°17	25°R18	26°38	26° 2	7°40	W18
T 19	9 54 36	29°28'46	14°34	24°24	24°52	23°39	6°32	23°37	24°57	1°30	21°16	25°17	26°35	26° 9	7°43	T 19
F 20	9 58 32	0♓29'38	28°55	23°14	26° 5	23°56	6°45	23°35	24°59	1°33	21°15	25°14	26°31	26°16	7°46	F 20
S 21	10 2 29	1°30'30	13♋25	22° 9	27°19	24°14	6°58	23°33	25° 1	1°35	21°15	25° 8	26°28	26°22	7°49	S 21
S 22	10 6 26	2°31'20	28° 0	21°11	28°32	24°31	7°12	23°31	25° 3	1°37	21°14	25° 1	26°25	26°29	7°52	S 22
M23	10 10 22	3°32'09	12♌35	20°20	29°46	24°49	7°25	23°29	25° 5	1°39	21°13	24°52	26°22	26°36	7°55	M23
T 24	10 14 19	4°32'57	27° 0	19°38	0♒59	25° 8	7°38	23°27	25° 7	1°42	21°12	24°44	26°19	26°42	7°58	T 24
W25	10 18 15	5°33'43	11♍11	19° 3	2°13	25°27	7°51	23°25	25° 9	1°44	21°11	24°36	26°16	26°49	8° 1	W25
T 26	10 22 12	6°34'29	25° 2	18°38	3°27	25°46	8° 4	23°22	25°11	1°46	21°10	24°31	26°12	26°56	8° 4	T 26
F 27	10 26 8	7°35'13	8♎30	18°20	4°40	26° 6	8°17	23°20	25°13	1°49	21°10	24°27	26° 9	27° 2	8° 8	F 27
S 28	10 30 5	8♓35'56	21♎34	18♒10	5♒54	26♊26	8♒30	23♎17	25♐14	1♓51	21♋ 9	24°D26	26♈ 6	27♐ 9	8♈11	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s19	10s 8	0n 2	11s46	0s26	21s36	1n40	25n55	3n 0	19s39	0s 9	6s56	2n27	23s11	0s 1	11s17	0s12	17n17	4s20	10n18	10n32	27s27	5n15	2n45
M 2	17 2	15 20	1s 3	11 13	0 12	21 36	1 37	25 55	2 59	19 36	0 9	6 56	2 27	23 11	0 1	11 17	0 12	17 17	4 20	10 18	10 31	27 28	5 16	2 45
T 3	16 45	19 51	2 4	10 41	0n 2	21 37	1 34	25 55	2 59	19 33	0 9	6 55	2 27	23 12	0 1	11 16	0 12	17 18	4 20	10 17	10 30	27 29	5 17	2 45
W 4	16 28	23 29	2 58	10 11	0 18	21 36	1 32	25 55	2 58	19 29	0 9	6 55	2 27	23 12	0 1	11 15	0 12	17 18	4 20	10 17	10 28	27 30	5 18	2 45
T 5	16 10	26 7	3 44	9 44	0 34	21 35	1 29	25 55	2 58	19 26	0 10	6 55	2 28	23 12	0 1	11 14	0 12	17 18	4 20	10 15	10 27	27 31	5 19	2 45
F 6	15 52	27 36	4 21	9 19	0 51	21 34	1 26	25 55	2 57	19 23	0 10	6 54	2 28	23 12	0 1	11 14	0 12	17 19	4 20	10 13	10 26	27 31	5 19	2 44
S 7	15 34	27 48	4 47	8 57	1 8	21 31	1 23	25 55	2 56	19 20	0 10	6 54	2 28	23 12	0 1	11 13	0 12	17 19	4 20	10 10	10 25	27 32	5 20	2 44
S 8	15 15	26 43	5 0	8 39	1 26	21 29	1 20	25 55	2 56	19 17	0 10	6 53	2 29	23 12	0 1	11 12	0 12	17 19	4 20	10 5	10 24	27 33	5 21	2 44
M 9	14 56	24 21	5 0	8 25	1 44	21 25	1 17	25 55	2 55	19 14	0 10	6 53	2 29	23 12	0 1	11 11	0 12	17 19	4 20	10 1	10 23	27 34	5 22	2 44
T 10	14 37	20 50	4 46	8 16	2 2	21 21	1 14	25 55	2 54	19 11	0 10	6 52	2 29	23 12	0 1	11 11	0 12	17 20	4 19	9 56	10 22	27 34	5 23	2 44
W11	14 18	16 20	4 17	8 11	2 19	21 16	1 11	25 55	2 54	19 8	0 10	6 52	2 29	23 13	0 2	11 10	0 12	17 20	4 19	9 52	10 20	27 35	5 24	2 44
T 12	13 58	11 4	3 36	8 10	2 35	21 11	1 8	25 55	2 53	19 5	0 10	6 51	2 30	23 13	0 2	11 9	0 12	17 20	4 19	9 48	10 19	27 36	5 25	2 43
F 13	13 38	5 15	2 43	8 15	2 50	21 5	1 5	25 56	2 52	19 1	0 10	6 51	2 30	23 13	0 2	11 8	0 12	17 20	4 19	9 46	10 18	27 36	5 26	2 43
S 14	13 18	0n52	1 40	8 23	3 3	20 58	1 1	25 56	2 51	18 58	0 10	6 50	2 30	23 13	0 2	11 7	0 12	17 21	4 19	9 44	10 17	27 37	5 27	2 43
S 15	12 58	7 3	0 31	8 36	3 15	20 51	0 58	25 56	2 51	18 55	0 11	6 49	2 30	23 13	0 2	11 7	0 12	17 21	4 19	9 43	10 16	27 38	5 28	2 43
M16	12 38	13 1	0n40	8 52	3 24	20 44	0 55	25 56	2 50	18 52	0 11	6 48	2 31	23 13	0 2	11 6	0 12	17 21	4 19	9 43	10 15	27 38	5 29	2 43
T 17	12 17	18 27	1 51	9 11	3 30	20 35	0 52	25 56	2 49	18 49	0 11	6 48	2 31	23 13	0 2	11 5	0 12	17 21	4 19	9 44	10 14	27 39	5 30	2 43
W18	11 56	23 0	2 57	9 32	3 34	20 26	0 49	25 56	2 48	18 45	0 11	6 47	2 31	23 13	0 2	11 4	0 12	17 22	4 19	9 44	10 13	27 40	5 31	2 42
T 19	11 35	26 15	3 52	9 55	3 36	20 17	0 46	25 56	2 48	18 42	0 11	6 46	2 32	23 13	0 2	11 3	0 12	17 22	4 18	9 43	10 11	27 40	5 32	2 42
F 20	11 14	27 52	4 34	10 18	3 35	20 6	0 42	25 56	2 47	18 39	0 11	6 45	2 32	23 13	0 2	11 3	0 12	17 22	4 18	9 42	10 10	27 41	5 33	2 42
S 21	10 52	27 35	4 59	10 42	3 32	19 56	0 39	25 56	2 46	18 36	0 11	6 44	2 32	23 14	0 2	11 2	0 12	17 22	4 18	9 40	10 9	27 42	5 34	2 42
S 22	10 31	25 25	5 5	11 5	3 27	19 44	0 36	25 56	2 45	18 32	0 11	6 43	2 32	23 14	0 2	11 1	0 12	17 23	4 18	9 37	10 8	27 42	5 35	2 42
M23	10 9	21 35	4 51	11 27	3 20	19 32	0 33	25 56	2 45	18 29	0 11	6 42	2 33	23 14	0 2	11 0	0 12	17 23	4 18	9 34	10 7	27 43	5 36	2 42
T 24	9 47	16 29	4 19	11 48	3 11	19 20	0 30	25 56	2 44	18 26	0 11	6 41	2 33	23 14	0 2	10 59	0 12	17 23	4 18	9 31	10 6	27 44	5 37	2 41
W25	9 25	10 35	3 31	12 8	3 2	19 7	0 26	25 56	2 43	18 23	0 12	6 40	2 33	23 14	0 2	10 59	0 12	17 23	4 18	9 29	10 5	27 44	5 38	2 41
T 26	9 3	4 17	2 32	12 26	2 51	18 53	0 23	25 56	2 42	18 19	0 12	6 39	2 33	23 14	0 2	10 58	0 12	17 24	4 18	9 27	10 3	27 45	5 39	2 41
F 27	8 40	2s 3	1 25	12 42	2 40	18 39	0 20	25 55	2 41	18 16	0 12	6 38	2 33	23 14	0 2	10 57	0 12	17 24	4 17	9 25	10 2	27 45	5 40	2 41
S 28	8s18	8s 7	0n15	12s56	2n28	18s25	0n17	25n55	2n41	18s13	0s12	6s37	2n34	23s14	0s 2	10s56	0s12	17n24	4s17	9n25	10n 1	27s46	5n42	2n41

Julian Day Number = 2874891.5, Delta T = 01h13m28s
Ecliptic obliquity = 23°17'30, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°58'19, Lahiri = 40°05'19

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ASTRODIENST EPHEMERIS for the year 3159
geocentric

MARCH 3159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 34 1	9♓36'39	4♏16	18°D 9	7♒ 7	26♊47	8♒43	23°R14	25♐16	1♓53	21°R 8	24♈26	26♈ 3	27♐16	8♈14	S 1
M 2	10 37 58	10°37'20	16°38	18♒14	8°21	27° 8	8°56	23♎12	25°17	1°55	21♋ 7	24°28	26° 0	27°23	8°17	M 2
T 3	10 41 54	11°38'00	28°45	18°26	9°35	27°29	9° 9	23° 9	25°19	1°58	21° 7	24°29	25°56	27°29	8°21	T 3
W 4	10 45 51	12°38'40	10♐42	18°44	10°49	27°50	9°22	23° 6	25°20	2° 0	21° 6	24°R30	25°53	27°36	8°24	W 4
T 5	10 49 48	13°39'18	22°33	19° 8	12° 2	28°12	9°35	23° 3	25°22	2° 2	21° 5	24°29	25°50	27°43	8°27	T 5
F 6	10 53 44	14°39'56	4♑25	19°38	13°16	28°34	9°47	23° 0	25°23	2° 4	21° 4	24°27	25°47	27°49	8°31	F 6
S 7	10 57 41	15°40'32	16°21	20°12	14°30	28°57	10° 0	22°57	25°25	2° 7	21° 4	24°23	25°44	27°56	8°34	S 7
S 8	11 1 37	16°41'07	28°25	20°51	15°44	29°20	10°13	22°53	25°26	2° 9	21° 3	24°18	25°41	28° 3	8°38	S 8
M 9	11 5 34	17°41'41	10♒42	21°34	16°58	29°43	10°25	22°50	25°27	2°11	21° 3	24°11	25°37	28°10	8°41	M 9
T 10	11 9 30	18°42'13	23°13	22°22	18°11	0♋ 7	10°37	22°47	25°28	2°13	21° 2	24° 5	25°34	28°16	8°44	T 10
W11	11 13 27	19°42'44	5♓59	23°12	19°25	0°30	10°50	22°43	25°29	2°15	21° 1	23°59	25°31	28°23	8°48	W11
T 12	11 17 23	20°43'14	19° 1	24° 6	20°39	0°54	11° 2	22°39	25°30	2°18	21° 1	23°54	25°28	28°30	8°51	T 12
F 13	11 21 20	21°43'42	2♈18	25° 3	21°53	1°19	11°14	22°36	25°31	2°20	21° 0	23°50	25°25	28°36	8°55	F 13
S 14	11 25 17	22°44'08	15°48	26° 3	23° 7	1°43	11°27	22°32	25°32	2°22	21° 0	23°48	25°22	28°43	8°58	S 14
S 15	11 29 13	23°44'33	29°29	27° 5	24°21	2° 8	11°39	22°28	25°33	2°24	20°59	23°D48	25°18	28°50	9° 2	S 15
M16	11 33 10	24°44'56	13♉20	28°10	25°35	2°33	11°51	22°24	25°34	2°26	20°59	23°49	25°15	28°56	9° 5	M16
T 17	11 37 6	25°45'17	27°19	29°17	26°49	2°59	12° 3	22°20	25°35	2°28	20°59	23°51	25°12	29° 3	9° 9	T 17
W18	11 41 3	26°45'37	11♊23	0♓26	28° 3	3°24	12°14	22°16	25°36	2°31	20°58	23°52	25° 9	29°10	9°12	W18
T 19	11 44 59	27°45'54	25°32	1°37	29°17	3°50	12°26	22°12	25°36	2°33	20°58	23°R53	25° 6	29°17	9°16	T 19
F 20	11 48 56	28°46'10	9♋43	2°50	0♓31	4°16	12°38	22° 8	25°37	2°35	20°57	23°52	25° 2	29°23	9°20	F 20
S 21	11 52 52	29°46'23	23°55	4° 5	1°45	4°43	12°50	22° 4	25°38	2°37	20°57	23°51	24°59	29°30	9°23	S 21
S 22	11 56 49	0♈46'35	8♌ 5	5°22	2°59	5° 9	13° 1	22° 0	25°38	2°39	20°57	23°48	24°56	29°37	9°27	S 22
M23	12 0 46	1°46'44	22° 9	6°40	4°13	5°36	13°13	21°56	25°39	2°41	20°56	23°45	24°53	29°43	9°30	M23
T 24	12 4 42	2°46'52	6♍ 5	7°59	5°27	6° 3	13°24	21°51	25°39	2°43	20°56	23°42	24°50	29°50	9°34	T 24
W25	12 8 39	3°46'57	19°49	9°21	6°40	6°30	13°35	21°47	25°39	2°45	20°56	23°39	24°47	29°57	9°38	W25
T 26	12 12 35	4°47'01	3♎18	10°43	7°54	6°57	13°46	21°43	25°40	2°47	20°56	23°37	24°43	0♑ 4	9°41	T 26
F 27	12 16 32	5°47'03	16°30	12° 7	9° 8	7°25	13°58	21°38	25°40	2°49	20°55	23°36	24°40	0°10	9°45	F 27
S 28	12 20 28	6°47'03	29°24	13°33	10°22	7°53	14° 9	21°34	25°40	2°51	20°55	23°D36	24°37	0°17	9°48	S 28
S 29	12 24 25	7°47'01	12♏ 1	14°59	11°37	8°21	14°19	21°29	25°40	2°53	20°55	23°37	24°34	0°24	9°52	S 29
M30	12 28 21	8°46'58	24°22	16°27	12°51	8°49	14°30	21°25	25°40	2°55	20°55	23°38	24°31	0°30	9°56	M30
T 31	12 32 18	9♈46'53	6♐30	17♓57	14♓ 5	9♋17	14♒41	21♎20	25°R40	2♓57	20♋55	23♈40	24♈28	0♑37	9♈59	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s55	13s42	0s53	13s 9	2n16	18s 9	0n14	25n55	2n40	18s10	0s12	6s35	2n34	23s14	0s 2	10s55	0s12	17n24	4s17	9n25	10n 0	27s47	5n43	2n41
M 2	7 32	18 35	1 57	13 19	2 3	17 54	0 11	25 55	2 39	18 6	0 12	6 34	2 34	23 14	0 2	10 55	0 12	17 25	4 17	9 25	9 59	27 47	5 44	2 41
T 3	7 9	22 36	2 55	13 27	1 51	17 37	0 7	25 54	2 38	18 3	0 12	6 33	2 34	23 14	0 2	10 54	0 12	17 25	4 17	9 26	9 58	27 48	5 45	2 41
W 4	6 46	25 37	3 44	13 34	1 38	17 21	0 4	25 54	2 37	18 0	0 12	6 32	2 35	23 14	0 2	10 53	0 12	17 25	4 17	9 26	9 57	27 48	5 46	2 40
T 5	6 23	27 28	4 23	13 38	1 26	17 3	0 1	25 53	2 37	17 57	0 12	6 30	2 35	23 14	0 2	10 52	0 12	17 25	4 17	9 26	9 55	27 49	5 47	2 40
F 6	6 0	28 4	4 51	13 41	1 13	16 46	0s 2	25 53	2 36	17 53	0 13	6 29	2 35	23 14	0 2	10 51	0 12	17 26	4 17	9 25	9 54	27 49	5 49	2 40
S 7	5 37	27 23	5 7	13 42	1 1	16 27	0 5	25 52	2 35	17 50	0 13	6 28	2 35	23 15	0 2	10 51	0 12	17 26	4 16	9 24	9 53	27 50	5 50	2 40
S 8	5 14	25 24	5 9	13 41	0 49	16 9	0 8	25 52	2 34	17 47	0 13	6 26	2 35	23 15	0 2	10 50	0 12	17 26	4 16	9 22	9 52	27 50	5 51	2 40
M 9	4 50	22 13	4 57	13 38	0 37	15 50	0 11	25 51	2 33	17 44	0 13	6 25	2 36	23 15	0 2	10 49	0 12	17 26	4 16	9 19	9 51	27 51	5 52	2 40
T 10	4 27	17 58	4 31	13 34	0 26	15 30	0 14	25 50	2 32	17 40	0 13	6 23	2 36	23 15	0 2	10 48	0 12	17 26	4 16	9 17	9 50	27 51	5 54	2 40
W11	4 3	12 51	3 51	13 28	0 15	15 10	0 17	25 49	2 32	17 37	0 13	6 22	2 36	23 15	0 2	10 48	0 12	17 27	4 16	9 15	9 48	27 52	5 55	2 40
T 12	3 39	7 3	2 58	13 20	0 4	14 50	0 19	25 48	2 31	17 34	0 13	6 20	2 36	23 15	0 2	10 47	0 12	17 27	4 16	9 13	9 47	27 52	5 56	2 39
F 13	3 16	0 51	1 55	13 11	0s 6	14 29	0 22	25 47	2 30	17 31	0 13	6 19	2 36	23 15	0 2	10 46	0 12	17 27	4 16	9 12	9 46	27 53	5 57	2 39
S 14	2 52	5n31	0 44	13 1	0 16	14 7	0 25	25 46	2 29	17 27	0 13	6 17	2 37	23 15	0 2	10 45	0 12	17 27	4 15	9 11	9 45	27 53	5 59	2 39
S 15	2 28	11 43	0n31	12 49	0 26	13 46	0 28	25 45	2 28	17 24	0 14	6 16	2 37	23 15	0 2	10 45	0 12	17 28	4 15	9 11	9 44	27 54	6 0	2 39
M16	2 4	17 25	1 45	12 35	0 35	13 24	0 31	25 44	2 28	17 21	0 14	6 14	2 37	23 15	0 2	10 44	0 12	17 28	4 15	9 11	9 43	27 54	6 1	2 39
T 17	1 41	22 15	2 53	12 21	0 44	13 1	0 33	25 42	2 27	17 18	0 14	6 13	2 37	23 15	0 2	10 43	0 12	17 28	4 15	9 12	9 42	27 55	6 2	2 39
W18	1 17	25 50	3 52	12 4	0 53	12 38	0 36	25 41	2 26	17 15	0 14	6 11	2 37	23 15	0 2	10 42	0 12	17 28	4 15	9 12	9 40	27 55	6 4	2 39
T 19	0 53	27 49	4 36	11 47	1 1	12 15	0 38	25 39	2 25	17 11	0 14	6 9	2 37	23 15	0 2	10 42	0 12	17 28	4 15	9 13	9 39	27 55	6 5	2 39
F 20	0 29	28 0	5 4	11 28	1 9	11 52	0 41	25 38	2 25	17 8	0 14	6 8	2 38	23 15	0 2	10 41	0 12	17 29	4 15	9 13	9 38	27 56	6 6	2 39
S 21	0 5	26 20	5 14	11 8	1 16	11 28	0 43	25 36	2 24	17 5	0 14	6 6	2 38	23 15	0 2	10 40	0 12	17 29	4 14	9 12	9 37	27 56	6 8	2 39
S 22	0n18	23 2	5 4	10 47	1 23	11 4	0 46	25 34	2 23	17 2	0 14	6 4	2 38	23 15	0 2	10 39	0 12	17 29	4 14	9 11	9 36	27 57	6 9	2 38
M23	0 42	18 24	4 36	10 24	1 30	10 39	0 48	25 32	2 22	16 59	0 15	6 3	2 38	23 15	0 2	10 39	0 12	17 29	4 14	9 10	9 35	27 57	6 10	2 38
T 24	1 6	12 49	3 52	10 0	1 36	10 15	0 51	25 31	2 21	16 56	0 15	6 1	2 38	23 15	0 2	10 38	0 12	17 29	4 14	9 9	9 33	27 57	6 12	2 38
W25	1 30	6 42	2 55	9 35	1 42	9 50	0 53	25 28	2 21	16 53	0 15	5 59	2 38	23 15	0 2	10 37	0 12	17 30	4 14	9 8	9 32	27 58	6 13	2 38
T 26	1 53	0 22	1 50	9 9	1 47	9 24	0 55	25 26	2 20	16 50	0 15	5 58	2 38	23 15	0 2	10 36	0 12	17 30	4 14	9 7	9 31	27 58	6 14	2 38
F 27	2 17	5s51	0 39	8 42	1 52	8 59	0 57	25 24	2 19	16 47	0 15	5 56	2 39	23 15	0 2	10 36	0 12	17 30	4 13	9 7	9 30	27 59	6 16	2 38
S 28	2 41	11 42	0s32	8 14	1 57	8 33	0 59	25 22	2 18	16 44	0 15	5 54	2 39	23 15	0 2	10 35	0 12	17 30	4 13	9 7	9 29	27 59	6 17	2 38
S 29	3 4	16 56	1 40	7 44	2 1	8 7	1 1	25 19	2 18	16 41	0 15	5 52	2 39	23 15	0 2	10 34	0 12	17 30	4 13	9 7	9 28	27 59	6 18	2 38
M30	3 28	21 22	2 42	7 14	2 5	7 41	1 3	25 17	2 17	16 38	0 15	5 51	2 39	23 15	0 2	10 34	0 12	17 30	4 13	9 7	9 27	28 0	6 20	2 38
T 31	3n51	24s48	3s35	6s42	2s 8	7s14	1s 5	25n14	2n16	16s35	0s16	5s49	2n39	23s15	0s 2	10s33	0s12	17n31	4s13	9n 8	9n25	28s 0	6n21	2n38

Julian Day Number = 2874919.5, Delta T = 01h13m29s
Ecliptic obliquity = 23°17'30, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°58'23, Lahiri = 40°05'23

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ASTRODIENST EPHEMERIS for the year 3159
geocentric

APRIL 3159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 36 15	10♈46'47	18♐29	19♓27	15♓19	9♋46	14♒52	21°R16	25°R40	2♓59	20°R55	23♈41	24♈24	0♑44	10♈ 3	W 1
T 2	12 40 11	11°46'39	0♑22	20°59	16°33	10°14	15° 2	21♎11	25♐40	3° 1	20♋55	23°42	24°21	0°51	10° 6	T 2
F 3	12 44 8	12°46'29	12°14	22°32	17°47	10°43	15°13	21° 6	25°40	3° 3	20°55	23°R42	24°18	0°57	10°10	F 3
S 4	12 48 4	13°46'18	24°11	24° 7	19° 1	11°12	15°23	21° 2	25°40	3° 4	20°55	23°42	24°15	1° 4	10°14	S 4
S 5	12 52 1	14°46'05	6♒16	25°42	20°15	11°41	15°33	20°57	25°40	3° 6	20°D55	23°41	24°12	1°11	10°17	S 5
M 6	12 55 57	15°45'50	18°34	27°19	21°29	12°10	15°43	20°52	25°39	3° 8	20°55	23°40	24° 8	1°17	10°21	M 6
T 7	12 59 54	16°45'34	1♓ 9	28°57	22°43	12°40	15°53	20°48	25°39	3°10	20°55	23°39	24° 5	1°24	10°24	T 7
W 8	13 3 50	17°45'16	14° 2	0♈37	23°57	13° 9	16° 3	20°43	25°39	3°12	20°55	23°38	24° 2	1°31	10°28	W 8
T 9	13 7 47	18°44'56	27°17	2°17	25°11	13°39	16°13	20°38	25°38	3°13	20°55	23°38	23°59	1°38	10°32	T 9
F 10	13 11 44	19°44'34	10♈51	3°59	26°25	14° 9	16°23	20°34	25°38	3°15	20°55	23°37	23°56	1°44	10°35	F 10
S 11	13 15 40	20°44'10	24°45	5°42	27°39	14°39	16°32	20°29	25°37	3°17	20°55	23°D37	23°53	1°51	10°39	S 11
S 12	13 19 37	21°43'44	8♉53	7°26	28°53	15° 9	16°42	20°24	25°37	3°18	20°55	23°37	23°49	1°58	10°42	S 12
M13	13 23 33	22°43'17	23°13	9°12	0♈ 7	15°39	16°51	20°19	25°36	3°20	20°55	23°37	23°46	2° 4	10°46	M13
T 14	13 27 30	23°42'47	7♊39	10°59	1°21	16°10	17° 0	20°15	25°35	3°22	20°56	23°R37	23°43	2°11	10°50	T 14
W15	13 31 26	24°42'15	22° 5	12°47	2°35	16°40	17° 9	20°10	25°35	3°23	20°56	23°37	23°40	2°18	10°53	W15
T 16	13 35 23	25°41'41	6♋28	14°37	3°49	17°11	17°18	20° 5	25°34	3°25	20°56	23°37	23°37	2°25	10°57	T 16
F 17	13 39 19	26°41'05	20°45	16°28	5° 3	17°42	17°27	20° 0	25°33	3°26	20°56	23°D37	23°34	2°31	11° 0	F 17
S 18	13 43 16	27°40'26	4♌51	18°20	6°17	18°13	17°36	19°56	25°32	3°28	20°57	23°37	23°30	2°38	11° 4	S 18
S 19	13 47 13	28°39'45	18°46	20°14	7°31	18°44	17°45	19°51	25°31	3°29	20°57	23°37	23°27	2°45	11° 7	S 19
M20	13 51 9	29°39'02	2♍29	22° 9	8°45	19°15	17°53	19°47	25°30	3°31	20°57	23°38	23°24	2°51	11°11	M20
T 21	13 55 6	0♉38'16	15°59	24° 5	10° 0	19°46	18° 1	19°42	25°29	3°32	20°58	23°39	23°21	2°58	11°14	T 21
W22	13 59 2	1°37'28	29°15	26° 3	11°14	20°17	18°10	19°37	25°28	3°34	20°58	23°39	23°18	3° 5	11°17	W22
T 23	14 2 59	2°36'38	12♎19	28° 2	12°28	20°49	18°18	19°33	25°27	3°35	20°58	23°40	23°14	3°12	11°21	T 23
F 24	14 6 55	3°35'46	25° 9	0♉ 2	13°42	21°20	18°26	19°28	25°26	3°37	20°59	23°R40	23°11	3°18	11°24	F 24
S 25	14 10 52	4°34'52	7♏46	2° 3	14°55	21°52	18°33	19°24	25°24	3°38	20°59	23°40	23° 8	3°25	11°28	S 25
S 26	14 14 48	5°33'56	20°11	4° 6	16° 9	22°24	18°41	19°19	25°23	3°39	21° 0	23°39	23° 5	3°32	11°31	S 26
M27	14 18 45	6°32'58	2♐25	6° 9	17°23	22°56	18°49	19°15	25°22	3°40	21° 0	23°37	23° 2	3°38	11°34	M27
T 28	14 22 41	7°31'58	14°30	8°14	18°37	23°27	18°56	19°11	25°20	3°42	21° 1	23°35	22°59	3°45	11°38	T 28
W29	14 26 38	8°30'57	26°27	10°19	19°51	23°59	19° 3	19° 6	25°19	3°43	21° 1	23°33	22°55	3°52	11°41	W29
T 30	14 30 35	9♉29'54	8♑21	12♉24	21♈ 5	24♋32	19♒10	19♎ 2	25♐18	3♓44	21♋ 2	23♈31	22♈52	3♑59	11♈44	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	4n14	27s 6	4s19	6s10	2s11	6s47	1s 7	25n11	2n15	16s32	0s16	5s47	2n39	23s15	0s 2	10s32	0s12	17n31	4s13	9n 8	9n24	28s 0	6n22	2n38	W 1
T 2	4 38	28 8	4 51	5 36	2 14	6 20	1 9	25 8	2 14	16 29	0 16	5 45	2 39	23 15	0 2	10 32	0 12	17 31	4 13	9 9	9 23	28 1	6 24	2 38	T 2
F 3	5 1	27 53	5 10	5 2	2 16	5 53	1 11	25 5	2 14	16 26	0 16	5 43	2 39	23 15	0 2	10 31	0 12	17 31	4 12	9 9	9 22	28 1	6 25	2 38	F 3
S 4	5 24	26 20	5 16	4 26	2 18	5 26	1 12	25 2	2 13	16 23	0 16	5 42	2 39	23 15	0 2	10 30	0 12	17 31	4 12	9 9	9 21	28 1	6 27	2 37	S 4
S 5	5 47	23 35	5 9	3 50	2 19	4 59	1 14	24 59	2 12	16 20	0 16	5 40	2 39	23 15	0 2	10 30	0 12	17 31	4 12	9 8	9 20	28 1	6 28	2 37	S 5
M 6	6 10	19 43	4 47	3 12	2 20	4 31	1 16	24 55	2 11	16 17	0 16	5 38	2 39	23 15	0 2	10 29	0 12	17 31	4 12	9 8	9 18	28 2	6 29	2 37	M 6
T 7	6 33	14 55	4 11	2 34	2 20	4 3	1 17	24 52	2 11	16 14	0 16	5 36	2 39	23 15	0 2	10 28	0 12	17 32	4 12	9 8	9 17	28 2	6 31	2 37	T 7
W 8	6 56	9 21	3 22	1 54	2 20	3 36	1 19	24 48	2 10	16 11	0 17	5 34	2 39	23 15	0 2	10 28	0 12	17 32	4 12	9 7	9 16	28 2	6 32	2 37	W 8
T 9	7 18	3 14	2 21	1 14	2 20	3 8	1 20	24 44	2 9	16 9	0 17	5 33	2 40	23 15	0 2	10 27	0 12	17 32	4 12	9 7	9 15	28 3	6 33	2 37	T 9
F 10	7 41	3n12	1 10	0 33	2 19	2 40	1 21	24 41	2 9	16 6	0 17	5 31	2 40	23 15	0 2	10 27	0 12	17 32	4 11	9 7	9 14	28 3	6 35	2 37	F 10
S 11	8 3	9 37	0n 6	0n 9	2 17	2 11	1 22	24 37	2 8	16 3	0 17	5 29	2 40	23 15	0 2	10 26	0 12	17 32	4 11	9 7	9 13	28 3	6 36	2 37	S 11
S 12	8 25	15 42	1 24	0 52	2 15	1 43	1 24	24 32	2 7	16 1	0 17	5 27	2 40	23 15	0 2	10 25	0 12	17 32	4 11	9 7	9 11	28 3	6 37	2 37	S 12
M13	8 47	21 0	2 37	1 35	2 13	1 15	1 25	24 28	2 6	15 58	0 17	5 26	2 40	23 15	0 2	10 25	0 12	17 32	4 11	9 7	9 10	28 3	6 39	2 37	M13
T 14	9 9	25 5	3 41	2 19	2 10	0 47	1 26	24 24	2 6	15 55	0 17	5 24	2 40	23 15	0 2	10 24	0 12	17 33	4 11	9 7	9 9	28 4	6 40	2 37	T 14
W15	9 31	27 33	4 30	3 4	2 7	0 18	1 27	24 19	2 5	15 53	0 18	5 22	2 40	23 15	0 2	10 24	0 12	17 33	4 11	9 7	9 8	28 4	6 41	2 37	W15
T 16	9 52	28 11	5 3	3 50	2 3	0n10	1 28	24 15	2 4	15 50	0 18	5 20	2 40	23 15	0 2	10 23	0 12	17 33	4 10	9 7	9 7	28 4	6 43	2 37	T 16
F 17	10 14	26 55	5 17	4 36	1 59	0 39	1 28	24 10	2 3	15 48	0 18	5 18	2 40	23 15	0 2	10 23	0 12	17 33	4 10	9 7	9 6	28 4	6 44	2 37	F 17
S 18	10 35	23 58	5 11	5 23	1 54	1 7	1 29	24 5	2 3	15 45	0 18	5 17	2 40	23 15	0 2	10 22	0 12	17 33	4 10	9 7	9 4	28 4	6 45	2 37	S 18
S 19	10 56	19 39	4 47	6 11	1 48	1 36	1 30	24 0	2 2	15 43	0 18	5 15	2 40	23 15	0 2	10 22	0 12	17 33	4 10	9 7	9 3	28 5	6 47	2 37	S 19
M20	11 17	14 22	4 7	6 59	1 43	2 4	1 30	23 55	2 1	15 40	0 18	5 13	2 40	23 15	0 2	10 21	0 13	17 33	4 10	9 7	9 2	28 5	6 48	2 37	M20
T 21	11 38	8 29	3 14	7 48	1 36	2 32	1 31	23 50	2 1	15 38	0 19	5 12	2 40	23 15	0 2	10 21	0 13	17 33	4 10	9 7	9 1	28 5	6 49	2 37	T 21
W22	11 58	2 18	2 11	8 36	1 30	3 1	1 31	23 45	2 0	15 35	0 19	5 10	2 40	23 15	0 2	10 20	0 13	17 33	4 10	9 8	9 0	28 5	6 51	2 37	W22
T 23	12 18	3s53	1 2	9 26	1 22	3 29	1 32	23 39	1 59	15 33	0 19	5 8	2 39	23 15	0 2	10 20	0 13	17 33	4 9	9 8	8 59	28 5	6 52	2 37	T 23
F 24	12 38	9 48	0s 8	10 15	1 14	3 57	1 32	23 34	1 59	15 31	0 19	5 7	2 39	23 15	0 2	10 19	0 13	17 34	4 9	9 8	8 57	28 5	6 53	2 37	F 24
S 25	12 58	15 14	1 17	11 5	1 6	4 25	1 32	23 28	1 58	15 29	0 19	5 5	2 39	23 15	0 2	10 19	0 13	17 34	4 9	9 8	8 56	28 5	6 55	2 37	S 25
S 26	13 18	19 57	2 22	11 54	0 58	4 54	1 33	23 22	1 57	15 26	0 19	5 3	2 39	23 15	0 2	10 18	0 13	17 34	4 9	9 7	8 55	28 6	6 56	2 37	S 26
M27	13 37	23 45	3 18	12 44	0 49	5 22	1 33	23 16	1 56	15 24	0 19	5 2	2 39	23 15	0 2	10 18	0 13	17 34	4 9	9 7	8 54	28 6	6 57	2 37	M27
T 28	13 56	26 27	4 5	13 33	0 39	5 49	1 33	23 10	1 56	15 22	0 20	5 0	2 39	23 15	0 2	10 17	0 13	17 34	4 9	9 6	8 53	28 6	6 59	2 37	T 28
W29	14 15	27 56	4 41	14 21	0 29	6 17	1 33	23 4	1 55	15 20	0 20	4 59	2 39	23 15	0 2	10 17	0 13	17 34	4 9	9 5	8 52	28 6	7 0	2 37	W29
T 30	14n34	28s 6	5s 4	15n10	0s19	6n45	1s33	22n58	1n54	15s18	0s20	4s57	2n39	23s15	0s 2	10s16	0s13	17n34	4s 8	9n 5	8n50	28s 6	7n 1	2n37	T 30

Julian Day Number = 2874950.5, Delta T = 01h13m29s
Ecliptic obliquity = 23°17'30, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°58'27, Lahiri = 40°05'28

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ASTRODIENST EPHEMERIS for the year 3159
geocentric

MAY 3159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 34 31	10♉28'49	20♋13	14♉30	22♈19	25♋ 4	19♒17	18°R58	25°R16	3♓45	21♋ 3	23°R29	22♈49	4♋ 5	11♈48	F 1
S 2	14 38 28	11°27'42	2♒ 9	16°36	23°33	25°36	19°24	18♎54	25♐15	3°46	21° 3	23♈28	22°46	4°12	11°51	S 2
S 3	14 42 24	12°26'33	14°12	18°43	24°47	26° 8	19°31	18°49	25°13	3°48	21° 4	23°D28	22°43	4°19	11°54	S 3
M 4	14 46 21	13°25'23	26°28	20°48	26° 1	26°41	19°37	18°45	25°11	3°49	21° 4	23°28	22°39	4°25	11°57	M 4
T 5	14 50 17	14°24'11	9♓ 1	22°53	27°15	27°13	19°43	18°41	25°10	3°50	21° 5	23°29	22°36	4°32	12° 0	T 5
W 6	14 54 14	15°22'58	21°55	24°57	28°29	27°46	19°50	18°37	25° 8	3°51	21° 6	23°31	22°33	4°39	12° 4	W 6
T 7	14 58 10	16°21'43	5♈12	27° 0	29°43	28°19	19°56	18°33	25° 6	3°52	21° 6	23°32	22°30	4°46	12° 7	T 7
F 8	15 2 7	17°20'26	18°55	29° 1	0♉57	28°51	20° 2	18°30	25° 5	3°53	21° 7	23°R33	22°27	4°52	12°10	F 8
S 9	15 6 4	18°19'07	3♉ 2	0♊59	2°11	29°24	20° 7	18°26	25° 3	3°54	21° 8	23°33	22°24	4°59	12°13	S 9
S 10	15 10 0	19°17'47	17°30	2°56	3°25	29°57	20°13	18°22	25° 1	3°55	21° 9	23°31	22°20	5° 6	12°16	S 10
M11	15 13 57	20°16'24	2♊15	4°50	4°39	0♌30	20°18	18°18	24°59	3°55	21°10	23°29	22°17	5°12	12°19	M11
T 12	15 17 53	21°15'00	17° 8	6°41	5°53	1° 3	20°23	18°15	24°57	3°56	21°10	23°25	22°14	5°19	12°22	T 12
W13	15 21 50	22°13'34	2♋ 1	8°29	7° 7	1°36	20°28	18°11	24°55	3°57	21°11	23°21	22°11	5°26	12°25	W13
T 14	15 25 46	23°12'06	16°46	10°13	8°21	2°10	20°33	18° 8	24°53	3°58	21°12	23°17	22° 8	5°33	12°28	T 14
F 15	15 29 43	24°10'36	1♌18	11°54	9°34	2°43	20°38	18° 4	24°51	3°59	21°13	23°14	22° 5	5°39	12°31	F 15
S 16	15 33 40	25° 9'04	15°31	13°31	10°48	3°16	20°43	18° 1	24°49	3°59	21°14	23°13	22° 1	5°46	12°34	S 16
S 17	15 37 36	26° 7'29	29°24	15° 3	12° 2	3°50	20°47	17°58	24°47	4° 0	21°15	23°D12	21°58	5°53	12°36	S 17
M18	15 41 33	27° 5'52	12♍57	16°32	13°16	4°23	20°51	17°55	24°45	4° 1	21°16	23°13	21°55	5°59	12°39	M18
T 19	15 45 29	28° 4'14	26°11	17°57	14°30	4°57	20°55	17°52	24°43	4° 1	21°17	23°15	21°52	6° 6	12°42	T 19
W20	15 49 26	29° 2'33	9♎ 8	19°17	15°44	5°30	20°59	17°49	24°41	4° 2	21°18	23°16	21°49	6°13	12°45	W20
T 21	15 53 22	0♊ 0'50	21°51	20°33	16°58	6° 4	21° 3	17°46	24°39	4° 2	21°19	23°R17	21°45	6°20	12°47	T 21
F 22	15 57 19	0°59'05	4♏21	21°45	18°11	6°38	21° 6	17°43	24°36	4° 3	21°19	23°16	21°42	6°26	12°50	F 22
S 23	16 1 15	1°57'19	16°42	22°51	19°25	7°12	21°10	17°40	24°34	4° 3	21°21	23°14	21°39	6°33	12°53	S 23
S 24	16 5 12	2°55'31	28°54	23°54	20°39	7°45	21°13	17°38	24°32	4° 4	21°22	23°10	21°36	6°40	12°55	S 24
M25	16 9 9	3°53'41	10♐58	24°51	21°53	8°19	21°16	17°35	24°30	4° 4	21°23	23° 3	21°33	6°46	12°58	M25
T 26	16 13 5	4°51'50	22°57	25°44	23° 7	8°53	21°18	17°33	24°27	4° 5	21°24	22°56	21°30	6°53	13° 0	T 26
W27	16 17 2	5°49'57	4♑52	26°32	24°21	9°27	21°21	17°30	24°25	4° 5	21°25	22°48	21°26	7° 0	13° 3	W27
T 28	16 20 58	6°48'02	16°44	27°14	25°34	10° 1	21°23	17°28	24°23	4° 5	21°26	22°40	21°23	7° 7	13° 5	T 28
F 29	16 24 55	7°46'06	28°37	27°52	26°48	10°35	21°26	17°26	24°20	4° 6	21°27	22°33	21°20	7°13	13° 8	F 29
S 30	16 28 51	8°44'09	10♒32	28°25	28° 2	11° 9	21°28	17°24	24°18	4° 6	21°28	22°28	21°17	7°20	13°10	S 30
S 31	16 32 48	9♊42'10	22♒35	28♊53	29♉16	11♌44	21♒30	17♎22	24♐16	4♓ 6	21♋29	22♈24	21♈14	7♋27	13♈12	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14n52	26s58	5s15	15n57	0s 9	7n12	1s32	22n51	1n54	15s16	0s20	4s56	2n39	23s15	0s 2	10s16	0s13	17n34	4s 8	9n 4	8n49	28s 6	7n 2	2n37
S 2	15 11	24 37	5 12	16 44	0n 2	7 40	1 32	22 45	1 53	15 14	0 20	4 54	2 39	23 15	0 2	10 16	0 13	17 34	4 8	9 3	8 48	28 6	7 4	2 37
S 3	15 29	21 10	4 55	17 29	0 13	8 7	1 32	22 38	1 52	15 12	0 20	4 53	2 39	23 15	0 2	10 15	0 13	17 34	4 8	9 3	8 47	28 6	7 5	2 37
M 4	15 46	16 46	4 25	18 13	0 24	8 34	1 31	22 31	1 52	15 10	0 21	4 51	2 39	23 15	0 2	10 15	0 13	17 34	4 8	9 4	8 46	28 6	7 6	2 37
T 5	16 4	11 33	3 41	18 56	0 34	9 1	1 31	22 24	1 51	15 8	0 21	4 50	2 39	23 15	0 2	10 15	0 13	17 34	4 8	9 4	8 45	28 6	7 7	2 37
W 6	16 21	5 44	2 45	19 37	0 45	9 27	1 31	22 17	1 50	15 7	0 21	4 48	2 38	23 15	0 2	10 14	0 13	17 34	4 8	9 5	8 43	28 6	7 9	2 37
T 7	16 38	0n32	1 39	20 16	0 56	9 54	1 30	22 10	1 50	15 5	0 21	4 47	2 38	23 15	0 3	10 14	0 13	17 34	4 7	9 5	8 42	28 6	7 10	2 37
F 8	16 54	6 58	0 26	20 54	1 6	10 20	1 29	22 2	1 49	15 3	0 21	4 46	2 38	23 15	0 3	10 13	0 13	17 34	4 7	9 5	8 41	28 6	7 11	2 37
S 9	17 11	13 15	0n52	21 29	1 17	10 46	1 29	21 55	1 48	15 2	0 21	4 44	2 38	23 15	0 3	10 13	0 13	17 34	4 7	9 5	8 40	28 6	7 12	2 37
S 10	17 27	19 0	2 8	22 2	1 26	11 12	1 28	21 47	1 48	15 0	0 22	4 43	2 38	23 14	0 3	10 13	0 13	17 34	4 7	9 5	8 39	28 6	7 14	2 37
M11	17 42	23 41	3 16	22 32	1 36	11 37	1 27	21 40	1 47	14 58	0 22	4 42	2 38	23 14	0 3	10 13	0 13	17 34	4 7	9 4	8 37	28 6	7 15	2 37
T 12	17 58	26 52	4 12	23 1	1 45	12 3	1 26	21 32	1 46	14 57	0 22	4 41	2 38	23 14	0 3	10 12	0 13	17 34	4 7	9 2	8 36	28 6	7 16	2 37
W13	18 13	28 8	4 51	23 26	1 53	12 27	1 25	21 24	1 46	14 56	0 22	4 40	2 38	23 14	0 3	10 12	0 13	17 34	4 7	9 1	8 35	28 6	7 17	2 37
T 14	18 28	27 23	5 11	23 50	2 0	12 52	1 24	21 16	1 45	14 54	0 22	4 38	2 37	23 14	0 3	10 12	0 13	17 34	4 6	9 0	8 34	28 6	7 18	2 37
F 15	18 42	24 47	5 9	24 11	2 7	13 16	1 23	21 8	1 44	14 53	0 22	4 37	2 37	23 14	0 3	10 11	0 13	17 34	4 6	8 59	8 33	28 6	7 19	2 37
S 16	18 56	20 41	4 49	24 29	2 13	13 40	1 22	20 59	1 44	14 52	0 23	4 36	2 37	23 14	0 3	10 11	0 13	17 34	4 6	8 58	8 32	28 6	7 21	2 37
S 17	19 10	15 33	4 12	24 45	2 19	14 4	1 21	20 51	1 43	14 50	0 23	4 35	2 37	23 14	0 3	10 11	0 13	17 34	4 6	8 58	8 30	28 6	7 22	2 37
M18	19 23	9 47	3 22	24 59	2 23	14 27	1 20	20 42	1 43	14 49	0 23	4 34	2 37	23 14	0 3	10 11	0 13	17 34	4 6	8 58	8 29	28 6	7 23	2 37
T 19	19 36	3 41	2 22	25 11	2 27	14 50	1 18	20 34	1 42	14 48	0 23	4 33	2 37	23 14	0 3	10 11	0 13	17 34	4 6	8 59	8 28	28 6	7 24	2 37
W20	19 49	2s26	1 16	25 20	2 29	15 13	1 17	20 25	1 41	14 47	0 23	4 32	2 36	23 14	0 3	10 10	0 13	17 34	4 6	8 59	8 27	28 6	7 25	2 37
T 21	20 2	8 20	0 8	25 28	2 31	15 35	1 16	20 16	1 41	14 46	0 24	4 31	2 36	23 14	0 3	10 10	0 13	17 34	4 6	8 59	8 26	28 6	7 26	2 37
F 22	20 14	13 50	1s 0	25 33	2 32	15 57	1 14	20 7	1 40	14 45	0 24	4 30	2 36	23 14	0 3	10 10	0 13	17 34	4 5	8 59	8 25	28 6	7 27	2 37
S 23	20 25	18 42	2 4	25 37	2 31	16 18	1 13	19 58	1 39	14 44	0 24	4 29	2 36	23 14	0 3	10 10	0 13	17 34	4 5	8 58	8 23	28 6	7 28	2 37
S 24	20 37	22 44	3 1	25 39	2 30	16 40	1 11	19 48	1 39	14 43	0 24	4 29	2 36	23 13	0 3	10 10	0 13	17 34	4 5	8 57	8 22	28 5	7 29	2 37
M25	20 48	25 44	3 49	25 39	2 28	17 0	1 10	19 39	1 38	14 43	0 24	4 28	2 36	23 13	0 3	10 10	0 13	17 34	4 5	8 55	8 21	28 5	7 30	2 37
T 26	20 59	27 33	4 27	25 37	2 24	17 20	1 8	19 30	1 38	14 42	0 25	4 27	2 35	23 13	0 3	10 9	0 13	17 34	4 5	8 52	8 20	28 5	7 31	2 37
W27	21 9	28 5	4 53	25 34	2 20	17 40	1 6	19 20	1 37	14 41	0 25	4 26	2 35	23 13	0 3	10 9	0 13	17 34	4 5	8 49	8 19	28 5	7 32	2 37
T 28	21 19	27 19	5 6	25 30	2 14	17 59	1 5	19 10	1 36	14 41	0 25	4 26	2 35	23 13	0 3	10 9	0 13	17 34	4 5	8 46	8 17	28 5	7 33	2 37
F 29	21 28	25 18	5 6	25 24	2 8	18 18	1 3	19 0	1 36	14 40	0 25	4 25	2 35	23 13	0 3	10 9	0 13	17 34	4 5	8 43	8 16	28 5	7 34	2 37
S 30	21 37	22 11	4 53	25 17	2 0	18 36	1 1	18 51	1 35	14 40	0 25	4 24	2 35	23 13	0 3	10 9	0 13	17 34	4 4	8 41	8 15	28 5	7 35	2 37
S 31	21n46	18s 6	4s27	25n 8	1n51	18n54	0s59	18n41	1n34	14s39	0s25	4s24	2n34	23s13	0s 3	10s 9	0s13	17n34	4s 4	8n40	8n14	28s 4	7n36	2n37

Julian Day Number = 2874980.5, Delta T = 01h13m30s
Ecliptic obliquity = 23°17'30, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°58'31, Lahiri = 40°05'32

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ASTRODIENST EPHEMERIS for the year 3159
geocentric

JUNE 3159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 36 44	10♊40'11	4♓48	29♊16	0♊30	12♌18	21♒31	17°R20	24°R13	4♓ 6	21♋30	22°R22	21♈11	7♉33	13♈15	M 1
T 2	16 40 41	11°38'09	17°17	29°34	1°43	12°52	21°33	17♎18	24♐11	4° 6	21°31	22°D22	21° 7	7°40	13°17	T 2
W 3	16 44 38	12°36'07	0♈ 6	29°47	2°57	13°27	21°34	17°17	24° 8	4° 6	21°33	22♈23	21° 4	7°47	13°19	W 3
T 4	16 48 34	13°34'03	13°19	29°55	4°11	14° 1	21°35	17°15	24° 6	4° 7	21°34	22°24	21° 1	7°54	13°21	T 4
F 5	16 52 31	14°31'58	27° 0	29°R58	5°25	14°35	21°36	17°13	24° 4	4° 7	21°35	22°R24	20°58	8° 0	13°23	F 5
S 6	16 56 27	15°29'52	11♉ 8	29°56	6°38	15°10	21°37	17°12	24° 1	4°R 7	21°36	22°23	20°55	8° 7	13°26	S 6
S 7	17 0 24	16°27'45	25°43	29°50	7°52	15°45	21°37	17°11	23°59	4° 7	21°38	22°19	20°51	8°14	13°28	S 7
M 8	17 4 20	17°25'37	10♊40	29°39	9° 6	16°19	21°38	17° 9	23°56	4° 7	21°39	22°13	20°48	8°21	13°30	M 8
T 9	17 8 17	18°23'27	25°50	29°24	10°20	16°54	21°R38	17° 8	23°54	4° 7	21°40	22° 6	20°45	8°27	13°32	T 9
W10	17 12 13	19°21'16	11♋ 4	29° 5	11°33	17°29	21°38	17° 7	23°51	4° 6	21°41	21°57	20°42	8°34	13°33	W10
T 11	17 16 10	20°19'03	26°10	28°42	12°47	18° 3	21°38	17° 6	23°49	4° 6	21°43	21°49	20°39	8°41	13°35	T 11
F 12	17 20 7	21°16'49	10♌59	28°17	14° 1	18°38	21°37	17° 6	23°46	4° 6	21°44	21°42	20°36	8°47	13°37	F 12
S 13	17 24 3	22°14'34	25°25	27°48	15°15	19°13	21°37	17° 5	23°44	4° 6	21°45	21°37	20°32	8°54	13°39	S 13
S 14	17 28 0	23°12'17	9♍25	27°18	16°29	19°48	21°36	17° 4	23°41	4° 6	21°46	21°34	20°29	9° 1	13°41	S 14
M15	17 31 56	24° 9'58	22°59	26°45	17°42	20°23	21°35	17° 4	23°39	4° 5	21°48	21°D33	20°26	9° 8	13°42	M15
T 16	17 35 53	25° 7'37	6♎ 8	26°12	18°56	20°58	21°34	17° 3	23°36	4° 5	21°49	21°34	20°23	9°14	13°44	T 16
W17	17 39 49	26° 5'16	18°56	25°38	20°10	21°33	21°32	17° 3	23°34	4° 5	21°50	21°R34	20°20	9°21	13°45	W17
T 18	17 43 46	27° 2'53	1♏27	25° 5	21°23	22° 8	21°31	17° 3	23°31	4° 4	21°52	21°34	20°17	9°28	13°47	T 18
F 19	17 47 42	28° 0'28	13°45	24°32	22°37	22°43	21°29	17°D 3	23°29	4° 4	21°53	21°32	20°13	9°34	13°48	F 19
S 20	17 51 39	28°58'03	25°54	24° 0	23°51	23°18	21°27	17° 3	23°26	4° 4	21°55	21°27	20°10	9°41	13°50	S 20
S 21	17 55 36	29°55'36	7♐55	23°30	25° 5	23°53	21°25	17° 3	23°24	4° 3	21°56	21°19	20° 7	9°48	13°51	S 21
M22	17 59 32	0♋53'08	19°52	23° 2	26°18	24°28	21°23	17° 3	23°21	4° 3	21°57	21° 9	20° 4	9°55	13°53	M22
T 23	18 3 29	1°50'39	1♑46	22°37	27°32	25° 4	21°20	17° 4	23°19	4° 2	21°59	20°58	20° 1	10° 1	13°54	T 23
W24	18 7 25	2°48'09	13°39	22°15	28°46	25°39	21°17	17° 4	23°16	4° 2	22° 0	20°45	19°57	10° 8	13°55	W24
T 25	18 11 22	3°45'38	25°32	21°57	29°59	26°14	21°15	17° 4	23°14	4° 1	22° 2	20°32	19°54	10°15	13°56	T 25
F 26	18 15 18	4°43'07	7♒26	21°42	1♋13	26°49	21°12	17° 5	23°12	4° 0	22° 3	20°20	19°51	10°22	13°57	F 26
S 27	18 19 15	5°40'34	19°25	21°31	2°27	27°25	21° 8	17° 6	23° 9	4° 0	22° 4	20°11	19°48	10°28	13°59	S 27
S 28	18 23 12	6°38'01	1♓29	21°25	3°41	28° 0	21° 5	17° 7	23° 7	3°59	22° 6	20° 3	19°45	10°35	14° 0	S 28
M29	18 27 8	7°35'27	13°44	21°D23	4°54	28°36	21° 1	17° 8	23° 4	3°58	22° 7	19°59	19°42	10°42	14° 1	M29
T 30	18 31 5	8♋32'53	26♓12	21♊25	6♋ 8	29♌11	20♒58	17♎ 9	23♐ 2	3♓58	22♋ 9	19♈57	19♈38	10♉48	14♈ 1	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n54	13s14	3s48	24n59	1n41	19n12	0s57	18n30	1n34	14s39	0s26	4s23	2n34	23s13	0s 3	10s 9	0s13	17n34	4s 4	8n39	8n13	28s 4	7n37	2n37
T 2	22 2	7 43	2 57	24 48	1 30	19 29	0 55	18 20	1 33	14 39	0 26	4 23	2 34	23 13	0 3	10 9	0 13	17 34	4 4	8 39	8 12	28 4	7 38	2 37
W 3	22 10	1 45	1 57	24 36	1 19	19 45	0 53	18 10	1 33	14 38	0 26	4 22	2 34	23 13	0 3	10 9	0 13	17 34	4 4	8 40	8 10	28 4	7 39	2 38
T 4	22 17	4n29	0 49	24 23	1 6	20 1	0 51	17 59	1 32	14 38	0 26	4 22	2 33	23 12	0 3	10 9	0 13	17 34	4 4	8 40	8 9	28 4	7 40	2 38
F 5	22 24	10 43	0n25	24 10	0 52	20 16	0 49	17 49	1 31	14 38	0 26	4 22	2 33	23 12	0 3	10 9	0 13	17 34	4 4	8 40	8 8	28 3	7 41	2 38
S 6	22 30	16 39	1 39	23 55	0 38	20 31	0 47	17 38	1 31	14 38	0 27	4 21	2 33	23 12	0 3	10 9	0 13	17 33	4 4	8 40	8 7	28 3	7 41	2 38
S 7	22 36	21 48	2 49	23 40	0 22	20 45	0 45	17 27	1 30	14 38	0 27	4 21	2 33	23 12	0 3	10 9	0 13	17 33	4 4	8 38	8 6	28 3	7 42	2 38
M 8	22 42	25 41	3 49	23 24	0 6	20 58	0 43	17 16	1 30	14 38	0 27	4 21	2 33	23 12	0 3	10 9	0 13	17 33	4 3	8 36	8 4	28 3	7 43	2 38
T 9	22 47	27 47	4 34	23 7	0s11	21 11	0 41	17 5	1 29	14 38	0 27	4 21	2 32	23 12	0 3	10 9	0 13	17 33	4 3	8 33	8 3	28 2	7 44	2 38
W10	22 52	27 48	4 59	22 50	0 28	21 24	0 39	16 54	1 28	14 38	0 27	4 20	2 32	23 12	0 3	10 9	0 13	17 33	4 3	8 30	8 2	28 2	7 45	2 38
T 11	22 56	25 45	5 4	22 32	0 45	21 35	0 36	16 43	1 28	14 39	0 28	4 20	2 32	23 12	0 3	10 9	0 13	17 33	4 3	8 27	8 1	28 2	7 45	2 38
F 12	23 0	21 59	4 48	22 14	1 3	21 47	0 34	16 32	1 27	14 39	0 28	4 20	2 32	23 12	0 3	10 9	0 13	17 33	4 3	8 24	8 0	28 2	7 46	2 38
S 13	23 4	16 57	4 14	21 56	1 21	21 57	0 32	16 20	1 27	14 39	0 28	4 20	2 31	23 12	0 3	10 9	0 13	17 33	4 3	8 23	7 58	28 1	7 47	2 38
S 14	23 7	11 10	3 25	21 38	1 38	22 7	0 30	16 9	1 26	14 40	0 28	4 20	2 31	23 11	0 3	10 9	0 13	17 33	4 3	8 22	7 57	28 1	7 48	2 38
M15	23 10	5 1	2 26	21 20	1 56	22 16	0 27	15 57	1 25	14 40	0 28	4 20	2 31	23 11	0 3	10 10	0 13	17 33	4 3	8 21	7 56	28 1	7 48	2 38
T 16	23 12	1s10	1 21	21 2	2 13	22 25	0 25	15 46	1 25	14 41	0 29	4 20	2 31	23 11	0 3	10 10	0 13	17 33	4 3	8 21	7 55	28 1	7 49	2 38
W17	23 14	7 9	0 14	20 44	2 29	22 33	0 23	15 34	1 24	14 42	0 29	4 20	2 31	23 11	0 3	10 10	0 14	17 32	4 3	8 22	7 54	28 0	7 50	2 38
T 18	23 16	12 44	0s52	20 28	2 45	22 41	0 20	15 22	1 24	14 42	0 29	4 20	2 30	23 11	0 3	10 10	0 14	17 32	4 2	8 21	7 53	28 0	7 50	2 38
F 19	23 17	17 42	1 55	20 12	2 59	22 47	0 18	15 10	1 23	14 43	0 29	4 21	2 30	23 11	0 3	10 10	0 14	17 32	4 2	8 21	7 51	28 0	7 51	2 39
S 20	23 17	21 53	2 52	19 56	3 13	22 53	0 16	14 58	1 22	14 44	0 29	4 21	2 30	23 11	0 3	10 10	0 14	17 32	4 2	8 19	7 50	27 59	7 52	2 39
S 21	23 17	25 7	3 40	19 42	3 26	22 59	0 13	14 46	1 22	14 45	0 30	4 21	2 30	23 11	0 3	10 10	0 14	17 32	4 2	8 16	7 49	27 59	7 52	2 39
M22	23 17	27 11	4 18	19 29	3 37	23 4	0 11	14 34	1 21	14 46	0 30	4 21	2 29	23 11	0 3	10 11	0 14	17 32	4 2	8 12	7 48	27 58	7 53	2 39
T 23	23 17	28 1	4 44	19 18	3 48	23 8	0 8	14 21	1 21	14 47	0 30	4 22	2 29	23 10	0 3	10 11	0 14	17 32	4 2	8 8	7 47	27 58	7 53	2 39
W24	23 16	27 33	4 58	19 8	3 57	23 11	0 6	14 9	1 20	14 48	0 30	4 22	2 29	23 10	0 3	10 11	0 14	17 32	4 2	8 3	7 45	27 58	7 54	2 39
T 25	23 14	25 49	5 0	18 59	4 4	23 14	0 4	13 56	1 19	14 49	0 30	4 23	2 29	23 10	0 3	10 11	0 14	17 31	4 2	7 58	7 44	27 57	7 54	2 39
F 26	23 12	22 56	4 48	18 52	4 11	23 16	0 1	13 44	1 19	14 50	0 31	4 23	2 28	23 10	0 3	10 12	0 14	17 31	4 2	7 54	7 43	27 57	7 55	2 39
S 27	23 10	19 4	4 23	18 46	4 16	23 17	0n 1	13 31	1 18	14 51	0 31	4 23	2 28	23 10	0 3	10 12	0 14	17 31	4 2	7 50	7 42	27 57	7 55	2 39
S 28	23 8	14 24	3 46	18 42	4 20	23 18	0 3	13 19	1 18	14 52	0 31	4 24	2 28	23 10	0 3	10 12	0 14	17 31	4 2	7 48	7 41	27 56	7 56	2 39
M29	23 5	9 7	2 59	18 39	4 22	23 18	0 6	13 6	1 17	14 54	0 31	4 25	2 28	23 10	0 3	10 12	0 14	17 31	4 1	7 46	7 39	27 56	7 56	2 39
T 30	23n 1	3s22	2s 2	18n38	4s23	23n17	0n 8	12n53	1n17	14s55	0s31	4s25	2n27	23s10	0s 3	10s13	0s14	17n31	4s 1	7n45	7n38	27s55	7n57	2n39

Julian Day Number = 2875011.5, Delta T = 01h13m31s
Ecliptic obliquity = 23°17'30, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°58'36, Lahiri = 40°05'36

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ASTRODIENST EPHEMERIS for the year 3159
geocentric

JULY 3159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 35 1	9♋30'18	8♈57	21♊32	7♋22	29♌47	20°R54	17♎10	23°R 0	3°R57	22♋10	19°D56	19♈35	10♑55	14♈ 2	W 1
T 2	18 38 58	10°27'42	22° 5	21°43	8°36	0♍22	20♒50	17°11	22♐57	3♓56	22°12	19°R56	19°32	11° 2	14° 3	T 2
F 3	18 42 54	11°25'06	5♉39	21°59	9°49	0°58	20°46	17°12	22°55	3°55	22°13	19♈56	19°29	11° 9	14° 4	F 3
S 4	18 46 51	12°22'30	19°40	22°20	11° 3	1°34	20°41	17°14	22°53	3°54	22°14	19°53	19°26	11°15	14° 5	S 4
S 5	18 50 47	13°19'54	4♊10	22°45	12°17	2° 9	20°37	17°15	22°50	3°54	22°16	19°49	19°23	11°22	14° 5	S 5
M 6	18 54 44	14°17'17	19° 4	23°14	13°31	2°45	20°32	17°17	22°48	3°53	22°17	19°41	19°19	11°29	14° 6	M 6
T 7	18 58 41	15°14'40	4♋15	23°48	14°44	3°21	20°27	17°19	22°46	3°52	22°19	19°32	19°16	11°35	14° 7	T 7
W 8	19 2 37	16°12'02	19°34	24°26	15°58	3°57	20°22	17°20	22°44	3°51	22°20	19°21	19°13	11°42	14° 7	W 8
T 9	19 6 34	17° 9'23	4♌50	25° 9	17°12	4°33	20°17	17°22	22°41	3°50	22°22	19°10	19°10	11°49	14° 8	T 9
F 10	19 10 30	18° 6'44	19°50	25°55	18°26	5° 8	20°11	17°24	22°39	3°49	22°23	19° 1	19° 7	11°56	14° 8	F 10
S 11	19 14 27	19° 4'04	4♍27	26°46	19°39	5°44	20° 6	17°27	22°37	3°48	22°25	18°54	19° 3	12° 2	14° 8	S 11
S 12	19 18 23	20° 1'24	18°36	27°41	20°53	6°20	20° 0	17°29	22°35	3°47	22°26	18°50	19° 0	12° 9	14° 9	S 12
M13	19 22 20	20°58'43	2♎16	28°40	22° 7	6°56	19°55	17°31	22°33	3°46	22°28	18°48	18°57	12°16	14° 9	M13
T 14	19 26 16	21°56'01	15°28	29°42	23°21	7°32	19°49	17°34	22°31	3°45	22°29	18°47	18°54	12°23	14° 9	T 14
W15	19 30 13	22°53'18	28°16	0♋49	24°34	8° 8	19°43	17°36	22°29	3°44	22°31	18°47	18°51	12°29	14° 9	W15
T 16	19 34 10	23°50'35	10♏44	1°59	25°48	8°44	19°37	17°39	22°27	3°42	22°32	18°46	18°48	12°36	14° 9	T 16
F 17	19 38 6	24°47'51	22°57	3°13	27° 2	9°21	19°30	17°41	22°25	3°41	22°34	18°44	18°44	12°43	14°R 9	F 17
S 18	19 42 3	25°45'07	5♐ 0	4°31	28°16	9°57	19°24	17°44	22°23	3°40	22°35	18°39	18°41	12°49	14° 9	S 18
S 19	19 45 59	26°42'23	16°56	5°53	29°29	10°33	19°17	17°47	22°21	3°39	22°37	18°31	18°38	12°56	14° 9	S 19
M20	19 49 56	27°39'38	28°49	7°18	0♌43	11° 9	19°11	17°50	22°19	3°38	22°38	18°21	18°35	13° 3	14° 9	M20
T 21	19 53 52	28°36'52	10♑41	8°47	1°57	11°45	19° 4	17°53	22°17	3°36	22°40	18° 9	18°32	13°10	14° 9	T 21
W22	19 57 49	29°34'07	22°34	10°19	3°11	12°22	18°57	17°56	22°15	3°35	22°41	17°55	18°29	13°16	14° 9	W22
T 23	20 1 46	0♌31'21	4♒30	11°55	4°25	12°58	18°50	17°59	22°13	3°34	22°42	17°42	18°25	13°23	14° 8	T 23
F 24	20 5 42	1°28'36	16°30	13°34	5°38	13°34	18°43	18° 3	22°12	3°33	22°44	17°30	18°22	13°30	14° 8	F 24
S 25	20 9 39	2°25'50	28°35	15°16	6°52	14°11	18°36	18° 6	22°10	3°31	22°45	17°20	18°19	13°36	14° 8	S 25
S 26	20 13 35	3°23'04	10♓48	17° 2	8° 6	14°47	18°29	18°10	22° 8	3°30	22°47	17°12	18°16	13°43	14° 7	S 26
M27	20 17 32	4°20'19	23° 9	18°51	9°20	15°24	18°22	18°13	22° 7	3°29	22°48	17° 7	18°13	13°50	14° 7	M27
T 28	20 21 28	5°17'34	5♈43	20°43	10°34	16° 0	18°15	18°17	22° 5	3°27	22°50	17° 5	18° 9	13°57	14° 6	T 28
W29	20 25 25	6°14'49	18°32	22°38	11°47	16°37	18° 7	18°21	22° 3	3°26	22°51	17°D 5	18° 6	14° 3	14° 6	W29
T 30	20 29 21	7°12'04	1♉39	24°35	13° 1	17°13	18° 0	18°25	22° 2	3°24	22°53	17°R 5	18° 3	14°10	14° 5	T 30
F 31	20 33 18	8♌ 9'20	15♉ 8	26♋35	14♌15	17♍50	17♒52	18♎28	22♐ 0	3♓23	22♋54	17♈ 5	18♈ 0	14♑17	14♈ 4	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n57	2n39	0s58	18n39	4s23	23n16	0n11	12n40	1n16	14s56	0s32	4s26	2n27	23s10	0s 3	10s13	0s14	17n31	4s 1	7n45	7n37	27s55	7n57	2n39
T 2	22 53	8 43	0n11	18 40	4 22	23 14	0 13	12 27	1 15	14 58	0 32	4 27	2 27	23 9	0 3	10 13	0 14	17 30	4 1	7 45	7 36	27 54	7 58	2 39
F 3	22 48	14 37	1 22	18 43	4 20	23 11	0 15	12 14	1 15	14 59	0 32	4 27	2 27	23 9	0 3	10 13	0 14	17 30	4 1	7 45	7 35	27 54	7 58	2 40
S 4	22 43	19 57	2 30	18 48	4 17	23 8	0 18	12 1	1 14	15 1	0 32	4 28	2 26	23 9	0 3	10 14	0 14	17 30	4 1	7 44	7 33	27 54	7 58	2 40
S 5	22 38	24 18	3 31	18 53	4 13	23 4	0 20	11 47	1 14	15 3	0 32	4 29	2 26	23 9	0 3	10 14	0 14	17 30	4 1	7 42	7 32	27 53	7 59	2 40
M 6	22 32	27 9	4 19	19 0	4 8	22 59	0 22	11 34	1 13	15 4	0 33	4 30	2 26	23 9	0 3	10 14	0 14	17 30	4 1	7 39	7 31	27 53	7 59	2 40
T 7	22 26	28 3	4 50	19 7	4 2	22 53	0 25	11 21	1 12	15 6	0 33	4 31	2 26	23 9	0 3	10 15	0 14	17 30	4 1	7 36	7 30	27 52	7 59	2 40
W 8	22 19	26 49	5 0	19 16	3 55	22 47	0 27	11 7	1 12	15 8	0 33	4 31	2 26	23 9	0 3	10 15	0 14	17 29	4 1	7 32	7 29	27 52	8 0	2 40
T 9	22 12	23 37	4 49	19 25	3 47	22 41	0 29	10 54	1 11	15 10	0 33	4 32	2 25	23 9	0 3	10 15	0 14	17 29	4 1	7 28	7 27	27 51	8 0	2 40
F 10	22 4	18 52	4 18	19 35	3 39	22 33	0 31	10 40	1 11	15 12	0 33	4 33	2 25	23 9	0 3	10 16	0 14	17 29	4 1	7 24	7 26	27 51	8 0	2 40
S 11	21 57	13 6	3 31	19 45	3 30	22 25	0 34	10 26	1 10	15 13	0 34	4 34	2 25	23 8	0 3	10 16	0 14	17 29	4 1	7 22	7 25	27 50	8 0	2 40
S 12	21 49	6 49	2 32	19 55	3 21	22 16	0 36	10 13	1 10	15 15	0 34	4 35	2 25	23 8	0 3	10 17	0 14	17 29	4 1	7 20	7 24	27 50	8 0	2 40
M13	21 40	0 25	1 26	20 6	3 11	22 7	0 38	9 59	1 9	15 17	0 34	4 37	2 24	23 8	0 3	10 17	0 14	17 29	4 1	7 19	7 23	27 49	8 1	2 40
T 14	21 31	5s47	0 18	20 17	3 1	21 57	0 40	9 45	1 8	15 19	0 34	4 38	2 24	23 8	0 3	10 17	0 14	17 28	4 1	7 19	7 22	27 49	8 1	2 40
W15	21 22	11 34	0s50	20 28	2 50	21 46	0 42	9 31	1 8	15 21	0 34	4 39	2 24	23 8	0 3	10 18	0 14	17 28	4 0	7 19	7 20	27 48	8 1	2 40
T 16	21 12	16 45	1 53	20 38	2 38	21 35	0 44	9 17	1 7	15 24	0 34	4 40	2 24	23 8	0 3	10 18	0 14	17 28	4 0	7 19	7 19	27 47	8 1	2 40
F 17	21 2	21 8	2 50	20 49	2 27	21 23	0 46	9 3	1 7	15 26	0 35	4 41	2 23	23 8	0 3	10 19	0 14	17 28	4 0	7 18	7 18	27 47	8 1	2 41
S 18	20 52	24 34	3 38	20 58	2 15	21 10	0 48	8 49	1 6	15 28	0 35	4 43	2 23	23 8	0 3	10 19	0 14	17 28	4 0	7 16	7 17	27 46	8 1	2 41
S 19	20 41	26 54	4 16	21 7	2 2	20 57	0 50	8 35	1 6	15 30	0 35	4 44	2 23	23 8	0 3	10 20	0 14	17 27	4 0	7 13	7 16	27 46	8 1	2 41
M20	20 30	28 0	4 43	21 16	1 50	20 43	0 52	8 21	1 5	15 32	0 35	4 45	2 23	23 7	0 3	10 20	0 14	17 27	4 0	7 9	7 14	27 45	8 1	2 41
T 21	20 19	27 48	4 57	21 23	1 37	20 29	0 54	8 6	1 4	15 34	0 35	4 47	2 23	23 7	0 3	10 21	0 14	17 27	4 0	7 4	7 13	27 45	8 1	2 41
W22	20 7	26 20	4 59	21 29	1 25	20 14	0 56	7 52	1 4	15 37	0 36	4 48	2 22	23 7	0 3	10 21	0 14	17 27	4 0	6 59	7 12	27 44	8 1	2 41
T 23	19 55	23 40	4 47	21 34	1 12	19 58	0 58	7 38	1 3	15 39	0 36	4 49	2 22	23 7	0 3	10 21	0 14	17 27	4 0	6 54	7 11	27 43	8 1	2 41
F 24	19 42	19 58	4 23	21 37	0 59	19 42	0 59	7 23	1 3	15 41	0 36	4 51	2 22	23 7	0 3	10 22	0 14	17 26	4 0	6 50	7 10	27 43	8 1	2 41
S 25	19 30	15 26	3 47	21 39	0 46	19 26	1 1	7 9	1 2	15 44	0 36	4 52	2 22	23 7	0 3	10 22	0 14	17 26	4 0	6 46	7 8	27 42	8 1	2 41
S 26	19 17	10 15	2 59	21 39	0 34	19 9	1 3	6 54	1 2	15 46	0 36	4 54	2 21	23 7	0 3	10 23	0 14	17 26	4 0	6 43	7 7	27 41	8 1	2 41
M27	19 3	4 35	2 3	21 37	0 22	18 51	1 4	6 40	1 1	15 48	0 36	4 55	2 21	23 7	0 3	10 23	0 14	17 26	4 0	6 41	7 6	27 41	8 1	2 41
T 28	18 50	1n20	1 0	21 33	0 9	18 33	1 6	6 25	1 1	15 51	0 37	4 57	2 21	23 7	0 3	10 24	0 14	17 26	4 0	6 40	7 5	27 40	8 1	2 41
W29	18 36	7 20	0n 8	21 27	0n 2	18 14	1 8	6 11	1 0	15 53	0 37	4 59	2 21	23 7	0 3	10 24	0 14	17 25	4 0	6 40	7 3	27 40	8 0	2 41
T 30	18 21	13 10	1 17	21 18	0 14	17 55	1 9	5 56	0 59	15 56	0 37	5 0	2 21	23 7	0 3	10 25	0 14	17 25	4 0	6 40	7 2	27 39	8 0	2 41
F 31	18n 7	18n33	2n23	21n 7	0n25	17n35	1n11	5n41	0n59	15s58	0s37	5s 2	2n20	23s 7	0s 3	10s26	0s14	17n25	4s 0	6n40	7n 1	27s38	8n 0	2n42

Julian Day Number = 2875041.5, Delta T = 01h13m31s
Ecliptic obliquity = 23°17'30, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°58'40, Lahiri = 40°05'40

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ASTRODIENST EPHEMERIS for the year 3159
geocentric

AUGUST 3159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 37 15	9♌ 6'37	29♉ 1	28♋36	15♌29	18♍26	17°R45	18♎32	21°R59	3°R22	22♋55	17°R 3	17♈57	14♑24	14°R 4	S 1
S 2	20 41 11	10° 3'54	13♊19	0♌40	16°43	19° 3	17♒37	18°37	21♐58	3♓20	22°57	17♈ 0	17°54	14°30	14♈ 3	S 2
M 3	20 45 8	11° 1'12	27°59	2°45	17°56	19°40	17°29	18°41	21°56	3°19	22°58	16°54	17°50	14°37	14° 2	M 3
T 4	20 49 4	11°58'30	12♋58	4°52	19°10	20°16	17°22	18°45	21°55	3°17	23° 0	16°46	17°47	14°44	14° 1	T 4
W 5	20 53 1	12°55'48	28° 6	6°59	20°24	20°53	17°14	18°49	21°54	3°16	23° 1	16°37	17°44	14°50	14° 0	W 5
T 6	20 56 57	13°53'07	13♌15	9° 7	21°38	21°30	17° 6	18°54	21°52	3°14	23° 3	16°27	17°41	14°57	13°59	T 6
F 7	21 0 54	14°50'26	28°12	11°16	22°52	22° 7	16°59	18°58	21°51	3°13	23° 4	16°19	17°38	15° 4	13°58	F 7
S 8	21 4 50	15°47'46	12♍50	13°24	24° 6	22°44	16°51	19° 3	21°50	3°11	23° 5	16°13	17°35	15°11	13°57	S 8
S 9	21 8 47	16°45'05	27° 3	15°32	25°19	23°21	16°43	19° 7	21°49	3°10	23° 7	16° 9	17°31	15°17	13°56	S 9
M10	21 12 44	17°42'25	10♎48	17°40	26°33	23°58	16°35	19°12	21°48	3° 8	23° 8	16°D 8	17°28	15°24	13°55	M10
T 11	21 16 40	18°39'46	24° 5	19°47	27°47	24°35	16°27	19°17	21°47	3° 6	23° 9	16° 8	17°25	15°31	13°54	T 11
W12	21 20 37	19°37'06	6♏57	21°53	29° 1	25°12	16°20	19°22	21°46	3° 5	23°11	16° 9	17°22	15°38	13°52	W12
T 13	21 24 33	20°34'27	19°27	23°58	0♍15	25°49	16°12	19°27	21°45	3° 3	23°12	16°R 9	17°19	15°44	13°51	T 13
F 14	21 28 30	21°31'48	1♐41	26° 2	1°29	26°26	16° 4	19°32	21°44	3° 2	23°13	16° 9	17°15	15°51	13°50	F 14
S 15	21 32 26	22°29'09	13°44	28° 5	2°43	27° 3	15°57	19°37	21°43	3° 0	23°15	16° 6	17°12	15°58	13°48	S 15
S 16	21 36 23	23°26'31	25°39	0♍ 6	3°56	27°40	15°49	19°42	21°43	2°59	23°16	16° 2	17° 9	16° 4	13°47	S 16
M17	21 40 19	24°23'54	7♑31	2° 6	5°10	28°17	15°41	19°47	21°42	2°57	23°17	15°55	17° 6	16°11	13°45	M17
T 18	21 44 16	25°21'16	19°23	4° 4	6°24	28°54	15°34	19°52	21°41	2°55	23°19	15°47	17° 3	16°18	13°44	T 18
W19	21 48 13	26°18'40	1♒19	6° 0	7°38	29°32	15°26	19°58	21°41	2°54	23°20	15°38	17° 0	16°25	13°42	W19
T 20	21 52 9	27°16'04	13°21	7°56	8°52	0♎ 9	15°19	20° 3	21°40	2°52	23°21	15°29	16°56	16°31	13°40	T 20
F 21	21 56 6	28°13'28	25°29	9°49	10° 6	0°46	15°11	20° 8	21°40	2°50	23°23	15°21	16°53	16°38	13°39	F 21
S 22	22 0 2	29°10'54	7♓45	11°41	11°20	1°24	15° 4	20°14	21°39	2°49	23°24	15°14	16°50	16°45	13°37	S 22
S 23	22 3 59	0♍ 8'20	20°11	13°31	12°33	2° 1	14°57	20°19	21°39	2°47	23°25	15° 9	16°47	16°51	13°35	S 23
M24	22 7 55	1° 5'47	2♈47	15°19	13°47	2°38	14°50	20°25	21°38	2°46	23°26	15° 7	16°44	16°58	13°33	M24
T 25	22 11 52	2° 3'15	15°35	17° 6	15° 1	3°16	14°42	20°31	21°38	2°44	23°27	15°D 6	16°41	17° 5	13°32	T 25
W26	22 15 48	3° 0'45	28°35	18°52	16°15	3°53	14°35	20°37	21°38	2°42	23°29	15° 6	16°37	17°12	13°30	W26
T 27	22 19 45	3°58'15	11♉51	20°36	17°29	4°31	14°29	20°42	21°38	2°41	23°30	15° 8	16°34	17°18	13°28	T 27
F 28	22 23 42	4°55'47	25°23	22°18	18°43	5° 8	14°22	20°48	21°37	2°39	23°31	15° 9	16°31	17°25	13°26	F 28
S 29	22 27 38	5°53'21	9♊13	23°59	19°56	5°46	14°15	20°54	21°37	2°37	23°32	15°R 9	16°28	17°32	13°24	S 29
S 30	22 31 35	6°50'55	23°22	25°38	21°10	6°24	14° 8	21° 0	21°37	2°36	23°33	15° 8	16°25	17°39	13°22	S 30
M31	22 35 31	7♍48'31	7♋47	27♍15	22♍24	7♎ 1	14♒ 2	21♎ 6	21°D37	2♓34	23♋34	15♈ 5	16♈21	17♑45	13♈20	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n52	23n 7	3n23	20n53	0n35	17n15	1n12	5n26	0n58	16s 1	0s37	5s 4	2n20	23s 6	0s 3	10s26	0s14	17n25	4s 0	6n40	7n 0	27s37	8n 0	2n42
S 2	17 37	26 26	4 13	20 37	0 45	16 54	1 13	5 12	0 58	16 3	0 37	5 5	2 20	23 6	0 3	10 27	0 14	17 25	4 0	6 38	6 59	27 37	8 0	2 42
M 3	17 21	28 3	4 47	20 18	0 54	16 33	1 15	4 57	0 57	16 5	0 37	5 7	2 20	23 6	0 3	10 27	0 14	17 24	4 0	6 36	6 57	27 36	7 59	2 42
T 4	17 6	27 41	5 2	19 57	1 3	16 11	1 16	4 42	0 57	16 8	0 38	5 9	2 20	23 6	0 3	10 28	0 14	17 24	4 0	6 33	6 56	27 35	7 59	2 42
W 5	16 50	25 16	4 57	19 33	1 11	15 49	1 17	4 27	0 56	16 10	0 38	5 11	2 19	23 6	0 3	10 28	0 14	17 24	4 0	6 29	6 55	27 35	7 59	2 42
T 6	16 33	21 4	4 31	19 7	1 18	15 26	1 18	4 12	0 56	16 13	0 38	5 12	2 19	23 6	0 3	10 29	0 14	17 24	4 0	6 26	6 54	27 34	7 58	2 42
F 7	16 17	15 34	3 46	18 38	1 24	15 3	1 19	3 57	0 55	16 15	0 38	5 14	2 19	23 6	0 3	10 29	0 14	17 24	4 0	6 23	6 53	27 33	7 58	2 42
S 8	16 0	9 17	2 48	18 8	1 29	14 40	1 20	3 42	0 54	16 18	0 38	5 16	2 19	23 6	0 3	10 30	0 14	17 23	4 0	6 20	6 51	27 32	7 58	2 42
S 9	15 43	2 42	1 40	17 35	1 34	14 16	1 21	3 27	0 54	16 20	0 38	5 18	2 19	23 6	0 3	10 30	0 14	17 23	4 0	6 19	6 50	27 32	7 57	2 42
M10	15 26	3s49	0 28	17 0	1 38	13 52	1 22	3 12	0 53	16 23	0 38	5 20	2 18	23 6	0 3	10 31	0 14	17 23	4 0	6 18	6 49	27 31	7 57	2 42
T 11	15 8	9 57	0s42	16 24	1 41	13 28	1 23	2 57	0 53	16 25	0 38	5 22	2 18	23 6	0 3	10 32	0 14	17 23	4 0	6 18	6 48	27 30	7 56	2 42
W12	14 51	15 28	1 49	15 45	1 43	13 3	1 23	2 42	0 52	16 28	0 39	5 24	2 18	23 6	0 3	10 32	0 14	17 23	4 0	6 19	6 47	27 29	7 56	2 42
T 13	14 33	20 11	2 49	15 6	1 45	12 38	1 24	2 27	0 52	16 30	0 39	5 26	2 18	23 6	0 3	10 33	0 14	17 22	4 0	6 19	6 45	27 29	7 56	2 42
F 14	14 14	23 57	3 39	14 25	1 46	12 12	1 25	2 12	0 51	16 32	0 39	5 28	2 18	23 6	0 3	10 33	0 14	17 22	4 0	6 19	6 44	27 28	7 55	2 42
S 15	13 56	26 35	4 19	13 43	1 46	11 46	1 25	1 56	0 50	16 35	0 39	5 30	2 18	23 6	0 3	10 34	0 14	17 22	4 0	6 18	6 43	27 27	7 55	2 42
S 16	13 37	28 0	4 47	13 1	1 45	11 20	1 26	1 41	0 50	16 37	0 39	5 32	2 17	23 6	0 4	10 34	0 14	17 22	4 0	6 16	6 42	27 26	7 54	2 42
M17	13 18	28 7	5 3	12 17	1 44	10 54	1 26	1 26	0 49	16 39	0 39	5 34	2 17	23 6	0 4	10 35	0 14	17 22	4 0	6 14	6 41	27 25	7 53	2 42
T 18	12 59	26 56	5 5	11 33	1 42	10 27	1 27	1 11	0 49	16 42	0 39	5 36	2 17	23 5	0 4	10 36	0 14	17 21	4 0	6 11	6 39	27 25	7 53	2 43
W19	12 40	24 32	4 55	10 48	1 40	10 0	1 27	0 56	0 48	16 44	0 39	5 39	2 17	23 5	0 4	10 36	0 14	17 21	4 0	6 7	6 38	27 24	7 52	2 43
T 20	12 21	21 2	4 31	10 2	1 37	9 33	1 27	0 40	0 48	16 46	0 39	5 41	2 17	23 5	0 4	10 37	0 14	17 21	4 0	6 4	6 37	27 23	7 52	2 43
F 21	12 1	16 38	3 55	9 17	1 33	9 5	1 27	0 25	0 47	16 49	0 40	5 43	2 17	23 5	0 4	10 37	0 14	17 21	4 0	6 0	6 36	27 22	7 51	2 43
S 22	11 41	11 31	3 7	8 31	1 29	8 37	1 28	0 10	0 47	16 51	0 40	5 45	2 16	23 5	0 4	10 38	0 15	17 21	4 0	5 58	6 35	27 21	7 51	2 43
S 23	11 21	5 52	2 10	7 45	1 24	8 9	1 28	0s 6	0 46	16 53	0 40	5 47	2 16	23 5	0 4	10 39	0 15	17 20	4 0	5 56	6 33	27 20	7 50	2 43
M24	11 1	0n 5	1 6	6 58	1 19	7 41	1 28	0 21	0 45	16 55	0 40	5 50	2 16	23 5	0 4	10 39	0 15	17 20	4 0	5 55	6 32	27 20	7 49	2 43
T 25	10 41	6 8	0n 3	6 12	1 14	7 13	1 27	0 36	0 45	16 57	0 40	5 52	2 16	23 5	0 4	10 40	0 15	17 20	4 0	5 55	6 31	27 19	7 49	2 43
W26	10 20	12 2	1 13	5 26	1 8	6 44	1 27	0 51	0 44	17 0	0 40	5 54	2 16	23 5	0 4	10 40	0 15	17 20	4 0	5 55	6 30	27 18	7 48	2 43
T 27	10 0	17 31	2 20	4 40	1 2	6 15	1 27	1 7	0 44	17 2	0 40	5 56	2 16	23 5	0 4	10 41	0 15	17 20	4 0	5 55	6 28	27 17	7 47	2 43
F 28	9 39	22 15	3 21	3 54	0 56	5 46	1 27	1 22	0 43	17 4	0 40	5 59	2 15	23 5	0 4	10 42	0 15	17 19	4 0	5 56	6 27	27 16	7 46	2 43
S 29	9 18	25 51	4 12	3 8	0 49	5 17	1 26	1 37	0 43	17 6	0 40	6 1	2 15	23 5	0 4	10 42	0 15	17 19	4 0	5 56	6 26	27 15	7 46	2 43
S 30	8 57	27 56	4 49	2 22	0 42	4 48	1 26	1 53	0 42	17 8	0 40	6 3	2 15	23 5	0 4	10 43	0 15	17 19	4 0	5 56	6 25	27 14	7 45	2 43
M31	8n35	28n11	5n 8	1n37	0n35	4n19	1n26	2s 8	0n42	17s10	0s40	6s 6	2n15	23s 5	0s 4	10s43	0s15	17n19	4s 0	5n55	6n24	27s13	7n44	2n43

Julian Day Number = 2875072.5, Delta T = 01h13m32s
Ecliptic obliquity = 23°17'30, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°58'44, Lahiri = 40°05'44

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ASTRODIENST EPHEMERIS for the year 3159
geocentric

SEPTEMBER 3159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 39 28	8♍46'09	22♋25	28♍51	23♍38	7♎39	13°R55	21♎12	21♐37	2°R33	23♋35	15°R 1	16♈18	17♉52	13°R18	T 1
W 2	22 43 24	9°43'48	7♌12	0♎26	24°52	8°17	13♒49	21°18	21°37	2♓31	23°37	14♈56	16°15	17°59	13♈16	W 2
T 3	22 47 21	10°41'27	21°59	1°59	26° 6	8°55	13°43	21°25	21°37	2°29	23°38	14°51	16°12	18° 5	13°13	T 3
F 4	22 51 17	11°39'09	6♍39	3°30	27°19	9°32	13°37	21°31	21°38	2°28	23°39	14°47	16° 9	18°12	13°11	F 4
S 5	22 55 14	12°36'51	21° 5	5° 0	28°33	10°10	13°31	21°37	21°38	2°26	23°40	14°44	16° 6	18°19	13° 9	S 5
S 6	22 59 11	13°34'34	5♎11	6°28	29°47	10°48	13°25	21°44	21°38	2°25	23°41	14°42	16° 2	18°26	13° 7	S 6
M 7	23 3 7	14°32'19	18°53	7°55	1♎ 1	11°26	13°19	21°50	21°39	2°23	23°42	14°D42	15°59	18°32	13° 4	M 7
T 8	23 7 4	15°30'05	2♏11	9°21	2°15	12° 4	13°14	21°56	21°39	2°21	23°43	14°43	15°56	18°39	13° 2	T 8
W 9	23 11 0	16°27'52	15° 5	10°44	3°29	12°42	13° 9	22° 3	21°39	2°20	23°44	14°44	15°53	18°46	13° 0	W 9
T 10	23 14 57	17°25'40	27°39	12° 6	4°42	13°20	13° 3	22° 9	21°40	2°18	23°45	14°46	15°50	18°53	12°57	T 10
F 11	23 18 53	18°23'29	9♐55	13°26	5°56	13°58	12°58	22°16	21°41	2°17	23°46	14°47	15°47	18°59	12°55	F 11
S 12	23 22 50	19°21'19	21°59	14°45	7°10	14°36	12°53	22°23	21°41	2°15	23°47	14°R47	15°43	19° 6	12°53	S 12
S 13	23 26 46	20°19'10	3♑56	16° 2	8°24	15°15	12°49	22°29	21°42	2°14	23°48	14°46	15°40	19°13	12°50	S 13
M14	23 30 43	21°17'03	15°49	17°17	9°38	15°53	12°44	22°36	21°43	2°12	23°48	14°44	15°37	19°19	12°48	M14
T 15	23 34 40	22°14'56	27°43	18°30	10°51	16°31	12°40	22°43	21°43	2°11	23°49	14°42	15°34	19°26	12°45	T 15
W16	23 38 36	23°12'51	9♒42	19°42	12° 5	17° 9	12°35	22°49	21°44	2° 9	23°50	14°38	15°31	19°33	12°43	W16
T 17	23 42 33	24°10'48	21°48	20°51	13°19	17°48	12°31	22°56	21°45	2° 8	23°51	14°35	15°27	19°40	12°40	T 17
F 18	23 46 29	25° 8'45	4♓ 6	21°58	14°33	18°26	12°27	23° 3	21°46	2° 6	23°52	14°32	15°24	19°46	12°37	F 18
S 19	23 50 26	26° 6'44	16°35	23° 3	15°46	19° 4	12°24	23°10	21°47	2° 5	23°53	14°30	15°21	19°53	12°35	S 19
S 20	23 54 22	27° 4'44	29°17	24° 5	17° 0	19°43	12°20	23°17	21°48	2° 3	23°53	14°28	15°18	20° 0	12°32	S 20
M21	23 58 19	28° 2'46	12♈13	25° 6	18°14	20°21	12°17	23°24	21°49	2° 2	23°54	14°D28	15°15	20° 6	12°30	M21
T 22	0 2 15	29° 0'49	25°22	26° 3	19°27	21° 0	12°13	23°31	21°50	2° 0	23°55	14°28	15°12	20°13	12°27	T 22
W23	0 6 12	29°58'55	8♉44	26°58	20°41	21°38	12°10	23°38	21°51	1°59	23°56	14°29	15° 8	20°20	12°24	W23
T 24	0 10 8	0♎57'02	22°18	27°50	21°55	22°17	12° 8	23°45	21°52	1°58	23°56	14°30	15° 5	20°27	12°22	T 24
F 25	0 14 5	1°55'11	6♊ 5	28°38	23° 9	22°56	12° 5	23°52	21°54	1°56	23°57	14°31	15° 2	20°33	12°19	F 25
S 26	0 18 2	2°53'22	20° 2	29°24	24°22	23°34	12° 2	23°59	21°55	1°55	23°58	14°31	14°59	20°40	12°16	S 26
S 27	0 21 58	3°51'35	4♋ 9	0♏ 6	25°36	24°13	12° 0	24° 6	21°56	1°53	23°58	14°R32	14°56	20°47	12°14	S 27
M28	0 25 55	4°49'50	18°23	0°44	26°50	24°52	11°58	24°13	21°58	1°52	23°59	14°31	14°53	20°54	12°11	M28
T 29	0 29 51	5°48'07	2♌43	1°17	28° 3	25°30	11°56	24°20	21°59	1°51	23°59	14°31	14°49	21° 0	12° 8	T 29
W30	0 33 48	6♎46'26	17♌ 5	1♏47	29♎17	26♎ 9	11♒54	24♎27	22♐ 1	1♓50	24♋ 0	14♈30	14♈46	21♉ 7	12♈ 6	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n14	26n30	5n 8	0n52	0n27	3n49	1n25	2s23	0n41	17s11	0s40	6s 8	2n15	23s 5	0s 4	10s44	0s15	17n19	4s 0	5n53	6n22	27s12	7n43	2n43
W 2	7 52	23 0	4 48	0 7	0 19	3 19	1 24	2 39	0 40	17 13	0 40	6 11	2 15	23 5	0 4	10 45	0 15	17 18	4 0	5 51	6 21	27 11	7 42	2 43
T 3	7 31	18 1	4 8	0s37	0 11	2 50	1 24	2 54	0 40	17 15	0 40	6 13	2 15	23 5	0 4	10 45	0 15	17 18	4 0	5 49	6 20	27 10	7 42	2 43
F 4	7 9	12 0	3 13	1 20	0 3	2 20	1 23	3 9	0 39	17 17	0 40	6 15	2 15	23 5	0 4	10 46	0 15	17 18	4 0	5 47	6 19	27 9	7 41	2 43
S 5	6 47	5 26	2 5	2 4	0s 6	1 50	1 22	3 25	0 39	17 19	0 41	6 18	2 14	23 5	0 4	10 46	0 15	17 18	4 0	5 46	6 18	27 8	7 40	2 43
S 6	6 25	1s15	0 52	2 46	0 14	1 20	1 21	3 40	0 38	17 20	0 41	6 20	2 14	23 5	0 4	10 47	0 15	17 18	4 0	5 45	6 16	27 8	7 39	2 43
M 7	6 3	7 42	0s23	3 28	0 23	0 50	1 20	3 55	0 38	17 22	0 41	6 23	2 14	23 5	0 4	10 47	0 15	17 17	4 0	5 45	6 15	27 7	7 38	2 43
T 8	5 41	13 38	1 34	4 10	0 32	0 19	1 19	4 10	0 37	17 24	0 41	6 25	2 14	23 5	0 4	10 48	0 15	17 17	4 0	5 46	6 14	27 6	7 37	2 43
W 9	5 19	18 47	2 39	4 51	0 41	0s11	1 18	4 26	0 37	17 25	0 41	6 28	2 14	23 6	0 4	10 49	0 15	17 17	4 0	5 46	6 13	27 5	7 36	2 43
T 10	4 56	22 59	3 34	5 31	0 50	0 41	1 17	4 41	0 36	17 27	0 41	6 30	2 14	23 6	0 4	10 49	0 15	17 17	4 0	5 47	6 11	27 4	7 35	2 43
F 11	4 34	26 3	4 18	6 10	0 59	1 11	1 16	4 56	0 35	17 28	0 41	6 33	2 14	23 6	0 4	10 50	0 15	17 17	4 0	5 47	6 10	27 3	7 34	2 43
S 12	4 11	27 52	4 49	6 49	1 8	1 41	1 14	5 11	0 35	17 30	0 41	6 35	2 14	23 6	0 4	10 50	0 15	17 17	4 0	5 47	6 9	27 2	7 33	2 43
S 13	3 49	28 22	5 8	7 27	1 17	2 11	1 13	5 26	0 34	17 31	0 41	6 38	2 14	23 6	0 4	10 51	0 15	17 16	4 0	5 47	6 8	27 0	7 33	2 43
M14	3 26	27 33	5 14	8 4	1 26	2 41	1 12	5 41	0 34	17 32	0 41	6 40	2 13	23 6	0 4	10 51	0 15	17 16	4 0	5 46	6 7	26 59	7 32	2 43
T 15	3 3	25 29	5 6	8 41	1 35	3 12	1 10	5 57	0 33	17 34	0 41	6 43	2 13	23 6	0 4	10 52	0 15	17 16	4 0	5 45	6 5	26 58	7 31	2 43
W16	2 41	22 17	4 45	9 16	1 45	3 42	1 9	6 12	0 33	17 35	0 41	6 45	2 13	23 6	0 4	10 52	0 15	17 16	4 0	5 44	6 4	26 57	7 30	2 43
T 17	2 18	18 6	4 10	9 51	1 54	4 12	1 7	6 27	0 32	17 36	0 41	6 48	2 13	23 6	0 4	10 53	0 15	17 16	4 0	5 43	6 3	26 56	7 29	2 43
F 18	1 55	13 7	3 24	10 24	2 3	4 41	1 6	6 42	0 32	17 37	0 41	6 51	2 13	23 6	0 4	10 54	0 15	17 15	4 0	5 42	6 2	26 55	7 28	2 43
S 19	1 32	7 32	2 28	10 57	2 12	5 11	1 4	6 57	0 31	17 38	0 41	6 53	2 13	23 6	0 4	10 54	0 15	17 15	4 0	5 41	6 1	26 54	7 26	2 43
S 20	1 9	1 33	1 23	11 28	2 21	5 41	1 2	7 12	0 30	17 39	0 41	6 56	2 13	23 6	0 4	10 55	0 15	17 15	4 0	5 40	5 59	26 53	7 25	2 43
M21	0 46	4n36	0 12	11 59	2 30	6 11	1 0	7 27	0 30	17 40	0 41	6 58	2 13	23 6	0 4	10 55	0 15	17 15	4 0	5 40	5 58	26 52	7 24	2 43
T 22	0 23	10 41	1n 0	12 28	2 38	6 40	0 58	7 42	0 29	17 41	0 41	7 1	2 13	23 6	0 4	10 56	0 15	17 15	4 0	5 40	5 57	26 51	7 23	2 43
W23	0 0	16 23	2 10	12 55	2 47	7 9	0 56	7 56	0 29	17 42	0 41	7 4	2 13	23 6	0 4	10 56	0 15	17 15	4 0	5 40	5 56	26 50	7 22	2 43
T 24	0s23	21 22	3 14	13 22	2 55	7 39	0 54	8 11	0 28	17 43	0 41	7 6	2 13	23 6	0 4	10 57	0 15	17 15	4 0	5 41	5 54	26 49	7 21	2 43
F 25	0 46	25 16	4 8	13 47	3 3	8 8	0 52	8 26	0 28	17 43	0 41	7 9	2 13	23 7	0 4	10 57	0 15	17 14	4 0	5 41	5 53	26 48	7 20	2 43
S 26	1 9	27 42	4 48	14 10	3 11	8 36	0 50	8 41	0 27	17 44	0 41	7 12	2 12	23 7	0 4	10 58	0 15	17 14	4 0	5 41	5 52	26 46	7 19	2 43
S 27	1 32	28 25	5 11	14 32	3 18	9 5	0 48	8 55	0 26	17 45	0 41	7 14	2 12	23 7	0 4	10 58	0 15	17 14	4 0	5 42	5 51	26 45	7 18	2 42
M28	1 54	27 15	5 16	14 52	3 25	9 34	0 46	9 10	0 26	17 45	0 41	7 17	2 12	23 7	0 4	10 59	0 15	17 14	4 0	5 41	5 50	26 44	7 17	2 42
T 29	2 17	24 18	5 1	15 10	3 32	10 2	0 44	9 25	0 25	17 46	0 41	7 19	2 12	23 7	0 4	10 59	0 15	17 14	4 0	5 41	5 48	26 43	7 16	2 42
W30	2s40	19n51	4n27	15s26	3s38	10s30	0n42	9s39	0n25	17s46	0s41	7s22	2n12	23s 7	0s 4	10s59	0s15	17n14	4s 0	5n41	5n47	26s42	7n15	2n42

Julian Day Number = 2875103.5, Delta T = 01h13m32s
Ecliptic obliquity = 23°17'30, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°58'48, Lahiri = 40°05'49

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3159
geocentric

OCTOBER 3159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 37 44	7♎44'47	1♍25	2♏12	0♏31	26♎48	11°R53	24♎35	22♐ 2	1°R48	24♋ 1	14°R29	14♈43	21♉14	12°R 3	T 1
F 2	0 41 41	8°43'10	15°38	2°32	1°44	27°27	11♒51	24°42	22° 4	1♓47	24° 1	14♈28	14°40	21°20	12♈ 0	F 2
S 3	0 45 37	9°41'35	29°40	2°46	2°58	28° 6	11°50	24°49	22° 6	1°46	24° 2	14°28	14°37	21°27	11°57	S 3
S 4	0 49 34	10°40'01	13♎28	2°55	4°11	28°45	11°49	24°56	22° 7	1°45	24° 2	14°D28	14°33	21°34	11°55	S 4
M 5	0 53 31	11°38'29	26°58	2°R57	5°25	29°24	11°49	25° 4	22° 9	1°44	24° 3	14°28	14°30	21°41	11°52	M 5
T 6	0 57 27	12°36'59	10♏ 8	2°54	6°39	0♏ 3	11°48	25°11	22°11	1°42	24° 3	14°28	14°27	21°47	11°49	T 6
W 7	1 1 24	13°35'31	23° 0	2°43	7°52	0°42	11°48	25°18	22°13	1°41	24° 3	14°28	14°24	21°54	11°47	W 7
T 8	1 5 20	14°34'05	5♐33	2°26	9° 6	1°22	11°D47	25°26	22°15	1°40	24° 4	14°R28	14°21	22° 1	11°44	T 8
F 9	1 9 17	15°32'40	17°51	2° 2	10°19	2° 1	11°47	25°33	22°17	1°39	24° 4	14°28	14°18	22° 7	11°41	F 9
S 10	1 13 13	16°31'17	29°56	1°31	11°33	2°40	11°48	25°40	22°19	1°38	24° 5	14°28	14°14	22°14	11°38	S 10
S 11	1 17 10	17°29'55	11♑53	0°52	12°47	3°19	11°48	25°48	22°21	1°37	24° 5	14°D28	14°11	22°21	11°36	S 11
M12	1 21 6	18°28'35	23°46	0° 7	14° 0	3°59	11°49	25°55	22°23	1°36	24° 5	14°28	14° 8	22°28	11°33	M12
T 13	1 25 3	19°27'17	5♒40	29♎16	15°14	4°38	11°50	26° 2	22°25	1°35	24° 5	14°28	14° 5	22°34	11°30	T 13
W14	1 29 0	20°26'00	17°40	28°19	16°27	5°18	11°51	26°10	22°27	1°34	24° 6	14°29	14° 2	22°41	11°28	W14
T 15	1 32 56	21°24'45	29°49	27°17	17°41	5°57	11°52	26°17	22°29	1°33	24° 6	14°29	13°58	22°48	11°25	T 15
F 16	1 36 53	22°23'32	12♓12	26°12	18°54	6°36	11°53	26°25	22°31	1°32	24° 6	14°30	13°55	22°55	11°22	F 16
S 17	1 40 49	23°22'20	24°51	25° 6	20° 8	7°16	11°55	26°32	22°34	1°32	24° 6	14°31	13°52	23° 1	11°20	S 17
S 18	1 44 46	24°21'10	7♈48	23°58	21°21	7°56	11°56	26°39	22°36	1°31	24° 7	14°31	13°49	23° 8	11°17	S 18
M19	1 48 42	25°20'02	21° 4	22°52	22°34	8°35	11°58	26°47	22°38	1°30	24° 7	14°R31	13°46	23°15	11°14	M19
T 20	1 52 39	26°18'56	4♉37	21°49	23°48	9°15	12° 1	26°54	22°41	1°29	24° 7	14°31	13°43	23°21	11°12	T 20
W21	1 56 35	27°17'52	18°26	20°51	25° 1	9°55	12° 3	27° 2	22°43	1°28	24° 7	14°30	13°39	23°28	11° 9	W21
T 22	2 0 32	28°16'50	2♊28	20° 0	26°15	10°34	12° 5	27° 9	22°46	1°28	24° 7	14°28	13°36	23°35	11° 7	T 22
F 23	2 4 29	29°15'50	16°39	19°16	27°28	11°14	12° 8	27°17	22°48	1°27	24° 7	14°26	13°33	23°42	11° 4	F 23
S 24	2 8 25	0♏14'53	0♋55	18°42	28°41	11°54	12°11	27°24	22°51	1°26	24° 7	14°24	13°30	23°48	11° 1	S 24
S 25	2 12 22	1°13'58	15°12	18°17	29°55	12°34	12°14	27°31	22°53	1°26	24°R 7	14°23	13°27	23°55	10°59	S 25
M26	2 16 18	2°13'05	29°26	18° 3	1♐ 8	13°14	12°17	27°39	22°56	1°25	24° 7	14°D22	13°24	24° 2	10°56	M26
T 27	2 20 15	3°12'14	13♌37	17°D59	2°21	13°54	12°21	27°46	22°59	1°24	24° 7	14°23	13°20	24° 8	10°54	T 27
W28	2 24 11	4°11'26	27°40	18° 6	3°35	14°34	12°25	27°54	23° 1	1°24	24° 7	14°24	13°17	24°15	10°52	W28
T 29	2 28 8	5°10'39	11♍35	18°24	4°48	15°14	12°28	28° 1	23° 4	1°23	24° 7	14°25	13°14	24°22	10°49	T 29
F 30	2 32 4	6° 9'55	25°21	18°51	6° 1	15°54	12°32	28° 8	23° 7	1°23	24° 7	14°26	13°11	24°29	10°47	F 30
S 31	2 36 1	7♏ 9'13	8♎55	19♎28	7♐15	16♏34	12♒37	28♎16	23♐10	1♓23	24♋ 7	14°R27	13♈ 8	24♉35	10♈44	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s 3	14n17	3n36	15s40	3s43	10s58	0n39	9s54	0n24	17s47	0s41	7s25	2n12	23s 7	0s 4	11s 0	0s15	17n14	4s 0	5n41	5n46	26s41	7n14	2n42
F 2	3 26	7 59	2 33	15 51	3 48	11 26	0 37	10 8	0 24	17 47	0 41	7 27	2 12	23 7	0 4	11 0	0 15	17 13	4 0	5 40	5 45	26 39	7 12	2 42
S 3	3 49	1 22	1 21	16 0	3 52	11 53	0 35	10 22	0 23	17 47	0 41	7 30	2 12	23 7	0 4	11 1	0 15	17 13	4 0	5 40	5 43	26 38	7 11	2 42
S 4	4 12	5s12	0 6	16 6	3 56	12 20	0 32	10 37	0 23	17 48	0 41	7 33	2 12	23 7	0 4	11 1	0 15	17 13	4 0	5 40	5 42	26 37	7 10	2 42
M 5	4 35	11 24	1s 9	16 9	3 58	12 47	0 30	10 51	0 22	17 48	0 41	7 35	2 12	23 8	0 4	11 2	0 15	17 13	4 0	5 40	5 41	26 36	7 9	2 42
T 6	4 57	16 57	2 18	16 9	3 59	13 13	0 27	11 5	0 21	17 48	0 41	7 38	2 12	23 8	0 4	11 2	0 15	17 13	4 1	5 40	5 40	26 35	7 8	2 42
W 7	5 20	21 36	3 18	16 6	4 0	13 40	0 25	11 19	0 21	17 48	0 41	7 41	2 12	23 8	0 4	11 2	0 15	17 13	4 1	5 40	5 39	26 33	7 7	2 42
T 8	5 42	25 9	4 7	15 58	3 58	14 6	0 22	11 33	0 20	17 48	0 41	7 43	2 12	23 8	0 4	11 3	0 15	17 13	4 1	5 40	5 37	26 32	7 6	2 42
F 9	6 5	27 27	4 43	15 48	3 56	14 31	0 19	11 47	0 20	17 48	0 41	7 46	2 12	23 8	0 4	11 3	0 15	17 13	4 1	5 40	5 36	26 31	7 4	2 42
S 10	6 27	28 24	5 7	15 33	3 52	14 56	0 17	12 1	0 19	17 48	0 41	7 49	2 12	23 8	0 4	11 4	0 15	17 13	4 1	5 40	5 35	26 30	7 3	2 42
S 11	6 50	28 1	5 16	15 14	3 46	15 21	0 14	12 15	0 19	17 48	0 41	7 51	2 12	23 8	0 4	11 4	0 15	17 13	4 1	5 40	5 34	26 29	7 2	2 41
M12	7 12	26 21	5 13	14 51	3 38	15 46	0 11	12 29	0 18	17 48	0 41	7 54	2 12	23 8	0 4	11 4	0 15	17 12	4 1	5 40	5 32	26 27	7 1	2 41
T 13	7 34	23 30	4 55	14 24	3 29	16 10	0 9	12 43	0 17	17 47	0 41	7 57	2 12	23 8	0 4	11 5	0 15	17 12	4 1	5 40	5 31	26 26	7 0	2 41
W14	7 56	19 39	4 25	13 53	3 17	16 34	0 6	12 56	0 17	17 47	0 41	7 59	2 12	23 9	0 4	11 5	0 15	17 12	4 1	5 40	5 30	26 25	6 59	2 41
T 15	8 18	14 57	3 43	13 18	3 4	16 57	0 3	13 10	0 16	17 47	0 41	8 2	2 12	23 9	0 4	11 5	0 15	17 12	4 1	5 41	5 29	26 23	6 58	2 41
F 16	8 40	9 33	2 50	12 41	2 49	17 20	0 0	13 23	0 16	17 46	0 41	8 5	2 12	23 9	0 4	11 6	0 15	17 12	4 1	5 41	5 28	26 22	6 57	2 41
S 17	9 1	3 40	1 47	12 1	2 32	17 42	0s 2	13 37	0 15	17 46	0 41	8 7	2 12	23 9	0 4	11 6	0 15	17 12	4 1	5 41	5 26	26 21	6 55	2 41
S 18	9 23	2n30	0 37	11 20	2 14	18 4	0 5	13 50	0 15	17 45	0 41	8 10	2 12	23 9	0 4	11 6	0 15	17 12	4 1	5 41	5 25	26 20	6 54	2 41
M19	9 44	8 44	0n36	10 38	1 55	18 26	0 8	14 3	0 14	17 45	0 41	8 13	2 12	23 9	0 4	11 7	0 15	17 12	4 1	5 41	5 24	26 18	6 53	2 41
T 20	10 6	14 41	1 49	9 56	1 35	18 47	0 11	14 16	0 14	17 44	0 41	8 15	2 12	23 9	0 4	11 7	0 15	17 12	4 1	5 41	5 23	26 17	6 52	2 41
W21	10 27	20 2	2 57	9 15	1 15	19 8	0 14	14 29	0 13	17 44	0 41	8 18	2 12	23 10	0 4	11 7	0 15	17 12	4 1	5 41	5 21	26 16	6 51	2 40
T 22	10 48	24 22	3 55	8 37	0 54	19 28	0 17	14 42	0 12	17 43	0 41	8 21	2 12	23 10	0 4	11 7	0 15	17 12	4 1	5 40	5 20	26 14	6 50	2 40
F 23	11 9	27 15	4 39	8 2	0 34	19 48	0 20	14 55	0 12	17 42	0 41	8 23	2 12	23 10	0 4	11 8	0 15	17 12	4 1	5 39	5 19	26 13	6 49	2 40
S 24	11 29	28 24	5 7	7 30	0 14	20 7	0 23	15 8	0 11	17 41	0 41	8 26	2 12	23 10	0 4	11 8	0 15	17 12	4 1	5 39	5 18	26 12	6 48	2 40
S 25	11 50	27 39	5 15	7 3	0n 4	20 25	0 25	15 21	0 11	17 40	0 41	8 28	2 12	23 10	0 4	11 8	0 15	17 12	4 1	5 38	5 17	26 10	6 46	2 40
M26	12 10	25 6	5 5	6 42	0 22	20 43	0 28	15 33	0 10	17 39	0 40	8 31	2 12	23 10	0 4	11 8	0 15	17 12	4 1	5 38	5 15	26 9	6 45	2 40
T 27	12 30	21 2	4 35	6 25	0 39	21 1	0 31	15 46	0 10	17 38	0 40	8 34	2 12	23 10	0 4	11 8	0 15	17 11	4 1	5 38	5 14	26 8	6 44	2 40
W28	12 50	15 48	3 50	6 14	0 54	21 18	0 34	15 58	0 9	17 37	0 40	8 36	2 12	23 11	0 4	11 9	0 15	17 11	4 1	5 38	5 13	26 6	6 43	2 40
T 29	13 10	9 49	2 51	6 8	1 7	21 34	0 37	16 10	0 8	17 36	0 40	8 39	2 12	23 11	0 4	11 9	0 15	17 11	4 1	5 39	5 12	26 5	6 42	2 39
F 30	13 30	3 25	1 43	6 7	1 19	21 50	0 40	16 22	0 8	17 35	0 40	8 41	2 12	23 11	0 4	11 9	0 15	17 11	4 1	5 39	5 10	26 3	6 41	2 39
S 31	13s49	3s 3	0n30	6s11	1n30	22s 5	0s43	16s34	0n 7	17s34	0s40	8s44	2n12	23s11	0s 4	11s 9	0s15	17n11	4s 2	5n40	5n 9	26s 2	6n40	2n39

Julian Day Number = 2875133.5, Delta T = 01h13m33s
Ecliptic obliquity = 23°17'31, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°58'52, Lahiri = 40°05'53

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ASTRODIENST EPHEMERIS for the year 3159
geocentric

NOVEMBER 3159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 39 58	8♏ 8'34	22♎18	20♎14	8♐28	17♏15	12♒41	28♎23	23♐13	1°R22	24°R 7	14°R27	13♈ 4	24♉42	10°R42	S 1
M 2	2 43 54	9° 7'56	5♏28	21° 8	9°41	17°55	12°45	28°31	23°16	1♓22	24♋ 6	14♈26	13° 1	24°49	10♈40	M 2
T 3	2 47 51	10° 7'20	18°23	22° 9	10°55	18°35	12°50	28°38	23°19	1°21	24° 6	14°23	12°58	24°55	10°37	T 3
W 4	2 51 47	11° 6'47	1♐ 5	23°17	12° 8	19°16	12°55	28°45	23°21	1°21	24° 6	14°19	12°55	25° 2	10°35	W 4
T 5	2 55 44	12° 6'15	13°32	24°30	13°21	19°56	13° 0	28°53	23°24	1°21	24° 6	14°14	12°52	25° 9	10°33	T 5
F 6	2 59 40	13° 5'45	25°47	25°48	14°34	20°36	13° 5	29° 0	23°27	1°21	24° 5	14° 9	12°49	25°16	10°31	F 6
S 7	3 3 37	14° 5'17	7♑51	27°11	15°47	21°17	13°11	29° 7	23°31	1°20	24° 5	14° 5	12°45	25°22	10°29	S 7
S 8	3 7 33	15° 4'51	19°47	28°37	17° 1	21°58	13°16	29°14	23°34	1°20	24° 5	14° 1	12°42	25°29	10°26	S 8
M 9	3 11 30	16° 4'26	1♒39	0♏ 6	18°14	22°38	13°22	29°22	23°37	1°20	24° 5	13°58	12°39	25°36	10°24	M 9
T 10	3 15 27	17° 4'03	13°31	1°37	19°27	23°19	13°28	29°29	23°40	1°20	24° 4	13°D57	12°36	25°43	10°22	T 10
W11	3 19 23	18° 3'42	25°29	3°11	20°40	23°59	13°34	29°36	23°43	1°20	24° 4	13°57	12°33	25°49	10°20	W11
T 12	3 23 20	19° 3'22	7♓37	4°46	21°53	24°40	13°40	29°43	23°46	1°20	24° 3	13°59	12°30	25°56	10°18	T 12
F 13	3 27 16	20° 3'04	19°59	6°23	23° 6	25°21	13°47	29°50	23°49	1°D20	24° 3	14° 0	12°26	26° 3	10°16	F 13
S 14	3 31 13	21° 2'48	2♈41	8° 0	24°19	26° 2	13°53	29°57	23°53	1°20	24° 3	14° 2	12°23	26° 9	10°14	S 14
S 15	3 35 9	22° 2'33	15°45	9°38	25°32	26°43	14° 0	0♏ 4	23°56	1°20	24° 2	14°R 2	12°20	26°16	10°13	S 15
M16	3 39 6	23° 2'20	29°13	11°17	26°45	27°24	14° 7	0°12	23°59	1°20	24° 2	14° 1	12°17	26°23	10°11	M16
T 17	3 43 2	24° 2'09	13♉ 6	12°56	27°58	28° 5	14°14	0°19	24° 3	1°20	24° 1	13°58	12°14	26°30	10° 9	T 17
W18	3 46 59	25° 2'00	27°19	14°36	29°11	28°46	14°21	0°26	24° 6	1°20	24° 1	13°54	12°10	26°36	10° 7	W18
T 19	3 50 56	26° 1'53	11♊50	16°15	0♑24	29°27	14°29	0°33	24° 9	1°20	24° 0	13°47	12° 7	26°43	10° 6	T 19
F 20	3 54 52	27° 1'47	26°30	17°55	1°37	0♐ 8	14°36	0°39	24°13	1°21	23°59	13°41	12° 4	26°50	10° 4	F 20
S 21	3 58 49	28° 1'44	11♋13	19°34	2°50	0°49	14°44	0°46	24°16	1°21	23°59	13°34	12° 1	26°56	10° 2	S 21
S 22	4 2 45	29° 1'43	25°51	21°14	4° 3	1°30	14°51	0°53	24°19	1°21	23°58	13°28	11°58	27° 3	10° 1	S 22
M23	4 6 42	0♐ 1'44	10♌18	22°53	5°15	2°11	14°59	1° 0	24°23	1°21	23°58	13°25	11°55	27°10	9°59	M23
T 24	4 10 38	1° 1'47	24°31	24°32	6°28	2°53	15° 7	1° 7	24°26	1°22	23°57	13°23	11°51	27°17	9°58	T 24
W25	4 14 35	2° 1'52	8♍28	26°10	7°41	3°34	15°16	1°14	24°30	1°22	23°56	13°D23	11°48	27°23	9°56	W25
T 26	4 18 31	3° 1'59	22° 9	27°48	8°54	4°15	15°24	1°20	24°33	1°23	23°56	13°24	11°45	27°30	9°55	T 26
F 27	4 22 28	4° 2'07	5♎34	29°26	10° 6	4°57	15°32	1°27	24°37	1°23	23°55	13°25	11°42	27°37	9°54	F 27
S 28	4 26 25	5° 2'18	18°46	1♐ 4	11°19	5°38	15°41	1°34	24°40	1°24	23°54	13°R25	11°39	27°43	9°52	S 28
S 29	4 30 21	6° 2'31	1♏45	2°41	12°32	6°20	15°50	1°40	24°44	1°24	23°53	13°23	11°36	27°50	9°51	S 29
M30	4 34 18	7♐ 2'46	14♏33	4♐18	13♑44	7♐ 1	15♒59	1♏47	24♐47	1♓25	23♋53	13♈19	11♈32	27♉57	9♈50	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s 8	9s18	0s43	6s20	1n39	22s20	0s46	16s46	0n 7	17s33	0s40	8s46	2n12	23s11	0s 4	11s 9	0s15	17n11	4s 2	5n40	5n 8	26s 1	6n39	2n39
M 2	14 27	15 2	1 53	6 33	1 46	22 34	0 49	16 58	0 6	17 31	0 40	8 49	2 12	23 11	0 4	11 9	0 15	17 11	4 2	5 39	5 7	25 59	6 38	2 39
T 3	14 46	20 0	2 55	6 50	1 52	22 47	0 51	17 10	0 6	17 30	0 40	8 51	2 12	23 11	0 4	11 10	0 15	17 11	4 2	5 38	5 5	25 58	6 37	2 39
W 4	15 4	23 58	3 48	7 11	1 57	23 0	0 54	17 21	0 5	17 29	0 40	8 54	2 12	23 12	0 4	11 10	0 15	17 11	4 2	5 37	5 4	25 56	6 36	2 38
T 5	15 22	26 44	4 29	7 34	2 0	23 12	0 57	17 33	0 4	17 27	0 40	8 57	2 12	23 12	0 4	11 10	0 15	17 11	4 2	5 35	5 3	25 55	6 35	2 38
F 6	15 40	28 10	4 56	8 1	2 2	23 24	1 0	17 44	0 4	17 26	0 40	8 59	2 12	23 12	0 4	11 10	0 15	17 11	4 2	5 33	5 2	25 54	6 34	2 38
S 7	15 58	28 13	5 10	8 29	2 3	23 35	1 3	17 55	0 3	17 24	0 40	9 1	2 13	23 12	0 4	11 10	0 15	17 11	4 2	5 31	5 1	25 52	6 33	2 38
S 8	16 16	26 58	5 10	8 59	2 4	23 45	1 5	18 6	0 3	17 22	0 40	9 4	2 13	23 12	0 4	11 10	0 15	17 11	4 2	5 30	4 59	25 51	6 32	2 38
M 9	16 33	24 30	4 57	9 31	2 3	23 54	1 8	18 17	0 2	17 21	0 40	9 6	2 13	23 12	0 4	11 10	0 15	17 11	4 2	5 29	4 58	25 49	6 31	2 38
T 10	16 50	21 0	4 32	10 4	2 1	24 3	1 11	18 28	0 2	17 19	0 40	9 9	2 13	23 13	0 4	11 10	0 15	17 11	4 2	5 28	4 57	25 48	6 30	2 38
W11	17 6	16 37	3 54	10 38	1 59	24 11	1 13	18 38	0 1	17 17	0 40	9 11	2 13	23 13	0 4	11 10	0 15	17 12	4 2	5 28	4 56	25 46	6 29	2 37
T 12	17 23	11 32	3 5	11 13	1 56	24 19	1 16	18 49	0 0	17 15	0 40	9 14	2 13	23 13	0 4	11 10	0 15	17 12	4 2	5 29	4 54	25 45	6 28	2 37
F 13	17 39	5 54	2 7	11 48	1 52	24 25	1 19	18 59	0s 0	17 14	0 40	9 16	2 13	23 13	0 4	11 10	0 15	17 12	4 2	5 30	4 53	25 43	6 27	2 37
S 14	17 55	0n 7	1 1	12 23	1 48	24 31	1 21	19 9	0 1	17 12	0 40	9 18	2 13	23 13	0 4	11 10	0 15	17 12	4 2	5 30	4 52	25 42	6 26	2 37
S 15	18 10	6 18	0n 9	12 58	1 44	24 37	1 24	19 19	0 1	17 10	0 40	9 21	2 13	23 13	0 4	11 10	0 15	17 12	4 2	5 30	4 51	25 40	6 25	2 37
M16	18 25	12 24	1 22	13 33	1 39	24 41	1 26	19 29	0 2	17 8	0 40	9 23	2 13	23 14	0 4	11 10	0 15	17 12	4 2	5 30	4 49	25 39	6 25	2 37
T 17	18 40	18 4	2 31	14 8	1 34	24 45	1 29	19 39	0 3	17 6	0 40	9 26	2 13	23 14	0 4	11 10	0 15	17 12	4 2	5 29	4 48	25 37	6 24	2 36
W18	18 54	22 53	3 33	14 43	1 28	24 48	1 31	19 49	0 3	17 4	0 40	9 28	2 13	23 14	0 4	11 10	0 15	17 12	4 2	5 27	4 47	25 36	6 23	2 36
T 19	19 9	26 24	4 22	15 17	1 22	24 51	1 33	19 58	0 4	17 1	0 40	9 30	2 14	23 14	0 4	11 10	0 15	17 12	4 2	5 25	4 46	25 34	6 22	2 36
F 20	19 22	28 9	4 55	15 51	1 16	24 53	1 36	20 7	0 4	16 59	0 40	9 32	2 14	23 14	0 4	11 10	0 15	17 12	4 2	5 22	4 45	25 33	6 21	2 36
S 21	19 36	27 56	5 8	16 24	1 10	24 54	1 38	20 16	0 5	16 57	0 40	9 35	2 14	23 14	0 4	11 10	0 15	17 12	4 2	5 19	4 43	25 31	6 20	2 36
S 22	19 49	25 46	5 1	16 56	1 3	24 54	1 40	20 25	0 5	16 55	0 40	9 37	2 14	23 14	0 4	11 10	0 15	17 12	4 2	5 17	4 42	25 30	6 20	2 35
M23	20 2	21 58	4 35	17 28	0 57	24 54	1 42	20 34	0 6	16 52	0 40	9 39	2 14	23 15	0 4	11 10	0 15	17 12	4 2	5 16	4 41	25 28	6 19	2 35
T 24	20 14	16 55	3 52	17 58	0 50	24 52	1 44	20 43	0 7	16 50	0 40	9 41	2 14	23 15	0 4	11 9	0 15	17 12	4 2	5 15	4 40	25 26	6 18	2 35
W25	20 26	11 5	2 57	18 28	0 43	24 51	1 46	20 51	0 7	16 48	0 40	9 44	2 14	23 15	0 4	11 9	0 15	17 12	4 2	5 15	4 38	25 25	6 17	2 35
T 26	20 38	4 49	1 52	18 57	0 37	24 48	1 48	20 59	0 8	16 45	0 40	9 46	2 14	23 15	0 4	11 9	0 15	17 12	4 2	5 15	4 37	25 23	6 17	2 35
F 27	20 49	1s33	0 42	19 25	0 30	24 45	1 50	21 8	0 8	16 43	0 40	9 48	2 14	23 15	0 4	11 9	0 15	17 13	4 2	5 16	4 36	25 22	6 16	2 34
S 28	21 0	7 45	0s29	19 52	0 23	24 41	1 52	21 15	0 9	16 40	0 40	9 50	2 15	23 15	0 4	11 9	0 15	17 13	4 2	5 16	4 35	25 20	6 15	2 34
S 29	21 11	13 32	1 37	20 18	0 16	24 36	1 54	21 23	0 9	16 37	0 40	9 52	2 15	23 15	0 4	11 9	0 15	17 13	4 2	5 15	4 33	25 18	6 15	2 34
M30	21s21	18s38	2s39	20s44	0n 9	24s30	1s56	21s31	0s10	16s35	0s40	9s54	2n15	23s16	0s 4	11s 8	0s15	17n13	4s 2	5n14	4n32	25s17	6n14	2n34

Julian Day Number = 2875164.5, Delta T = 01h13m34s
Ecliptic obliquity = 23°17'30, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°58'57, Lahiri = 40°05'57

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ASTRODIENST EPHEMERIS for the year 3159
geocentric

DECEMBER 3159 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 38 14	8♐ 3'03	27♏10	5♐55	14♑57	7♐43	16♒ 8	1♏53	24♐51	1♓25	23°R52	13°R12	11♈29	28♑ 4	9°R49	T 1
W 2	4 42 11	9° 3'21	9♐37	7°31	16°10	8°25	16°17	2° 0	24°55	1°26	23♋51	13♈ 3	11°26	28°10	9♈48	W 2
T 3	4 46 7	10° 3'42	21°54	9° 7	17°22	9° 6	16°26	2° 6	24°58	1°26	23°50	12°52	11°23	28°17	9°47	T 3
F 4	4 50 4	11° 4'03	4♑ 2	10°43	18°35	9°48	16°36	2°12	25° 2	1°27	23°49	12°41	11°20	28°24	9°46	F 4
S 5	4 54 0	12° 4'27	16° 2	12°18	19°47	10°30	16°45	2°19	25° 6	1°28	23°49	12°29	11°16	28°30	9°45	S 5
S 6	4 57 57	13° 4'51	27°56	13°54	21° 0	11°12	16°55	2°25	25° 9	1°29	23°48	12°19	11°13	28°37	9°44	S 6
M 7	5 1 54	14° 5'17	9♒46	15°29	22°12	11°54	17° 5	2°31	25°13	1°29	23°47	12°11	11°10	28°44	9°43	M 7
T 8	5 5 50	15° 5'45	21°36	17° 3	23°24	12°36	17°14	2°37	25°16	1°30	23°46	12° 6	11° 7	28°51	9°42	T 8
W 9	5 9 47	16° 6'13	3♓31	18°38	24°37	13°18	17°25	2°43	25°20	1°31	23°45	12° 3	11° 4	28°57	9°42	W 9
T 10	5 13 43	17° 6'43	15°34	20°12	25°49	14° 0	17°35	2°49	25°24	1°32	23°44	12°D 2	11° 1	29° 4	9°41	T 10
F 11	5 17 40	18° 7'14	27°52	21°46	27° 1	14°42	17°45	2°55	25°27	1°33	23°43	12° 2	10°57	29°11	9°40	F 11
S 12	5 21 36	19° 7'46	10♈30	23°20	28°13	15°24	17°55	3° 1	25°31	1°34	23°42	12°R 3	10°54	29°18	9°40	S 12
S 13	5 25 33	20° 8'19	23°31	24°54	29°25	16° 6	18° 6	3° 7	25°35	1°35	23°41	12° 2	10°51	29°24	9°39	S 13
M14	5 29 29	21° 8'53	7♉ 1	26°27	0♒37	16°49	18°16	3°13	25°39	1°36	23°40	12° 0	10°48	29°31	9°39	M14
T 15	5 33 26	22° 9'29	20°59	28° 1	1°49	17°31	18°27	3°19	25°42	1°37	23°39	11°55	10°45	29°38	9°39	T 15
W16	5 37 23	23°10'06	5♊26	29°34	3° 1	18°13	18°38	3°24	25°46	1°38	23°38	11°47	10°42	29°44	9°38	W16
T 17	5 41 19	24°10'44	20°15	1♑ 7	4°13	18°56	18°49	3°30	25°50	1°39	23°37	11°37	10°38	29°51	9°38	T 17
F 18	5 45 16	25°11'23	5♋19	2°40	5°25	19°38	19° 0	3°36	25°53	1°40	23°36	11°26	10°35	29°58	9°38	F 18
S 19	5 49 12	26°12'04	20°28	4°13	6°37	20°21	19°11	3°41	25°57	1°41	23°35	11°15	10°32	0♒ 5	9°38	S 19
S 20	5 53 9	27°12'46	5♌31	5°46	7°48	21° 3	19°22	3°46	26° 1	1°43	23°34	11° 6	10°29	0°11	9°37	S 20
M21	5 57 5	28°13'30	20°19	7°19	9° 0	21°46	19°33	3°52	26° 4	1°44	23°33	10°58	10°26	0°18	9°D37	M21
T 22	6 1 2	29°14'15	4♍46	8°52	10°11	22°28	19°45	3°57	26° 8	1°45	23°32	10°54	10°22	0°25	9°37	T 22
W23	6 4 59	0♑15'01	18°50	10°25	11°23	23°11	19°56	4° 2	26°12	1°46	23°31	10°52	10°19	0°31	9°37	W23
T 24	6 8 55	1°15'48	2♎30	11°57	12°34	23°54	20° 8	4° 7	26°16	1°48	23°30	10°52	10°16	0°38	9°38	T 24
F 25	6 12 52	2°16'37	15°49	13°30	13°45	24°37	20°19	4°12	26°19	1°49	23°29	10°52	10°13	0°45	9°38	F 25
S 26	6 16 48	3°17'28	28°48	15° 2	14°57	25°20	20°31	4°17	26°23	1°50	23°27	10°51	10°10	0°52	9°38	S 26
S 27	6 20 45	4°18'19	11♏32	16°35	16° 8	26° 2	20°43	4°22	26°27	1°52	23°26	10°48	10° 7	0°58	9°38	S 27
M28	6 24 41	5°19'12	24° 3	18° 7	17°19	26°45	20°55	4°27	26°30	1°53	23°25	10°42	10° 3	1° 5	9°39	M28
T 29	6 28 38	6°20'07	6♐24	19°39	18°30	27°28	21° 7	4°32	26°34	1°55	23°24	10°33	10° 0	1°12	9°39	T 29
W30	6 32 34	7°21'02	18°37	21°10	19°41	28°11	21°19	4°37	26°38	1°56	23°23	10°21	9°57	1°18	9°39	W30
T 31	6 36 31	8♑21'58	0♑43	22♑42	20♒52	28♐54	21♒31	4♏41	26♐41	1♓58	23♋22	10♈ 6	9♈54	1♒25	9♈40	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s31	22s51	3s32	21s 8	0n 2	24s24	1s57	21s38	0s11	16s32	0s40	9s57	2n15	23s16	0s 4	11s 8	0s15	17n13	4s 2	5n11	4n31	25s15	6n13	2n34
W 2	21 40	25 57	4 14	21 30	0s 5	24 17	1 59	21 45	0 11	16 29	0 40	9 59	2 15	23 16	0 4	11 8	0 15	17 13	4 2	5 7	4 30	25 14	6 13	2 34
T 3	21 49	27 46	4 44	21 52	0 11	24 10	2 0	21 52	0 12	16 26	0 39	10 1	2 15	23 16	0 4	11 8	0 15	17 13	4 2	5 3	4 28	25 12	6 12	2 33
F 4	21 58	28 14	5 0	22 13	0 18	24 1	2 2	21 59	0 12	16 24	0 39	10 3	2 15	23 16	0 4	11 8	0 15	17 13	4 2	4 59	4 27	25 10	6 12	2 33
S 5	22 6	27 21	5 3	22 32	0 25	23 52	2 3	22 6	0 13	16 21	0 39	10 5	2 16	23 16	0 4	11 7	0 15	17 14	4 2	4 54	4 26	25 9	6 11	2 33
S 6	22 14	25 13	4 52	22 51	0 31	23 43	2 4	22 12	0 13	16 18	0 39	10 7	2 16	23 17	0 4	11 7	0 15	17 14	4 2	4 50	4 25	25 7	6 11	2 33
M 7	22 21	22 1	4 29	23 8	0 38	23 32	2 6	22 19	0 14	16 15	0 39	10 9	2 16	23 17	0 4	11 7	0 15	17 14	4 2	4 47	4 24	25 5	6 10	2 33
T 8	22 28	17 55	3 55	23 24	0 44	23 22	2 7	22 25	0 15	16 12	0 39	10 10	2 16	23 17	0 4	11 6	0 15	17 14	4 2	4 45	4 22	25 4	6 10	2 32
W 9	22 34	13 7	3 10	23 39	0 51	23 10	2 8	22 30	0 15	16 9	0 39	10 12	2 16	23 17	0 4	11 6	0 15	17 14	4 2	4 44	4 21	25 2	6 9	2 32
T 10	22 40	7 45	2 16	23 52	0 57	22 58	2 9	22 36	0 16	16 6	0 39	10 14	2 16	23 17	0 4	11 6	0 15	17 14	4 2	4 44	4 20	25 0	6 9	2 32
F 11	22 46	1 59	1 15	24 5	1 3	22 45	2 10	22 41	0 16	16 3	0 39	10 16	2 17	23 17	0 4	11 6	0 15	17 14	4 3	4 44	4 19	24 59	6 8	2 32
S 12	22 51	4n 0	0 8	24 16	1 9	22 31	2 10	22 47	0 17	15 59	0 39	10 18	2 17	23 17	0 4	11 5	0 15	17 15	4 3	4 44	4 17	24 57	6 8	2 32
S 13	22 56	10 1	1n 1	24 26	1 14	22 17	2 11	22 52	0 18	15 56	0 39	10 20	2 17	23 17	0 4	11 5	0 15	17 15	4 3	4 44	4 16	24 55	6 7	2 31
M14	23 0	15 48	2 8	24 34	1 20	22 2	2 12	22 57	0 18	15 53	0 39	10 22	2 17	23 18	0 4	11 4	0 15	17 15	4 2	4 43	4 15	24 53	6 7	2 31
T 15	23 4	20 58	3 11	24 42	1 25	21 47	2 12	23 1	0 19	15 50	0 39	10 23	2 17	23 18	0 4	11 4	0 15	17 15	4 2	4 41	4 14	24 52	6 7	2 31
W16	23 7	25 4	4 3	24 48	1 30	21 31	2 12	23 6	0 19	15 46	0 39	10 25	2 17	23 18	0 4	11 4	0 15	17 15	4 2	4 38	4 12	24 50	6 6	2 31
T 17	23 10	27 36	4 41	24 53	1 35	21 14	2 13	23 10	0 20	15 43	0 39	10 27	2 18	23 18	0 4	11 3	0 15	17 15	4 2	4 34	4 11	24 48	6 6	2 30
F 18	23 12	28 10	4 59	24 56	1 40	20 57	2 13	23 14	0 20	15 40	0 39	10 28	2 18	23 18	0 4	11 3	0 15	17 16	4 2	4 30	4 10	24 47	6 6	2 30
S 19	23 14	26 38	4 57	24 58	1 45	20 39	2 13	23 17	0 21	15 36	0 39	10 30	2 18	23 18	0 4	11 3	0 15	17 16	4 2	4 25	4 9	24 45	6 6	2 30
S 20	23 16	23 12	4 34	24 59	1 49	20 21	2 13	23 21	0 22	15 33	0 39	10 32	2 18	23 18	0 4	11 2	0 15	17 16	4 2	4 22	4 7	24 43	6 5	2 30
M21	23 17	18 19	3 53	24 58	1 53	20 2	2 13	23 24	0 22	15 29	0 39	10 33	2 18	23 18	0 4	11 2	0 15	17 16	4 2	4 19	4 6	24 41	6 5	2 30
T 22	23 17	12 28	2 58	24 56	1 57	19 43	2 13	23 27	0 23	15 26	0 39	10 35	2 19	23 19	0 4	11 1	0 15	17 16	4 2	4 17	4 5	24 40	6 5	2 29
W23	23 17	6 8	1 54	24 53	2 0	19 23	2 12	23 30	0 23	15 22	0 39	10 36	2 19	23 19	0 4	11 1	0 15	17 17	4 2	4 17	4 4	24 38	6 5	2 29
T 24	23 17	0s19	0 44	24 49	2 4	19 3	2 12	23 33	0 24	15 18	0 39	10 38	2 19	23 19	0 4	11 0	0 15	17 17	4 2	4 16	4 3	24 36	6 5	2 29
F 25	23 16	6 35	0s26	24 43	2 7	18 42	2 12	23 35	0 24	15 15	0 39	10 39	2 19	23 19	0 4	11 0	0 15	17 17	4 2	4 16	4 1	24 34	6 4	2 29
S 26	23 15	12 26	1 33	24 35	2 9	18 20	2 11	23 38	0 25	15 11	0 39	10 41	2 19	23 19	0 4	10 59	0 15	17 17	4 2	4 16	4 0	24 32	6 4	2 29
S 27	23 13	17 39	2 34	24 27	2 12	17 59	2 10	23 40	0 26	15 7	0 39	10 42	2 20	23 19	0 5	10 59	0 15	17 17	4 2	4 15	3 59	24 31	6 4	2 28
M28	23 11	22 0	3 27	24 17	2 13	17 36	2 9	23 41	0 26	15 3	0 39	10 44	2 20	23 19	0 5	10 58	0 15	17 18	4 2	4 12	3 58	24 29	6 4	2 28
T 29	23 8	25 19	4 8	24 5	2 15	17 14	2 8	23 43	0 27	15 0	0 39	10 45	2 20	23 19	0 5	10 58	0 15	17 18	4 2	4 9	3 56	24 27	6 4	2 28
W30	23 5	27 26	4 38	23 53	2 16	16 50	2 7	23 44	0 27	14 56	0 39	10 46	2 20	23 19	0 5	10 57	0 15	17 18	4 2	4 4	3 55	24 25	6 4	2 28
T 31	23s 2	28s12	4s55	23s39	2s17	16s27	2s 6	23s45	0s28	14s52	0s39	10s48	2n20	23s20	0s 5	10s57	0s15	17n18	4s 2	3n59	3n54	24s23	6n 4	2n28

Julian Day Number = 2875194.5, Delta T = 01h13m34s
Ecliptic obliquity = 23°17'30, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°59'01, Lahiri = 40°06'01

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ASTRODIENST EPHEMERIS for the year 3160
geocentric

JANUARY 3160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 40 28	9♑22'55	12♑43	24♑13	22♒ 2	29♐38	21♒43	4♏46	26♐45	1♓59	23°R20	9°R51	9♈51	1♒32	9♈41	F 1
S 2	6 44 24	10°23'53	24°38	25°43	23°13	0♑21	21°56	4°50	26°49	2° 1	23♋19	9♈36	9°48	1°39	9°41	S 2
S 3	6 48 21	11°24'52	6♒29	27°13	24°24	1° 4	22° 8	4°54	26°52	2° 2	23°18	9°22	9°44	1°45	9°42	S 3
M 4	6 52 17	12°25'51	18°19	28°43	25°34	1°47	22°21	4°59	26°56	2° 4	23°17	9°11	9°41	1°52	9°43	M 4
T 5	6 56 14	13°26'51	0♓ 9	0♒11	26°44	2°31	22°33	5° 3	26°59	2° 6	23°16	9° 3	9°38	1°59	9°43	T 5
W 6	7 0 10	14°27'51	12° 3	1°39	27°55	3°14	22°46	5° 7	27° 3	2° 7	23°15	8°58	9°35	2° 5	9°44	W 6
T 7	7 4 7	15°28'52	24° 5	3° 5	29° 5	3°57	22°58	5°11	27° 7	2° 9	23°13	8°55	9°32	2°12	9°45	T 7
F 8	7 8 4	16°29'53	6♈19	4°31	0♓15	4°41	23°11	5°15	27°10	2°11	23°12	8°D55	9°28	2°19	9°46	F 8
S 9	7 12 0	17°30'54	18°51	5°54	1°24	5°24	23°24	5°19	27°14	2°12	23°11	8°R55	9°25	2°26	9°47	S 9
S 10	7 15 57	18°31'56	1♉45	7°16	2°34	6° 8	23°37	5°22	27°17	2°14	23°10	8°54	9°22	2°32	9°48	S 10
M11	7 19 53	19°32'58	15° 7	8°35	3°44	6°51	23°50	5°26	27°21	2°16	23° 8	8°52	9°19	2°39	9°49	M11
T 12	7 23 50	20°34'00	28°58	9°52	4°53	7°35	24° 3	5°30	27°24	2°18	23° 7	8°47	9°16	2°46	9°50	T 12
W13	7 27 46	21°35'02	13♊21	11° 5	6° 2	8°19	24°16	5°33	27°28	2°20	23° 6	8°40	9°13	2°52	9°52	W13
T 14	7 31 43	22°36'05	28°11	12°15	7°12	9° 2	24°29	5°36	27°31	2°21	23° 5	8°30	9° 9	2°59	9°53	T 14
F 15	7 35 39	23°37'08	13♋21	13°20	8°21	9°46	24°42	5°40	27°35	2°23	23° 4	8°19	9° 6	3° 6	9°54	F 15
S 16	7 39 36	24°38'11	28°42	14°21	9°29	10°30	24°56	5°43	27°38	2°25	23° 2	8° 8	9° 3	3°13	9°55	S 16
S 17	7 43 33	25°39'14	14♌ 1	15°15	10°38	11°14	25° 9	5°46	27°41	2°27	23° 1	7°58	9° 0	3°19	9°57	S 17
M18	7 47 29	26°40'18	29° 8	16° 4	11°46	11°58	25°22	5°49	27°45	2°29	23° 0	7°51	8°57	3°26	9°58	M18
T 19	7 51 26	27°41'22	13♍54	16°45	12°55	12°42	25°36	5°52	27°48	2°31	22°59	7°46	8°54	3°33	10° 0	T 19
W20	7 55 22	28°42'27	28°13	17°17	14° 3	13°26	25°49	5°55	27°51	2°33	22°58	7°44	8°50	3°39	10° 1	W20
T 21	7 59 19	29°43'32	12♎ 3	17°41	15°11	14°10	26° 3	5°57	27°55	2°35	22°56	7°D44	8°47	3°46	10° 3	T 21
F 22	8 3 15	0♒44'37	25°27	17°54	16°19	14°54	26°16	6° 0	27°58	2°37	22°55	7°R44	8°44	3°53	10° 5	F 22
S 23	8 7 12	1°45'43	8♏27	17°R56	17°26	15°38	26°30	6° 2	28° 1	2°39	22°54	7°44	8°41	3°59	10° 6	S 23
S 24	8 11 8	2°46'49	21° 6	17°47	18°33	16°22	26°43	6° 5	28° 4	2°41	22°53	7°42	8°38	4° 6	10° 8	S 24
M25	8 15 5	3°47'55	3♐30	17°27	19°41	17° 6	26°57	6° 7	28° 8	2°43	22°51	7°38	8°34	4°13	10°10	M25
T 26	8 19 2	4°49'02	15°42	16°54	20°48	17°51	27°11	6° 9	28°11	2°45	22°50	7°31	8°31	4°20	10°12	T 26
W27	8 22 58	5°50'09	27°45	16°10	21°54	18°35	27°25	6°11	28°14	2°47	22°49	7°22	8°28	4°26	10°14	W27
T 28	8 26 55	6°51'16	9♑42	15°15	23° 1	19°19	27°38	6°13	28°17	2°49	22°48	7°11	8°25	4°33	10°16	T 28
F 29	8 30 51	7°52'23	21°36	14°11	24° 7	20° 4	27°52	6°15	28°20	2°51	22°47	6°58	8°22	4°40	10°18	F 29
S 30	8 34 48	8°53'29	3♒28	13° 0	25°13	20°48	28° 6	6°17	28°23	2°53	22°46	6°46	8°19	4°46	10°20	S 30
S 31	8 38 44	9♒54'36	15♒19	11♒44	26♓19	21♑33	28♒20	6♏19	28♐26	2♓56	22♋44	6♈35	8♈15	4♒53	10♈22	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s58	27s38	4s59	23s23	2s17	16s 3	2s 5	23s46	0s28	14s48	0s39	10s49	2n21	23s20	0s 5	10s56	0s15	17n18	4s 2	3n53	3n53	24s22	6n 4	2n27
S 2	22 53	25 48	4 49	23 7	2 17	15 38	2 4	23 46	0 29	14 44	0 39	10 50	2 21	23 20	0 5	10 56	0 15	17 19	4 2	3 47	3 51	24 20	6 4	2 27
S 3	22 48	22 50	4 27	22 49	2 16	15 14	2 2	23 47	0 30	14 40	0 39	10 51	2 21	23 20	0 5	10 55	0 15	17 19	4 2	3 42	3 50	24 18	6 4	2 27
M 4	22 43	18 56	3 53	22 30	2 15	14 49	2 0	23 47	0 30	14 36	0 39	10 53	2 21	23 20	0 5	10 55	0 15	17 19	4 2	3 37	3 49	24 16	6 4	2 27
T 5	22 37	14 18	3 9	22 9	2 13	14 23	1 59	23 47	0 31	14 32	0 39	10 54	2 22	23 20	0 5	10 54	0 15	17 19	4 2	3 34	3 48	24 14	6 5	2 27
W 6	22 31	9 7	2 17	21 48	2 11	13 57	1 57	23 46	0 31	14 28	0 39	10 55	2 22	23 20	0 5	10 53	0 15	17 20	4 2	3 32	3 46	24 12	6 5	2 26
T 7	22 24	3 32	1 18	21 25	2 8	13 31	1 55	23 46	0 32	14 24	0 39	10 56	2 22	23 20	0 5	10 53	0 15	17 20	4 2	3 31	3 45	24 10	6 5	2 26
F 8	22 17	2n17	0 14	21 2	2 4	13 5	1 53	23 45	0 32	14 20	0 39	10 57	2 22	23 20	0 5	10 52	0 15	17 20	4 2	3 31	3 44	24 8	6 5	2 26
S 9	22 9	8 9	0n52	20 37	2 0	12 38	1 51	23 44	0 33	14 15	0 39	10 58	2 23	23 20	0 5	10 52	0 15	17 20	4 2	3 31	3 43	24 7	6 5	2 26
S 10	22 1	13 51	1 58	20 12	1 55	12 11	1 48	23 43	0 34	14 11	0 39	10 59	2 23	23 20	0 5	10 51	0 15	17 21	4 2	3 31	3 41	24 5	6 5	2 26
M11	21 53	19 7	2 59	19 45	1 49	11 44	1 46	23 41	0 34	14 7	0 39	11 0	2 23	23 21	0 5	10 50	0 15	17 21	4 2	3 30	3 40	24 3	6 6	2 25
T 12	21 44	23 35	3 52	19 18	1 42	11 16	1 43	23 39	0 35	14 3	0 39	11 1	2 23	23 21	0 5	10 50	0 15	17 21	4 2	3 28	3 39	24 1	6 6	2 25
W13	21 34	26 46	4 32	18 51	1 34	10 48	1 41	23 37	0 35	13 58	0 39	11 2	2 24	23 21	0 5	10 49	0 15	17 21	4 2	3 25	3 38	23 59	6 6	2 25
T 14	21 25	28 13	4 56	18 23	1 26	10 20	1 38	23 35	0 36	13 54	0 39	11 3	2 24	23 21	0 5	10 48	0 15	17 22	4 2	3 21	3 36	23 57	6 7	2 25
F 15	21 14	27 36	5 0	17 56	1 16	9 52	1 35	23 32	0 36	13 50	0 39	11 4	2 24	23 21	0 5	10 48	0 15	17 22	4 2	3 17	3 35	23 55	6 7	2 25
S 16	21 4	24 54	4 42	17 28	1 5	9 23	1 32	23 30	0 37	13 45	0 40	11 4	2 24	23 21	0 5	10 47	0 15	17 22	4 2	3 12	3 34	23 53	6 7	2 24
S 17	20 53	20 25	4 4	17 1	0 53	8 54	1 29	23 27	0 37	13 41	0 40	11 5	2 25	23 21	0 5	10 46	0 15	17 22	4 1	3 9	3 33	23 51	6 8	2 24
M18	20 41	14 40	3 9	16 34	0 41	8 25	1 26	23 23	0 38	13 36	0 40	11 6	2 25	23 21	0 5	10 46	0 15	17 23	4 1	3 6	3 31	23 49	6 8	2 24
T 19	20 30	8 11	2 3	16 9	0 27	7 56	1 22	23 20	0 39	13 32	0 40	11 7	2 25	23 21	0 5	10 45	0 15	17 23	4 1	3 4	3 30	23 47	6 8	2 24
W20	20 18	1 29	0 50	15 45	0 12	7 27	1 19	23 16	0 39	13 27	0 40	11 7	2 25	23 21	0 5	10 44	0 15	17 23	4 1	3 3	3 29	23 45	6 9	2 24
T 21	20 5	5s 5	0s23	15 22	0n 4	6 58	1 15	23 12	0 40	13 23	0 40	11 8	2 26	23 21	0 5	10 44	0 15	17 23	4 1	3 3	3 28	23 43	6 9	2 23
F 22	19 52	11 13	1 33	15 2	0 21	6 28	1 11	23 8	0 40	13 18	0 40	11 9	2 26	23 21	0 5	10 43	0 15	17 24	4 1	3 3	3 27	23 41	6 10	2 23
S 23	19 39	16 41	2 36	14 44	0 39	5 58	1 7	23 3	0 41	13 14	0 40	11 9	2 26	23 21	0 5	10 42	0 15	17 24	4 1	3 3	3 25	23 40	6 10	2 23
S 24	19 25	21 17	3 29	14 29	0 58	5 28	1 4	22 59	0 41	13 9	0 40	11 10	2 26	23 21	0 5	10 41	0 15	17 24	4 1	3 2	3 24	23 38	6 11	2 23
M25	19 11	24 50	4 12	14 18	1 16	4 58	0 59	22 54	0 42	13 5	0 40	11 10	2 27	23 22	0 5	10 41	0 15	17 24	4 1	3 1	3 23	23 36	6 11	2 23
T 26	18 57	27 12	4 42	14 10	1 35	4 28	0 55	22 49	0 42	13 0	0 40	11 11	2 27	23 22	0 5	10 40	0 15	17 25	4 1	2 58	3 22	23 34	6 12	2 22
W27	18 42	28 15	4 59	14 5	1 54	3 58	0 51	22 43	0 43	12 55	0 40	11 11	2 27	23 22	0 5	10 39	0 15	17 25	4 1	2 54	3 20	23 32	6 13	2 22
T 28	18 27	27 58	5 3	14 4	2 12	3 28	0 46	22 38	0 44	12 51	0 40	11 11	2 27	23 22	0 5	10 39	0 15	17 25	4 1	2 50	3 19	23 30	6 13	2 22
F 29	18 11	26 24	4 53	14 6	2 29	2 58	0 42	22 32	0 44	12 46	0 40	11 12	2 28	23 22	0 5	10 38	0 15	17 25	4 1	2 45	3 18	23 28	6 14	2 22
S 30	17 55	23 40	4 31	14 11	2 44	2 28	0 37	22 26	0 45	12 41	0 40	11 12	2 28	23 22	0 5	10 37	0 15	17 26	4 1	2 40	3 17	23 25	6 14	2 22
S 31	17s39	19s56	3s58	14s20	2n57	1s57	0s32	22s19	0s45	12s36	0s40	11s12	2n28	23s22	0s 5	10s36	0s15	17n26	4s 0	2n36	3n15	23s23	6n15	2n22

Julian Day Number = 2875225.5, Delta T = 01h13m35s
Ecliptic obliquity = 23°17'30, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°59'05, Lahiri = 40°06'06

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ASTRODIENST EPHEMERIS for the year 3160
geocentric

FEBRUARY 3160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 42 41	10♒55'42	27♒10	10°R24	27♓24	22♉17	28♒34	6♏20	28♐29	2♓58	22°R43	6°R26	8♈12	5♒ 0	10♈24	M 1
T 2	8 46 37	11°56'48	9♓ 5	9♒ 5	28°30	23° 2	28°48	6°22	28°32	3° 0	22♋42	6♈20	8° 9	5° 7	10°26	T 2
W 3	8 50 34	12°57'53	21° 4	7°48	29°35	23°46	29° 2	6°23	28°35	3° 2	22°41	6°16	8° 6	5°13	10°28	W 3
T 4	8 54 31	13°58'58	3♈11	6°35	0♈39	24°31	29°16	6°24	28°38	3° 4	22°40	6°D15	8° 3	5°20	10°31	T 4
F 5	8 58 27	15° 0'02	15°28	5°29	1°44	25°16	29°30	6°25	28°41	3° 6	22°39	6°15	8° 0	5°27	10°33	F 5
S 6	9 2 24	16° 1'06	28° 0	4°30	2°48	26° 1	29°44	6°27	28°44	3° 9	22°38	6°16	7°56	5°33	10°35	S 6
S 7	9 6 20	17° 2'08	10♉52	3°40	3°52	26°45	29°58	6°27	28°46	3°11	22°36	6°R17	7°53	5°40	10°38	S 7
M 8	9 10 17	18° 3'11	24° 6	2°59	4°55	27°30	0♓12	6°28	28°49	3°13	22°35	6°17	7°50	5°47	10°40	M 8
T 9	9 14 13	19° 4'12	7♊46	2°27	5°58	28°15	0°27	6°29	28°52	3°15	22°34	6°15	7°47	5°54	10°43	T 9
W10	9 18 10	20° 5'12	21°55	2° 5	7° 1	29° 0	0°41	6°30	28°55	3°17	22°33	6°12	7°44	6° 0	10°45	W10
T 11	9 22 6	21° 6'12	6♋30	1°52	8° 3	29°45	0°55	6°30	28°57	3°20	22°32	6° 6	7°40	6° 7	10°48	T 11
F 12	9 26 3	22° 7'11	21°27	1°D47	9° 5	0♒30	1° 9	6°30	29° 0	3°22	22°31	6° 0	7°37	6°14	10°50	F 12
S 13	9 30 0	23° 8'08	6♌39	1°50	10° 7	1°15	1°23	6°31	29° 2	3°24	22°30	5°53	7°34	6°20	10°53	S 13
S 14	9 33 56	24° 9'05	21°56	2° 1	11° 8	2° 0	1°38	6°31	29° 5	3°26	22°29	5°46	7°31	6°27	10°56	S 14
M15	9 37 53	25°10'02	7♍ 6	2°19	12° 9	2°45	1°52	6°R31	29° 7	3°29	22°28	5°42	7°28	6°34	10°58	M15
T 16	9 41 49	26°10'57	22° 0	2°44	13° 9	3°30	2° 6	6°31	29°10	3°31	22°27	5°39	7°25	6°40	11° 1	T 16
W17	9 45 46	27°11'51	6♎31	3°14	14° 9	4°15	2°21	6°31	29°12	3°33	22°26	5°D38	7°21	6°47	11° 4	W17
T 18	9 49 42	28°12'45	20°34	3°49	15° 8	5° 0	2°35	6°31	29°14	3°35	22°25	5°39	7°18	6°54	11° 7	T 18
F 19	9 53 39	29°13'39	4♏ 9	4°30	16° 7	5°46	2°49	6°30	29°17	3°38	22°24	5°41	7°15	7° 1	11° 9	F 19
S 20	9 57 35	0♓14'32	17°17	5°14	17° 6	6°31	3° 3	6°30	29°19	3°40	22°23	5°42	7°12	7° 7	11°12	S 20
S 21	10 1 32	1°15'24	0♐ 2	6° 3	18° 4	7°16	3°18	6°29	29°21	3°42	22°22	5°R43	7° 9	7°14	11°15	S 21
M22	10 5 29	2°16'15	12°27	6°55	19° 1	8° 1	3°32	6°28	29°23	3°45	22°21	5°42	7° 6	7°21	11°18	M22
T 23	10 9 25	3°17'06	24°38	7°51	19°58	8°47	3°46	6°28	29°26	3°47	22°21	5°40	7° 2	7°27	11°21	T 23
W24	10 13 22	4°17'56	6♑38	8°50	20°54	9°32	4° 1	6°27	29°28	3°49	22°20	5°37	6°59	7°34	11°24	W24
T 25	10 17 18	5°18'45	18°31	9°51	21°50	10°18	4°15	6°26	29°30	3°51	22°19	5°32	6°56	7°41	11°27	T 25
F 26	10 21 15	6°19'34	0♒22	10°56	22°45	11° 3	4°29	6°25	29°32	3°54	22°18	5°26	6°53	7°48	11°30	F 26
S 27	10 25 11	7°20'21	12°12	12° 2	23°40	11°49	4°44	6°23	29°34	3°56	22°17	5°21	6°50	7°54	11°33	S 27
S 28	10 29 8	8°21'07	24° 5	13°11	24°34	12°34	4°58	6°22	29°36	3°58	22°16	5°16	6°46	8° 1	11°36	S 28
M29	10 33 4	9♓21'52	6♓ 2	14♒21	25♈27	13♒20	5♓12	6♏21	29♐37	4♓ 0	22♋16	5♈12	6♈43	8♒ 8	11♈39	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s23	15s24	3s13	14s30	3n 8	1s27	0s28	22s13	0s46	12s32	0s40	11s13	2n28	23s22	0s 5	10s36	0s15	17n26	4s 0	2n32	3n14	23s21	6n16	2n21
T 2	17 6	10 17	2 20	14 43	3 17	0 56	0 23	22 6	0 46	12 27	0 40	11 13	2 29	23 22	0 5	10 35	0 15	17 27	4 0	2 30	3 13	23 19	6 16	2 21
W 3	16 49	4 45	1 21	14 57	3 22	0 26	0 17	21 59	0 47	12 22	0 40	11 13	2 29	23 22	0 5	10 34	0 15	17 27	4 0	2 28	3 12	23 17	6 17	2 21
T 4	16 32	1n 0	0 17	15 11	3 26	0n 4	0 12	21 52	0 47	12 17	0 40	11 13	2 29	23 22	0 5	10 33	0 15	17 27	4 0	2 28	3 10	23 15	6 18	2 21
F 5	16 14	6 49	0n49	15 26	3 27	0 35	0 7	21 44	0 48	12 12	0 40	11 13	2 30	23 22	0 5	10 32	0 15	17 27	4 0	2 28	3 9	23 13	6 19	2 21
S 6	15 56	12 29	1 55	15 41	3 25	1 5	0 1	21 36	0 48	12 7	0 40	11 13	2 30	23 22	0 5	10 32	0 15	17 28	4 0	2 28	3 8	23 11	6 19	2 20
S 7	15 38	17 46	2 55	15 56	3 22	1 35	0n 4	21 28	0 49	12 3	0 40	11 13	2 30	23 22	0 5	10 31	0 15	17 28	4 0	2 29	3 7	23 9	6 20	2 20
M 8	15 20	22 23	3 49	16 11	3 17	2 6	0 10	21 20	0 49	11 58	0 40	11 13	2 30	23 22	0 5	10 30	0 15	17 28	4 0	2 29	3 5	23 7	6 21	2 20
T 9	15 1	25 56	4 31	16 24	3 10	2 36	0 16	21 12	0 50	11 53	0 40	11 13	2 31	23 22	0 5	10 29	0 15	17 28	4 0	2 28	3 4	23 5	6 22	2 20
W10	14 42	28 1	4 59	16 37	3 2	3 6	0 22	21 3	0 50	11 48	0 40	11 13	2 31	23 22	0 5	10 29	0 15	17 29	4 0	2 27	3 3	23 3	6 23	2 20
T 11	14 23	28 16	5 8	16 48	2 53	3 36	0 28	20 54	0 51	11 43	0 40	11 13	2 31	23 22	0 5	10 28	0 15	17 29	3 59	2 25	3 2	23 1	6 23	2 20
F 12	14 3	26 29	4 57	16 59	2 44	4 6	0 34	20 45	0 51	11 38	0 41	11 13	2 31	23 22	0 5	10 27	0 15	17 29	3 59	2 22	3 0	22 59	6 24	2 19
S 13	13 43	22 47	4 25	17 8	2 33	4 36	0 40	20 36	0 52	11 33	0 41	11 13	2 32	23 22	0 5	10 26	0 15	17 29	3 59	2 19	2 59	22 57	6 25	2 19
S 14	13 23	17 30	3 35	17 16	2 23	5 5	0 46	20 27	0 52	11 28	0 41	11 13	2 32	23 22	0 5	10 25	0 15	17 30	3 59	2 17	2 58	22 54	6 26	2 19
M15	13 3	11 9	2 29	17 23	2 12	5 35	0 53	20 17	0 53	11 23	0 41	11 13	2 32	23 22	0 5	10 25	0 15	17 30	3 59	2 15	2 57	22 52	6 27	2 19
T 16	12 43	4 17	1 13	17 29	2 0	6 4	0 59	20 7	0 53	11 18	0 41	11 12	2 33	23 22	0 5	10 24	0 15	17 30	3 59	2 14	2 55	22 50	6 28	2 19
W17	12 22	2s39	0s 5	17 33	1 49	6 34	1 6	19 57	0 54	11 13	0 41	11 12	2 33	23 22	0 5	10 23	0 15	17 31	3 59	2 14	2 54	22 48	6 29	2 19
T 18	12 1	9 14	1 20	17 36	1 38	7 3	1 12	19 47	0 54	11 8	0 41	11 12	2 33	23 23	0 5	10 22	0 15	17 31	3 59	2 14	2 53	22 46	6 30	2 19
F 19	11 40	15 10	2 29	17 37	1 26	7 31	1 19	19 36	0 55	11 3	0 41	11 11	2 33	23 23	0 5	10 21	0 15	17 31	3 59	2 15	2 52	22 44	6 31	2 18
S 20	11 19	20 12	3 27	17 37	1 15	8 0	1 26	19 25	0 55	10 58	0 41	11 11	2 34	23 23	0 5	10 20	0 15	17 31	3 58	2 15	2 50	22 42	6 32	2 18
S 21	10 58	24 10	4 14	17 36	1 4	8 29	1 33	19 14	0 56	10 52	0 41	11 10	2 34	23 23	0 5	10 20	0 15	17 32	3 58	2 15	2 49	22 39	6 33	2 18
M22	10 36	26 53	4 47	17 34	0 53	8 57	1 40	19 3	0 56	10 47	0 41	11 10	2 34	23 23	0 5	10 19	0 15	17 32	3 58	2 15	2 48	22 37	6 34	2 18
T 23	10 14	28 17	5 6	17 30	0 43	9 25	1 47	18 52	0 57	10 42	0 41	11 9	2 34	23 23	0 5	10 18	0 15	17 32	3 58	2 14	2 47	22 35	6 35	2 18
W24	9 52	28 19	5 12	17 25	0 32	9 53	1 55	18 40	0 57	10 37	0 41	11 9	2 35	23 23	0 5	10 17	0 15	17 32	3 58	2 13	2 45	22 33	6 36	2 18
T 25	9 30	27 2	5 4	17 19	0 22	10 21	2 2	18 29	0 58	10 32	0 41	11 8	2 35	23 23	0 5	10 16	0 15	17 33	3 58	2 11	2 44	22 31	6 37	2 17
F 26	9 8	24 33	4 43	17 11	0 12	10 48	2 9	18 17	0 58	10 27	0 41	11 8	2 35	23 23	0 5	10 16	0 15	17 33	3 58	2 9	2 43	22 29	6 38	2 17
S 27	8 46	21 2	4 10	17 2	0 3	11 15	2 17	18 5	0 59	10 22	0 42	11 7	2 35	23 23	0 5	10 15	0 15	17 33	3 58	2 7	2 42	22 26	6 39	2 17
S 28	8 23	16 39	3 26	16 52	0s 7	11 42	2 24	17 52	0 59	10 17	0 42	11 6	2 36	23 23	0 5	10 14	0 15	17 33	3 58	2 5	2 40	22 24	6 40	2 17
M29	8s 1	11s37	2s33	16s41	0s16	12n 9	2n32	17s40	0s59	10s11	0s42	11s 6	2n36	23s23	0s 5	10s13	0s15	17n34	3s57	2n 3	2n39	22s22	6n41	2n17

Julian Day Number = 2875256.5, Delta T = 01h13m36s
Ecliptic obliquity = 23°17'30, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°59'09, Lahiri = 40°06'10

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ASTRODIENST EPHEMERIS for the year 3160
geocentric

MARCH 3160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 37 1	10♓22'35	18♓ 4	15♒34	26♈19	14♒ 6	5♓27	6°R19	29♐39	4♓ 3	22°R15	5°R10	6♈40	8♒14	11♈43	T 1
W 2	10 40 58	11°23'18	0♈15	16°48	27°11	14°51	5°41	6♏18	29°41	4° 5	22♋14	5°D 9	6°37	8°21	11°46	W 2
T 3	10 44 54	12°23'59	12°34	18° 3	28° 2	15°37	5°55	6°16	29°43	4° 7	22°13	5♈ 9	6°34	8°28	11°49	T 3
F 4	10 48 51	13°24'38	25° 4	19°21	28°52	16°23	6°10	6°14	29°44	4°10	22°13	5°10	6°31	8°34	11°52	F 4
S 5	10 52 47	14°25'16	7♉48	20°39	29°42	17° 8	6°24	6°12	29°46	4°12	22°12	5°11	6°27	8°41	11°55	S 5
S 6	10 56 44	15°25'53	20°46	22° 0	0♉30	17°54	6°38	6°10	29°47	4°14	22°11	5°13	6°24	8°48	11°59	S 6
M 7	11 0 40	16°26'28	4♊ 3	23°21	1°18	18°40	6°52	6° 8	29°49	4°16	22°11	5°14	6°21	8°55	12° 2	M 7
T 8	11 4 37	17°27'01	17°39	24°44	2° 5	19°26	7° 7	6° 6	29°50	4°19	22°10	5°R14	6°18	9° 1	12° 5	T 8
W 9	11 8 33	18°27'33	1♋36	26° 8	2°50	20°12	7°21	6° 3	29°52	4°21	22° 9	5°14	6°15	9° 8	12° 9	W 9
T 10	11 12 30	19°28'03	15°53	27°33	3°35	20°57	7°35	6° 1	29°53	4°23	22° 9	5°13	6°12	9°15	12°12	T 10
F 11	11 16 27	20°28'31	0♌28	28°59	4°19	21°43	7°49	5°59	29°54	4°25	22° 8	5°11	6° 8	9°21	12°15	F 11
S 12	11 20 23	21°28'57	15°16	0♓26	5° 1	22°29	8° 3	5°56	29°56	4°27	22° 8	5° 9	6° 5	9°28	12°19	S 12
S 13	11 24 20	22°29'21	0♍11	1°55	5°43	23°15	8°18	5°53	29°57	4°30	22° 7	5° 8	6° 2	9°35	12°22	S 13
M14	11 28 16	23°29'44	15° 5	3°24	6°23	24° 1	8°32	5°51	29°58	4°32	22° 7	5° 7	5°59	9°41	12°26	M14
T 15	11 32 13	24°30'05	29°50	4°55	7° 2	24°47	8°46	5°48	29°59	4°34	22° 6	5°D 6	5°56	9°48	12°29	T 15
W16	11 36 9	25°30'24	14♎18	6°26	7°40	25°33	9° 0	5°45	0♑ 0	4°36	22° 6	5° 6	5°52	9°55	12°32	W16
T 17	11 40 6	26°30'42	28°24	7°59	8°17	26°19	9°14	5°42	0° 1	4°38	22° 5	5° 7	5°49	10° 2	12°36	T 17
F 18	11 44 2	27°30'58	12♏ 6	9°32	8°52	27° 5	9°28	5°39	0° 2	4°40	22° 5	5° 7	5°46	10° 8	12°39	F 18
S 19	11 47 59	28°31'13	25°22	11° 7	9°26	27°52	9°42	5°35	0° 3	4°43	22° 4	5° 8	5°43	10°15	12°43	S 19
S 20	11 51 56	29°31'27	8♐14	12°43	9°58	28°38	9°56	5°32	0° 4	4°45	22° 4	5° 9	5°40	10°22	12°46	S 20
M21	11 55 52	0♈31'39	20°45	14°20	10°29	29°24	10°10	5°29	0° 5	4°47	22° 4	5° 9	5°37	10°28	12°50	M21
T 22	11 59 49	1°31'50	2♑59	15°57	10°58	0♓10	10°24	5°25	0° 5	4°49	22° 3	5°R 9	5°33	10°35	12°53	T 22
W23	12 3 45	2°32'00	15° 1	17°36	11°26	0°56	10°37	5°22	0° 6	4°51	22° 3	5° 9	5°30	10°42	12°57	W23
T 24	12 7 42	3°32'07	26°54	19°16	11°52	1°42	10°51	5°18	0° 7	4°53	22° 3	5° 9	5°27	10°48	13° 0	T 24
F 25	12 11 38	4°32'14	8♒45	20°57	12°16	2°29	11° 5	5°15	0° 7	4°55	22° 2	5° 9	5°24	10°55	13° 4	F 25
S 26	12 15 35	5°32'18	20°36	22°40	12°39	3°15	11°19	5°11	0° 8	4°57	22° 2	5°D 9	5°21	11° 2	13° 8	S 26
S 27	12 19 31	6°32'21	2♓31	24°23	12°59	4° 1	11°32	5° 7	0° 8	4°59	22° 2	5° 9	5°17	11° 8	13°11	S 27
M28	12 23 28	7°32'23	14°34	26° 7	13°18	4°48	11°46	5° 4	0° 9	5° 1	22° 2	5° 9	5°14	11°15	13°15	M28
T 29	12 27 25	8°32'22	26°46	27°53	13°34	5°34	12° 0	5° 0	0° 9	5° 3	22° 2	5° 9	5°11	11°22	13°18	T 29
W30	12 31 21	9°32'20	9♈11	29°39	13°49	6°20	12°13	4°56	0° 9	5° 5	22° 1	5°R 9	5° 8	11°29	13°22	W30
T 31	12 35 18	10♈32'16	21♈48	1♈27	14♉ 1	7♓ 7	12♓27	4♏52	0♑ 9	5♓ 7	22♋ 1	5♈ 9	5♈ 5	11♒35	13♈25	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s38	6s 6	1s32	16s28	0s25	12n35	2n40	17s27	1s 0	10s 6	0s42	11s 5	2n36	23s23	0s 5	10s12	0s15	17n34	3s57	2n 2	2n38	22s20	6n42	2n17
W 2	7 15	0 19	0 27	16 14	0 33	13 1	2 48	17 14	1 0	10 1	0 42	11 4	2 36	23 23	0 5	10 12	0 16	17 34	3 57	2 2	2 37	22 18	6 43	2 17
T 3	6 52	5n34	0n41	15 59	0 41	13 26	2 55	17 1	1 1	9 56	0 42	11 3	2 37	23 23	0 5	10 11	0 16	17 34	3 57	2 2	2 35	22 15	6 44	2 17
F 4	6 29	11 19	1 48	15 42	0 49	13 52	3 3	16 48	1 1	9 51	0 42	11 3	2 37	23 23	0 5	10 10	0 16	17 35	3 57	2 2	2 34	22 13	6 46	2 16
S 5	6 6	16 43	2 50	15 25	0 57	14 17	3 11	16 35	1 2	9 46	0 42	11 2	2 37	23 23	0 5	10 9	0 16	17 35	3 57	2 3	2 33	22 11	6 47	2 16
S 6	5 42	21 28	3 46	15 6	1 4	14 41	3 19	16 21	1 2	9 40	0 42	11 1	2 37	23 23	0 5	10 8	0 16	17 35	3 57	2 4	2 32	22 9	6 48	2 16
M 7	5 19	25 15	4 30	14 46	1 11	15 6	3 27	16 8	1 2	9 35	0 42	11 0	2 38	23 23	0 5	10 8	0 16	17 35	3 57	2 4	2 30	22 6	6 49	2 16
T 8	4 56	27 43	5 1	14 25	1 17	15 30	3 36	15 54	1 3	9 30	0 42	10 59	2 38	23 23	0 5	10 7	0 16	17 35	3 56	2 4	2 29	22 4	6 50	2 16
W 9	4 32	28 32	5 15	14 3	1 24	15 53	3 44	15 40	1 3	9 25	0 42	10 58	2 38	23 23	0 5	10 6	0 16	17 36	3 56	2 4	2 28	22 2	6 51	2 16
T 10	4 9	27 29	5 10	13 39	1 29	16 16	3 52	15 26	1 4	9 20	0 43	10 57	2 38	23 23	0 5	10 5	0 16	17 36	3 56	2 4	2 27	22 0	6 53	2 16
F 11	3 45	24 35	4 46	13 15	1 35	16 39	4 0	15 11	1 4	9 15	0 43	10 56	2 39	23 23	0 5	10 4	0 16	17 36	3 56	2 3	2 25	21 57	6 54	2 16
S 12	3 21	20 1	4 2	12 49	1 40	17 1	4 8	14 57	1 5	9 9	0 43	10 55	2 39	23 23	0 5	10 4	0 16	17 36	3 56	2 2	2 24	21 55	6 55	2 16
S 13	2 58	14 10	3 1	12 22	1 45	17 23	4 17	14 42	1 5	9 4	0 43	10 54	2 39	23 23	0 5	10 3	0 16	17 37	3 56	2 2	2 23	21 53	6 56	2 15
M14	2 34	7 31	1 49	11 54	1 50	17 44	4 25	14 28	1 5	8 59	0 43	10 53	2 39	23 23	0 5	10 2	0 16	17 37	3 56	2 1	2 22	21 50	6 58	2 15
T 15	2 10	0 31	0 29	11 25	1 54	18 5	4 33	14 13	1 6	8 54	0 43	10 52	2 39	23 23	0 6	10 1	0 16	17 37	3 55	2 1	2 20	21 48	6 59	2 15
W16	1 47	6s23	0s51	10 55	1 58	18 25	4 42	13 58	1 6	8 49	0 43	10 51	2 40	23 23	0 6	10 0	0 16	17 37	3 55	2 1	2 19	21 46	7 0	2 15
T 17	1 23	12 48	2 6	10 24	2 1	18 45	4 50	13 43	1 6	8 44	0 43	10 49	2 40	23 23	0 6	10 0	0 16	17 37	3 55	2 1	2 18	21 44	7 1	2 15
F 18	0 59	18 24	3 11	9 52	2 4	19 5	4 58	13 27	1 7	8 39	0 43	10 48	2 40	23 23	0 6	9 59	0 16	17 38	3 55	2 1	2 17	21 41	7 3	2 15
S 19	0 35	22 56	4 4	9 18	2 7	19 23	5 7	13 12	1 7	8 33	0 43	10 47	2 40	23 23	0 6	9 58	0 16	17 38	3 55	2 2	2 15	21 39	7 4	2 15
S 20	0 11	26 12	4 43	8 44	2 9	19 42	5 15	12 56	1 8	8 28	0 43	10 46	2 40	23 23	0 6	9 57	0 16	17 38	3 55	2 2	2 14	21 37	7 5	2 15
M21	0n13	28 5	5 7	8 9	2 11	19 59	5 23	12 40	1 8	8 23	0 44	10 44	2 41	23 23	0 6	9 57	0 16	17 38	3 55	2 2	2 13	21 34	7 6	2 15
T 22	0 36	28 32	5 17	7 32	2 12	20 16	5 31	12 25	1 8	8 18	0 44	10 43	2 41	23 23	0 6	9 56	0 16	17 38	3 54	2 2	2 12	21 32	7 8	2 14
W23	1 0	27 38	5 13	6 55	2 13	20 33	5 39	12 9	1 9	8 13	0 44	10 42	2 41	23 23	0 6	9 55	0 16	17 39	3 54	2 2	2 10	21 30	7 9	2 14
T 24	1 24	25 28	4 55	6 16	2 14	20 48	5 47	11 53	1 9	8 8	0 44	10 41	2 41	23 23	0 6	9 54	0 16	17 39	3 54	2 2	2 9	21 27	7 10	2 14
F 25	1 48	22 13	4 24	5 37	2 14	21 4	5 55	11 36	1 9	8 3	0 44	10 39	2 41	23 23	0 6	9 54	0 16	17 39	3 54	2 2	2 8	21 25	7 11	2 14
S 26	2 11	18 4	3 43	4 57	2 14	21 18	6 3	11 20	1 10	7 58	0 44	10 38	2 41	23 23	0 6	9 53	0 16	17 39	3 54	2 2	2 7	21 23	7 13	2 14
S 27	2 35	13 11	2 51	4 15	2 13	21 32	6 11	11 4	1 10	7 53	0 44	10 36	2 42	23 23	0 6	9 52	0 16	17 39	3 54	2 2	2 5	21 20	7 14	2 14
M28	2 58	7 46	1 52	3 33	2 12	21 45	6 19	10 47	1 10	7 47	0 44	10 35	2 42	23 23	0 6	9 52	0 16	17 39	3 54	2 2	2 4	21 18	7 15	2 14
T 29	3 22	1 59	0 46	2 50	2 10	21 57	6 26	10 30	1 11	7 42	0 45	10 34	2 42	23 23	0 6	9 51	0 16	17 40	3 53	2 2	2 3	21 15	7 17	2 14
W30	3 45	3n58	0n22	2 6	2 8	22 8	6 33	10 14	1 11	7 37	0 45	10 32	2 42	23 23	0 6	9 50	0 16	17 40	3 53	2 2	2 2	21 13	7 18	2 14
T 31	4n 9	9n51	1n31	1s21	2s 6	22n19	6n40	9s57	1s11	7s32	0s45	10s31	2n42	23s23	0s 6	9s49	0s16	17n40	3s53	2n 2	2n 0	21s11	7n19	2n14

Julian Day Number = 2875285.5, Delta T = 01h13m36s
Ecliptic obliquity = 23°17'31, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°59'13, Lahiri = 40°06'14

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ASTRODIENST EPHEMERIS for the year 3160
geocentric

APRIL 3160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 39 14	11♈32'10	4♉39	3♈16	14♉11	7♓53	12♓40	4°R48	0♏10	5♓ 9	22°R 1	5°R 8	5♈ 2	11♒42	13♈29	F 1
S 2	12 43 11	12°32'02	17°43	5° 6	14°19	8°39	12°54	4♏44	0°10	5°11	22♋ 1	5♈ 8	4°58	11°49	13°33	S 2
S 3	12 47 7	13°31'52	1♊ 1	6°58	14°25	9°26	13° 7	4°39	0°10	5°13	22° 1	5° 6	4°55	11°55	13°36	S 3
M 4	12 51 4	14°31'40	14°32	8°50	14°29	10°12	13°20	4°35	0°R10	5°15	22° 1	5° 5	4°52	12° 2	13°40	M 4
T 5	12 55 0	15°31'26	28°16	10°44	14°R29	10°59	13°34	4°31	0°10	5°17	22°D 1	5° 5	4°49	12° 9	13°43	T 5
W 6	12 58 57	16°31'10	12♋13	12°39	14°28	11°45	13°47	4°27	0°10	5°18	22° 1	5°D 4	4°46	12°15	13°47	W 6
T 7	13 2 54	17°30'51	26°20	14°35	14°24	12°32	14° 0	4°22	0°10	5°20	22° 1	5° 4	4°43	12°22	13°50	T 7
F 8	13 6 50	18°30'30	10♌37	16°32	14°18	13°18	14°13	4°18	0° 9	5°22	22° 1	5° 5	4°39	12°29	13°54	F 8
S 9	13 10 47	19°30'07	25° 1	18°30	14° 9	14° 4	14°26	4°14	0° 9	5°24	22° 1	5° 6	4°36	12°36	13°58	S 9
S 10	13 14 43	20°29'42	9♍28	20°29	13°57	14°51	14°39	4° 9	0° 9	5°26	22° 1	5° 7	4°33	12°42	14° 1	S 10
M11	13 18 40	21°29'14	23°54	22°29	13°43	15°37	14°52	4° 5	0° 8	5°27	22° 1	5° 8	4°30	12°49	14° 5	M11
T 12	13 22 36	22°28'44	8♎15	24°30	13°27	16°24	15° 5	4° 0	0° 8	5°29	22° 2	5°R 8	4°27	12°56	14° 8	T 12
W13	13 26 33	23°28'12	22°24	26°32	13° 8	17°10	15°18	3°56	0° 8	5°31	22° 2	5° 7	4°23	13° 2	14°12	W13
T 14	13 30 29	24°27'38	6♏19	28°34	12°47	17°57	15°30	3°51	0° 7	5°32	22° 2	5° 6	4°20	13° 9	14°15	T 14
F 15	13 34 26	25°27'03	19°54	0♉36	12°23	18°43	15°43	3°46	0° 7	5°34	22° 2	5° 3	4°17	13°16	14°19	F 15
S 16	13 38 22	26°26'25	3♐ 9	2°39	11°58	19°30	15°56	3°42	0° 6	5°36	22° 2	5° 0	4°14	13°22	14°22	S 16
S 17	13 42 19	27°25'46	16° 3	4°41	11°30	20°16	16° 8	3°37	0° 5	5°37	22° 3	4°57	4°11	13°29	14°26	S 17
M18	13 46 16	28°25'05	28°38	6°43	11° 0	21° 3	16°21	3°33	0° 5	5°39	22° 3	4°54	4° 8	13°36	14°29	M18
T 19	13 50 12	29°24'22	10♑55	8°44	10°29	21°50	16°33	3°28	0° 4	5°40	22° 3	4°51	4° 4	13°42	14°33	T 19
W20	13 54 9	0♉23'38	22°59	10°45	9°56	22°36	16°45	3°23	0° 3	5°42	22° 4	4°50	4° 1	13°49	14°36	W20
T 21	13 58 5	1°22'52	4♒54	12°44	9°22	23°23	16°58	3°19	0° 2	5°43	22° 4	4°D50	3°58	13°56	14°40	T 21
F 22	14 2 2	2°22'04	16°45	14°41	8°47	24° 9	17°10	3°14	0° 1	5°45	22° 4	4°50	3°55	14° 3	14°43	F 22
S 23	14 5 58	3°21'14	28°36	16°36	8°10	24°56	17°22	3° 9	0° 0	5°46	22° 5	4°52	3°52	14° 9	14°47	S 23
S 24	14 9 55	4°20'23	10♓34	18°29	7°33	25°42	17°34	3° 5	29♐59	5°48	22° 5	4°54	3°49	14°16	14°50	S 24
M25	14 13 51	5°19'29	22°41	20°18	6°56	26°29	17°46	3° 0	29°58	5°49	22° 6	4°55	3°45	14°23	14°53	M25
T 26	14 17 48	6°18'34	5♈ 2	22° 5	6°18	27°15	17°58	2°55	29°57	5°50	22° 6	4°R56	3°42	14°29	14°57	T 26
W27	14 21 45	7°17'37	17°39	23°48	5°41	28° 2	18° 9	2°51	29°56	5°52	22° 7	4°55	3°39	14°36	15° 0	W27
T 28	14 25 41	8°16'38	0♉34	25°27	5° 3	28°49	18°21	2°46	29°55	5°53	22° 7	4°53	3°36	14°43	15° 4	T 28
F 29	14 29 38	9°15'38	13°47	27° 2	4°27	29°35	18°33	2°41	29°54	5°54	22° 8	4°49	3°33	14°49	15° 7	F 29
S 30	14 33 34	10♉14'35	27♉16	28♉32	3♉51	0♈22	18♓44	2♏37	29♐52	5♓55	22♋ 8	4♈44	3♈29	14♒56	15♈10	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n32	15n27	2n36	0s35	2s 3	22n28	6n47	9s40	1s11	7s27	0s45	10s29	2n42	23s23	0s 6	9s49	0s16	17n40	3s53	2n 2	1n59	21s 8	7n21	2n14
S 2	4 55	20 27	3 35	0n11	1 59	22 37	6 54	9 23	1 12	7 22	0 45	10 28	2 42	23 23	0 6	9 48	0 16	17 40	3 53	2 1	1 58	21 6	7 22	2 14
S 3	5 19	24 31	4 22	0 59	1 55	22 44	7 0	9 6	1 12	7 17	0 45	10 26	2 43	23 23	0 6	9 47	0 16	17 40	3 53	2 1	1 57	21 4	7 23	2 14
M 4	5 42	27 19	4 57	1 47	1 51	22 51	7 6	8 49	1 12	7 12	0 45	10 25	2 43	23 23	0 6	9 47	0 16	17 41	3 53	2 1	1 55	21 1	7 25	2 13
T 5	6 4	28 31	5 14	2 36	1 46	22 57	7 11	8 31	1 12	7 7	0 45	10 23	2 43	23 23	0 6	9 46	0 16	17 41	3 52	2 0	1 54	20 59	7 26	2 13
W 6	6 27	27 57	5 14	3 25	1 40	23 1	7 16	8 14	1 13	7 3	0 46	10 22	2 43	23 23	0 6	9 45	0 16	17 41	3 52	2 0	1 53	20 56	7 27	2 13
T 7	6 50	25 35	4 55	4 16	1 34	23 5	7 21	7 57	1 13	6 58	0 46	10 20	2 43	23 23	0 6	9 45	0 16	17 41	3 52	2 0	1 52	20 54	7 29	2 13
F 8	7 13	21 36	4 18	5 6	1 28	23 7	7 26	7 39	1 13	6 53	0 46	10 19	2 43	23 23	0 6	9 44	0 16	17 41	3 52	2 0	1 50	20 51	7 30	2 13
S 9	7 35	16 19	3 24	5 58	1 21	23 8	7 29	7 22	1 13	6 48	0 46	10 17	2 43	23 23	0 6	9 43	0 16	17 41	3 52	2 1	1 49	20 49	7 31	2 13
S 10	7 57	10 6	2 17	6 49	1 13	23 7	7 33	7 4	1 14	6 43	0 46	10 16	2 43	23 23	0 6	9 43	0 16	17 41	3 52	2 1	1 48	20 47	7 33	2 13
M11	8 20	3 21	1 2	7 41	1 5	23 5	7 35	6 46	1 14	6 38	0 46	10 14	2 43	23 23	0 6	9 42	0 16	17 42	3 52	2 2	1 47	20 44	7 34	2 13
T 12	8 42	3s31	0s17	8 33	0 57	23 2	7 37	6 29	1 14	6 33	0 46	10 13	2 43	23 23	0 6	9 42	0 16	17 42	3 51	2 2	1 45	20 42	7 35	2 13
W13	9 4	10 7	1 34	9 26	0 48	22 58	7 39	6 11	1 14	6 29	0 47	10 11	2 43	23 23	0 6	9 41	0 16	17 42	3 51	2 1	1 44	20 39	7 37	2 13
T 14	9 25	16 7	2 44	10 18	0 38	22 52	7 40	5 53	1 15	6 24	0 47	10 9	2 44	23 23	0 6	9 40	0 16	17 42	3 51	2 1	1 43	20 37	7 38	2 13
F 15	9 47	21 10	3 42	11 10	0 28	22 45	7 40	5 35	1 15	6 19	0 47	10 8	2 44	23 23	0 6	9 40	0 16	17 42	3 51	2 0	1 42	20 34	7 39	2 13
S 16	10 8	25 2	4 27	12 2	0 18	22 36	7 39	5 17	1 15	6 14	0 47	10 6	2 44	23 23	0 6	9 39	0 16	17 42	3 51	1 59	1 40	20 32	7 40	2 13
S 17	10 30	27 30	4 58	12 53	0 8	22 26	7 38	4 59	1 15	6 10	0 47	10 5	2 44	23 24	0 6	9 39	0 16	17 42	3 51	1 57	1 39	20 29	7 42	2 13
M18	10 51	28 30	5 12	13 44	0n 3	22 14	7 35	4 41	1 15	6 5	0 47	10 3	2 44	23 24	0 6	9 38	0 16	17 42	3 51	1 56	1 38	20 27	7 43	2 13
T 19	11 12	28 2	5 13	14 33	0 14	22 1	7 32	4 23	1 15	6 0	0 47	10 1	2 44	23 24	0 6	9 38	0 16	17 42	3 50	1 55	1 37	20 24	7 44	2 13
W20	11 32	26 15	4 59	15 22	0 26	21 47	7 28	4 5	1 16	5 56	0 48	10 0	2 44	23 24	0 6	9 37	0 16	17 42	3 50	1 55	1 35	20 22	7 46	2 13
T 21	11 53	23 20	4 32	16 9	0 37	21 31	7 24	3 46	1 16	5 51	0 48	9 58	2 44	23 24	0 6	9 37	0 16	17 43	3 50	1 54	1 34	20 19	7 47	2 13
F 22	12 13	19 27	3 54	16 55	0 48	21 15	7 18	3 28	1 16	5 47	0 48	9 57	2 44	23 24	0 6	9 36	0 16	17 43	3 50	1 55	1 33	20 17	7 48	2 13
S 23	12 33	14 48	3 6	17 39	1 0	20 56	7 11	3 10	1 16	5 42	0 48	9 55	2 44	23 24	0 6	9 36	0 16	17 43	3 50	1 55	1 32	20 14	7 50	2 13
S 24	12 53	9 34	2 10	18 21	1 11	20 37	7 4	2 52	1 16	5 37	0 48	9 54	2 44	23 24	0 6	9 35	0 16	17 43	3 50	1 56	1 30	20 12	7 51	2 13
M25	13 13	3 55	1 7	19 2	1 22	20 17	6 56	2 33	1 16	5 33	0 48	9 52	2 44	23 24	0 6	9 35	0 16	17 43	3 50	1 57	1 29	20 9	7 52	2 13
T 26	13 32	2n 0	0n 1	19 40	1 33	19 56	6 47	2 15	1 16	5 29	0 49	9 50	2 44	23 24	0 6	9 34	0 16	17 43	3 49	1 57	1 28	20 7	7 53	2 12
W27	13 52	7 57	1 9	20 16	1 43	19 34	6 37	1 57	1 16	5 24	0 49	9 49	2 44	23 24	0 6	9 34	0 16	17 43	3 49	1 57	1 27	20 4	7 55	2 12
T 28	14 11	13 43	2 15	20 50	1 52	19 12	6 27	1 39	1 16	5 20	0 49	9 47	2 44	23 24	0 6	9 33	0 16	17 43	3 49	1 56	1 25	20 2	7 56	2 12
F 29	14 29	19 0	3 16	21 21	2 2	18 49	6 16	1 20	1 17	5 15	0 49	9 46	2 44	23 24	0 6	9 33	0 16	17 43	3 49	1 54	1 24	19 59	7 57	2 12
S 30	14n48	23n26	4n 7	21n50	2n10	18n26	6n 4	1s 2	1s17	5s11	0s49	9s44	2n44	23s24	0s 6	9s32	0s16	17n43	3s49	1n52	1n23	19s57	7n59	2n12

Julian Day Number = 2875316.5, Delta T = 01h13m37s
Ecliptic obliquity = 23°17'31, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°59'18, Lahiri = 40°06'18

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ASTRODIENST EPHEMERIS for the year 3160
geocentric

MAY 3160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 37 31	11♉13'31	11♊ 1	29♉58	3°R16	1♈ 8	18♓56	2°R32	29°R51	5♓57	22♋ 9	4°R38	3♈26	15♒ 3	15♈14	S 1
M 2	14 41 27	12°12'24	24°57	1♊18	2♉42	1°55	19° 7	2♏28	29♐50	5°58	22° 9	4♈32	3°23	15° 9	15°17	M 2
T 3	14 45 24	13°11'15	9♋ 1	2°34	2°10	2°41	19°18	2°23	29°48	5°59	22°10	4°27	3°20	15°16	15°20	T 3
W 4	14 49 20	14°10'04	23°10	3°44	1°39	3°28	19°29	2°18	29°47	6° 0	22°11	4°24	3°17	15°23	15°23	W 4
T 5	14 53 17	15° 8'51	7♌21	4°49	1°10	4°14	19°40	2°14	29°45	6° 1	22°11	4°22	3°14	15°29	15°27	T 5
F 6	14 57 14	16° 7'36	21°31	5°49	0°43	5° 1	19°51	2° 9	29°44	6° 2	22°12	4°D22	3°10	15°36	15°30	F 6
S 7	15 1 10	17° 6'18	5♍39	6°43	0°17	5°47	20° 2	2° 5	29°42	6° 3	22°13	4°23	3° 7	15°43	15°33	S 7
S 8	15 5 7	18° 4'58	19°44	7°31	29♈55	6°34	20°13	2° 1	29°41	6° 4	22°13	4°24	3° 4	15°50	15°36	S 8
M 9	15 9 3	19° 3'36	3♎43	8°13	29°34	7°20	20°23	1°56	29°39	6° 5	22°14	4°R25	3° 1	15°56	15°39	M 9
T 10	15 13 0	20° 2'11	17°36	8°49	29°15	8° 6	20°34	1°52	29°37	6° 6	22°15	4°24	2°58	16° 3	15°42	T 10
W11	15 16 56	21° 0'45	1♏19	9°20	28°59	8°53	20°44	1°48	29°35	6° 7	22°16	4°21	2°55	16°10	15°45	W11
T 12	15 20 53	21°59'17	14°52	9°44	28°46	9°39	20°55	1°43	29°34	6° 8	22°17	4°16	2°51	16°16	15°48	T 12
F 13	15 24 49	22°57'47	28°10	10° 3	28°35	10°26	21° 5	1°39	29°32	6° 9	22°17	4° 9	2°48	16°23	15°51	F 13
S 14	15 28 46	23°56'15	11♐14	10°16	28°26	11°12	21°15	1°35	29°30	6°10	22°18	4° 1	2°45	16°30	15°54	S 14
S 15	15 32 43	24°54'42	24° 1	10°23	28°20	11°58	21°25	1°31	29°28	6°10	22°19	3°51	2°42	16°36	15°57	S 15
M16	15 36 39	25°53'07	6♑31	10°R24	28°16	12°45	21°35	1°27	29°26	6°11	22°20	3°43	2°39	16°43	16° 0	M16
T 17	15 40 36	26°51'30	18°47	10°20	28°D14	13°31	21°45	1°23	29°24	6°12	22°21	3°35	2°35	16°50	16° 3	T 17
W18	15 44 32	27°49'51	0♒51	10°11	28°15	14°17	21°54	1°19	29°22	6°13	22°22	3°29	2°32	16°56	16° 6	W18
T 19	15 48 29	28°48'11	12°45	9°57	28°19	15° 4	22° 4	1°15	29°20	6°13	22°23	3°26	2°29	17° 3	16° 9	T 19
F 20	15 52 25	29°46'30	24°36	9°39	28°24	15°50	22°13	1°11	29°18	6°14	22°24	3°24	2°26	17°10	16°12	F 20
S 21	15 56 22	0♊44'47	6♓27	9°16	28°32	16°36	22°22	1° 8	29°16	6°15	22°25	3°D24	2°23	17°16	16°14	S 21
S 22	16 0 19	1°43'03	18°25	8°49	28°42	17°23	22°32	1° 4	29°14	6°15	22°26	3°25	2°20	17°23	16°17	S 22
M23	16 4 15	2°41'17	0♈33	8°19	28°54	18° 9	22°41	1° 0	29°12	6°16	22°27	3°R26	2°16	17°30	16°20	M23
T 24	16 8 12	3°39'29	12°58	7°47	29° 8	18°55	22°50	0°57	29°10	6°16	22°28	3°25	2°13	17°36	16°22	T 24
W25	16 12 8	4°37'41	25°43	7°13	29°25	19°41	22°58	0°53	29° 8	6°17	22°29	3°23	2°10	17°43	16°25	W25
T 26	16 16 5	5°35'50	8♉50	6°37	29°43	20°27	23° 7	0°50	29° 6	6°17	22°30	3°18	2° 7	17°50	16°28	T 26
F 27	16 20 1	6°33'59	22°20	6° 0	0♉ 3	21°13	23°15	0°46	29° 3	6°17	22°31	3°11	2° 4	17°57	16°30	F 27
S 28	16 23 58	7°32'06	6♊13	5°23	0°25	21°59	23°24	0°43	29° 1	6°18	22°32	3° 2	2° 1	18° 3	16°33	S 28
S 29	16 27 54	8°30'11	20°24	4°47	0°48	22°46	23°32	0°40	28°59	6°18	22°33	2°52	1°57	18°10	16°35	S 29
M30	16 31 51	9°28'15	4♋47	4°12	1°13	23°32	23°40	0°37	28°57	6°18	22°34	2°42	1°54	18°17	16°38	M30
T 31	16 35 48	10♊26'17	19♋18	3♊39	1♉40	24♈18	23♓48	0♏34	28♐54	6♓19	22♋35	2♈33	1♈51	18♒23	16♈40	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 6	26n39	4n45	22n16	2n18	18n 2	5n52	0s44	1s17	5s 7	0s49	9s43	2n44	23s24	0s 6	9s32	0s16	17n43	3s49	1n50	1n22	19s54	8n 0	2n12
M 2	15 24	28 17	5 6	22 40	2 25	17 38	5 39	0 25	1 17	5 3	0 50	9 41	2 44	23 24	0 6	9 31	0 16	17 43	3 49	1 47	1 20	19 52	8 1	2 12
T 3	15 42	28 8	5 9	23 1	2 31	17 15	5 26	0 7	1 17	4 58	0 50	9 40	2 44	23 24	0 6	9 31	0 16	17 43	3 48	1 46	1 19	19 49	8 2	2 12
W 4	16 0	26 9	4 54	23 20	2 36	16 51	5 12	0n11	1 17	4 54	0 50	9 38	2 44	23 24	0 6	9 31	0 16	17 43	3 48	1 44	1 18	19 47	8 4	2 12
T 5	16 17	22 31	4 21	23 36	2 40	16 28	4 59	0 30	1 17	4 50	0 50	9 37	2 43	23 24	0 6	9 30	0 16	17 43	3 48	1 43	1 17	19 44	8 5	2 12
F 6	16 34	17 35	3 31	23 50	2 44	16 5	4 44	0 48	1 17	4 46	0 50	9 35	2 43	23 24	0 6	9 30	0 16	17 43	3 48	1 43	1 15	19 41	8 6	2 12
S 7	16 50	11 42	2 29	24 1	2 46	15 43	4 30	1 6	1 17	4 42	0 51	9 34	2 43	23 24	0 6	9 29	0 17	17 43	3 48	1 44	1 14	19 39	8 7	2 12
S 8	17 7	5 15	1 19	24 10	2 47	15 22	4 16	1 25	1 17	4 38	0 51	9 33	2 43	23 24	0 6	9 29	0 17	17 43	3 48	1 44	1 13	19 36	8 8	2 12
M 9	17 23	1s25	0 4	24 17	2 47	15 1	4 1	1 43	1 17	4 34	0 51	9 31	2 43	23 24	0 6	9 29	0 17	17 43	3 48	1 45	1 11	19 34	8 10	2 12
T 10	17 39	7 57	1s11	24 22	2 46	14 41	3 47	2 1	1 17	4 30	0 51	9 30	2 43	23 24	0 6	9 28	0 17	17 43	3 48	1 44	1 10	19 31	8 11	2 12
W11	17 54	14 3	2 20	24 24	2 43	14 21	3 32	2 19	1 17	4 26	0 51	9 28	2 43	23 24	0 6	9 28	0 17	17 43	3 47	1 43	1 9	19 29	8 12	2 12
T 12	18 9	19 23	3 20	24 24	2 39	14 3	3 18	2 37	1 17	4 22	0 51	9 27	2 43	23 24	0 6	9 28	0 17	17 43	3 47	1 41	1 8	19 26	8 13	2 12
F 13	18 24	23 40	4 9	24 22	2 34	13 45	3 3	2 55	1 17	4 18	0 52	9 26	2 43	23 24	0 6	9 28	0 17	17 43	3 47	1 38	1 6	19 23	8 14	2 12
S 14	18 38	26 39	4 43	24 17	2 28	13 29	2 49	3 14	1 17	4 15	0 52	9 24	2 43	23 24	0 6	9 27	0 17	17 43	3 47	1 35	1 5	19 21	8 15	2 12
S 15	18 53	28 11	5 2	24 11	2 20	13 14	2 35	3 32	1 17	4 11	0 52	9 23	2 43	23 24	0 6	9 27	0 17	17 43	3 47	1 31	1 4	19 18	8 17	2 12
M16	19 7	28 13	5 6	24 3	2 12	13 0	2 21	3 50	1 17	4 7	0 52	9 22	2 42	23 24	0 6	9 27	0 17	17 43	3 47	1 28	1 3	19 15	8 18	2 12
T 17	19 20	26 52	4 56	23 52	2 2	12 46	2 8	4 8	1 17	4 4	0 52	9 21	2 42	23 24	0 6	9 26	0 17	17 43	3 47	1 25	1 1	19 13	8 19	2 12
W18	19 33	24 17	4 32	23 40	1 50	12 34	1 54	4 25	1 17	4 0	0 53	9 19	2 42	23 24	0 6	9 26	0 17	17 43	3 46	1 23	1 0	19 10	8 20	2 12
T 19	19 46	20 40	3 58	23 25	1 38	12 23	1 41	4 43	1 16	3 56	0 53	9 18	2 42	23 24	0 6	9 26	0 17	17 43	3 46	1 21	0 59	19 8	8 21	2 12
F 20	19 59	16 16	3 13	23 9	1 24	12 13	1 29	5 1	1 16	3 53	0 53	9 17	2 42	23 24	0 6	9 26	0 17	17 43	3 46	1 21	0 58	19 5	8 22	2 12
S 21	20 11	11 15	2 19	22 51	1 10	12 5	1 16	5 19	1 16	3 50	0 53	9 16	2 42	23 24	0 6	9 26	0 17	17 43	3 46	1 21	0 56	19 2	8 23	2 12
S 22	20 23	5 47	1 20	22 32	0 55	11 57	1 4	5 37	1 16	3 46	0 54	9 15	2 42	23 24	0 7	9 25	0 17	17 43	3 46	1 21	0 55	19 0	8 24	2 12
M23	20 34	0 1	0 15	22 11	0 38	11 50	0 52	5 54	1 16	3 43	0 54	9 14	2 41	23 24	0 7	9 25	0 17	17 43	3 46	1 21	0 54	18 57	8 25	2 12
T 24	20 45	5n52	0n51	21 50	0 22	11 44	0 41	6 12	1 16	3 39	0 54	9 13	2 41	23 24	0 7	9 25	0 17	17 43	3 46	1 21	0 53	18 54	8 26	2 12
W25	20 56	11 41	1 56	21 27	0 4	11 39	0 30	6 29	1 16	3 36	0 54	9 11	2 41	23 24	0 7	9 25	0 17	17 43	3 46	1 20	0 51	18 52	8 27	2 12
T 26	21 6	17 9	2 57	21 4	0s13	11 36	0 19	6 47	1 16	3 33	0 54	9 10	2 41	23 24	0 7	9 25	0 17	17 43	3 46	1 18	0 50	18 49	8 28	2 12
F 27	21 16	21 57	3 50	20 40	0 31	11 33	0 8	7 4	1 15	3 30	0 55	9 9	2 41	23 24	0 7	9 25	0 17	17 43	3 45	1 16	0 49	18 46	8 29	2 12
S 28	21 26	25 39	4 31	20 16	0 49	11 31	0s 2	7 21	1 15	3 27	0 55	9 8	2 41	23 24	0 7	9 25	0 17	17 43	3 45	1 12	0 48	18 44	8 30	2 12
S 29	21 35	27 52	4 56	19 53	1 6	11 30	0 12	7 38	1 15	3 24	0 55	9 8	2 40	23 24	0 7	9 24	0 17	17 43	3 45	1 8	0 46	18 41	8 31	2 12
M30	21 44	28 15	5 2	19 29	1 23	11 30	0 21	7 55	1 15	3 21	0 55	9 7	2 40	23 24	0 7	9 24	0 17	17 43	3 45	1 4	0 45	18 38	8 32	2 12
T 31	21n53	26n42	4n50	19n 7	1s40	11n30	0s30	8n12	1s15	3s18	0s56	9s 6	2n40	23s24	0s 7	9s24	0s17	17n43	3s45	1n 0	0n44	18s36	8n33	2n13

Julian Day Number = 2875346.5, Delta T = 01h13m38s
Ecliptic obliquity = 23°17'30, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°59'22, Lahiri = 40°06'22

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ASTRODIENST EPHEMERIS for the year 3160
geocentric

JUNE 3160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 39 44	11♊24'18	3♌48	3°R 8	2♉ 8	25♈ 4	23♓56	0°R31	28°R52	6♓19	22♋37	2°R26	1♈48	18♒30	16♈42	W 1
T 2	16 43 41	12°22'16	18°13	2♊39	2°38	25°49	24° 4	0♏28	28♐50	6°19	22°38	2♈21	1°45	18°37	16°45	T 2
F 3	16 47 37	13°20'13	2♍29	2°14	3°10	26°35	24°11	0°25	28°47	6°19	22°39	2°19	1°41	18°43	16°47	F 3
S 4	16 51 34	14°18'08	16°35	1°53	3°42	27°21	24°19	0°22	28°45	6°20	22°40	2°D19	1°38	18°50	16°49	S 4
S 5	16 55 30	15°16'01	0♎28	1°35	4°16	28° 7	24°26	0°20	28°43	6°20	22°41	2°R19	1°35	18°57	16°52	S 5
M 6	16 59 27	16°13'52	14°10	1°22	4°51	28°53	24°33	0°17	28°40	6°20	22°43	2°19	1°32	19° 3	16°54	M 6
T 7	17 3 23	17°11'42	27°40	1°12	5°28	29°39	24°40	0°15	28°38	6°20	22°44	2°17	1°29	19°10	16°56	T 7
W 8	17 7 20	18° 9'30	11♏ 0	1° 7	6° 6	0♉24	24°47	0°12	28°35	6°R20	22°45	2°12	1°26	19°17	16°58	W 8
T 9	17 11 17	19° 7'17	24° 9	1°D 7	6°44	1°10	24°53	0°10	28°33	6°20	22°46	2° 4	1°22	19°23	17° 0	T 9
F 10	17 15 13	20° 5'02	7♐ 7	1°11	7°24	1°56	25° 0	0° 8	28°30	6°20	22°48	1°54	1°19	19°30	17° 2	F 10
S 11	17 19 10	21° 2'46	19°53	1°20	8° 5	2°41	25° 6	0° 6	28°28	6°20	22°49	1°42	1°16	19°37	17° 4	S 11
S 12	17 23 6	22° 0'29	2♑26	1°33	8°47	3°27	25°12	0° 4	28°25	6°19	22°50	1°29	1°13	19°43	17° 6	S 12
M13	17 27 3	22°58'11	14°47	1°51	9°30	4°12	25°18	0° 2	28°23	6°19	22°51	1°16	1°10	19°50	17° 8	M13
T 14	17 30 59	23°55'51	26°56	2°13	10°14	4°58	25°24	0° 0	28°21	6°19	22°53	1° 5	1° 7	19°57	17°10	T 14
W15	17 34 56	24°53'30	8♒56	2°39	10°59	5°43	25°30	29♎58	28°18	6°19	22°54	0°56	1° 3	20° 3	17°11	W15
T 16	17 38 52	25°51'09	20°49	3° 9	11°45	6°29	25°36	29°57	28°16	6°19	22°55	0°49	1° 0	20°10	17°13	T 16
F 17	17 42 49	26°48'46	2♓38	3°44	12°31	7°14	25°41	29°55	28°13	6°18	22°57	0°45	0°57	20°17	17°15	F 17
S 18	17 46 46	27°46'22	14°28	4°23	13°19	7°59	25°46	29°54	28°11	6°18	22°58	0°43	0°54	20°24	17°16	S 18
S 19	17 50 42	28°43'58	26°24	5° 5	14° 7	8°45	25°51	29°52	28° 8	6°18	22°59	0°43	0°51	20°30	17°18	S 19
M20	17 54 39	29°41'33	8♈31	5°52	14°56	9°30	25°56	29°51	28° 6	6°17	23° 1	0°43	0°47	20°37	17°20	M20
T 21	17 58 35	0♋39'07	20°56	6°42	15°45	10°15	26° 1	29°50	28° 3	6°17	23° 2	0°42	0°44	20°44	17°21	T 21
W22	18 2 32	1°36'40	3♉42	7°35	16°35	11° 0	26° 5	29°49	28° 1	6°16	23° 4	0°39	0°41	20°50	17°23	W22
T 23	18 6 28	2°34'12	16°53	8°32	17°26	11°45	26°10	29°48	27°58	6°16	23° 5	0°34	0°38	20°57	17°24	T 23
F 24	18 10 25	3°31'44	0♊32	9°33	18°18	12°30	26°14	29°47	27°56	6°15	23° 6	0°27	0°35	21° 4	17°25	F 24
S 25	18 14 22	4°29'16	14°37	10°37	19°10	13°15	26°18	29°46	27°53	6°15	23° 8	0°17	0°32	21°10	17°27	S 25
S 26	18 18 18	5°26'46	29° 6	11°44	20° 3	14° 0	26°22	29°46	27°51	6°14	23° 9	0° 6	0°28	21°17	17°28	S 26
M27	18 22 15	6°24'16	13♋52	12°54	20°56	14°45	26°25	29°45	27°48	6°14	23°11	29♓55	0°25	21°24	17°29	M27
T 28	18 26 11	7°21'44	28°46	14° 8	21°50	15°30	26°29	29°45	27°46	6°13	23°12	29°45	0°22	21°30	17°30	T 28
W29	18 30 8	8°19'12	13♌40	15°25	22°44	16°15	26°32	29°44	27°43	6°13	23°14	29°37	0°19	21°37	17°31	W29
T 30	18 34 4	9♋16'39	28♌25	16♊44	23♉39	16♉59	26♓35	29♎44	27♐41	6♓12	23♋15	29♓32	0♈16	21♒44	17♈32	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 1	23n23	4n19	18n46	1s56	11n32	0s39	8n29	1s14	3s15	0s56	9s 5	2n40	23s24	0s 7	9s24	0s17	17n43	3s45	0n58	0n43	18s33	8n34	2n13
T 2	22 8	18 38	3 32	18 25	2 11	11 34	0 48	8 46	1 14	3 12	0 56	9 4	2 40	23 24	0 7	9 24	0 17	17 43	3 45	0 56	0 41	18 30	8 35	2 13
F 3	22 16	12 53	2 31	18 6	2 25	11 37	0 56	9 3	1 14	3 9	0 56	9 3	2 39	23 24	0 7	9 24	0 17	17 42	3 45	0 55	0 40	18 28	8 36	2 13
S 4	22 22	6 32	1 23	17 49	2 39	11 40	1 4	9 19	1 14	3 7	0 57	9 3	2 39	23 24	0 7	9 24	0 17	17 42	3 45	0 55	0 39	18 25	8 37	2 13
S 5	22 29	0s 2	0 10	17 33	2 51	11 44	1 12	9 36	1 13	3 4	0 57	9 2	2 39	23 24	0 7	9 24	0 17	17 42	3 44	0 55	0 38	18 22	8 38	2 13
M 6	22 35	6 31	1s 2	17 20	3 2	11 49	1 19	9 52	1 13	3 2	0 57	9 1	2 39	23 24	0 7	9 24	0 17	17 42	3 44	0 55	0 36	18 19	8 39	2 13
T 7	22 41	12 36	2 10	17 8	3 13	11 55	1 26	10 8	1 13	2 59	0 57	9 1	2 39	23 24	0 7	9 24	0 17	17 42	3 44	0 54	0 35	18 17	8 39	2 13
W 8	22 46	18 2	3 9	16 58	3 22	12 1	1 33	10 25	1 13	2 57	0 57	9 0	2 38	23 24	0 7	9 24	0 17	17 42	3 44	0 52	0 34	18 14	8 40	2 13
T 9	22 51	22 32	3 58	16 50	3 30	12 7	1 39	10 41	1 12	2 54	0 58	8 59	2 38	23 24	0 7	9 24	0 17	17 42	3 44	0 49	0 33	18 11	8 41	2 13
F 10	22 55	25 51	4 33	16 44	3 36	12 14	1 45	10 57	1 12	2 52	0 58	8 59	2 38	23 24	0 7	9 24	0 17	17 42	3 44	0 45	0 31	18 9	8 42	2 13
S 11	22 59	27 48	4 54	16 40	3 42	12 22	1 51	11 12	1 12	2 50	0 58	8 58	2 38	23 24	0 7	9 24	0 17	17 42	3 44	0 40	0 30	18 6	8 43	2 13
S 12	23 3	28 16	5 0	16 38	3 47	12 30	1 57	11 28	1 11	2 47	0 58	8 58	2 38	23 24	0 7	9 24	0 17	17 42	3 44	0 35	0 29	18 3	8 43	2 13
M13	23 6	27 19	4 52	16 38	3 50	12 38	2 2	11 44	1 11	2 45	0 59	8 57	2 37	23 24	0 7	9 24	0 17	17 41	3 44	0 30	0 28	18 0	8 44	2 13
T 14	23 9	25 4	4 31	16 40	3 53	12 47	2 7	11 59	1 11	2 43	0 59	8 57	2 37	23 24	0 7	9 24	0 17	17 41	3 44	0 26	0 26	17 58	8 45	2 13
W15	23 12	21 44	3 58	16 44	3 54	12 56	2 12	12 14	1 10	2 41	0 59	8 57	2 37	23 24	0 7	9 24	0 17	17 41	3 43	0 22	0 25	17 55	8 46	2 13
T 16	23 14	17 32	3 14	16 49	3 55	13 5	2 17	12 30	1 10	2 39	1 0	8 56	2 37	23 24	0 7	9 25	0 17	17 41	3 43	0 19	0 24	17 52	8 46	2 13
F 17	23 15	12 42	2 23	16 55	3 55	13 15	2 21	12 45	1 10	2 37	1 0	8 56	2 36	23 24	0 7	9 25	0 17	17 41	3 43	0 18	0 23	17 49	8 47	2 13
S 18	23 16	7 23	1 25	17 4	3 54	13 25	2 26	13 0	1 9	2 35	1 0	8 56	2 36	23 24	0 7	9 25	0 17	17 41	3 43	0 17	0 21	17 47	8 48	2 13
S 19	23 17	1 46	0 23	17 13	3 52	13 36	2 29	13 14	1 9	2 34	1 0	8 55	2 36	23 24	0 7	9 25	0 17	17 41	3 43	0 17	0 20	17 44	8 48	2 13
M20	23 17	4n 0	0n41	17 24	3 49	13 46	2 33	13 29	1 9	2 32	1 1	8 55	2 36	23 24	0 7	9 25	0 17	17 41	3 43	0 17	0 19	17 41	8 49	2 13
T 21	23 17	9 44	1 45	17 36	3 45	13 57	2 37	13 43	1 8	2 30	1 1	8 55	2 35	23 24	0 7	9 25	0 17	17 40	3 43	0 17	0 18	17 38	8 50	2 13
W22	23 17	15 15	2 45	17 49	3 41	14 8	2 40	13 58	1 8	2 29	1 1	8 55	2 35	23 23	0 7	9 25	0 17	17 40	3 43	0 16	0 16	17 35	8 50	2 13
T 23	23 16	20 16	3 38	18 2	3 36	14 19	2 43	14 12	1 7	2 27	1 1	8 55	2 35	23 23	0 7	9 26	0 17	17 40	3 43	0 14	0 15	17 33	8 51	2 13
F 24	23 15	24 23	4 21	18 17	3 30	14 31	2 46	14 26	1 7	2 26	1 2	8 55	2 35	23 23	0 7	9 26	0 17	17 40	3 43	0 11	0 14	17 30	8 51	2 13
S 25	23 13	27 12	4 50	18 32	3 24	14 42	2 48	14 40	1 6	2 25	1 2	8 55	2 34	23 23	0 7	9 26	0 17	17 40	3 43	0 7	0 12	17 27	8 52	2 13
S 26	23 11	28 18	5 0	18 48	3 17	14 54	2 51	14 54	1 6	2 23	1 2	8 55	2 34	23 23	0 7	9 26	0 17	17 40	3 42	0 2	0 11	17 24	8 52	2 13
M27	23 8	27 25	4 52	19 5	3 9	15 6	2 53	15 7	1 6	2 22	1 2	8 55	2 34	23 23	0 7	9 27	0 18	17 40	3 42	0s 2	0 10	17 21	8 53	2 14
T 28	23 5	24 34	4 23	19 22	3 1	15 17	2 55	15 21	1 5	2 21	1 3	8 55	2 34	23 23	0 7	9 27	0 18	17 39	3 42	0 6	0 9	17 19	8 53	2 14
W29	23 2	20 5	3 37	19 39	2 52	15 29	2 57	15 34	1 5	2 20	1 3	8 55	2 33	23 23	0 7	9 27	0 18	17 39	3 42	0 9	0 7	17 16	8 54	2 14
T 30	22n58	14n24	2n36	19n56	2s43	15n41	2s59	15n47	1s 4	2s19	1s 3	8s55	2n33	23s23	0s 7	9s27	0s18	17n39	3s42	0s11	0n 6	17s13	8n54	2n14

Julian Day Number = 2875377.5, Delta T = 01h13m38s
Ecliptic obliquity = 23°17'30, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°59'26, Lahiri = 40°06'27

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ASTRODIENST EPHEMERIS for the year 3160
geocentric

JULY 3160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 38 1	10♋14'04	12♍56	18♊ 7	24♉35	17♉44	26♓38	29°R44	27°R39	6°R11	23♋16	29°R29	0♈13	21♒50	17♈34	F 1
S 2	18 41 57	11°11'29	27° 9	19°33	25°31	18°29	26°41	29°D44	27♐36	6♓10	23°18	29°D28	0° 9	21°57	17°34	S 2
S 3	18 45 54	12° 8'52	11♎ 4	21° 2	26°27	19°13	26°43	29♎44	27°34	6°10	23°19	29°R28	0° 6	22° 4	17°35	S 3
M 4	18 49 51	13° 6'15	24°39	22°34	27°24	19°58	26°46	29°44	27°31	6° 9	23°21	29♓28	0° 3	22°10	17°36	M 4
T 5	18 53 47	14° 3'37	7♏58	24° 9	28°21	20°42	26°48	29°45	27°29	6° 8	23°22	29°26	29♓59	22°17	17°37	T 5
W 6	18 57 44	15° 0'57	21° 3	25°46	29°18	21°27	26°50	29°45	27°27	6° 7	23°24	29°22	29°57	22°24	17°38	W 6
T 7	19 1 40	15°58'17	3♐53	27°27	0♊16	22°11	26°52	29°45	27°24	6° 6	23°25	29°14	29°53	22°30	17°39	T 7
F 8	19 5 37	16°55'37	16°32	29°10	1°15	22°55	26°53	29°46	27°22	6° 5	23°27	29° 5	29°50	22°37	17°39	F 8
S 9	19 9 33	17°52'56	29° 1	0♋57	2°13	23°39	26°55	29°47	27°20	6° 4	23°28	28°54	29°47	22°44	17°40	S 9
S 10	19 13 30	18°50'14	11♑19	2°46	3°12	24°23	26°56	29°47	27°18	6° 4	23°30	28°41	29°44	22°50	17°40	S 10
M11	19 17 26	19°47'31	23°28	4°37	4°12	25° 7	26°57	29°48	27°15	6° 3	23°31	28°29	29°41	22°57	17°41	M11
T 12	19 21 23	20°44'49	5♒30	6°32	5°12	25°51	26°58	29°49	27°13	6° 2	23°33	28°18	29°38	23° 4	17°41	T 12
W13	19 25 20	21°42'05	17°24	8°29	6°12	26°35	26°58	29°50	27°11	6° 1	23°34	28°10	29°34	23°10	17°42	W13
T 14	19 29 16	22°39'22	29°14	10°28	7°12	27°19	26°59	29°51	27° 9	5°59	23°36	28° 3	29°31	23°17	17°42	T 14
F 15	19 33 13	23°36'38	11♓ 1	12°30	8°13	28° 3	26°59	29°53	27° 7	5°58	23°37	28° 0	29°28	23°24	17°42	F 15
S 16	19 37 9	24°33'55	22°51	14°33	9°14	28°47	26°R59	29°54	27° 4	5°57	23°39	27°D58	29°25	23°30	17°43	S 16
S 17	19 41 6	25°31'11	4♈47	16°38	10°15	29°30	26°59	29°56	27° 2	5°56	23°40	27°58	29°22	23°37	17°43	S 17
M18	19 45 2	26°28'27	16°54	18°45	11°17	0♊14	26°59	29°57	27° 0	5°55	23°41	27°59	29°19	23°44	17°43	M18
T 19	19 48 59	27°25'43	29°16	20°54	12°19	0°57	26°58	29°59	26°58	5°54	23°43	27°R59	29°15	23°50	17°43	T 19
W20	19 52 55	28°22'59	12♉ 0	23° 3	13°21	1°41	26°57	0♏ 1	26°56	5°53	23°44	27°58	29°12	23°57	17°R43	W20
T 21	19 56 52	29°20'16	25° 9	25°13	14°24	2°24	26°56	0° 2	26°54	5°51	23°46	27°55	29° 9	24° 4	17°43	T 21
F 22	20 0 49	0♌17'33	8♊47	27°23	15°26	3° 8	26°55	0° 4	26°52	5°50	23°47	27°50	29° 6	24°10	17°43	F 22
S 23	20 4 45	1°14'50	22°54	29°34	16°29	3°51	26°54	0° 6	26°50	5°49	23°49	27°44	29° 3	24°17	17°43	S 23
S 24	20 8 42	2°12'07	7♋27	1♌45	17°33	4°34	26°53	0° 9	26°48	5°48	23°50	27°36	28°59	24°24	17°43	S 24
M25	20 12 38	3° 9'24	22°22	3°55	18°36	5°17	26°51	0°11	26°47	5°46	23°52	27°27	28°56	24°30	17°42	M25
T 26	20 16 35	4° 6'41	7♌30	6° 4	19°40	6° 0	26°49	0°13	26°45	5°45	23°53	27°20	28°53	24°37	17°42	T 26
W27	20 20 31	5° 3'59	22°40	8°13	20°44	6°43	26°47	0°16	26°43	5°44	23°55	27°14	28°50	24°44	17°42	W27
T 28	20 24 28	6° 1'16	7♍43	10°21	21°48	7°26	26°45	0°18	26°41	5°42	23°56	27°10	28°47	24°50	17°41	T 28
F 29	20 28 25	6°58'33	22°31	12°27	22°52	8° 8	26°42	0°21	26°40	5°41	23°58	27°D 9	28°44	24°57	17°41	F 29
S 30	20 32 21	7°55'50	6♎58	14°32	23°56	8°51	26°40	0°23	26°38	5°40	23°59	27° 9	28°40	25° 4	17°41	S 30
S 31	20 36 18	8♌53'06	21♎ 1	16♌36	25♊ 1	9♊34	26♓37	0♏26	26♐36	5♓38	24♋ 1	27♓10	28♓37	25♒10	17♈40	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n54	8n 0	1n26	20n13	2s34	15n53	3s 0	16n 0	1s 4	2s18	1s 4	8s55	2n33	23s23	0s 7	9s28	0s18	17n39	3s42	0s12	0n 5	17s10	8n55	2n14
S 2	22 49	1 19	0 12	20 30	2 24	16 5	3 2	16 13	1 3	2 17	1 4	8 56	2 33	23 23	0 7	9 28	0 18	17 39	3 42	0 13	0 4	17 7	8 55	2 14
S 3	22 44	5s17	1s 1	20 46	2 14	16 17	3 3	16 25	1 3	2 17	1 4	8 56	2 32	23 23	0 7	9 28	0 18	17 39	3 42	0 13	0 2	17 4	8 56	2 14
M 4	22 39	11 30	2 9	21 2	2 3	16 28	3 4	16 37	1 2	2 16	1 4	8 56	2 32	23 23	0 7	9 28	0 18	17 38	3 42	0 13	0 1	17 2	8 56	2 14
T 5	22 33	17 4	3 9	21 18	1 52	16 40	3 5	16 50	1 2	2 15	1 5	8 56	2 32	23 23	0 7	9 29	0 18	17 38	3 42	0 13	0s 0	16 59	8 56	2 14
W 6	22 27	21 43	3 57	21 33	1 41	16 52	3 5	17 2	1 1	2 15	1 5	8 57	2 32	23 23	0 7	9 29	0 18	17 38	3 42	0 15	0 1	16 56	8 57	2 14
T 7	22 21	25 16	4 33	21 47	1 29	17 3	3 6	17 14	1 0	2 14	1 5	8 57	2 31	23 23	0 7	9 29	0 18	17 38	3 42	0 18	0 3	16 53	8 57	2 14
F 8	22 14	27 30	4 54	21 59	1 18	17 15	3 6	17 25	1 0	2 14	1 6	8 58	2 31	23 23	0 7	9 30	0 18	17 38	3 42	0 22	0 4	16 50	8 57	2 14
S 9	22 6	28 19	5 1	22 11	1 6	17 26	3 6	17 37	0 59	2 14	1 6	8 58	2 31	23 23	0 7	9 30	0 18	17 38	3 42	0 26	0 5	16 47	8 57	2 14
S 10	21 59	27 42	4 54	22 21	0 54	17 37	3 6	17 48	0 59	2 14	1 6	8 59	2 31	23 23	0 7	9 31	0 18	17 37	3 41	0 31	0 6	16 45	8 58	2 14
M11	21 51	25 46	4 34	22 30	0 43	17 48	3 6	17 59	0 58	2 13	1 6	8 59	2 30	23 23	0 7	9 31	0 18	17 37	3 41	0 36	0 8	16 42	8 58	2 14
T 12	21 42	22 41	4 1	22 37	0 31	17 59	3 6	18 10	0 58	2 13	1 7	9 0	2 30	23 23	0 7	9 31	0 18	17 37	3 41	0 40	0 9	16 39	8 58	2 14
W13	21 33	18 40	3 18	22 42	0 19	18 9	3 6	18 21	0 57	2 13	1 7	9 0	2 30	23 23	0 7	9 32	0 18	17 37	3 41	0 44	0 10	16 36	8 58	2 14
T 14	21 24	13 58	2 27	22 45	0 8	18 20	3 5	18 31	0 56	2 13	1 7	9 1	2 29	23 23	0 7	9 32	0 18	17 37	3 41	0 46	0 11	16 33	8 59	2 14
F 15	21 15	8 46	1 29	22 46	0n 4	18 30	3 5	18 42	0 56	2 14	1 8	9 2	2 29	23 23	0 7	9 32	0 18	17 36	3 41	0 48	0 13	16 30	8 59	2 14
S 16	21 5	3 14	0 27	22 45	0 15	18 40	3 4	18 52	0 55	2 14	1 8	9 2	2 29	23 23	0 7	9 33	0 18	17 36	3 41	0 48	0 14	16 27	8 59	2 14
S 17	20 54	2n27	0n36	22 41	0 25	18 50	3 3	19 2	0 54	2 14	1 8	9 3	2 29	23 23	0 7	9 33	0 18	17 36	3 41	0 48	0 15	16 24	8 59	2 15
M18	20 44	8 8	1 39	22 34	0 35	18 59	3 2	19 12	0 54	2 14	1 8	9 4	2 28	23 23	0 7	9 34	0 18	17 36	3 41	0 48	0 16	16 22	8 59	2 15
T 19	20 33	13 38	2 39	22 25	0 45	19 8	3 1	19 21	0 53	2 15	1 9	9 5	2 28	23 23	0 7	9 34	0 18	17 36	3 41	0 48	0 18	16 19	8 59	2 15
W20	20 21	18 43	3 33	22 14	0 54	19 17	3 0	19 31	0 52	2 15	1 9	9 6	2 28	23 22	0 7	9 35	0 18	17 35	3 41	0 48	0 19	16 16	8 59	2 15
T 21	20 10	23 6	4 18	21 59	1 3	19 26	2 59	19 40	0 52	2 16	1 9	9 7	2 28	23 22	0 7	9 35	0 18	17 35	3 41	0 49	0 20	16 13	8 59	2 15
F 22	19 58	26 23	4 49	21 43	1 11	19 34	2 57	19 49	0 51	2 17	1 9	9 7	2 27	23 22	0 7	9 36	0 18	17 35	3 41	0 51	0 21	16 10	8 59	2 15
S 23	19 45	28 10	5 5	21 23	1 18	19 42	2 56	19 58	0 50	2 18	1 10	9 8	2 27	23 22	0 7	9 36	0 18	17 35	3 41	0 54	0 23	16 7	8 59	2 15
S 24	19 33	28 6	5 1	21 1	1 24	19 49	2 54	20 6	0 50	2 18	1 10	9 9	2 27	23 22	0 7	9 37	0 18	17 35	3 41	0 57	0 24	16 4	8 59	2 15
M25	19 20	26 1	4 38	20 37	1 30	19 57	2 52	20 15	0 49	2 19	1 10	9 10	2 27	23 22	0 7	9 37	0 18	17 34	3 41	1 0	0 25	16 1	8 59	2 15
T 26	19 7	22 4	3 54	20 10	1 35	20 3	2 51	20 23	0 48	2 20	1 11	9 11	2 26	23 22	0 7	9 38	0 18	17 34	3 41	1 3	0 26	15 58	8 59	2 15
W27	18 53	16 37	2 54	19 42	1 39	20 10	2 49	20 31	0 48	2 21	1 11	9 13	2 26	23 22	0 7	9 38	0 18	17 34	3 41	1 6	0 28	15 55	8 59	2 15
T 28	18 39	10 13	1 43	19 11	1 42	20 16	2 47	20 39	0 47	2 23	1 11	9 14	2 26	23 22	0 7	9 39	0 18	17 34	3 41	1 7	0 29	15 52	8 59	2 15
F 29	18 25	3 20	0 25	18 38	1 45	20 22	2 45	20 46	0 46	2 24	1 11	9 15	2 26	23 22	0 7	9 39	0 18	17 34	3 41	1 8	0 30	15 50	8 59	2 15
S 30	18 10	3s33	0s53	18 4	1 47	20 27	2 42	20 54	0 45	2 25	1 12	9 16	2 25	23 22	0 7	9 40	0 18	17 33	3 41	1 7	0 31	15 47	8 59	2 15
S 31	17n56	10s 5	2s 5	17n29	1n48	20n32	2s40	21n 1	0s45	2s26	1s12	9s17	2n25	23s22	0s 7	9s40	0s18	17n33	3s40	1s 7	0s33	15s44	8n59	2n15

Julian Day Number = 2875407.5, Delta T = 01h13m39s
Ecliptic obliquity = 23°17'30, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°59'30, Lahiri = 40°06'31

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3160
geocentric

AUGUST 3160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 40 14	9♌50'23	4♏41	18♌38	26♊ 6	10♊16	26°R34	0♏29	26°R35	5°R37	24♋ 2	27°R11	28♓34	25♒17	17°R39	M 1
T 2	20 44 11	10°47'40	17°59	20°38	27°11	10°59	26♓31	0°32	26♐33	5♓35	24° 3	27♓11	28°31	25°24	17♈39	T 2
W 3	20 48 7	11°44'57	0♐57	22°37	28°16	11°41	26°27	0°35	26°32	5°34	24° 5	27° 9	28°28	25°30	17°38	W 3
T 4	20 52 4	12°42'13	13°37	24°34	29°22	12°23	26°24	0°38	26°30	5°33	24° 6	27° 6	28°25	25°37	17°37	T 4
F 5	20 56 0	13°39'30	26° 4	26°29	0♋27	13° 5	26°20	0°42	26°29	5°31	24° 8	27° 0	28°21	25°44	17°37	F 5
S 6	20 59 57	14°36'47	8♑20	28°22	1°33	13°47	26°16	0°45	26°27	5°30	24° 9	26°53	28°18	25°51	17°36	S 6
S 7	21 3 54	15°34'05	20°26	0♍14	2°39	14°29	26°12	0°48	26°26	5°28	24°11	26°46	28°15	25°57	17°35	S 7
M 8	21 7 50	16°31'22	2♒26	2° 4	3°45	15°11	26° 8	0°52	26°25	5°27	24°12	26°38	28°12	26° 4	17°34	M 8
T 9	21 11 47	17°28'40	14°20	3°51	4°51	15°53	26° 3	0°55	26°23	5°25	24°13	26°32	28° 9	26°11	17°33	T 9
W10	21 15 43	18°25'58	26°10	5°38	5°58	16°35	25°59	0°59	26°22	5°23	24°15	26°27	28° 5	26°17	17°32	W10
T 11	21 19 40	19°23'17	7♓58	7°22	7° 4	17°16	25°54	1° 3	26°21	5°22	24°16	26°23	28° 2	26°24	17°31	T 11
F 12	21 23 36	20°20'36	19°47	9° 4	8°11	17°58	25°49	1° 7	26°20	5°20	24°17	26°22	27°59	26°31	17°30	F 12
S 13	21 27 33	21°17'56	1♈40	10°45	9°18	18°39	25°44	1°11	26°19	5°19	24°19	26°D22	27°56	26°37	17°28	S 13
S 14	21 31 29	22°15'17	13°39	12°24	10°25	19°21	25°39	1°15	26°18	5°17	24°20	26°23	27°53	26°44	17°27	S 14
M15	21 35 26	23°12'39	25°48	14° 1	11°32	20° 2	25°33	1°19	26°17	5°16	24°21	26°24	27°50	26°50	17°26	M15
T 16	21 39 23	24°10'02	8♉12	15°37	12°40	20°43	25°28	1°23	26°16	5°14	24°23	26°26	27°46	26°57	17°25	T 16
W17	21 43 19	25° 7'25	20°55	17°10	13°47	21°24	25°22	1°27	26°15	5°12	24°24	26°R27	27°43	27° 4	17°23	W17
T 18	21 47 16	26° 4'50	4♊ 1	18°42	14°55	22° 5	25°16	1°31	26°14	5°11	24°25	26°27	27°40	27°10	17°22	T 18
F 19	21 51 12	27° 2'16	17°33	20°12	16° 3	22°46	25°10	1°36	26°13	5° 9	24°27	26°25	27°37	27°17	17°20	F 19
S 20	21 55 9	27°59'42	1♋32	21°41	17°11	23°26	25° 4	1°40	26°12	5° 8	24°28	26°22	27°34	27°24	17°19	S 20
S 21	21 59 5	28°57'10	15°58	23° 7	18°19	24° 7	24°58	1°45	26°12	5° 6	24°29	26°19	27°31	27°30	17°17	S 21
M22	22 3 2	29°54'39	0♌47	24°32	19°27	24°48	24°52	1°49	26°11	5° 4	24°30	26°15	27°27	27°37	17°16	M22
T 23	22 6 58	0♍52'09	15°52	25°55	20°35	25°28	24°45	1°54	26°11	5° 3	24°32	26°12	27°24	27°44	17°14	T 23
W24	22 10 55	1°49'40	1♍ 5	27°15	21°44	26° 8	24°38	1°59	26°10	5° 1	24°33	26°10	27°21	27°50	17°12	W24
T 25	22 14 52	2°47'12	16°15	28°34	22°52	26°49	24°32	2° 4	26° 9	5° 0	24°34	26° 8	27°18	27°57	17°11	T 25
F 26	22 18 48	3°44'44	1♎14	29°51	24° 1	27°29	24°25	2° 9	26° 9	4°58	24°35	26°D 8	27°15	28° 4	17° 9	F 26
S 27	22 22 45	4°42'18	15°53	1♎ 6	25° 9	28° 9	24°18	2°13	26° 9	4°56	24°37	26° 9	27°11	28°10	17° 7	S 27
S 28	22 26 41	5°39'52	0♏ 8	2°19	26°18	28°48	24°11	2°19	26° 8	4°55	24°38	26°10	27° 8	28°17	17° 5	S 28
M29	22 30 38	6°37'27	13°57	3°30	27°27	29°28	24° 4	2°24	26° 8	4°53	24°39	26°11	27° 5	28°24	17° 3	M29
T 30	22 34 34	7°35'02	27°20	4°38	28°36	0♋ 8	23°57	2°29	26° 8	4°51	24°40	26°12	27° 2	28°30	17° 2	T 30
W31	22 38 31	8♍32'39	10♐19	5♎44	29♋46	0♋47	23♓49	2♏34	26♐ 7	4♓50	24♋41	26°R13	26♓59	28♒37	17♈ 0	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n40	15s58	3s 8	16n52	1n48	20n36	2s38	21n 8	0s44	2s28	1s12	9s18	2n25	23s22	0s 7	9s41	0s18	17n33	3s40	1s 7	0s34	15s41	8n58	2n15
T 2	17 25	20 55	4 0	16 14	1 48	20 40	2 35	21 15	0 43	2 29	1 13	9 20	2 25	23 22	0 7	9 41	0 18	17 33	3 40	1 7	0 35	15 38	8 58	2 15
W 3	17 9	24 45	4 37	15 34	1 47	20 44	2 33	21 21	0 42	2 31	1 13	9 21	2 24	23 22	0 7	9 42	0 18	17 33	3 40	1 8	0 36	15 35	8 58	2 15
T 4	16 54	27 16	5 0	14 54	1 45	20 47	2 30	21 27	0 41	2 33	1 13	9 22	2 24	23 22	0 7	9 42	0 18	17 32	3 40	1 9	0 38	15 32	8 58	2 15
F 5	16 37	28 23	5 9	14 13	1 43	20 50	2 28	21 33	0 41	2 34	1 13	9 24	2 24	23 22	0 7	9 43	0 18	17 32	3 40	1 11	0 39	15 29	8 57	2 15
S 6	16 21	28 4	5 3	13 32	1 40	20 52	2 25	21 39	0 40	2 36	1 14	9 25	2 24	23 22	0 7	9 43	0 18	17 32	3 40	1 14	0 40	15 26	8 57	2 15
S 7	16 4	26 25	4 43	12 49	1 36	20 54	2 22	21 45	0 39	2 38	1 14	9 26	2 23	23 22	0 7	9 44	0 18	17 32	3 40	1 17	0 42	15 23	8 57	2 16
M 8	15 47	23 34	4 11	12 7	1 32	20 55	2 19	21 51	0 38	2 40	1 14	9 28	2 23	23 22	0 7	9 44	0 18	17 31	3 40	1 20	0 43	15 20	8 57	2 16
T 9	15 30	19 45	3 29	11 24	1 28	20 56	2 16	21 56	0 37	2 42	1 14	9 29	2 23	23 22	0 7	9 45	0 18	17 31	3 40	1 22	0 44	15 17	8 56	2 16
W10	15 13	15 11	2 37	10 40	1 23	20 56	2 13	22 1	0 36	2 44	1 15	9 31	2 23	23 22	0 7	9 46	0 18	17 31	3 40	1 24	0 45	15 14	8 56	2 16
T 11	14 55	10 3	1 39	9 57	1 17	20 56	2 10	22 6	0 36	2 46	1 15	9 32	2 23	23 22	0 7	9 46	0 18	17 31	3 40	1 26	0 47	15 11	8 55	2 16
F 12	14 37	4 34	0 36	9 13	1 11	20 55	2 7	22 10	0 35	2 48	1 15	9 34	2 22	23 22	0 7	9 47	0 18	17 31	3 40	1 26	0 48	15 8	8 55	2 16
S 13	14 19	1n 6	0n29	8 30	1 5	20 54	2 4	22 15	0 34	2 50	1 15	9 35	2 22	23 22	0 7	9 47	0 18	17 30	3 40	1 26	0 49	15 5	8 55	2 16
S 14	14 0	6 47	1 33	7 46	0 58	20 52	2 1	22 19	0 33	2 53	1 15	9 37	2 22	23 22	0 7	9 48	0 18	17 30	3 40	1 26	0 50	15 2	8 54	2 16
M15	13 42	12 18	2 34	7 2	0 51	20 50	1 58	22 23	0 32	2 55	1 16	9 38	2 22	23 22	0 7	9 49	0 18	17 30	3 40	1 25	0 52	14 59	8 54	2 16
T 16	13 23	17 27	3 29	6 19	0 44	20 47	1 55	22 27	0 31	2 57	1 16	9 40	2 21	23 22	0 7	9 49	0 18	17 30	3 40	1 25	0 53	14 56	8 53	2 16
W17	13 4	21 59	4 16	5 35	0 36	20 44	1 51	22 31	0 30	3 0	1 16	9 42	2 21	23 22	0 7	9 50	0 18	17 30	3 40	1 24	0 54	14 53	8 53	2 16
T 18	12 45	25 34	4 50	4 52	0 28	20 40	1 48	22 34	0 29	3 2	1 16	9 43	2 21	23 22	0 7	9 50	0 18	17 29	3 40	1 24	0 55	14 50	8 52	2 16
F 19	12 25	27 51	5 10	4 9	0 19	20 36	1 45	22 37	0 28	3 5	1 17	9 45	2 21	23 22	0 7	9 51	0 18	17 29	3 40	1 25	0 57	14 47	8 52	2 16
S 20	12 6	28 29	5 12	3 27	0 11	20 31	1 41	22 40	0 27	3 7	1 17	9 47	2 21	23 22	0 7	9 52	0 18	17 29	3 40	1 26	0 58	14 44	8 51	2 16
S 21	11 46	27 14	4 55	2 45	0 2	20 26	1 38	22 43	0 26	3 10	1 17	9 49	2 20	23 22	0 7	9 52	0 18	17 29	3 40	1 27	0 59	14 41	8 51	2 16
M22	11 26	24 4	4 19	2 3	0s 7	20 20	1 34	22 46	0 26	3 13	1 17	9 50	2 20	23 22	0 7	9 53	0 18	17 28	3 40	1 29	1 0	14 38	8 50	2 16
T 23	11 6	19 13	3 24	1 22	0 16	20 14	1 31	22 48	0 25	3 16	1 17	9 52	2 20	23 21	0 7	9 53	0 18	17 28	3 40	1 30	1 2	14 35	8 49	2 16
W24	10 46	13 6	2 14	0 41	0 26	20 7	1 28	22 51	0 24	3 18	1 18	9 54	2 20	23 21	0 7	9 54	0 18	17 28	3 40	1 31	1 3	14 32	8 49	2 16
T 25	10 25	6 13	0 54	0 1	0 36	19 59	1 24	22 53	0 23	3 21	1 18	9 56	2 20	23 21	0 7	9 55	0 18	17 28	3 40	1 32	1 4	14 29	8 48	2 16
F 26	10 4	0s55	0s28	0s38	0 46	19 51	1 20	22 54	0 22	3 24	1 18	9 58	2 19	23 21	0 7	9 55	0 18	17 28	3 40	1 32	1 5	14 26	8 47	2 16
S 27	9 44	7 51	1 47	1 17	0 56	19 43	1 17	22 56	0 21	3 27	1 18	10 0	2 19	23 21	0 7	9 56	0 18	17 27	3 40	1 31	1 7	14 23	8 47	2 16
S 28	9 23	14 12	2 57	1 55	1 6	19 34	1 13	22 58	0 20	3 30	1 18	10 1	2 19	23 21	0 7	9 56	0 18	17 27	3 40	1 31	1 8	14 20	8 46	2 16
M29	9 2	19 39	3 54	2 33	1 16	19 24	1 10	22 59	0 19	3 33	1 18	10 3	2 19	23 21	0 7	9 57	0 18	17 27	3 40	1 30	1 9	14 17	8 45	2 16
T 30	8 40	23 56	4 37	3 9	1 26	19 14	1 6	23 0	0 18	3 36	1 19	10 5	2 19	23 21	0 7	9 58	0 18	17 27	3 40	1 30	1 10	14 14	8 45	2 16
W31	8n19	26s52	5s 4	3s45	1s36	19n 3	1s 3	23n 1	0s17	3s39	1s19	10s 7	2n18	23s21	0s 7	9s58	0s18	17n27	3s40	1s30	1s12	14s11	8n44	2n16

Julian Day Number = 2875438.5, Delta T = 01h13m39s
Ecliptic obliquity = 23°17'30, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°59'35, Lahiri = 40°06'35

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ASTRODIENST EPHEMERIS for the year 3160
geocentric

SEPTEMBER 3160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 42 27	9♍30'17	22♐58	6♎48	0♌55	1♋27	23°R42	2♏39	26°R 7	4°R48	24♋42	26°R12	26♓56	28♒44	16°R58	T 1
F 2	22 46 24	10°27'55	5♑20	7°49	2° 4	2° 6	23♓34	2°45	26♐ 7	4♓46	24°43	26♓11	26°52	28°50	16♈56	F 2
S 3	22 50 21	11°25'34	17°29	8°47	3°14	2°45	23°27	2°50	26° 7	4°45	24°44	26° 9	26°49	28°57	16°54	S 3
S 4	22 54 17	12°23'14	29°28	9°43	4°24	3°24	23°19	2°56	26°D 7	4°43	24°46	26° 7	26°46	29° 4	16°51	S 4
M 5	22 58 14	13°20'56	11♒21	10°36	5°33	4° 3	23°12	3° 1	26° 7	4°42	24°47	26° 5	26°43	29°10	16°49	M 5
T 6	23 2 10	14°18'38	23°11	11°25	6°43	4°42	23° 4	3° 7	26° 7	4°40	24°48	26° 3	26°40	29°17	16°47	T 6
W 7	23 6 7	15°16'21	5♓ 0	12°12	7°53	5°20	22°56	3°13	26° 7	4°38	24°49	26° 2	26°36	29°24	16°45	W 7
T 8	23 10 3	16°14'06	16°50	12°54	9° 3	5°59	22°48	3°18	26° 8	4°37	24°50	26° 2	26°33	29°30	16°43	T 8
F 9	23 14 0	17°11'52	28°44	13°34	10°13	6°37	22°41	3°24	26° 8	4°35	24°51	26°D 1	26°30	29°37	16°41	F 9
S 10	23 17 56	18° 9'39	10♈44	14° 9	11°24	7°15	22°33	3°30	26° 8	4°34	24°52	26° 2	26°27	29°44	16°38	S 10
S 11	23 21 53	19° 7'28	22°53	14°40	12°34	7°53	22°25	3°36	26° 8	4°32	24°53	26° 2	26°24	29°50	16°36	S 11
M12	23 25 49	20° 5'18	5♉11	15° 7	13°45	8°31	22°17	3°42	26° 9	4°31	24°54	26° 3	26°21	29°57	16°34	M12
T 13	23 29 46	21° 3'10	17°43	15°29	14°55	9° 9	22° 9	3°48	26° 9	4°29	24°54	26° 3	26°17	0♓ 4	16°31	T 13
W14	23 33 43	22° 1'03	0♊31	15°46	16° 6	9°47	22° 1	3°54	26°10	4°27	24°55	26° 4	26°14	0°10	16°29	W14
T 15	23 37 39	22°58'59	13°38	15°59	17°17	10°24	21°53	4° 0	26°10	4°26	24°56	26° 4	26°11	0°17	16°26	T 15
F 16	23 41 36	23°56'56	27° 5	16° 5	18°27	11° 2	21°45	4° 6	26°11	4°24	24°57	26°R 4	26° 8	0°24	16°24	F 16
S 17	23 45 32	24°54'55	10♋55	16°R 7	19°38	11°39	21°37	4°12	26°12	4°23	24°58	26° 4	26° 5	0°30	16°22	S 17
S 18	23 49 29	25°52'56	25° 8	16° 2	20°49	12°16	21°30	4°19	26°12	4°21	24°59	26°D 4	26° 2	0°37	16°19	S 18
M19	23 53 25	26°50'58	9♌40	15°51	22° 0	12°53	21°22	4°25	26°13	4°20	25° 0	26° 4	25°58	0°44	16°17	M19
T 20	23 57 22	27°49'03	24°30	15°34	23°12	13°30	21°14	4°31	26°14	4°18	25° 0	26° 4	25°55	0°50	16°14	T 20
W21	0 1 18	28°47'09	9♍30	15°11	24°23	14° 7	21° 6	4°38	26°15	4°17	25° 1	26° 4	25°52	0°57	16°11	W21
T 22	0 5 15	29°45'16	24°32	14°42	25°34	14°43	20°58	4°44	26°16	4°16	25° 2	26°R 4	25°49	1° 4	16° 9	T 22
F 23	0 9 12	0♎43'25	9♎27	14° 6	26°46	15°19	20°51	4°51	26°17	4°14	25° 3	26° 4	25°46	1°10	16° 6	F 23
S 24	0 13 8	1°41'36	24° 9	13°25	27°57	15°56	20°43	4°57	26°18	4°13	25° 3	26° 4	25°42	1°17	16° 4	S 24
S 25	0 17 5	2°39'49	8♏30	12°38	29° 9	16°32	20°35	5° 4	26°19	4°11	25° 4	26° 3	25°39	1°24	16° 1	S 25
M26	0 21 1	3°38'03	22°26	11°47	0♍21	17° 7	20°28	5°10	26°20	4°10	25° 5	26° 2	25°36	1°30	15°58	M26
T 27	0 24 58	4°36'18	5♐57	10°52	1°33	17°43	20°20	5°17	26°21	4° 9	25° 5	26° 2	25°33	1°37	15°56	T 27
W28	0 28 54	5°34'35	19° 1	9°53	2°44	18°18	20°13	5°24	26°22	4° 7	25° 6	26° 1	25°30	1°44	15°53	W28
T 29	0 32 51	6°32'54	1♑42	8°53	3°56	18°54	20° 6	5°30	26°24	4° 6	25° 7	26°D 0	25°27	1°50	15°51	T 29
F 30	0 36 47	7♎31'13	14♑ 5	7♎52	5♍ 8	19♋29	19♓59	5♏37	26♐25	4♓ 5	25♋ 7	26♓ 0	25♓23	1♓57	15♈48	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n57	28 s21	5 s15	4 s19	1 s47	18n52	0 s59	23n 2	0 s16	3 s42	1 s19	10 s 9	2n18	23 s21	0 s 7	9 s59	0 s19	17n26	3 s40	1 s30	1 s13	14 s 8	8n43	2n16
F 2	7 36	28 23	5 12	4 53	1 57	18 40	0 56	23 2	0 14	3 45	1 19	10 11	2 18	23 21	0 7	9 59	0 19	17 26	3 40	1 31	1 14	14 5	8 42	2 16
S 3	7 14	27 1	4 54	5 25	2 8	18 28	0 52	23 2	0 13	3 48	1 19	10 13	2 18	23 21	0 7	10 0	0 19	17 26	3 40	1 31	1 15	14 2	8 42	2 16
S 4	6 52	24 27	4 24	5 57	2 18	18 16	0 48	23 3	0 12	3 51	1 19	10 15	2 18	23 21	0 7	10 1	0 19	17 26	3 40	1 32	1 17	13 59	8 41	2 16
M 5	6 30	20 50	3 43	6 27	2 28	18 2	0 45	23 3	0 11	3 54	1 20	10 17	2 18	23 21	0 7	10 1	0 19	17 26	3 40	1 33	1 18	13 56	8 40	2 16
T 6	6 8	16 25	2 52	6 56	2 39	17 49	0 41	23 2	0 10	3 57	1 20	10 19	2 17	23 21	0 7	10 2	0 19	17 25	3 40	1 33	1 19	13 52	8 39	2 16
W 7	5 46	11 23	1 54	7 23	2 49	17 35	0 38	23 2	0 9	4 1	1 20	10 21	2 17	23 21	0 7	10 2	0 19	17 25	3 40	1 34	1 20	13 49	8 38	2 16
T 8	5 24	5 57	0 51	7 49	2 59	17 20	0 34	23 2	0 8	4 4	1 20	10 23	2 17	23 21	0 7	10 3	0 19	17 25	3 40	1 34	1 22	13 46	8 37	2 16
F 9	5 2	0 16	0n15	8 13	3 8	17 5	0 31	23 1	0 7	4 7	1 20	10 25	2 17	23 21	0 7	10 3	0 19	17 25	3 40	1 34	1 23	13 43	8 37	2 16
S 10	4 39	5n28	1 21	8 35	3 18	16 49	0 27	23 0	0 6	4 10	1 20	10 28	2 17	23 22	0 7	10 4	0 19	17 25	3 40	1 34	1 24	13 40	8 36	2 16
S 11	4 17	11 4	2 24	8 56	3 27	16 33	0 24	22 59	0 5	4 13	1 20	10 30	2 17	23 22	0 7	10 5	0 19	17 25	3 40	1 34	1 25	13 37	8 35	2 16
M12	3 54	16 20	3 21	9 14	3 36	16 17	0 20	22 58	0 3	4 16	1 20	10 32	2 16	23 22	0 7	10 5	0 19	17 24	3 40	1 34	1 27	13 34	8 34	2 16
T 13	3 32	21 0	4 9	9 30	3 44	16 0	0 17	22 56	0 2	4 20	1 20	10 34	2 16	23 22	0 7	10 6	0 19	17 24	3 40	1 33	1 28	13 31	8 33	2 16
W14	3 9	24 48	4 47	9 44	3 52	15 42	0 13	22 55	0 1	4 23	1 20	10 36	2 16	23 22	0 7	10 6	0 19	17 24	3 40	1 33	1 29	13 28	8 32	2 16
T 15	2 46	27 26	5 10	9 56	3 59	15 24	0 10	22 53	0n 0	4 26	1 20	10 38	2 16	23 22	0 7	10 7	0 19	17 24	3 40	1 33	1 30	13 25	8 31	2 16
F 16	2 23	28 33	5 18	10 4	4 6	15 6	0 6	22 51	0 1	4 29	1 21	10 41	2 16	23 22	0 7	10 7	0 19	17 24	3 40	1 33	1 32	13 22	8 30	2 16
S 17	2 1	27 57	5 7	10 10	4 11	14 47	0 3	22 49	0 2	4 32	1 21	10 43	2 16	23 22	0 7	10 8	0 19	17 24	3 40	1 33	1 33	13 19	8 29	2 16
S 18	1 38	25 32	4 38	10 13	4 16	14 28	0n 0	22 47	0 4	4 35	1 21	10 45	2 16	23 22	0 7	10 9	0 19	17 23	3 40	1 33	1 34	13 15	8 28	2 16
M19	1 15	21 25	3 50	10 12	4 20	14 9	0 3	22 45	0 5	4 38	1 21	10 47	2 15	23 22	0 7	10 9	0 19	17 23	3 40	1 33	1 35	13 12	8 27	2 16
T 20	0 52	15 54	2 47	10 8	4 22	13 49	0 7	22 43	0 6	4 42	1 21	10 49	2 15	23 22	0 7	10 10	0 19	17 23	3 40	1 33	1 37	13 9	8 26	2 16
W21	0 29	9 22	1 31	10 0	4 24	13 28	0 10	22 40	0 7	4 45	1 21	10 52	2 15	23 22	0 7	10 10	0 19	17 23	3 40	1 33	1 38	13 6	8 25	2 16
T 22	0 6	2 18	0 9	9 49	4 24	13 7	0 13	22 38	0 9	4 48	1 21	10 54	2 15	23 22	0 7	10 11	0 19	17 23	3 40	1 33	1 39	13 3	8 24	2 16
F 23	0 s17	4 s51	1 s14	9 33	4 22	12 46	0 16	22 35	0 10	4 51	1 21	10 56	2 15	23 22	0 7	10 11	0 19	17 23	3 40	1 33	1 40	13 0	8 23	2 16
S 24	0 40	11 38	2 30	9 14	4 19	12 25	0 19	22 32	0 11	4 54	1 21	10 58	2 15	23 22	0 7	10 12	0 19	17 22	3 40	1 33	1 42	12 57	8 22	2 16
S 25	1 3	17 38	3 34	8 51	4 13	12 3	0 22	22 29	0 12	4 57	1 21	11 1	2 15	23 22	0 7	10 12	0 19	17 22	3 41	1 34	1 43	12 54	8 21	2 16
M26	1 26	22 32	4 24	8 25	4 6	11 41	0 25	22 26	0 14	5 0	1 21	11 3	2 15	23 22	0 7	10 13	0 19	17 22	3 41	1 34	1 44	12 51	8 20	2 16
T 27	1 49	26 3	4 58	7 55	3 57	11 18	0 28	22 22	0 15	5 3	1 21	11 5	2 14	23 22	0 7	10 13	0 19	17 22	3 41	1 34	1 46	12 47	8 19	2 16
W28	2 12	28 4	5 15	7 22	3 47	10 55	0 31	22 19	0 16	5 5	1 21	11 8	2 14	23 22	0 7	10 14	0 19	17 22	3 41	1 35	1 47	12 44	8 18	2 15
T 29	2 35	28 32	5 16	6 47	3 34	10 32	0 34	22 15	0 17	5 8	1 21	11 10	2 14	23 22	0 7	10 14	0 19	17 22	3 41	1 35	1 48	12 41	8 17	2 15
F 30	2 s58	27 s33	5 s 2	6 s10	3 s20	10n 9	0n37	22n12	0n19	5 s11	1 s21	11 s12	2n14	23 s22	0 s 7	10 s15	0 s19	17n22	3 s41	1 s35	1 s49	12 s38	8n16	2n15

Julian Day Number = 2875469.5, Delta T = 01h13m40s
Ecliptic obliquity = 23°17'30, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°59'39, Lahiri = 40°06'39

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ASTRODIENST EPHEMERIS for the year 3160
geocentric

OCTOBER 3160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 40 44	8♎29'35	26♉11	6°R52	6♍20	20♋ 4	19°R51	5♏44	26♐26	4°R 3	25♋ 8	26♓ 1	25♓20	2♓ 4	15°R45	S 1
S 2	0 44 41	9°27'57	8♒ 8	5♎54	7°33	20°39	19♓44	5°51	26°28	4♓ 2	25° 8	26° 2	25°17	2°10	15♈43	S 2
M 3	0 48 37	10°26'22	19°58	5° 0	8°45	21°13	19°37	5°58	26°29	4° 1	25° 9	26° 3	25°14	2°17	15°40	M 3
T 4	0 52 34	11°24'48	1♓47	4°10	9°57	21°47	19°31	6° 4	26°31	4° 0	25° 9	26° 5	25°11	2°24	15°37	T 4
W 5	0 56 30	12°23'15	13°37	3°27	11°10	22°22	19°24	6°11	26°32	3°58	25°10	26° 6	25° 8	2°30	15°34	W 5
T 6	1 0 27	13°21'44	25°32	2°51	12°22	22°56	19°17	6°18	26°34	3°57	25°10	26°R 6	25° 4	2°37	15°32	T 6
F 7	1 4 23	14°20'15	7♈35	2°24	13°34	23°29	19°11	6°25	26°36	3°56	25°11	26° 6	25° 1	2°43	15°29	F 7
S 8	1 8 20	15°18'48	19°47	2° 5	14°47	24° 3	19° 5	6°32	26°37	3°55	25°11	26° 4	24°58	2°50	15°26	S 8
S 9	1 12 16	16°17'22	2♉10	1°D56	16° 0	24°36	18°58	6°39	26°39	3°54	25°11	26° 2	24°55	2°57	15°24	S 9
M10	1 16 13	17°15'59	14°45	1°57	17°12	25°10	18°52	6°46	26°41	3°53	25°12	25°59	24°52	3° 3	15°21	M10
T 11	1 20 10	18°14'37	27°33	2° 7	18°25	25°43	18°46	6°53	26°43	3°52	25°12	25°56	24°48	3°10	15°18	T 11
W12	1 24 6	19°13'18	10♊35	2°28	19°38	26°15	18°41	7° 1	26°45	3°51	25°13	25°52	24°45	3°17	15°15	W12
T 13	1 28 3	20°12'01	23°52	2°57	20°51	26°48	18°35	7° 8	26°47	3°50	25°13	25°49	24°42	3°23	15°13	T 13
F 14	1 31 59	21°10'46	7♋23	3°36	22° 4	27°20	18°29	7°15	26°49	3°49	25°13	25°48	24°39	3°30	15°10	F 14
S 15	1 35 56	22° 9'33	21° 9	4°24	23°17	27°52	18°24	7°22	26°51	3°48	25°13	25°D47	24°36	3°37	15° 7	S 15
S 16	1 39 52	23° 8'23	5♌10	5°19	24°30	28°24	18°19	7°29	26°53	3°47	25°14	25°47	24°33	3°43	15° 5	S 16
M17	1 43 49	24° 7'14	19°26	6°22	25°43	28°56	18°14	7°36	26°55	3°46	25°14	25°49	24°29	3°50	15° 2	M17
T 18	1 47 45	25° 6'08	3♍53	7°32	26°57	29°27	18° 9	7°44	26°57	3°45	25°14	25°50	24°26	3°57	14°59	T 18
W19	1 51 42	26° 5'04	18°30	8°48	28°10	29°58	18° 4	7°51	26°59	3°44	25°14	25°R51	24°23	4° 3	14°57	W19
T 20	1 55 39	27° 4'02	3♎11	10° 9	29°23	0♌29	18° 0	7°58	27° 1	3°43	25°14	25°51	24°20	4°10	14°54	T 20
F 21	1 59 35	28° 3'02	17°49	11°35	0♎37	1° 0	17°55	8° 5	27° 4	3°43	25°14	25°50	24°17	4°17	14°51	F 21
S 22	2 3 32	29° 2'04	2♏19	13° 4	1°50	1°30	17°51	8°13	27° 6	3°42	25°14	25°46	24°13	4°23	14°49	S 22
S 23	2 7 28	0♏ 1'09	16°34	14°37	3° 4	2° 0	17°47	8°20	27° 8	3°41	25°15	25°42	24°10	4°30	14°46	S 23
M24	2 11 25	1° 0'15	0♐29	16°13	4°17	2°30	17°43	8°27	27°11	3°40	25°15	25°36	24° 7	4°37	14°44	M24
T 25	2 15 21	1°59'23	14° 1	17°51	5°31	3° 0	17°40	8°35	27°13	3°40	25°R15	25°30	24° 4	4°43	14°41	T 25
W26	2 19 18	2°58'33	27° 8	19°31	6°45	3°29	17°36	8°42	27°16	3°39	25°15	25°25	24° 1	4°50	14°39	W26
T 27	2 23 14	3°57'44	9♑52	21°13	7°59	3°58	17°33	8°49	27°18	3°38	25°15	25°21	23°58	4°57	14°36	T 27
F 28	2 27 11	4°56'58	22°16	22°55	9°12	4°27	17°30	8°57	27°21	3°38	25°15	25°18	23°54	5° 3	14°34	F 28
S 29	2 31 8	5°56'12	4♒24	24°39	10°26	4°55	17°27	9° 4	27°23	3°37	25°14	25°D17	23°51	5°10	14°31	S 29
S 30	2 35 4	6°55'29	16°20	26°22	11°40	5°23	17°24	9°11	27°26	3°37	25°14	25°18	23°48	5°17	14°29	S 30
M31	2 39 1	7♏54'47	28♒10	28♎ 7	12♎54	5♌51	17♓22	9♏19	27♐29	3♓36	25♋14	25♓19	23♓45	5♓23	14♈26	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s21	25s16	4s34	5s31	3s 4	9n45	0n40	22n 8	0n20	5s14	1s21	11s15	2n14	23s22	0s 7	10s15	0s19	17n21	3s41	1s34	1s51	12s35	8n15	2n15
S 2	3 44	21 55	3 56	4 52	2 46	9 21	0 42	22 4	0 21	5 17	1 21	11 17	2 14	23 22	0 7	10 16	0 19	17 21	3 41	1 34	1 52	12 32	8 14	2 15
M 3	4 7	17 41	3 7	4 14	2 28	8 56	0 45	22 0	0 23	5 19	1 21	11 19	2 14	23 22	0 7	10 16	0 19	17 21	3 41	1 34	1 53	12 29	8 13	2 15
T 4	4 29	12 49	2 11	3 37	2 8	8 32	0 48	21 56	0 24	5 22	1 21	11 21	2 14	23 22	0 7	10 17	0 19	17 21	3 41	1 33	1 54	12 25	8 11	2 15
W 5	4 52	7 28	1 9	3 2	1 48	8 7	0 50	21 52	0 26	5 24	1 21	11 24	2 14	23 22	0 7	10 17	0 19	17 21	3 41	1 33	1 56	12 22	8 10	2 15
T 6	5 15	1 49	0 3	2 29	1 28	7 41	0 53	21 48	0 27	5 27	1 20	11 26	2 14	23 22	0 7	10 17	0 19	17 21	3 41	1 32	1 57	12 19	8 9	2 15
F 7	5 37	3n57	1n 3	2 0	1 8	7 16	0 55	21 44	0 28	5 29	1 20	11 29	2 13	23 22	0 7	10 18	0 19	17 21	3 41	1 33	1 58	12 16	8 8	2 15
S 8	6 0	9 39	2 7	1 34	0 49	6 50	0 57	21 39	0 30	5 32	1 20	11 31	2 13	23 22	0 7	10 18	0 19	17 21	3 41	1 33	1 59	12 13	8 7	2 15
S 9	6 22	15 4	3 6	1 13	0 30	6 25	1 0	21 35	0 31	5 34	1 20	11 33	2 13	23 22	0 7	10 19	0 19	17 21	3 41	1 34	2 1	12 10	8 6	2 15
M10	6 44	19 56	3 57	0 56	0 11	5 58	1 2	21 30	0 33	5 36	1 20	11 36	2 13	23 22	0 7	10 19	0 19	17 20	3 41	1 35	2 2	12 7	8 5	2 15
T 11	7 7	23 59	4 37	0 45	0n 6	5 32	1 4	21 26	0 34	5 39	1 20	11 38	2 13	23 23	0 7	10 19	0 19	17 20	3 41	1 37	2 3	12 3	8 4	2 15
W12	7 29	26 54	5 3	0 38	0 22	5 6	1 6	21 21	0 36	5 41	1 20	11 40	2 13	23 23	0 7	10 20	0 19	17 20	3 41	1 38	2 4	12 0	8 3	2 15
T 13	7 51	28 23	5 14	0 36	0 37	4 39	1 8	21 17	0 37	5 43	1 20	11 43	2 13	23 23	0 7	10 20	0 19	17 20	3 41	1 39	2 6	11 57	8 1	2 14
F 14	8 13	28 13	5 8	0 38	0 51	4 12	1 10	21 12	0 39	5 45	1 20	11 45	2 13	23 23	0 7	10 20	0 19	17 20	3 41	1 40	2 7	11 54	8 0	2 14
S 15	8 35	26 19	4 44	0 46	1 4	3 45	1 12	21 7	0 40	5 47	1 20	11 47	2 13	23 23	0 7	10 21	0 19	17 20	3 41	1 40	2 8	11 51	7 59	2 14
S 16	8 56	22 47	4 3	0 58	1 15	3 18	1 14	21 2	0 42	5 49	1 20	11 50	2 13	23 23	0 7	10 21	0 19	17 20	3 41	1 40	2 9	11 47	7 58	2 14
M17	9 18	17 51	3 7	1 14	1 24	2 51	1 16	20 57	0 43	5 51	1 19	11 52	2 13	23 23	0 7	10 22	0 19	17 20	3 41	1 39	2 11	11 44	7 57	2 14
T 18	9 39	11 51	1 58	1 33	1 32	2 24	1 17	20 52	0 45	5 53	1 19	11 54	2 13	23 23	0 7	10 22	0 19	17 20	3 41	1 39	2 12	11 41	7 56	2 14
W19	10 1	5 8	0 40	1 57	1 39	1 56	1 19	20 47	0 46	5 54	1 19	11 57	2 13	23 23	0 7	10 22	0 19	17 20	3 41	1 38	2 13	11 38	7 55	2 14
T 20	10 22	1s52	0s40	2 23	1 45	1 28	1 21	20 42	0 48	5 56	1 19	11 59	2 13	23 23	0 7	10 22	0 19	17 20	3 41	1 38	2 14	11 35	7 54	2 14
F 21	10 43	8 45	1 57	2 52	1 50	1 1	1 22	20 37	0 50	5 58	1 19	12 1	2 13	23 23	0 8	10 23	0 19	17 20	3 41	1 39	2 16	11 32	7 53	2 14
S 22	11 4	15 7	3 6	3 24	1 53	0 33	1 23	20 32	0 51	5 59	1 19	12 4	2 13	23 23	0 8	10 23	0 19	17 20	3 41	1 40	2 17	11 28	7 51	2 14
S 23	11 25	20 33	4 2	3 57	1 55	0 5	1 25	20 27	0 53	6 1	1 19	12 6	2 13	23 23	0 8	10 23	0 19	17 20	3 41	1 42	2 18	11 25	7 50	2 13
M24	11 45	24 43	4 42	4 33	1 56	0s23	1 26	20 22	0 54	6 2	1 19	12 9	2 12	23 23	0 8	10 24	0 19	17 20	3 41	1 44	2 19	11 22	7 49	2 13
T 25	12 6	27 23	5 5	5 10	1 57	0 51	1 27	20 17	0 56	6 3	1 18	12 11	2 12	23 23	0 8	10 24	0 19	17 20	3 41	1 47	2 21	11 19	7 48	2 13
W26	12 26	28 26	5 11	5 48	1 56	1 19	1 28	20 11	0 58	6 4	1 18	12 13	2 12	23 23	0 8	10 24	0 19	17 19	3 41	1 49	2 22	11 16	7 47	2 13
T 27	12 46	27 56	5 1	6 27	1 55	1 47	1 29	20 6	0 59	6 6	1 18	12 16	2 12	23 23	0 8	10 24	0 19	17 19	3 41	1 50	2 23	11 12	7 46	2 13
F 28	13 6	26 2	4 37	7 6	1 53	2 15	1 30	20 1	1 1	6 7	1 18	12 18	2 12	23 23	0 8	10 24	0 19	17 19	3 42	1 51	2 24	11 9	7 45	2 13
S 29	13 25	22 57	4 2	7 46	1 51	2 43	1 31	19 56	1 3	6 8	1 18	12 20	2 12	23 23	0 8	10 25	0 19	17 19	3 42	1 52	2 26	11 6	7 44	2 13
S 30	13 45	18 58	3 16	8 27	1 47	3 10	1 32	19 51	1 5	6 8	1 18	12 23	2 12	23 24	0 8	10 25	0 19	17 19	3 42	1 52	2 27	11 3	7 43	2 13
M31	14s 4	14s16	2s22	9s 7	1n44	3s38	1n33	19n46	1n 6	6s 9	1s18	12s25	2n12	23s24	0s 8	10s25	0s19	17n19	3s42	1s51	2s28	11s 0	7n42	2n13

Julian Day Number = 2875499.5, Delta T = 01h13m41s
Ecliptic obliquity = 23°17'30, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°59'43, Lahiri = 40°06'44

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ASTRODIENST EPHEMERIS for the year 3160
geocentric

NOVEMBER 3160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 42 57	8♏54'07	9♓58	29♎51	14♎ 8	6♌19	17°R19	9♏26	27♐31	3°R36	25°R14	25♓21	23♓42	5♓30	14°R24	T 1
W 2	2 46 54	9°53'29	21°50	1♏35	15°22	6°46	17♓17	9°33	27°34	3♓35	25♋14	25°R22	23°39	5°36	14♈21	W 2
T 3	2 50 50	10°52'52	3♈50	3°20	16°36	7°13	17°15	9°41	27°37	3°35	25°14	25°21	23°35	5°43	14°19	T 3
F 4	2 54 47	11°52'18	16° 2	5° 4	17°50	7°39	17°14	9°48	27°40	3°35	25°14	25°19	23°32	5°50	14°17	F 4
S 5	2 58 43	12°51'45	28°27	6°47	19° 4	8° 5	17°12	9°55	27°43	3°34	25°13	25°15	23°29	5°56	14°14	S 5
S 6	3 2 40	13°51'14	11♉ 8	8°31	20°19	8°31	17°11	10° 3	27°46	3°34	25°13	25° 8	23°26	6° 3	14°12	S 6
M 7	3 6 36	14°50'45	24° 4	10°13	21°33	8°57	17°10	10°10	27°48	3°34	25°13	25° 0	23°23	6°10	14°10	M 7
T 8	3 10 33	15°50'18	7♊15	11°56	22°47	9°22	17° 9	10°17	27°51	3°33	25°12	24°51	23°19	6°16	14° 8	T 8
W 9	3 14 30	16°49'53	20°40	13°38	24° 1	9°47	17° 8	10°25	27°54	3°33	25°12	24°42	23°16	6°23	14° 5	W 9
T 10	3 18 26	17°49'31	4♋17	15°19	25°16	10°11	17° 8	10°32	27°57	3°33	25°12	24°34	23°13	6°30	14° 3	T 10
F 11	3 22 23	18°49'10	18° 3	17° 0	26°30	10°35	17° 7	10°39	28° 0	3°33	25°11	24°28	23°10	6°36	14° 1	F 11
S 12	3 26 19	19°48'52	1♌56	18°40	27°45	10°59	17°D 7	10°47	28° 3	3°33	25°11	24°25	23° 7	6°43	13°59	S 12
S 13	3 30 16	20°48'36	15°56	20°20	28°59	11°22	17° 7	10°54	28° 7	3°33	25°11	24°D23	23° 4	6°50	13°57	S 13
M14	3 34 12	21°48'22	0♍ 2	21°59	0♏14	11°45	17° 8	11° 1	28°10	3°33	25°10	24°23	23° 0	6°56	13°55	M14
T 15	3 38 9	22°48'10	14°12	23°38	1°28	12° 7	17° 8	11° 8	28°13	3°D33	25°10	24°24	22°57	7° 3	13°53	T 15
W16	3 42 6	23°48'00	28°25	25°16	2°43	12°29	17° 9	11°16	28°16	3°33	25° 9	24°R24	22°54	7°10	13°51	W16
T 17	3 46 2	24°47'52	12♎40	26°53	3°57	12°51	17°10	11°23	28°19	3°33	25° 9	24°23	22°51	7°16	13°49	T 17
F 18	3 49 59	25°47'47	26°52	28°31	5°12	13°12	17°11	11°30	28°23	3°33	25° 8	24°19	22°48	7°23	13°48	F 18
S 19	3 53 55	26°47'43	10♏59	0♐ 7	6°27	13°33	17°12	11°37	28°26	3°33	25° 8	24°12	22°45	7°30	13°46	S 19
S 20	3 57 52	27°47'42	24°55	1°44	7°41	13°53	17°14	11°45	28°29	3°33	25° 7	24° 3	22°41	7°36	13°44	S 20
M21	4 1 48	28°47'43	8♐36	3°19	8°56	14°12	17°15	11°52	28°32	3°33	25° 7	23°52	22°38	7°43	13°42	M21
T 22	4 5 45	29°47'45	21°59	4°55	10°11	14°32	17°17	11°59	28°36	3°34	25° 6	23°41	22°35	7°49	13°41	T 22
W23	4 9 41	0♐47'49	5♑ 2	6°30	11°26	14°50	17°20	12° 6	28°39	3°34	25° 5	23°30	22°32	7°56	13°39	W23
T 24	4 13 38	1°47'54	17°45	8° 4	12°41	15° 9	17°22	12°13	28°42	3°34	25° 5	23°20	22°29	8° 3	13°37	T 24
F 25	4 17 35	2°48'01	0♒ 8	9°38	13°55	15°26	17°24	12°20	28°46	3°35	25° 4	23°13	22°25	8° 9	13°36	F 25
S 26	4 21 31	3°48'10	12°16	11°12	15°10	15°43	17°27	12°27	28°49	3°35	25° 3	23° 8	22°22	8°16	13°34	S 26
S 27	4 25 28	4°48'20	24°12	12°45	16°25	16° 0	17°30	12°34	28°53	3°35	25° 3	23° 6	22°19	8°23	13°33	S 27
M28	4 29 24	5°48'32	6♓ 1	14°18	17°40	16°16	17°33	12°41	28°56	3°36	25° 2	23°D 6	22°16	8°29	13°31	M28
T 29	4 33 21	6°48'44	17°49	15°51	18°55	16°32	17°36	12°48	29° 0	3°36	25° 1	23°R 6	22°13	8°36	13°30	T 29
W30	4 37 17	7♐48'59	29♓42	17♐23	20♏10	16♌47	17♓40	12♏55	29♐ 3	3♓37	25♋ 0	23♓ 6	22♓10	8♓43	13♈29	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s23	9s 3	1s23	9s48	1n40	4s 6	1n33	19n41	1n 8	6s10	1s17	12s27	2n12	23s24	0s 8	10s25	0s19	17n19	3s42	1s50	2s29	10s56	7n41	2n12
W 2	14 41	3 31	0 19	10 28	1 35	4 34	1 34	19 36	1 10	6 11	1 17	12 29	2 12	23 24	0 8	10 25	0 19	17 19	3 42	1 50	2 31	10 53	7 40	2 12
T 3	15 0	2n13	0n46	11 8	1 30	5 2	1 34	19 31	1 12	6 11	1 17	12 32	2 12	23 24	0 8	10 25	0 19	17 19	3 42	1 50	2 32	10 50	7 39	2 12
F 4	15 18	7 57	1 49	11 48	1 25	5 30	1 35	19 26	1 14	6 12	1 17	12 34	2 12	23 24	0 8	10 26	0 19	17 19	3 42	1 51	2 33	10 47	7 38	2 12
S 5	15 36	13 29	2 49	12 27	1 19	5 57	1 35	19 21	1 15	6 12	1 17	12 36	2 12	23 24	0 8	10 26	0 19	17 19	3 42	1 53	2 34	10 43	7 37	2 12
S 6	15 54	18 35	3 41	13 5	1 14	6 25	1 36	19 16	1 17	6 13	1 17	12 39	2 12	23 24	0 8	10 26	0 19	17 19	3 42	1 55	2 36	10 40	7 36	2 12
M 7	16 11	22 55	4 23	13 43	1 8	6 52	1 36	19 11	1 19	6 13	1 16	12 41	2 12	23 24	0 8	10 26	0 19	17 19	3 42	1 58	2 37	10 37	7 35	2 12
T 8	16 29	26 11	4 52	14 21	1 1	7 19	1 36	19 6	1 21	6 13	1 16	12 43	2 12	23 24	0 8	10 26	0 19	17 19	3 42	2 2	2 38	10 34	7 34	2 11
W 9	16 46	28 3	5 5	14 57	0 55	7 46	1 36	19 1	1 23	6 13	1 16	12 45	2 12	23 24	0 8	10 26	0 19	17 19	3 42	2 6	2 39	10 30	7 33	2 11
T 10	17 2	28 15	5 2	15 33	0 49	8 13	1 36	18 57	1 25	6 13	1 16	12 48	2 12	23 24	0 8	10 26	0 19	17 20	3 42	2 9	2 41	10 27	7 32	2 11
F 11	17 19	26 43	4 41	16 8	0 42	8 40	1 36	18 52	1 27	6 13	1 16	12 50	2 12	23 24	0 8	10 26	0 19	17 20	3 42	2 11	2 42	10 24	7 31	2 11
S 12	17 35	23 33	4 3	16 42	0 35	9 7	1 36	18 48	1 29	6 13	1 15	12 52	2 12	23 24	0 8	10 26	0 19	17 20	3 42	2 12	2 43	10 21	7 30	2 11
S 13	17 51	19 0	3 11	17 16	0 29	9 33	1 35	18 43	1 31	6 13	1 15	12 54	2 12	23 24	0 8	10 26	0 19	17 20	3 42	2 13	2 44	10 18	7 29	2 11
M14	18 6	13 22	2 7	17 48	0 22	10 0	1 35	18 39	1 33	6 12	1 15	12 56	2 13	23 24	0 8	10 26	0 19	17 20	3 42	2 13	2 46	10 14	7 28	2 11
T 15	18 22	7 1	0 54	18 19	0 15	10 26	1 35	18 35	1 35	6 12	1 15	12 59	2 13	23 24	0 8	10 26	0 19	17 20	3 42	2 13	2 47	10 11	7 27	2 10
W16	18 36	0 18	0s21	18 50	0 8	10 52	1 34	18 30	1 37	6 12	1 15	13 1	2 13	23 24	0 8	10 26	0 19	17 20	3 42	2 13	2 48	10 8	7 26	2 10
T 17	18 51	6s27	1 36	19 19	0 1	11 17	1 34	18 26	1 39	6 11	1 15	13 3	2 13	23 24	0 8	10 26	0 19	17 20	3 42	2 13	2 49	10 5	7 25	2 10
F 18	19 5	12 51	2 44	19 48	0s 6	11 43	1 33	18 22	1 41	6 11	1 14	13 5	2 13	23 25	0 8	10 26	0 19	17 20	3 42	2 15	2 51	10 1	7 24	2 10
S 19	19 19	18 32	3 42	20 15	0 12	12 8	1 33	18 18	1 43	6 10	1 14	13 7	2 13	23 25	0 8	10 26	0 19	17 20	3 42	2 17	2 52	9 58	7 24	2 10
S 20	19 33	23 10	4 25	20 41	0 19	12 32	1 32	18 15	1 46	6 9	1 14	13 9	2 13	23 25	0 8	10 26	0 19	17 20	3 42	2 21	2 53	9 55	7 23	2 10
M21	19 46	26 25	4 52	21 7	0 26	12 57	1 31	18 11	1 48	6 8	1 14	13 11	2 13	23 25	0 8	10 26	0 19	17 20	3 42	2 25	2 54	9 51	7 22	2 9
T 22	19 59	28 5	5 3	21 31	0 32	13 21	1 30	18 8	1 50	6 7	1 14	13 14	2 13	23 25	0 8	10 26	0 19	17 20	3 42	2 30	2 56	9 48	7 21	2 9
W23	20 11	28 8	4 57	21 54	0 39	13 45	1 29	18 4	1 52	6 6	1 13	13 16	2 13	23 25	0 8	10 26	0 19	17 20	3 42	2 34	2 57	9 45	7 20	2 9
T 24	20 24	26 41	4 36	22 16	0 46	14 9	1 28	18 1	1 54	6 5	1 13	13 18	2 13	23 25	0 8	10 26	0 19	17 20	3 42	2 38	2 58	9 42	7 20	2 9
F 25	20 35	23 57	4 3	22 37	0 52	14 32	1 27	17 58	1 57	6 4	1 13	13 20	2 13	23 25	0 8	10 26	0 19	17 21	3 42	2 41	2 59	9 38	7 19	2 9
S 26	20 47	20 12	3 19	22 57	0 58	14 55	1 26	17 55	1 59	6 3	1 13	13 22	2 13	23 25	0 8	10 25	0 19	17 21	3 42	2 42	3 1	9 35	7 18	2 9
S 27	20 58	15 41	2 27	23 15	1 4	15 17	1 25	17 52	2 1	6 2	1 13	13 24	2 13	23 25	0 8	10 25	0 19	17 21	3 42	2 43	3 2	9 32	7 17	2 8
M28	21 9	10 38	1 30	23 32	1 10	15 39	1 24	17 50	2 4	6 0	1 12	13 26	2 13	23 25	0 8	10 25	0 19	17 21	3 42	2 44	3 3	9 29	7 17	2 8
T 29	21 19	5 13	0 28	23 49	1 16	16 1	1 22	17 47	2 6	5 59	1 12	13 28	2 13	23 25	0 8	10 25	0 19	17 21	3 42	2 43	3 4	9 25	7 16	2 8
W30	21s29	0n25	0n35	24s 4	1s22	16s22	1n21	17n45	2n 9	5s57	1s12	13s30	2n13	23s25	0s 8	10s25	0s19	17n21	3s42	2s43	3s 6	9s22	7n15	2n 8

Julian Day Number = 2875530.5, Delta T = 01h13m41s
Ecliptic obliquity = 23°17'30, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°59'47, Lahiri = 40°06'48

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ASTRODIENST EPHEMERIS for the year 3160
geocentric

DECEMBER 3160 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 41 14	8♐49'14	11♈44	18♐56	21♏25	17♌ 1	17♓44	13♏ 2	29♐ 7	3♓37	25°R 0	23°R 4	22♓ 6	8♓49	13°R27	T 1
F 2	4 45 10	9°49'32	24° 1	20°27	22°40	17°15	17°48	13° 9	29°10	3°38	24♋59	23♓ 0	22° 3	8°56	13♈26	F 2
S 3	4 49 7	10°49'50	6♉35	21°59	23°55	17°28	17°52	13°16	29°14	3°39	24°58	22°54	22° 0	9° 3	13°25	S 3
S 4	4 53 4	11°50'10	19°30	23°30	25°10	17°41	17°56	13°22	29°17	3°39	24°57	22°45	21°57	9° 9	13°24	S 4
M 5	4 57 0	12°50'32	2♊46	25° 1	26°25	17°53	18° 0	13°29	29°21	3°40	24°56	22°33	21°54	9°16	13°23	M 5
T 6	5 0 57	13°50'55	16°21	26°32	27°40	18° 4	18° 5	13°36	29°24	3°41	24°55	22°21	21°51	9°23	13°22	T 6
W 7	5 4 53	14°51'20	0♋12	28° 2	28°55	18°15	18°10	13°42	29°28	3°41	24°55	22° 8	21°47	9°29	13°21	W 7
T 8	5 8 50	15°51'46	14°16	29°32	0♐10	18°25	18°15	13°49	29°32	3°42	24°54	21°57	21°44	9°36	13°20	T 8
F 9	5 12 46	16°52'14	28°27	1♑ 2	1°25	18°34	18°20	13°56	29°35	3°43	24°53	21°48	21°41	9°43	13°19	F 9
S 10	5 16 43	17°52'44	12♌40	2°31	2°41	18°43	18°25	14° 2	29°39	3°44	24°52	21°42	21°38	9°49	13°18	S 10
S 11	5 20 40	18°53'15	26°53	4° 0	3°56	18°51	18°31	14° 9	29°43	3°45	24°51	21°38	21°35	9°56	13°18	S 11
M12	5 24 36	19°53'48	11♍ 2	5°28	5°11	18°58	18°36	14°15	29°46	3°46	24°50	21°37	21°31	10° 2	13°17	M12
T 13	5 28 33	20°54'23	25° 6	6°56	6°26	19° 5	18°42	14°22	29°50	3°47	24°49	21°37	21°28	10° 9	13°16	T 13
W14	5 32 29	21°54'59	9♎ 6	8°24	7°41	19°10	18°48	14°28	29°53	3°47	24°48	21°37	21°25	10°16	13°16	W14
T 15	5 36 26	22°55'37	22°59	9°51	8°57	19°15	18°55	14°34	29°57	3°48	24°47	21°35	21°22	10°22	13°15	T 15
F 16	5 40 22	23°56'16	6♏47	11°17	10°12	19°20	19° 1	14°40	0♑ 1	3°50	24°46	21°30	21°19	10°29	13°15	F 16
S 17	5 44 19	24°56'58	20°27	12°43	11°27	19°23	19° 8	14°47	0° 4	3°51	24°45	21°22	21°16	10°36	13°14	S 17
S 18	5 48 15	25°57'40	3♐58	14° 8	12°42	19°26	19°14	14°53	0° 8	3°52	24°44	21°11	21°12	10°42	13°14	S 18
M19	5 52 12	26°58'24	17°16	15°32	13°58	19°28	19°21	14°59	0°12	3°53	24°43	20°58	21° 9	10°49	13°13	M19
T 20	5 56 9	27°59'10	0♑22	16°55	15°13	19°29	19°28	15° 5	0°16	3°54	24°42	20°44	21° 6	10°56	13°13	T 20
W21	6 0 5	28°59'56	13°11	18°16	16°28	19°R29	19°35	15°11	0°19	3°55	24°41	20°31	21° 3	11° 2	13°13	W21
T 22	6 4 2	0♑ 0'44	25°45	19°36	17°44	19°29	19°43	15°17	0°23	3°56	24°40	20°19	21° 0	11° 9	13°13	T 22
F 23	6 7 58	1° 1'32	8♒ 3	20°54	18°59	19°28	19°50	15°23	0°27	3°58	24°39	20°10	20°57	11°16	13°13	F 23
S 24	6 11 55	2° 2'21	20° 8	22°11	20°14	19°25	19°58	15°29	0°30	3°59	24°37	20° 3	20°53	11°22	13°D13	S 24
S 25	6 15 51	3° 3'12	2♓ 2	23°25	21°30	19°22	20° 6	15°34	0°34	4° 0	24°36	20° 0	20°50	11°29	13°13	S 25
M26	6 19 48	4° 4'03	13°50	24°36	22°45	19°19	20°14	15°40	0°38	4° 2	24°35	19°58	20°47	11°36	13°13	M26
T 27	6 23 44	5° 4'54	25°37	25°45	24° 1	19°14	20°22	15°46	0°41	4° 3	24°34	19°D58	20°44	11°42	13°13	T 27
W28	6 27 41	6° 5'47	7♈28	26°49	25°16	19° 8	20°30	15°51	0°45	4° 4	24°33	19°R58	20°41	11°49	13°13	W28
T 29	6 31 38	7° 6'40	19°29	27°50	26°31	19° 2	20°39	15°57	0°49	4° 6	24°32	19°58	20°37	11°55	13°13	T 29
F 30	6 35 34	8° 7'33	1♉45	28°46	27°47	18°55	20°47	16° 2	0°52	4° 7	24°31	19°55	20°34	12° 2	13°14	F 30
S 31	6 39 31	9♑ 8'28	14♉22	29♑37	29♐ 2	18♌47	20♓56	16♏ 8	0♑56	4♓ 9	24♋29	19♓50	20♓31	12♓ 9	13♈14	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s38	6n 6	1n37	24s17	1s28	16s43	1n20	17n43	2n11	5s56	1s12	13s32	2n14	23s25	0s 8	10s25	0s19	17n21	3s42	2s44	3s 7	9s19	7n15	2n 8
F 2	21 47	11 41	2 36	24 30	1 33	17 4	1 18	17 41	2 13	5 54	1 12	13 34	2 14	23 25	0 8	10 24	0 19	17 21	3 42	2 46	3 8	9 15	7 14	2 8
S 3	21 56	16 55	3 29	24 41	1 38	17 24	1 17	17 40	2 16	5 52	1 12	13 36	2 14	23 25	0 8	10 24	0 19	17 22	3 42	2 48	3 9	9 12	7 13	2 7
S 4	22 4	21 32	4 12	24 51	1 43	17 43	1 15	17 38	2 18	5 50	1 11	13 38	2 14	23 25	0 8	10 24	0 19	17 22	3 42	2 52	3 10	9 9	7 13	2 7
M 5	22 12	25 12	4 43	25 0	1 48	18 2	1 14	17 37	2 21	5 48	1 11	13 39	2 14	23 25	0 8	10 24	0 19	17 22	3 42	2 56	3 12	9 6	7 12	2 7
T 6	22 19	27 33	4 59	25 7	1 53	18 21	1 12	17 36	2 23	5 46	1 11	13 41	2 14	23 25	0 8	10 23	0 19	17 22	3 42	3 1	3 13	9 2	7 12	2 7
W 7	22 26	28 15	4 57	25 14	1 57	18 39	1 10	17 35	2 26	5 44	1 11	13 43	2 14	23 25	0 8	10 23	0 19	17 22	3 42	3 6	3 14	8 59	7 11	2 7
T 8	22 33	27 9	4 38	25 19	2 1	18 57	1 8	17 34	2 29	5 42	1 11	13 45	2 14	23 25	0 8	10 23	0 19	17 22	3 42	3 11	3 15	8 56	7 11	2 7
F 9	22 39	24 17	4 2	25 22	2 5	19 14	1 7	17 34	2 31	5 40	1 10	13 47	2 14	23 25	0 8	10 23	0 19	17 22	3 42	3 14	3 17	8 52	7 10	2 6
S 10	22 45	19 57	3 10	25 25	2 9	19 30	1 5	17 34	2 34	5 38	1 10	13 49	2 14	23 25	0 8	10 22	0 19	17 23	3 42	3 16	3 18	8 49	7 10	2 6
S 11	22 50	14 28	2 7	25 26	2 12	19 46	1 3	17 34	2 36	5 36	1 10	13 50	2 15	23 25	0 8	10 22	0 19	17 23	3 42	3 18	3 19	8 46	7 9	2 6
M12	22 55	8 15	0 56	25 25	2 15	20 2	1 1	17 34	2 39	5 33	1 10	13 52	2 15	23 25	0 8	10 22	0 19	17 23	3 42	3 18	3 20	8 43	7 9	2 6
T 13	22 59	1 39	0s18	25 24	2 17	20 17	0 59	17 34	2 42	5 31	1 10	13 54	2 15	23 25	0 8	10 21	0 19	17 23	3 42	3 18	3 22	8 39	7 8	2 6
W14	23 3	4s59	1 31	25 21	2 20	20 31	0 57	17 35	2 44	5 28	1 9	13 56	2 15	23 25	0 8	10 21	0 19	17 23	3 42	3 18	3 23	8 36	7 8	2 6
T 15	23 6	11 19	2 38	25 17	2 21	20 45	0 55	17 36	2 47	5 26	1 9	13 57	2 15	23 25	0 8	10 21	0 19	17 23	3 42	3 19	3 24	8 33	7 8	2 5
F 16	23 9	17 4	3 34	25 11	2 23	20 58	0 53	17 37	2 50	5 23	1 9	13 59	2 15	23 25	0 8	10 20	0 19	17 24	3 42	3 21	3 25	8 29	7 7	2 5
S 17	23 12	21 54	4 18	25 5	2 24	21 11	0 51	17 39	2 53	5 20	1 9	14 1	2 15	23 25	0 8	10 20	0 19	17 24	3 42	3 24	3 27	8 26	7 7	2 5
S 18	23 14	25 30	4 47	24 56	2 24	21 23	0 49	17 41	2 55	5 17	1 9	14 2	2 15	23 25	0 8	10 19	0 19	17 24	3 42	3 28	3 28	8 23	7 7	2 5
M19	23 15	27 39	4 59	24 47	2 25	21 34	0 46	17 43	2 58	5 15	1 9	14 4	2 16	23 25	0 8	10 19	0 19	17 24	3 42	3 34	3 29	8 19	7 6	2 5
T 20	23 17	28 13	4 56	24 37	2 24	21 45	0 44	17 45	3 1	5 12	1 8	14 6	2 16	23 25	0 8	10 19	0 19	17 24	3 42	3 39	3 30	8 16	7 6	2 4
W21	23 17	27 14	4 37	24 25	2 23	21 55	0 42	17 47	3 4	5 9	1 8	14 7	2 16	23 25	0 8	10 18	0 19	17 25	3 42	3 44	3 32	8 13	7 6	2 4
T 22	23 17	24 53	4 5	24 12	2 21	22 4	0 40	17 50	3 7	5 6	1 8	14 9	2 16	23 25	0 8	10 18	0 19	17 25	3 42	3 49	3 33	8 9	7 6	2 4
F 23	23 17	21 24	3 23	23 58	2 19	22 13	0 37	17 53	3 9	5 3	1 8	14 10	2 16	23 25	0 8	10 17	0 19	17 25	3 42	3 52	3 34	8 6	7 5	2 4
S 24	23 17	17 5	2 31	23 43	2 16	22 21	0 35	17 57	3 12	4 59	1 8	14 12	2 16	23 25	0 8	10 17	0 19	17 25	3 42	3 55	3 35	8 3	7 5	2 4
S 25	23 15	12 9	1 34	23 27	2 12	22 29	0 33	18 0	3 15	4 56	1 8	14 13	2 16	23 25	0 8	10 16	0 19	17 25	3 42	3 56	3 37	7 59	7 5	2 4
M26	23 14	6 49	0 33	23 10	2 8	22 35	0 30	18 4	3 18	4 53	1 7	14 15	2 17	23 25	0 8	10 16	0 19	17 26	3 42	3 57	3 38	7 56	7 5	2 3
T 27	23 12	1 16	0n30	22 52	2 3	22 41	0 28	18 8	3 21	4 50	1 7	14 16	2 17	23 25	0 8	10 15	0 19	17 26	3 42	3 57	3 39	7 53	7 5	2 3
W28	23 9	4n21	1 32	22 34	1 56	22 47	0 26	18 13	3 23	4 46	1 7	14 18	2 17	23 25	0 8	10 15	0 19	17 26	3 42	3 57	3 40	7 49	7 5	2 3
T 29	23 6	9 54	2 30	22 15	1 49	22 52	0 23	18 17	3 26	4 43	1 7	14 19	2 17	23 25	0 8	10 14	0 19	17 26	3 42	3 57	3 42	7 46	7 5	2 3
F 30	23 3	15 11	3 23	21 55	1 41	22 56	0 21	18 22	3 29	4 39	1 7	14 21	2 17	23 25	0 8	10 14	0 19	17 27	3 42	3 58	3 43	7 43	7 4	2 3
S 31	22s59	19n59	4n 7	21s36	1s31	22s59	0n18	18n27	3n32	4s36	1s 7	14s22	2n17	23s25	0s 8	10s13	0s19	17n27	3s42	4s 0	3s44	7s39	7n 4	2n 2

Julian Day Number = 2875560.5, Delta T = 01h13m42s
Ecliptic obliquity = 23°17'29, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°59'52, Lahiri = 40°06'52

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3161
geocentric

JANUARY 3161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 43 27	10♑ 9'23	27♉22	0♒21	0♑17	18°R38	21♓ 5	16♏13	1♑ 0	4♓10	24°R28	19°R43	20♓28	12♓15	13♈14	S 1
M 2	6 47 24	11°10'18	10♊47	0°59	1°33	18♌28	21°14	16°18	1° 3	4°12	24♋27	19♓33	20°25	12°22	13°15	M 2
T 3	6 51 20	12°11'15	24°38	1°29	2°48	18°17	21°23	16°23	1° 7	4°13	24°26	19°22	20°22	12°29	13°15	T 3
W 4	6 55 17	13°12'12	8♋50	1°50	4° 4	18° 6	21°32	16°29	1°11	4°15	24°25	19°11	20°18	12°35	13°16	W 4
T 5	6 59 13	14°13'09	23°19	2° 2	5°19	17°54	21°42	16°34	1°14	4°16	24°23	19° 0	20°15	12°42	13°16	T 5
F 6	7 3 10	15°14'08	7♌57	2°R 4	6°35	17°41	21°51	16°39	1°18	4°18	24°22	18°52	20°12	12°49	13°17	F 6
S 7	7 7 7	16°15'07	22°38	1°54	7°50	17°27	22° 1	16°43	1°22	4°20	24°21	18°47	20° 9	12°55	13°18	S 7
S 8	7 11 3	17°16'06	7♍14	1°33	9° 5	17°12	22°11	16°48	1°25	4°21	24°20	18°44	20° 6	13° 2	13°19	S 8
M 9	7 15 0	18°17'07	21°40	1° 0	10°21	16°57	22°20	16°53	1°29	4°23	24°19	18°D44	20° 3	13° 9	13°19	M 9
T 10	7 18 56	19°18'08	5♎54	0°16	11°36	16°41	22°30	16°58	1°32	4°25	24°17	18°45	19°59	13°15	13°20	T 10
W11	7 22 53	20°19'10	19°55	29♑20	12°52	16°24	22°41	17° 2	1°36	4°26	24°16	18°R45	19°56	13°22	13°21	W11
T 12	7 26 49	21°20'13	3♏41	28°15	14° 7	16° 6	22°51	17° 7	1°39	4°28	24°15	18°44	19°53	13°29	13°22	T 12
F 13	7 30 46	22°21'17	17°13	27° 2	15°23	15°48	23° 1	17°11	1°43	4°30	24°14	18°41	19°50	13°35	13°23	F 13
S 14	7 34 43	23°22'21	0♐33	25°44	16°38	15°29	23°12	17°15	1°46	4°32	24°13	18°36	19°47	13°42	13°24	S 14
S 15	7 38 39	24°23'26	13°41	24°22	17°54	15°10	23°22	17°20	1°50	4°34	24°11	18°28	19°43	13°48	13°26	S 15
M16	7 42 36	25°24'32	26°36	23° 0	19° 9	14°49	23°33	17°24	1°53	4°36	24°10	18°19	19°40	13°55	13°27	M16
T 17	7 46 32	26°25'38	9♑20	21°40	20°25	14°29	23°44	17°28	1°57	4°37	24° 9	18° 9	19°37	14° 2	13°28	T 17
W18	7 50 29	27°26'44	21°51	20°25	21°40	14° 8	23°55	17°32	2° 0	4°39	24° 8	17°59	19°34	14° 8	13°29	W18
T 19	7 54 25	28°27'51	4♒10	19°17	22°56	13°46	24° 6	17°36	2° 4	4°41	24° 6	17°50	19°31	14°15	13°31	T 19
F 20	7 58 22	29°28'57	16°19	18°17	24°11	13°24	24°17	17°40	2° 7	4°43	24° 5	17°43	19°28	14°22	13°32	F 20
S 21	8 2 18	0♒30'04	28°17	17°27	25°27	13° 1	24°28	17°43	2°10	4°45	24° 4	17°39	19°24	14°28	13°34	S 21
S 22	8 6 15	1°31'10	10♓ 9	16°47	26°42	12°38	24°40	17°47	2°14	4°47	24° 3	17°37	19°21	14°35	13°35	S 22
M23	8 10 12	2°32'17	21°55	16°17	27°58	12°15	24°51	17°51	2°17	4°49	24° 2	17°D36	19°18	14°42	13°37	M23
T 24	8 14 8	3°33'23	3♈41	15°57	29°13	11°52	25° 3	17°54	2°20	4°51	24° 0	17°38	19°15	14°48	13°38	T 24
W25	8 18 5	4°34'29	15°31	15°47	0♒29	11°28	25°14	17°57	2°24	4°53	23°59	17°39	19°12	14°55	13°40	W25
T 26	8 22 1	5°35'34	27°30	15°D47	1°44	11° 4	25°26	18° 1	2°27	4°55	23°58	17°40	19° 9	15° 2	13°42	T 26
F 27	8 25 58	6°36'40	9♉43	15°54	3° 0	10°40	25°38	18° 4	2°30	4°57	23°57	17°R41	19° 5	15° 8	13°43	F 27
S 28	8 29 54	7°37'45	22°16	16°10	4°15	10°16	25°50	18° 7	2°33	4°59	23°56	17°40	19° 2	15°15	13°45	S 28
S 29	8 33 51	8°38'49	5♊12	16°33	5°31	9°52	26° 2	18°10	2°37	5° 1	23°54	17°37	18°59	15°21	13°47	S 29
M30	8 37 47	9°39'53	18°35	17° 3	6°46	9°29	26°14	18°13	2°40	5° 3	23°53	17°32	18°56	15°28	13°49	M30
T 31	8 41 44	10♒40'57	2♋27	17♑38	8♒ 1	9♌ 5	26♓26	18♏16	2♑43	5♓ 6	23♋52	17♓26	18♓53	15♓35	13♈51	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s54	24n 0	4n40	21s16	1s21	23s 2	0n16	18n33	3n34	4s32	1s 7	14s23	2n18	23s25	0s 8	10s13	0s19	17n27	3s42	4s 3	3s45	7s36	7n 4	2n 2
M 2	22 49	26 52	4 59	20 57	1 9	23 3	0 13	18 38	3 37	4 28	1 6	14 25	2 18	23 25	0 8	10 12	0 19	17 27	3 42	4 7	3 47	7 33	7 4	2 2
T 3	22 44	28 12	5 1	20 37	0 56	23 5	0 11	18 44	3 40	4 25	1 6	14 26	2 18	23 25	0 8	10 12	0 19	17 28	3 42	4 11	3 48	7 29	7 4	2 2
W 4	22 38	27 45	4 45	20 19	0 42	23 5	0 9	18 50	3 43	4 21	1 6	14 27	2 18	23 25	0 8	10 11	0 19	17 28	3 42	4 16	3 49	7 26	7 4	2 2
T 5	22 32	25 25	4 11	20 1	0 27	23 5	0 6	18 57	3 45	4 17	1 6	14 28	2 18	23 25	0 8	10 11	0 19	17 28	3 42	4 19	3 50	7 23	7 5	2 1
F 6	22 26	21 23	3 19	19 45	0 11	23 4	0 4	19 3	3 48	4 13	1 6	14 30	2 19	23 25	0 8	10 10	0 19	17 28	3 42	4 23	3 52	7 19	7 5	2 1
S 7	22 19	16 1	2 15	19 30	0n 7	23 2	0 1	19 10	3 50	4 9	1 6	14 31	2 19	23 25	0 8	10 9	0 19	17 28	3 42	4 25	3 53	7 16	7 5	2 1
S 8	22 11	9 45	1 1	19 17	0 26	23 0	0s 1	19 17	3 53	4 5	1 5	14 32	2 19	23 25	0 8	10 9	0 19	17 29	3 42	4 26	3 54	7 13	7 5	2 1
M 9	22 3	3 3	0s16	19 5	0 45	22 57	0 4	19 24	3 55	4 1	1 5	14 33	2 19	23 25	0 8	10 8	0 19	17 29	3 42	4 26	3 55	7 9	7 5	2 1
T 10	21 55	3s43	1 31	18 55	1 4	22 53	0 6	19 31	3 58	3 57	1 5	14 34	2 19	23 25	0 8	10 7	0 19	17 29	3 42	4 26	3 56	7 6	7 5	2 1
W11	21 46	10 11	2 39	18 48	1 24	22 49	0 8	19 38	4 0	3 53	1 5	14 35	2 19	23 25	0 8	10 7	0 19	17 30	3 42	4 25	3 58	7 3	7 5	2 0
T 12	21 37	16 4	3 37	18 42	1 43	22 44	0 11	19 46	4 2	3 49	1 5	14 36	2 20	23 25	0 8	10 6	0 19	17 30	3 41	4 26	3 59	6 59	7 6	2 0
F 13	21 27	21 3	4 21	18 38	2 1	22 38	0 13	19 53	4 5	3 45	1 5	14 37	2 20	23 25	0 8	10 6	0 19	17 30	3 41	4 27	4 0	6 56	7 6	2 0
S 14	21 17	24 53	4 51	18 36	2 18	22 31	0 16	20 1	4 7	3 41	1 5	14 38	2 20	23 25	0 8	10 5	0 19	17 30	3 41	4 29	4 1	6 53	7 6	2 0
S 15	21 6	27 20	5 5	18 36	2 33	22 24	0 18	20 9	4 9	3 36	1 5	14 39	2 20	23 25	0 8	10 4	0 19	17 31	3 41	4 32	4 3	6 49	7 6	2 0
M16	20 56	28 17	5 3	18 37	2 46	22 16	0 20	20 17	4 11	3 32	1 4	14 40	2 21	23 25	0 8	10 4	0 19	17 31	3 41	4 36	4 4	6 46	7 7	2 0
T 17	20 44	27 43	4 45	18 39	2 57	22 8	0 23	20 25	4 13	3 28	1 4	14 41	2 21	23 25	0 8	10 3	0 19	17 31	3 41	4 39	4 5	6 43	7 7	1 59
W18	20 33	25 43	4 15	18 42	3 5	21 58	0 25	20 33	4 14	3 23	1 4	14 42	2 21	23 25	0 8	10 2	0 19	17 31	3 41	4 43	4 6	6 39	7 7	1 59
T 19	20 20	22 32	3 32	18 47	3 10	21 48	0 27	20 41	4 16	3 19	1 4	14 43	2 21	23 25	0 8	10 2	0 19	17 32	3 41	4 47	4 8	6 36	7 8	1 59
F 20	20 8	18 24	2 41	18 52	3 13	21 38	0 30	20 49	4 18	3 14	1 4	14 44	2 21	23 25	0 8	10 1	0 19	17 32	3 41	4 49	4 9	6 33	7 8	1 59
S 21	19 55	13 36	1 43	18 57	3 14	21 27	0 32	20 57	4 19	3 10	1 4	14 45	2 22	23 25	0 8	10 0	0 19	17 32	3 41	4 51	4 10	6 29	7 9	1 59
S 22	19 42	8 21	0 40	19 4	3 13	21 15	0 34	21 5	4 21	3 5	1 4	14 45	2 22	23 25	0 8	9 59	0 19	17 32	3 41	4 52	4 11	6 26	7 9	1 58
M23	19 28	2 50	0n23	19 10	3 10	21 2	0 36	21 13	4 22	3 0	1 4	14 46	2 22	23 25	0 8	9 59	0 19	17 33	3 41	4 52	4 13	6 22	7 9	1 58
T 24	19 14	2n47	1 26	19 17	3 5	20 49	0 38	21 20	4 23	2 56	1 3	14 47	2 22	23 25	0 8	9 58	0 19	17 33	3 41	4 52	4 14	6 19	7 10	1 58
W25	19 0	8 19	2 26	19 24	2 59	20 35	0 41	21 28	4 24	2 51	1 3	14 48	2 22	23 24	0 8	9 57	0 19	17 33	3 41	4 51	4 15	6 16	7 10	1 58
T 26	18 45	13 38	3 20	19 31	2 52	20 21	0 43	21 36	4 25	2 46	1 3	14 48	2 23	23 24	0 8	9 57	0 19	17 34	3 41	4 51	4 16	6 12	7 11	1 58
F 27	18 30	18 31	4 6	19 38	2 44	20 6	0 45	21 43	4 26	2 42	1 3	14 49	2 23	23 24	0 8	9 56	0 19	17 34	3 41	4 50	4 18	6 9	7 11	1 58
S 28	18 15	22 45	4 41	19 45	2 36	19 50	0 47	21 51	4 27	2 37	1 3	14 50	2 23	23 24	0 8	9 55	0 19	17 34	3 40	4 51	4 19	6 6	7 12	1 57
S 29	17 59	26 1	5 4	19 51	2 26	19 34	0 49	21 58	4 28	2 32	1 3	14 50	2 23	23 24	0 8	9 54	0 19	17 34	3 40	4 52	4 20	6 2	7 13	1 57
M30	17 43	27 58	5 11	19 57	2 17	19 17	0 51	22 5	4 28	2 27	1 3	14 51	2 24	23 24	0 8	9 54	0 19	17 35	3 40	4 54	4 21	5 59	7 13	1 57
T 31	17s27	28n17	5n 1	20s 2	2n 7	19s 0	0s53	22n12	4n29	2s22	1s 3	14s51	2n24	23s24	0s 8	9s53	0s19	17n35	3s40	4s56	4s22	5s56	7n14	1n57

Julian Day Number = 2875591.5, Delta T = 01h13m43s
Ecliptic obliquity = 23°17'29, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 40°59'56, Lahiri = 40°06'56

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ASTRODIENST EPHEMERIS for the year 3161
geocentric

FEBRUARY 3161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 45 41	11♒42'00	16♋45	18♉19	9♒17	8°R41	26♓39	18♏18	2♉46	5♓ 8	23°R51	17°R20	18♓50	15♓41	13♈53	W 1
T 2	8 49 37	12°43'03	1♌26	19° 5	10°32	8♌17	26°51	18°21	2°49	5°10	23♋50	17♓15	18°46	15°48	13°55	T 2
F 3	8 53 34	13°44'05	16°22	19°55	11°48	7°54	27° 3	18°23	2°52	5°12	23°49	17°11	18°43	15°55	13°57	F 3
S 4	8 57 30	14°45'07	1♍26	20°49	13° 3	7°31	27°16	18°26	2°55	5°14	23°47	17° 8	18°40	16° 1	13°59	S 4
S 5	9 1 27	15°46'08	16°27	21°46	14°19	7° 8	27°28	18°28	2°58	5°16	23°46	17°D 7	18°37	16° 8	14° 1	S 5
M 6	9 5 23	16°47'09	1♎18	22°47	15°34	6°46	27°41	18°30	3° 1	5°18	23°45	17° 8	18°34	16°15	14° 3	M 6
T 7	9 9 20	17°48'10	15°52	23°50	16°50	6°24	27°54	18°32	3° 4	5°21	23°44	17° 9	18°30	16°21	14° 6	T 7
W 8	9 13 16	18°49'11	0♏ 7	24°56	18° 5	6° 2	28° 7	18°34	3° 7	5°23	23°43	17°11	18°27	16°28	14° 8	W 8
T 9	9 17 13	19°50'11	14° 0	26° 4	19°21	5°41	28°20	18°36	3° 9	5°25	23°42	17°R12	18°24	16°35	14°10	T 9
F 10	9 21 10	20°51'12	27°31	27°14	20°36	5°21	28°33	18°38	3°12	5°27	23°41	17°12	18°21	16°41	14°13	F 10
S 11	9 25 6	21°52'11	10♐43	28°26	21°51	5° 1	28°46	18°40	3°15	5°29	23°40	17°11	18°18	16°48	14°15	S 11
S 12	9 29 3	22°53'11	23°37	29°40	23° 7	4°41	28°59	18°41	3°18	5°32	23°39	17° 8	18°15	16°55	14°18	S 12
M13	9 32 59	23°54'10	6♉16	0♒56	24°22	4°22	29°12	18°43	3°20	5°34	23°38	17° 5	18°11	17° 1	14°20	M13
T 14	9 36 56	24°55'09	18°42	2°13	25°38	4° 4	29°25	18°44	3°23	5°36	23°37	17° 1	18° 8	17° 8	14°23	T 14
W15	9 40 52	25°56'06	0♒56	3°32	26°53	3°46	29°38	18°46	3°26	5°38	23°36	16°57	18° 5	17°14	14°25	W15
T 16	9 44 49	26°57'04	13° 1	4°51	28° 9	3°29	29°52	18°47	3°28	5°41	23°35	16°54	18° 2	17°21	14°28	T 16
F 17	9 48 45	27°58'00	24°59	6°12	29°24	3°13	0♈ 5	18°48	3°31	5°43	23°34	16°52	17°59	17°28	14°30	F 17
S 18	9 52 42	28°58'55	6♓51	7°34	0♓39	2°58	0°19	18°49	3°33	5°45	23°33	16°50	17°55	17°34	14°33	S 18
S 19	9 56 39	29°59'50	18°39	8°57	1°55	2°43	0°32	18°50	3°36	5°47	23°32	16°D50	17°52	17°41	14°36	S 19
M20	10 0 35	1♓ 0'43	0♈25	10°22	3°10	2°29	0°46	18°50	3°38	5°50	23°31	16°51	17°49	17°48	14°39	M20
T 21	10 4 32	2° 1'36	12°13	11°47	4°25	2°16	0°59	18°51	3°40	5°52	23°30	16°52	17°46	17°54	14°41	T 21
W22	10 8 28	3° 2'27	24° 5	13°13	5°41	2° 3	1°13	18°52	3°43	5°54	23°29	16°53	17°43	18° 1	14°44	W22
T 23	10 12 25	4° 3'17	6♊ 6	14°40	6°56	1°51	1°27	18°52	3°45	5°57	23°28	16°54	17°40	18° 8	14°47	T 23
F 24	10 16 21	5° 4'06	18°18	16° 8	8°12	1°41	1°41	18°52	3°47	5°59	23°27	16°55	17°36	18°14	14°50	F 24
S 25	10 20 18	6° 4'53	0♋47	17°37	9°27	1°31	1°54	18°52	3°50	6° 1	23°26	16°R56	17°33	18°21	14°53	S 25
S 26	10 24 14	7° 5'39	13°37	19° 6	10°42	1°21	2° 8	18°53	3°52	6° 3	23°25	16°56	17°30	18°28	14°56	S 26
M27	10 28 11	8° 6'24	26°52	20°37	11°57	1°13	2°22	18°R53	3°54	6° 6	23°25	16°55	17°27	18°34	14°59	M27
T 28	10 32 8	9♓ 7'07	10♋33	22♒ 8	13♓13	1♌ 5	2♈36	18♏52	3♉56	6♓ 8	23♋24	16♓55	17♓24	18♓41	15♈ 2	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s10	26n44	4n32	20s 7	1n57	18s42	0s55	22n18	4n29	2s17	1s 3	14s52	2n24	23s24	0s 8	9s52	0s19	17n35	3s40	4s58	4s24	5s52	7n14	1n57
T 2	16 53	23 21	3 44	20 10	1 47	18 24	0 56	22 25	4 29	2 12	1 3	14 52	2 24	23 24	0 8	9 51	0 19	17 35	3 40	5 0	4 25	5 49	7 15	1 57
F 3	16 36	18 23	2 40	20 13	1 37	18 5	0 58	22 31	4 29	2 7	1 2	14 53	2 25	23 24	0 8	9 50	0 19	17 36	3 40	5 2	4 26	5 45	7 16	1 56
S 4	16 18	12 14	1 25	20 15	1 27	17 45	1 0	22 37	4 29	2 2	1 2	14 53	2 25	23 24	0 8	9 50	0 19	17 36	3 40	5 3	4 27	5 42	7 16	1 56
S 5	16 1	5 22	0 4	20 17	1 17	17 25	1 2	22 43	4 29	1 57	1 2	14 54	2 25	23 24	0 8	9 49	0 19	17 36	3 40	5 3	4 29	5 39	7 17	1 56
M 6	15 43	1s42	1s17	20 17	1 7	17 5	1 3	22 48	4 29	1 52	1 2	14 54	2 25	23 24	0 8	9 48	0 19	17 37	3 40	5 3	4 30	5 35	7 18	1 56
T 7	15 24	8 32	2 31	20 16	0 57	16 44	1 5	22 54	4 29	1 47	1 2	14 54	2 26	23 24	0 8	9 47	0 19	17 37	3 40	5 3	4 31	5 32	7 18	1 56
W 8	15 5	14 47	3 34	20 14	0 47	16 22	1 6	22 59	4 28	1 42	1 2	14 55	2 26	23 24	0 8	9 47	0 19	17 37	3 40	5 2	4 32	5 28	7 19	1 56
T 9	14 47	20 8	4 23	20 11	0 38	16 0	1 8	23 3	4 28	1 37	1 2	14 55	2 26	23 24	0 8	9 46	0 19	17 37	3 39	5 2	4 34	5 25	7 20	1 56
F 10	14 27	24 17	4 56	20 7	0 28	15 38	1 9	23 8	4 27	1 31	1 2	14 55	2 26	23 24	0 9	9 45	0 19	17 38	3 39	5 2	4 35	5 22	7 21	1 55
S 11	14 8	27 4	5 12	20 2	0 19	15 15	1 11	23 12	4 26	1 26	1 2	14 55	2 27	23 24	0 9	9 44	0 19	17 38	3 39	5 2	4 36	5 18	7 22	1 55
S 12	13 48	28 20	5 12	19 56	0 10	14 52	1 12	23 16	4 25	1 21	1 2	14 55	2 27	23 24	0 9	9 43	0 19	17 38	3 39	5 3	4 37	5 15	7 22	1 55
M13	13 28	28 5	4 57	19 48	0 1	14 28	1 14	23 20	4 25	1 16	1 2	14 56	2 27	23 24	0 9	9 42	0 19	17 38	3 39	5 4	4 39	5 12	7 23	1 55
T 14	13 8	26 25	4 28	19 40	0s 7	14 4	1 15	23 23	4 24	1 10	1 2	14 56	2 27	23 23	0 9	9 42	0 19	17 39	3 39	5 6	4 40	5 8	7 24	1 55
W15	12 48	23 31	3 47	19 30	0 16	13 40	1 16	23 26	4 22	1 5	1 2	14 56	2 27	23 23	0 9	9 41	0 19	17 39	3 39	5 7	4 41	5 5	7 25	1 55
T 16	12 27	19 37	2 56	19 19	0 24	13 15	1 17	23 29	4 21	1 0	1 1	14 56	2 28	23 23	0 9	9 40	0 19	17 39	3 39	5 9	4 42	5 1	7 26	1 55
F 17	12 6	14 58	1 58	19 7	0 31	12 50	1 18	23 32	4 20	0 54	1 1	14 56	2 28	23 23	0 9	9 39	0 19	17 40	3 39	5 9	4 43	4 58	7 27	1 54
S 18	11 45	9 48	0 55	18 54	0 39	12 25	1 19	23 34	4 19	0 49	1 1	14 56	2 28	23 23	0 9	9 38	0 19	17 40	3 39	5 10	4 45	4 55	7 28	1 54
S 19	11 24	4 19	0n10	18 39	0 46	11 59	1 20	23 36	4 17	0 44	1 1	14 56	2 28	23 23	0 9	9 38	0 19	17 40	3 38	5 10	4 46	4 51	7 28	1 54
M20	11 3	1n19	1 15	18 24	0 53	11 33	1 21	23 38	4 16	0 38	1 1	14 56	2 29	23 23	0 9	9 37	0 19	17 40	3 38	5 10	4 47	4 48	7 29	1 54
T 21	10 41	6 54	2 16	18 7	1 0	11 6	1 22	23 40	4 14	0 33	1 1	14 56	2 29	23 23	0 9	9 36	0 19	17 41	3 38	5 9	4 48	4 44	7 30	1 54
W22	10 20	12 16	3 12	17 49	1 7	10 39	1 23	23 41	4 13	0 27	1 1	14 56	2 29	23 23	0 9	9 35	0 19	17 41	3 38	5 9	4 50	4 41	7 31	1 54
T 23	9 58	17 15	4 1	17 30	1 13	10 12	1 23	23 42	4 11	0 22	1 1	14 56	2 29	23 23	0 9	9 34	0 19	17 41	3 38	5 8	4 51	4 38	7 32	1 54
F 24	9 36	21 38	4 39	17 10	1 19	9 45	1 24	23 43	4 10	0 16	1 1	14 56	2 30	23 23	0 9	9 33	0 19	17 41	3 38	5 8	4 52	4 34	7 33	1 53
S 25	9 14	25 10	5 5	16 48	1 25	9 17	1 25	23 44	4 8	0 11	1 1	14 55	2 30	23 23	0 9	9 33	0 19	17 42	3 38	5 8	4 53	4 31	7 34	1 53
S 26	8 51	27 32	5 17	16 26	1 30	8 49	1 25	23 44	4 6	0 5	1 1	14 55	2 30	23 23	0 9	9 32	0 19	17 42	3 38	5 8	4 55	4 27	7 35	1 53
M27	8 29	28 28	5 13	16 2	1 35	8 21	1 26	23 44	4 4	0n 0	1 1	14 55	2 30	23 23	0 9	9 31	0 19	17 42	3 38	5 8	4 56	4 24	7 36	1 53
T 28	8s 6	27n43	4n51	15s37	1s40	7s53	1s26	23n44	4n 3	0n 6	1s 1	14s55	2n31	23s23	0s 9	9s30	0s19	17n42	3s37	5s 8	4s57	4s21	7n37	1n53

Julian Day Number = 2875622.5, Delta T = 01h13m43s
Ecliptic obliquity = 23°17'29, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°00'00, Lahiri = 40°07'01

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ASTRODIENST EPHEMERIS for the year 3161
geocentric

MARCH 3161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 36 4	10♓ 7'49	24♋43	23♒40	14♓28	0°R58	2♈50	18°R52	3♉58	6♓10	23°R23	16°R54	17♓21	18♓47	15♈ 5	W 1
T 2	10 40 1	11° 8'29	9♌18	25°13	15°43	0♌52	3° 4	18♏52	4° 0	6°13	23♋22	16♓53	17°17	18°54	15° 8	T 2
F 3	10 43 57	12° 9'07	24°14	26°47	16°58	0°47	3°18	18°52	4° 2	6°15	23°21	16°52	17°14	19° 1	15°11	F 3
S 4	10 47 54	13° 9'45	9♍24	28°22	18°14	0°43	3°32	18°51	4° 4	6°17	23°21	16°52	17°11	19° 7	15°14	S 4
S 5	10 51 50	14°10'21	24°38	29°58	19°29	0°39	3°46	18°50	4° 5	6°19	23°20	16°D52	17° 8	19°14	15°17	S 5
M 6	10 55 47	15°10'55	9♎47	1♓34	20°44	0°36	4° 1	18°50	4° 7	6°22	23°19	16°52	17° 5	19°21	15°20	M 6
T 7	10 59 43	16°11'28	24°42	3°11	21°59	0°34	4°15	18°49	4° 9	6°24	23°19	16°52	17° 1	19°27	15°23	T 7
W 8	11 3 40	17°12'01	9♏16	4°49	23°14	0°33	4°29	18°48	4°11	6°26	23°18	16°R52	16°58	19°34	15°27	W 8
T 9	11 7 37	18°12'32	23°24	6°28	24°30	0°D32	4°43	18°47	4°12	6°28	23°17	16°52	16°55	19°41	15°30	T 9
F 10	11 11 33	19°13'02	7♐ 5	8° 8	25°45	0°32	4°58	18°46	4°14	6°31	23°17	16°52	16°52	19°47	15°33	F 10
S 11	11 15 30	20°13'30	20°21	9°49	27° 0	0°33	5°12	18°44	4°15	6°33	23°16	16°D52	16°49	19°54	15°36	S 11
S 12	11 19 26	21°13'58	3♑13	11°31	28°15	0°35	5°26	18°43	4°17	6°35	23°15	16°52	16°46	20° 1	15°40	S 12
M13	11 23 23	22°14'24	15°45	13°14	29°30	0°37	5°41	18°42	4°18	6°37	23°15	16°53	16°42	20° 7	15°43	M13
T 14	11 27 19	23°14'49	28° 1	14°58	0♈45	0°40	5°55	18°40	4°20	6°40	23°14	16°53	16°39	20°14	15°46	T 14
W15	11 31 16	24°15'13	10♒ 5	16°42	2° 0	0°44	6° 9	18°38	4°21	6°42	23°14	16°54	16°36	20°20	15°50	W15
T 16	11 35 12	25°15'35	22° 0	18°28	3°15	0°48	6°24	18°37	4°22	6°44	23°13	16°55	16°33	20°27	15°53	T 16
F 17	11 39 9	26°15'56	3♓50	20°15	4°30	0°54	6°38	18°35	4°23	6°46	23°13	16°55	16°30	20°34	15°56	F 17
S 18	11 43 6	27°16'15	15°37	22° 3	5°45	0°59	6°53	18°33	4°25	6°48	23°12	16°R56	16°27	20°40	16° 0	S 18
S 19	11 47 2	28°16'33	27°24	23°51	7° 0	1° 6	7° 7	18°31	4°26	6°50	23°12	16°56	16°23	20°47	16° 3	S 19
M20	11 50 59	29°16'48	9♈13	25°41	8°15	1°13	7°22	18°29	4°27	6°53	23°11	16°55	16°20	20°54	16° 7	M20
T 21	11 54 55	0♈17'03	21° 6	27°32	9°30	1°21	7°36	18°26	4°28	6°55	23°11	16°53	16°17	21° 0	16°10	T 21
W22	11 58 52	1°17'15	3♉ 6	29°24	10°45	1°29	7°51	18°24	4°29	6°57	23°11	16°51	16°14	21° 7	16°13	W22
T 23	12 2 48	2°17'25	15°14	1♈16	12° 0	1°38	8° 5	18°22	4°30	6°59	23°10	16°49	16°11	21°14	16°17	T 23
F 24	12 6 45	3°17'34	27°33	3°10	13°15	1°47	8°20	18°19	4°31	7° 1	23°10	16°46	16° 7	21°20	16°20	F 24
S 25	12 10 41	4°17'41	10♊ 5	5° 4	14°30	1°58	8°34	18°17	4°31	7° 3	23°10	16°44	16° 4	21°27	16°24	S 25
S 26	12 14 38	5°17'45	22°54	7° 0	15°44	2° 8	8°49	18°14	4°32	7° 5	23° 9	16°43	16° 1	21°34	16°27	S 26
M27	12 18 35	6°17'48	6♋ 3	8°56	16°59	2°20	9° 3	18°11	4°33	7° 7	23° 9	16°D42	15°58	21°40	16°31	M27
T 28	12 22 31	7°17'49	19°34	10°53	18°14	2°31	9°18	18° 8	4°34	7° 9	23° 9	16°43	15°55	21°47	16°34	T 28
W29	12 26 28	8°17'47	3♌29	12°50	19°29	2°44	9°33	18° 5	4°34	7°11	23° 9	16°44	15°52	21°53	16°38	W29
T 30	12 30 24	9°17'43	17°48	14°48	20°44	2°57	9°47	18° 2	4°35	7°13	23° 9	16°45	15°48	22° 0	16°41	T 30
F 31	12 34 21	10♈17'37	2♍28	16♈46	21♈58	3♌10	10♈ 2	17♏59	4♉35	7♓15	23♋ 8	16♓47	15♓45	22♓ 7	16♈45	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s43	25n10	4n11	15s11	1s44	7s25	1s26	23n44	4n 1	0n11	1s 1	14s54	2n31	23s23	0s 9	9s29	0s19	17n43	3s37	5s 9	4s58	4s17	7n38	1n53
T 2	7 21	20 56	3 14	14 44	1 48	6 56	1 27	23 43	3 59	0 17	1 1	14 54	2 31	23 23	0 9	9 28	0 19	17 43	3 37	5 9	4 59	4 14	7 39	1 53
F 3	6 58	15 18	2 3	14 16	1 52	6 27	1 27	23 43	3 57	0 23	1 1	14 54	2 31	23 23	0 9	9 28	0 19	17 43	3 37	5 9	5 1	4 10	7 41	1 53
S 4	6 35	8 38	0 41	13 47	1 55	5 58	1 27	23 42	3 55	0 28	1 1	14 53	2 32	23 23	0 9	9 27	0 19	17 43	3 37	5 9	5 2	4 7	7 42	1 52
S 5	6 11	1 27	0s43	13 16	1 59	5 29	1 27	23 41	3 53	0 34	1 1	14 53	2 32	23 23	0 9	9 26	0 19	17 44	3 37	5 9	5 3	4 4	7 43	1 52
M 6	5 48	5s46	2 4	12 45	2 1	4 59	1 27	23 40	3 51	0 39	1 1	14 52	2 32	23 23	0 9	9 25	0 19	17 44	3 37	5 9	5 4	4 0	7 44	1 52
T 7	5 25	12 32	3 15	12 12	2 4	4 30	1 27	23 38	3 49	0 45	1 1	14 52	2 32	23 23	0 9	9 24	0 19	17 44	3 37	5 9	5 6	3 57	7 45	1 52
W 8	5 2	18 28	4 12	11 38	2 6	4 0	1 27	23 36	3 47	0 51	1 1	14 52	2 33	23 22	0 9	9 24	0 19	17 44	3 36	5 9	5 7	3 53	7 46	1 52
T 9	4 38	23 13	4 52	11 3	2 7	3 30	1 27	23 35	3 45	0 56	1 1	14 51	2 33	23 22	0 9	9 23	0 19	17 45	3 36	5 9	5 8	3 50	7 47	1 52
F 10	4 15	26 30	5 13	10 27	2 9	3 0	1 27	23 33	3 43	1 2	1 1	14 51	2 33	23 22	0 9	9 22	0 19	17 45	3 36	5 9	5 9	3 47	7 48	1 52
S 11	3 51	28 13	5 17	9 50	2 9	2 31	1 26	23 31	3 41	1 8	1 1	14 50	2 33	23 22	0 9	9 21	0 19	17 45	3 36	5 9	5 11	3 43	7 49	1 52
S 12	3 27	28 20	5 5	9 12	2 10	2 1	1 26	23 28	3 39	1 13	1 0	14 49	2 34	23 22	0 9	9 20	0 19	17 45	3 36	5 9	5 12	3 40	7 51	1 52
M13	3 4	26 59	4 39	8 33	2 10	1 30	1 26	23 26	3 37	1 19	1 0	14 49	2 34	23 22	0 9	9 20	0 19	17 45	3 36	5 9	5 13	3 36	7 52	1 51
T 14	2 40	24 21	4 0	7 53	2 9	1 0	1 25	23 23	3 35	1 25	1 0	14 48	2 34	23 22	0 9	9 19	0 19	17 46	3 36	5 9	5 14	3 33	7 53	1 51
W15	2 16	20 40	3 11	7 11	2 9	0 30	1 24	23 20	3 33	1 30	1 0	14 47	2 34	23 22	0 9	9 18	0 19	17 46	3 36	5 9	5 15	3 30	7 54	1 51
T 16	1 52	16 12	2 14	6 29	2 7	0n 0	1 24	23 17	3 31	1 36	1 0	14 47	2 34	23 22	0 9	9 17	0 19	17 46	3 35	5 8	5 17	3 26	7 55	1 51
F 17	1 29	11 10	1 12	5 46	2 5	0 30	1 23	23 14	3 29	1 42	1 0	14 46	2 35	23 22	0 9	9 16	0 19	17 46	3 35	5 8	5 18	3 23	7 57	1 51
S 18	1 5	5 45	0 7	5 2	2 3	1 1	1 22	23 11	3 27	1 47	1 0	14 45	2 35	23 22	0 9	9 16	0 19	17 46	3 35	5 8	5 19	3 19	7 58	1 51
S 19	0 41	0 8	0n58	4 16	2 1	1 31	1 22	23 8	3 25	1 53	1 0	14 45	2 35	23 22	0 9	9 15	0 19	17 47	3 35	5 8	5 20	3 16	7 59	1 51
M20	0 17	5n29	2 1	3 30	1 57	2 1	1 21	23 4	3 23	1 59	1 0	14 44	2 35	23 22	0 9	9 14	0 19	17 47	3 35	5 8	5 22	3 13	8 0	1 51
T 21	0n 7	10 57	2 58	2 43	1 54	2 31	1 20	23 1	3 21	2 4	1 0	14 43	2 35	23 22	0 9	9 13	0 19	17 47	3 35	5 9	5 23	3 9	8 1	1 51
W22	0 31	16 3	3 49	1 55	1 49	3 1	1 19	22 57	3 20	2 10	1 0	14 42	2 36	23 22	0 9	9 12	0 19	17 47	3 35	5 10	5 24	3 6	8 3	1 51
T 23	0 54	20 36	4 30	1 6	1 45	3 31	1 18	22 53	3 18	2 16	1 0	14 41	2 36	23 22	0 9	9 12	0 19	17 47	3 34	5 11	5 25	3 2	8 4	1 50
F 24	1 18	24 20	4 59	0 16	1 39	4 1	1 17	22 49	3 16	2 21	1 0	14 40	2 36	23 22	0 9	9 11	0 19	17 48	3 34	5 11	5 26	2 59	8 5	1 50
S 25	1 42	27 0	5 14	0n34	1 34	4 31	1 15	22 45	3 14	2 27	1 0	14 40	2 36	23 22	0 9	9 10	0 19	17 48	3 34	5 12	5 28	2 56	8 6	1 50
S 26	2 6	28 20	5 14	1 25	1 27	5 1	1 14	22 41	3 12	2 33	1 0	14 39	2 36	23 22	0 9	9 9	0 19	17 48	3 34	5 13	5 29	2 52	8 8	1 50
M27	2 29	28 7	4 58	2 17	1 20	5 31	1 13	22 36	3 10	2 39	1 0	14 38	2 37	23 22	0 9	9 9	0 19	17 48	3 34	5 13	5 30	2 49	8 9	1 50
T 28	2 53	26 15	4 26	3 10	1 13	6 0	1 12	22 32	3 8	2 44	1 0	14 37	2 37	23 22	0 9	9 8	0 19	17 48	3 34	5 13	5 31	2 45	8 10	1 50
W29	3 16	22 46	3 37	4 2	1 5	6 30	1 10	22 27	3 6	2 50	1 0	14 36	2 37	23 22	0 9	9 7	0 19	17 49	3 34	5 12	5 33	2 42	8 11	1 50
T 30	3 40	17 50	2 33	4 56	0 56	6 59	1 9	22 22	3 4	2 56	1 0	14 35	2 37	23 22	0 9	9 6	0 19	17 49	3 34	5 12	5 34	2 38	8 13	1 50
F 31	4n 3	11n45	1n18	5n49	0s47	7n28	1s 7	22n17	3n 2	3n 1	1s 0	14s34	2n37	23s22	0s 9	9s 6	0s20	17n49	3s33	5s11	5s35	2s35	8n14	1n50

Julian Day Number = 2875650.5, Delta T = 01h13m44s
Ecliptic obliquity = 23°17'30, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°00'04, Lahiri = 40°07'04

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ASTRODIENST EPHEMERIS for the year 3161
geocentric

APRIL 3161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 38 17	11♈17'29	17♍26	18♈44	23♈13	3♌24	10♈16	17°R56	4♑36	7♓17	23°R 8	16°R47	15♓42	22♓13	16♈48	S 1
S 2	12 42 14	12°17'19	2♎35	20°42	24°28	3°38	10°31	17♏53	4°36	7°19	23♋ 8	16♓46	15°39	22°20	16°52	S 2
M 3	12 46 10	13°17'07	17°45	22°40	25°42	3°53	10°45	17°50	4°36	7°21	23° 8	16°44	15°36	22°27	16°56	M 3
T 4	12 50 7	14°16'53	2♏46	24°37	26°57	4° 8	11° 0	17°46	4°37	7°23	23° 8	16°41	15°32	22°33	16°59	T 4
W 5	12 54 3	15°16'38	17°30	26°33	28°11	4°24	11°15	17°43	4°37	7°25	23° 8	16°37	15°29	22°40	17° 3	W 5
T 6	12 58 0	16°16'21	1♐51	28°27	29°26	4°40	11°29	17°39	4°37	7°27	23°D 8	16°33	15°26	22°47	17° 6	T 6
F 7	13 1 57	17°16'02	15°44	0♑20	0♑40	4°57	11°44	17°36	4°37	7°29	23° 8	16°29	15°23	22°53	17°10	F 7
S 8	13 5 53	18°15'41	29° 8	2°10	1°55	5°14	11°58	17°32	4°37	7°31	23° 8	16°26	15°20	23° 0	17°13	S 8
S 9	13 9 50	19°15'19	12♑ 5	3°58	3° 9	5°31	12°13	17°28	4°R37	7°32	23° 8	16°24	15°17	23° 7	17°17	S 9
M10	13 13 46	20°14'55	24°39	5°43	4°24	5°49	12°27	17°24	4°37	7°34	23° 8	16°D24	15°13	23°13	17°20	M10
T 11	13 17 43	21°14'30	6♒54	7°24	5°38	6° 7	12°42	17°20	4°37	7°36	23° 8	16°25	15°10	23°20	17°24	T 11
W12	13 21 39	22°14'02	18°55	9° 1	6°53	6°26	12°56	17°17	4°37	7°38	23° 8	16°27	15° 7	23°27	17°27	W12
T 13	13 25 36	23°13'33	0♓46	10°34	8° 7	6°45	13°11	17°13	4°37	7°40	23° 9	16°29	15° 4	23°33	17°31	T 13
F 14	13 29 32	24°13'02	12°32	12° 1	9°21	7° 4	13°25	17° 9	4°36	7°41	23° 9	16°R30	15° 1	23°40	17°34	F 14
S 15	13 33 29	25°12'30	24°18	13°24	10°36	7°24	13°40	17° 5	4°36	7°43	23° 9	16°29	14°58	23°46	17°38	S 15
S 16	13 37 26	26°11'55	6♈ 7	14°41	11°50	7°44	13°54	17° 0	4°36	7°45	23° 9	16°27	14°54	23°53	17°42	S 16
M17	13 41 22	27°11'19	18° 1	15°52	13° 4	8° 4	14° 8	16°56	4°35	7°46	23° 9	16°23	14°51	24° 0	17°45	M17
T 18	13 45 19	28°10'40	0♉ 3	16°57	14°18	8°25	14°23	16°52	4°35	7°48	23°10	16°17	14°48	24° 6	17°49	T 18
W19	13 49 15	29°10'00	12°15	17°56	15°33	8°46	14°37	16°48	4°34	7°50	23°10	16°10	14°45	24°13	17°52	W19
T 20	13 53 12	0♉ 9'18	24°36	18°48	16°47	9° 8	14°51	16°43	4°34	7°51	23°10	16° 2	14°42	24°20	17°56	T 20
F 21	13 57 8	1° 8'33	7♊ 9	19°33	18° 1	9°30	15° 6	16°39	4°33	7°53	23°11	15°54	14°38	24°26	17°59	F 21
S 22	14 1 5	2° 7'47	19°54	20°12	19°15	9°52	15°20	16°35	4°32	7°54	23°11	15°46	14°35	24°33	18° 2	S 22
S 23	14 5 1	3° 6'58	2♋52	20°43	20°29	10°14	15°34	16°30	4°32	7°56	23°11	15°40	14°32	24°40	18° 6	S 23
M24	14 8 58	4° 6'07	16° 5	21° 8	21°43	10°37	15°48	16°26	4°31	7°57	23°12	15°37	14°29	24°46	18° 9	M24
T 25	14 12 55	5° 5'14	29°34	21°25	22°57	11° 0	16° 3	16°21	4°30	7°59	23°12	15°D35	14°26	24°53	18°13	T 25
W26	14 16 51	6° 4'19	13♌20	21°36	24°11	11°23	16°17	16°17	4°29	8° 0	23°13	15°35	14°23	25° 0	18°16	W26
T 27	14 20 48	7° 3'21	27°23	21°R39	25°25	11°46	16°31	16°12	4°28	8° 1	23°13	15°36	14°19	25° 6	18°20	T 27
F 28	14 24 44	8° 2'21	11♍45	21°36	26°39	12°10	16°45	16° 8	4°27	8° 3	23°14	15°R37	14°16	25°13	18°23	F 28
S 29	14 28 41	9° 1'19	26°22	21°27	27°53	12°34	16°59	16° 3	4°26	8° 4	23°14	15°37	14°13	25°20	18°26	S 29
S 30	14 32 37	10♉ 0'14	11♎10	21♉12	29♉ 7	12♌59	17♈13	15♏59	4♑25	8♓ 5	23♋15	15♓34	14♓10	25♓26	18♈30	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n26	4n53	0s 4	6n43	0s38	7n57	1s 6	22n12	3n 1	3n 7	1s 1	14s33	2n37	23s22	0s 9	9s 5	0s20	17n49	3s33	5s11	5s36	2s32	8n15	1n50
S 2	4 50	2s20	1 26	7 36	0 28	8 26	1 4	22 7	2 59	3 13	1 1	14 32	2 38	23 22	0 9	9 4	0 20	17 49	3 33	5 11	5 37	2 28	8 17	1 50
M 3	5 13	9 25	2 42	8 30	0 17	8 54	1 2	22 2	2 57	3 18	1 1	14 31	2 38	23 22	0 9	9 4	0 20	17 49	3 33	5 12	5 39	2 25	8 18	1 50
T 4	5 36	15 54	3 46	9 23	0 6	9 23	1 0	21 56	2 55	3 24	1 1	14 30	2 38	23 22	0 9	9 3	0 20	17 49	3 33	5 13	5 40	2 21	8 19	1 49
W 5	5 59	21 20	4 34	10 15	0n 5	9 51	0 59	21 51	2 53	3 29	1 1	14 29	2 38	23 22	0 9	9 2	0 20	17 50	3 33	5 15	5 41	2 18	8 20	1 49
T 6	6 22	25 21	5 3	11 7	0 16	10 19	0 57	21 45	2 52	3 35	1 1	14 27	2 38	23 22	0 9	9 2	0 20	17 50	3 33	5 17	5 42	2 15	8 22	1 49
F 7	6 44	27 43	5 13	11 58	0 28	10 47	0 55	21 40	2 50	3 41	1 1	14 26	2 38	23 22	0 9	9 1	0 20	17 50	3 32	5 18	5 44	2 11	8 23	1 49
S 8	7 7	28 23	5 6	12 47	0 40	11 14	0 53	21 34	2 48	3 46	1 1	14 25	2 39	23 22	0 9	9 0	0 20	17 50	3 32	5 19	5 45	2 8	8 24	1 49
S 9	7 30	27 26	4 43	13 35	0 52	11 41	0 51	21 28	2 47	3 52	1 1	14 24	2 39	23 22	0 9	9 0	0 20	17 50	3 32	5 20	5 46	2 4	8 26	1 49
M10	7 52	25 6	4 6	14 22	1 5	12 8	0 49	21 22	2 45	3 57	1 1	14 23	2 39	23 22	0 10	8 59	0 20	17 50	3 32	5 20	5 47	2 1	8 27	1 49
T 11	8 14	21 39	3 20	15 6	1 17	12 35	0 47	21 16	2 43	4 3	1 1	14 22	2 39	23 22	0 10	8 58	0 20	17 50	3 32	5 20	5 48	1 58	8 28	1 49
W12	8 36	17 22	2 25	15 49	1 28	13 1	0 45	21 9	2 42	4 9	1 1	14 20	2 39	23 22	0 10	8 58	0 20	17 50	3 32	5 19	5 50	1 54	8 29	1 49
T 13	8 58	12 28	1 25	16 29	1 40	13 27	0 43	21 3	2 40	4 14	1 1	14 19	2 39	23 22	0 10	8 57	0 20	17 51	3 32	5 18	5 51	1 51	8 31	1 49
F 14	9 20	7 9	0 22	17 7	1 51	13 53	0 41	20 57	2 38	4 20	1 1	14 18	2 39	23 22	0 10	8 56	0 20	17 51	3 31	5 18	5 52	1 47	8 32	1 49
S 15	9 42	1 36	0n42	17 42	2 2	14 18	0 38	20 50	2 37	4 25	1 1	14 17	2 39	23 22	0 10	8 56	0 20	17 51	3 31	5 18	5 53	1 44	8 33	1 49
S 16	10 3	4n 1	1 45	18 15	2 12	14 43	0 36	20 43	2 35	4 31	1 1	14 16	2 39	23 22	0 10	8 55	0 20	17 51	3 31	5 19	5 55	1 40	8 35	1 49
M17	10 25	9 32	2 43	18 45	2 22	15 8	0 34	20 36	2 33	4 36	1 1	14 14	2 40	23 22	0 10	8 55	0 20	17 51	3 31	5 20	5 56	1 37	8 36	1 49
T 18	10 46	14 46	3 34	19 12	2 31	15 32	0 32	20 29	2 32	4 42	1 1	14 13	2 40	23 22	0 10	8 54	0 20	17 51	3 31	5 23	5 57	1 34	8 37	1 49
W19	11 7	19 29	4 16	19 37	2 39	15 56	0 29	20 22	2 30	4 47	1 1	14 12	2 40	23 22	0 10	8 53	0 20	17 51	3 31	5 26	5 58	1 30	8 38	1 49
T 20	11 27	23 27	4 47	19 58	2 46	16 19	0 27	20 15	2 29	4 53	1 1	14 11	2 40	23 22	0 10	8 53	0 20	17 51	3 31	5 29	5 59	1 27	8 40	1 48
F 21	11 48	26 22	5 5	20 16	2 52	16 42	0 24	20 8	2 27	4 58	1 1	14 9	2 40	23 23	0 10	8 52	0 20	17 51	3 30	5 32	6 1	1 23	8 41	1 48
S 22	12 8	28 1	5 7	20 31	2 57	17 5	0 22	20 1	2 26	5 3	1 1	14 8	2 40	23 23	0 10	8 52	0 20	17 51	3 30	5 35	6 2	1 20	8 42	1 48
S 23	12 29	28 10	4 55	20 43	3 0	17 27	0 20	19 53	2 24	5 9	1 1	14 7	2 40	23 23	0 10	8 51	0 20	17 51	3 30	5 37	6 3	1 17	8 44	1 48
M24	12 49	26 44	4 26	20 52	3 3	17 49	0 17	19 45	2 23	5 14	1 2	14 5	2 40	23 23	0 10	8 51	0 20	17 52	3 30	5 38	6 4	1 13	8 45	1 48
T 25	13 8	23 44	3 42	20 58	3 4	18 10	0 15	19 38	2 21	5 19	1 2	14 4	2 40	23 23	0 10	8 50	0 20	17 52	3 30	5 39	6 6	1 10	8 46	1 48
W26	13 28	19 21	2 45	21 0	3 4	18 31	0 12	19 30	2 20	5 25	1 2	14 3	2 40	23 23	0 10	8 50	0 20	17 52	3 30	5 39	6 7	1 6	8 47	1 48
T 27	13 47	13 49	1 37	21 0	3 2	18 51	0 9	19 22	2 18	5 30	1 2	14 1	2 40	23 23	0 10	8 49	0 20	17 52	3 30	5 39	6 8	1 3	8 49	1 48
F 28	14 6	7 26	0 21	20 56	2 59	19 11	0 7	19 14	2 17	5 35	1 2	14 0	2 40	23 23	0 10	8 49	0 20	17 52	3 30	5 38	6 9	0 59	8 50	1 48
S 29	14 25	0 34	0s57	20 49	2 54	19 30	0 4	19 6	2 16	5 41	1 2	13 59	2 40	23 23	0 10	8 48	0 20	17 52	3 29	5 38	6 10	0 56	8 51	1 48
S 30	14n44	6s26	2s13	20n39	2n48	19n49	0s 2	18n58	2n14	5n46	1s 2	13s58	2n40	23s23	0s10	8s48	0s20	17n52	3s29	5s39	6s12	0s53	8n52	1n48

Julian Day Number = 2875681.5, Delta T = 01h13m44s
Ecliptic obliquity = 23°17'30, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°00'08, Lahiri = 40°07'09

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ASTRODIENST EPHEMERIS for the year 3161
geocentric

MAY 3161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 36 34	10♉59'08	26♎ 3	20°R51	0♊21	13♌23	17♈27	15°R54	4°R24	8♓ 7	23♋15	15°R29	14♓ 7	25♓33	18♈33	M 1
T 2	14 40 30	11°57'59	10♏53	20♉25	1°34	13°48	17°41	15♏50	4♑23	8° 8	23°16	15♓22	14° 4	25°39	18°36	T 2
W 3	14 44 27	12°56'48	25°32	19°54	2°48	14°13	17°55	15°45	4°22	8° 9	23°16	15°14	14° 0	25°46	18°40	W 3
T 4	14 48 24	13°55'36	9♐52	19°20	4° 2	14°38	18° 8	15°40	4°21	8°10	23°17	15° 4	13°57	25°53	18°43	T 4
F 5	14 52 20	14°54'22	23°47	18°42	5°15	15° 4	18°22	15°36	4°19	8°12	23°18	14°55	13°54	25°59	18°46	F 5
S 6	14 56 17	15°53'06	7♑16	18° 2	6°29	15°29	18°36	15°31	4°18	8°13	23°18	14°48	13°51	26° 6	18°49	S 6
S 7	15 0 13	16°51'49	20°18	17°20	7°43	15°55	18°50	15°26	4°17	8°14	23°19	14°42	13°48	26°13	18°53	S 7
M 8	15 4 10	17°50'30	2♒56	16°38	8°56	16°21	19° 3	15°22	4°15	8°15	23°20	14°39	13°44	26°19	18°56	M 8
T 9	15 8 6	18°49'09	15°13	15°55	10°10	16°48	19°17	15°17	4°14	8°16	23°20	14°D38	13°41	26°26	18°59	T 9
W10	15 12 3	19°47'47	27°15	15°13	11°23	17°14	19°31	15°13	4°12	8°17	23°21	14°38	13°38	26°33	19° 2	W10
T 11	15 15 59	20°46'22	9♓ 7	14°33	12°37	17°41	19°44	15° 8	4°11	8°18	23°22	14°R38	13°35	26°39	19° 5	T 11
F 12	15 19 56	21°44'57	20°54	13°55	13°50	18° 8	19°58	15° 4	4° 9	8°19	23°23	14°38	13°32	26°46	19° 8	F 12
S 13	15 23 53	22°43'29	2♈41	13°19	15° 4	18°35	20°11	14°59	4° 8	8°20	23°23	14°37	13°29	26°53	19°12	S 13
S 14	15 27 49	23°42'00	14°33	12°47	16°17	19° 2	20°24	14°54	4° 6	8°21	23°24	14°33	13°25	26°59	19°15	S 14
M15	15 31 46	24°40'30	26°34	12°19	17°30	19°30	20°38	14°50	4° 4	8°22	23°25	14°26	13°22	27° 6	19°18	M15
T 16	15 35 42	25°38'57	8♉46	11°54	18°44	19°58	20°51	14°45	4° 2	8°22	23°26	14°17	13°19	27°13	19°21	T 16
W17	15 39 39	26°37'24	21°11	11°34	19°57	20°26	21° 4	14°41	4° 1	8°23	23°27	14° 6	13°16	27°19	19°24	W17
T 18	15 43 35	27°35'48	3♊50	11°19	21°10	20°54	21°17	14°36	3°59	8°24	23°28	13°53	13°13	27°26	19°27	T 18
F 19	15 47 32	28°34'11	16°42	11° 8	22°23	21°22	21°30	14°32	3°57	8°25	23°29	13°41	13°10	27°32	19°30	F 19
S 20	15 51 28	29°32'31	29°47	11° 2	23°36	21°50	21°43	14°28	3°55	8°26	23°30	13°29	13° 6	27°39	19°32	S 20
S 21	15 55 25	0♊30'50	13♋ 3	11°D 1	24°50	22°19	21°56	14°23	3°53	8°26	23°31	13°20	13° 3	27°46	19°35	S 21
M22	15 59 22	1°29'07	26°31	11° 5	26° 3	22°48	22° 9	14°19	3°51	8°27	23°32	13°13	13° 0	27°52	19°38	M22
T 23	16 3 18	2°27'22	10♌ 9	11°13	27°16	23°17	22°22	14°15	3°49	8°27	23°33	13°10	12°57	27°59	19°41	T 23
W24	16 7 15	3°25'35	23°57	11°27	28°29	23°46	22°35	14°10	3°47	8°28	23°34	13° 8	12°54	28° 6	19°44	W24
T 25	16 11 11	4°23'46	7♍56	11°44	29°42	24°15	22°47	14° 6	3°45	8°29	23°35	13° 8	12°50	28°12	19°46	T 25
F 26	16 15 8	5°21'55	22° 4	12° 6	0♋55	24°44	23° 0	14° 2	3°43	8°29	23°36	13° 8	12°47	28°19	19°49	F 26
S 27	16 19 4	6°20'02	6♎22	12°33	2° 7	25°14	23°12	13°58	3°41	8°30	23°37	13° 6	12°44	28°26	19°52	S 27
S 28	16 23 1	7°18'07	20°47	13° 4	3°20	25°43	23°25	13°54	3°39	8°30	23°38	13° 3	12°41	28°32	19°54	S 28
M29	16 26 57	8°16'11	5♏16	13°38	4°33	26°13	23°37	13°50	3°37	8°30	23°39	12°57	12°38	28°39	19°57	M29
T 30	16 30 54	9°14'13	19°42	14°17	5°46	26°43	23°49	13°46	3°35	8°31	23°40	12°48	12°35	28°46	20° 0	T 30
W31	16 34 51	10♊12'13	4♐ 1	14♉59	6♋59	27♌13	24♈ 2	13♏42	3♑33	8♓31	23♋41	12♓37	12♓31	28♓52	20♈ 2	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n 2	13s 6	3s19	20n26	2n40	20n 7	0n 1	18n49	2n13	5n51	1s 2	13s56	2n40	23s23	0s10	8s47	0s20	17n52	3s29	5s41	6s13	0s49	8n54	1n48
T 2	15 20	18 59	4 12	20 10	2 31	20 24	0 4	18 41	2 11	5 56	1 2	13 55	2 40	23 23	0 10	8 47	0 20	17 52	3 29	5 44	6 14	0 46	8 55	1 48
W 3	15 38	23 40	4 47	19 52	2 21	20 41	0 6	18 32	2 10	6 2	1 2	13 54	2 40	23 23	0 10	8 46	0 20	17 52	3 29	5 47	6 15	0 42	8 56	1 48
T 4	15 55	26 48	5 4	19 31	2 9	20 58	0 9	18 24	2 9	6 7	1 2	13 52	2 40	23 23	0 10	8 46	0 20	17 52	3 29	5 51	6 17	0 39	8 57	1 48
F 5	16 13	28 10	5 1	19 8	1 56	21 14	0 11	18 15	2 7	6 12	1 2	13 51	2 40	23 23	0 10	8 45	0 20	17 52	3 29	5 54	6 18	0 36	8 58	1 48
S 6	16 30	27 47	4 42	18 43	1 41	21 29	0 14	18 6	2 6	6 17	1 2	13 50	2 40	23 23	0 10	8 45	0 20	17 52	3 28	5 57	6 19	0 32	9 0	1 48
S 7	16 46	25 52	4 9	18 17	1 26	21 44	0 17	17 57	2 5	6 22	1 3	13 48	2 40	23 23	0 10	8 45	0 20	17 52	3 28	5 59	6 20	0 29	9 1	1 48
M 8	17 3	22 41	3 24	17 50	1 10	21 58	0 19	17 48	2 3	6 27	1 3	13 47	2 40	23 23	0 10	8 44	0 20	17 52	3 28	6 1	6 21	0 25	9 2	1 48
T 9	17 19	18 34	2 30	17 21	0 54	22 12	0 22	17 39	2 2	6 32	1 3	13 46	2 40	23 23	0 10	8 44	0 20	17 52	3 28	6 1	6 23	0 22	9 3	1 48
W10	17 35	13 47	1 32	16 53	0 37	22 25	0 25	17 30	2 1	6 37	1 3	13 45	2 40	23 24	0 10	8 44	0 20	17 52	3 28	6 1	6 24	0 18	9 4	1 48
T 11	17 50	8 34	0 30	16 25	0 19	22 37	0 27	17 20	2 0	6 42	1 3	13 43	2 40	23 24	0 10	8 43	0 20	17 52	3 28	6 1	6 25	0 15	9 6	1 48
F 12	18 5	3 5	0n33	15 57	0 2	22 49	0 30	17 11	1 58	6 47	1 3	13 42	2 40	23 24	0 10	8 43	0 20	17 52	3 28	6 1	6 26	0 12	9 7	1 48
S 13	18 20	2n31	1 35	15 30	0s15	23 0	0 33	17 1	1 57	6 52	1 3	13 41	2 40	23 24	0 10	8 43	0 20	17 52	3 28	6 1	6 27	0 8	9 8	1 48
S 14	18 35	8 3	2 32	15 4	0 32	23 10	0 35	16 51	1 56	6 57	1 3	13 39	2 40	23 24	0 10	8 42	0 20	17 52	3 27	6 3	6 29	0 5	9 9	1 48
M15	18 49	13 21	3 23	14 40	0 48	23 20	0 38	16 42	1 55	7 2	1 3	13 38	2 40	23 24	0 10	8 42	0 20	17 52	3 27	6 5	6 30	0 1	9 10	1 48
T 16	19 3	18 13	4 6	14 17	1 4	23 29	0 40	16 32	1 53	7 7	1 3	13 37	2 40	23 24	0 10	8 42	0 20	17 52	3 27	6 9	6 31	0n 2	9 11	1 48
W17	19 17	22 25	4 38	13 57	1 20	23 38	0 43	16 22	1 52	7 11	1 4	13 36	2 40	23 24	0 10	8 41	0 20	17 52	3 27	6 13	6 32	0 5	9 12	1 48
T 18	19 30	25 38	4 57	13 38	1 34	23 45	0 46	16 12	1 51	7 16	1 4	13 35	2 40	23 24	0 10	8 41	0 20	17 52	3 27	6 18	6 33	0 9	9 14	1 48
F 19	19 43	27 37	5 1	13 22	1 48	23 52	0 48	16 2	1 50	7 21	1 4	13 33	2 40	23 24	0 10	8 41	0 20	17 52	3 27	6 23	6 35	0 12	9 15	1 48
S 20	19 56	28 7	4 49	13 7	2 1	23 59	0 51	15 51	1 49	7 26	1 4	13 32	2 39	23 24	0 10	8 41	0 20	17 52	3 27	6 27	6 36	0 16	9 16	1 48
S 21	20 8	27 0	4 22	12 56	2 13	24 4	0 53	15 41	1 47	7 30	1 4	13 31	2 39	23 24	0 10	8 40	0 20	17 52	3 27	6 31	6 37	0 19	9 17	1 48
M22	20 20	24 19	3 40	12 46	2 25	24 9	0 55	15 30	1 46	7 35	1 4	13 30	2 39	23 24	0 10	8 40	0 21	17 52	3 26	6 33	6 38	0 23	9 18	1 48
T 23	20 31	20 15	2 45	12 39	2 35	24 14	0 58	15 20	1 45	7 39	1 4	13 29	2 39	23 24	0 10	8 40	0 21	17 52	3 26	6 35	6 40	0 26	9 19	1 48
W24	20 43	15 1	1 40	12 34	2 44	24 17	1 0	15 9	1 44	7 44	1 4	13 28	2 39	23 25	0 10	8 40	0 21	17 52	3 26	6 35	6 41	0 29	9 20	1 48
T 25	20 53	8 58	0 28	12 31	2 53	24 20	1 3	14 59	1 43	7 49	1 5	13 26	2 39	23 25	0 10	8 40	0 21	17 52	3 26	6 35	6 42	0 33	9 21	1 48
F 26	21 4	2 24	0s47	12 31	3 0	24 22	1 5	14 48	1 42	7 53	1 5	13 25	2 39	23 25	0 10	8 39	0 21	17 52	3 26	6 35	6 43	0 36	9 22	1 48
S 27	21 14	4s21	2 0	12 33	3 7	24 24	1 7	14 37	1 41	7 58	1 5	13 24	2 39	23 25	0 10	8 39	0 21	17 52	3 26	6 36	6 44	0 40	9 23	1 48
S 28	21 24	10 56	3 5	12 36	3 12	24 25	1 10	14 26	1 40	8 2	1 5	13 23	2 39	23 25	0 10	8 39	0 21	17 51	3 26	6 37	6 46	0 43	9 24	1 48
M29	21 33	16 57	3 59	12 42	3 17	24 25	1 12	14 15	1 38	8 6	1 5	13 22	2 38	23 25	0 10	8 39	0 21	17 51	3 26	6 40	6 47	0 46	9 25	1 48
T 30	21 42	22 0	4 37	12 49	3 21	24 24	1 14	14 3	1 37	8 11	1 5	13 21	2 38	23 25	0 10	8 39	0 21	17 51	3 26	6 43	6 48	0 50	9 26	1 48
W31	21n50	25s41	4s57	12n59	3s24	24n23	1n16	13n52	1n36	8n15	1s 5	13s20	2n38	23s25	0s10	8s39	0s21	17n51	3s25	6s47	6s49	0n53	9n27	1n48

Julian Day Number = 2875711.5, Delta T = 01h13m45s
Ecliptic obliquity = 23°17'30, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°00'12, Lahiri = 40°07'13

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3161
geocentric

JUNE 3161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 47	11♊10'11	18♐ 6	15♉45	8♋11	27♌43	24♈14	13°R38	3°R30	8♓32	23♋42	12°R25	12♓28	28♓59	20♈ 5	T 1
F 2	16 42 44	12° 8'08	1♑51	16°35	9°24	28°14	24°26	13♏34	3♑28	8°32	23°43	12♓13	12°25	29° 6	20° 7	F 2
S 3	16 46 40	13° 6'04	15°14	17°28	10°36	28°44	24°38	13°31	3°26	8°32	23°45	12° 3	12°22	29°12	20°10	S 3
S 4	16 50 37	14° 3'58	28°14	18°24	11°49	29°15	24°50	13°27	3°24	8°32	23°46	11°55	12°19	29°19	20°12	S 4
M 5	16 54 33	15° 1'52	10♒51	19°23	13° 1	29°45	25° 2	13°24	3°21	8°32	23°47	11°50	12°16	29°26	20°14	M 5
T 6	16 58 30	15°59'43	23°10	20°25	14°14	0♍16	25°13	13°20	3°19	8°33	23°48	11°47	12°12	29°32	20°17	T 6
W 7	17 2 27	16°57'34	5♓13	21°31	15°26	0°47	25°25	13°17	3°17	8°33	23°49	11°46	12° 9	29°39	20°19	W 7
T 8	17 6 23	17°55'23	17° 6	22°39	16°39	1°18	25°36	13°13	3°14	8°33	23°51	11°46	12° 6	29°45	20°21	T 8
F 9	17 10 20	18°53'12	28°55	23°50	17°51	1°49	25°48	13°10	3°12	8°33	23°52	11°46	12° 3	29°52	20°23	F 9
S 10	17 14 16	19°50'59	10♈44	25° 4	19° 3	2°21	25°59	13° 7	3°10	8°R33	23°53	11°44	12° 0	29°59	20°25	S 10
S 11	17 18 13	20°48'45	22°40	26°20	20°15	2°52	26°11	13° 3	3° 7	8°33	23°54	11°41	11°56	0♈ 5	20°28	S 11
M12	17 22 9	21°46'31	4♉46	27°39	21°28	3°23	26°22	13° 0	3° 5	8°33	23°56	11°35	11°53	0°12	20°30	M12
T 13	17 26 6	22°44'15	17° 6	29° 1	22°40	3°55	26°33	12°57	3° 2	8°33	23°57	11°26	11°50	0°19	20°32	T 13
W14	17 30 2	23°41'58	29°43	0♊25	23°52	4°27	26°44	12°54	3° 0	8°33	23°58	11°15	11°47	0°25	20°34	W14
T 15	17 33 59	24°39'40	12♊38	1°52	25° 4	4°59	26°55	12°52	2°57	8°33	24° 0	11° 3	11°44	0°32	20°36	T 15
F 16	17 37 56	25°37'21	25°50	3°22	26°16	5°31	27° 5	12°49	2°55	8°32	24° 1	10°51	11°41	0°39	20°37	F 16
S 17	17 41 52	26°35'01	9♋17	4°53	27°28	6° 3	27°16	12°46	2°53	8°32	24° 2	10°40	11°37	0°45	20°39	S 17
S 18	17 45 49	27°32'40	22°57	6°28	28°40	6°35	27°27	12°43	2°50	8°32	24° 4	10°31	11°34	0°52	20°41	S 18
M19	17 49 45	28°30'17	6♌47	8° 5	29°51	7° 7	27°37	12°41	2°48	8°32	24° 5	10°24	11°31	0°59	20°43	M19
T 20	17 53 42	29°27'54	20°45	9°44	1♌ 3	7°40	27°47	12°38	2°45	8°31	24° 6	10°21	11°28	1° 5	20°45	T 20
W21	17 57 38	0♋25'28	4♍47	11°26	2°15	8°12	27°58	12°36	2°43	8°31	24° 8	10°D19	11°25	1°12	20°46	W21
T 22	18 1 35	1°23'02	18°53	13°10	3°27	8°45	28° 8	12°34	2°40	8°31	24° 9	10°19	11°22	1°19	20°48	T 22
F 23	18 5 31	2°20'34	3♎ 0	14°56	4°38	9°17	28°18	12°32	2°38	8°30	24°10	10°R20	11°18	1°25	20°49	F 23
S 24	18 9 28	3°18'05	17° 9	16°45	5°50	9°50	28°28	12°30	2°35	8°30	24°12	10°19	11°15	1°32	20°51	S 24
S 25	18 13 25	4°15'34	1♏17	18°37	7° 1	10°23	28°37	12°28	2°33	8°29	24°13	10°16	11°12	1°39	20°52	S 25
M26	18 17 21	5°13'03	15°23	20°31	8°13	10°56	28°47	12°26	2°30	8°29	24°15	10°11	11° 9	1°45	20°54	M26
T 27	18 21 18	6°10'30	29°24	22°27	9°24	11°29	28°57	12°24	2°28	8°28	24°16	10° 4	11° 6	1°52	20°55	T 27
W28	18 25 14	7° 7'57	13♐16	24°25	10°35	12° 2	29° 6	12°22	2°25	8°28	24°18	9°54	11° 2	1°59	20°57	W28
T 29	18 29 11	8° 5'22	26°56	26°25	11°47	12°35	29°15	12°21	2°23	8°27	24°19	9°44	10°59	2° 5	20°58	T 29
F 30	18 33 7	9♋ 2'47	10♑21	28♊28	12♌58	13♍ 8	29♈25	12♏19	2♑20	8♓27	24♋20	9♓34	10♓56	2♈12	20♈59	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n59	27s43	4s59	13n10	3s26	24n21	1n18	13n41	1n35	8n19	1s 5	13s19	2n38	23s25	0s10	8s39	0s21	17n51	3s25	6s52	6s50	0n57	9n28	1n48
F 2	22 6	28 0	4 43	13 22	3 28	24 18	1 20	13 29	1 34	8 24	1 6	13 18	2 38	23 25	0 10	8 39	0 21	17 51	3 25	6 56	6 52	1 0	9 29	1 48
S 3	22 14	26 36	4 12	13 36	3 28	24 14	1 22	13 18	1 33	8 28	1 6	13 17	2 38	23 25	0 10	8 38	0 21	17 51	3 25	7 0	6 53	1 3	9 30	1 48
S 4	22 21	23 48	3 29	13 51	3 28	24 10	1 24	13 6	1 32	8 32	1 6	13 16	2 38	23 25	0 10	8 38	0 21	17 51	3 25	7 3	6 54	1 7	9 31	1 48
M 5	22 27	19 54	2 36	14 8	3 28	24 5	1 26	12 55	1 31	8 36	1 6	13 15	2 37	23 25	0 10	8 38	0 21	17 51	3 25	7 5	6 55	1 10	9 31	1 48
T 6	22 34	15 14	1 37	14 26	3 26	24 0	1 28	12 43	1 30	8 40	1 6	13 15	2 37	23 25	0 10	8 38	0 21	17 51	3 25	7 6	6 56	1 14	9 32	1 48
W 7	22 39	10 5	0 35	14 45	3 24	23 54	1 30	12 31	1 29	8 44	1 6	13 14	2 37	23 26	0 10	8 38	0 21	17 51	3 25	7 6	6 58	1 17	9 33	1 48
T 8	22 45	4 38	0n28	15 5	3 21	23 47	1 32	12 19	1 28	8 48	1 6	13 13	2 37	23 26	0 10	8 38	0 21	17 50	3 25	7 6	6 59	1 20	9 34	1 48
F 9	22 50	0n56	1 30	15 25	3 18	23 39	1 33	12 7	1 27	8 52	1 7	13 12	2 37	23 26	0 10	8 38	0 21	17 50	3 25	7 6	7 0	1 24	9 35	1 48
S 10	22 54	6 29	2 27	15 47	3 13	23 31	1 35	11 55	1 26	8 56	1 7	13 11	2 36	23 26	0 11	8 38	0 21	17 50	3 24	7 7	7 1	1 27	9 36	1 48
S 11	22 59	11 50	3 19	16 9	3 9	23 22	1 37	11 43	1 25	9 0	1 7	13 11	2 36	23 26	0 11	8 38	0 21	17 50	3 24	7 8	7 2	1 31	9 37	1 48
M12	23 2	16 50	4 2	16 32	3 3	23 12	1 38	11 30	1 24	9 4	1 7	13 10	2 36	23 26	0 11	8 38	0 21	17 50	3 24	7 11	7 4	1 34	9 37	1 48
T 13	23 6	21 14	4 35	16 55	2 58	23 2	1 40	11 18	1 23	9 8	1 7	13 9	2 36	23 26	0 11	8 38	0 21	17 50	3 24	7 14	7 5	1 37	9 38	1 48
W14	23 9	24 46	4 55	17 19	2 51	22 51	1 41	11 6	1 22	9 12	1 7	13 8	2 36	23 26	0 11	8 38	0 21	17 50	3 24	7 18	7 6	1 41	9 39	1 48
T 15	23 11	27 9	5 1	17 43	2 44	22 40	1 42	10 53	1 21	9 15	1 8	13 8	2 35	23 26	0 11	8 39	0 21	17 50	3 24	7 23	7 7	1 44	9 40	1 48
F 16	23 13	28 4	4 51	18 8	2 37	22 28	1 44	10 41	1 20	9 19	1 8	13 7	2 35	23 26	0 11	8 39	0 21	17 50	3 24	7 27	7 8	1 48	9 40	1 48
S 17	23 15	27 22	4 25	18 32	2 29	22 15	1 45	10 28	1 19	9 23	1 8	13 7	2 35	23 26	0 11	8 39	0 21	17 49	3 24	7 31	7 10	1 51	9 41	1 48
S 18	23 16	25 1	3 43	18 56	2 21	22 2	1 46	10 15	1 18	9 26	1 8	13 6	2 35	23 26	0 11	8 39	0 21	17 49	3 24	7 35	7 11	1 54	9 42	1 48
M19	23 17	21 10	2 48	19 21	2 12	21 48	1 47	10 2	1 17	9 30	1 8	13 5	2 35	23 26	0 11	8 39	0 21	17 49	3 24	7 37	7 12	1 58	9 42	1 48
T 20	23 17	16 6	1 42	19 45	2 3	21 33	1 48	9 49	1 16	9 33	1 9	13 5	2 34	23 26	0 11	8 39	0 21	17 49	3 23	7 39	7 13	2 1	9 43	1 48
W21	23 17	10 9	0 29	20 8	1 53	21 18	1 49	9 37	1 15	9 37	1 9	13 4	2 34	23 26	0 11	8 39	0 21	17 49	3 23	7 39	7 14	2 5	9 44	1 48
T 22	23 17	3 41	0s45	20 31	1 44	21 3	1 50	9 24	1 14	9 40	1 9	13 4	2 34	23 27	0 11	8 39	0 21	17 49	3 23	7 39	7 16	2 8	9 44	1 48
F 23	23 16	2s59	1 58	20 54	1 33	20 46	1 50	9 10	1 13	9 44	1 9	13 4	2 34	23 27	0 11	8 40	0 21	17 49	3 23	7 39	7 17	2 11	9 45	1 48
S 24	23 15	9 31	3 3	21 16	1 23	20 29	1 51	8 57	1 13	9 47	1 9	13 3	2 33	23 27	0 11	8 40	0 21	17 48	3 23	7 39	7 18	2 15	9 46	1 48
S 25	23 13	15 33	3 57	21 36	1 12	20 12	1 52	8 44	1 12	9 50	1 9	13 3	2 33	23 27	0 11	8 40	0 21	17 48	3 23	7 40	7 19	2 18	9 46	1 48
M26	23 11	20 45	4 36	21 56	1 1	19 54	1 52	8 31	1 11	9 53	1 10	13 2	2 33	23 27	0 11	8 40	0 21	17 48	3 23	7 42	7 20	2 22	9 47	1 48
T 27	23 9	24 45	4 58	22 14	0 50	19 36	1 53	8 18	1 10	9 57	1 10	13 2	2 33	23 27	0 11	8 40	0 21	17 48	3 23	7 45	7 22	2 25	9 47	1 48
W28	23 6	27 16	5 3	22 31	0 39	19 17	1 53	8 4	1 9	10 0	1 10	13 2	2 32	23 27	0 11	8 41	0 21	17 48	3 23	7 48	7 23	2 28	9 48	1 48
T 29	23 3	28 5	4 50	22 46	0 28	18 58	1 53	7 51	1 8	10 3	1 10	13 2	2 32	23 27	0 11	8 41	0 21	17 48	3 23	7 52	7 24	2 32	9 48	1 48
F 30	22n59	27s14	4s21	23n 0	0s17	18n38	1n53	7n37	1n 7	10n 6	1s10	13s 1	2n32	23s27	0s11	8s41	0s21	17n47	3s23	7s56	7s25	2n35	9n49	1n48

Julian Day Number = 2875742.5, Delta T = 01h13m46s
Ecliptic obliquity = 23°17'29, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°00'17, Lahiri = 40°07'17

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ASTRODIENST EPHEMERIS for the year 3161
geocentric

JULY 3161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 37 4	10♋ 0'11	23♑29	0♋32	14♌ 9	13♍42	29♈34	12°R18	2°R18	8°R26	24♋22	9°R26	10♓53	2♈19	21♈ 0	S 1
S 2	18 41 1	10°57'34	6♒18	2°38	15°20	14°15	29°43	12♏16	2♑16	8♓25	24°23	9♓19	10°50	2°25	21° 2	S 2
M 3	18 44 57	11°54'56	18°49	4°46	16°31	14°49	29°51	12°15	2°13	8°25	24°25	9°15	10°47	2°32	21° 3	M 3
T 4	18 48 54	12°52'18	1♓ 3	6°55	17°42	15°22	0♉ 0	12°14	2°11	8°24	24°26	9°13	10°43	2°38	21° 4	T 4
W 5	18 52 50	13°49'40	13° 5	9° 5	18°53	15°56	0° 9	12°13	2° 8	8°23	24°28	9°D13	10°40	2°45	21° 5	W 5
T 6	18 56 47	14°47'01	24°59	11°16	20° 3	16°30	0°17	12°12	2° 6	8°22	24°29	9°13	10°37	2°52	21° 6	T 6
F 7	19 0 43	15°44'21	6♈48	13°28	21°14	17° 4	0°25	12°11	2° 3	8°22	24°31	9°14	10°34	2°58	21° 7	F 7
S 8	19 4 40	16°41'42	18°39	15°40	22°25	17°38	0°33	12°10	2° 1	8°21	24°32	9°R15	10°31	3° 5	21° 7	S 8
S 9	19 8 36	17°39'02	0♉36	17°51	23°35	18°12	0°41	12°10	1°59	8°20	24°34	9°14	10°28	3°12	21° 8	S 9
M10	19 12 33	18°36'22	12°44	20° 3	24°46	18°46	0°49	12° 9	1°56	8°19	24°35	9°11	10°24	3°18	21° 9	M10
T 11	19 16 30	19°33'42	25° 9	22°14	25°56	19°20	0°57	12° 9	1°54	8°18	24°37	9° 6	10°21	3°25	21°10	T 11
W12	19 20 26	20°31'01	7♊52	24°25	27° 7	19°54	1° 5	12° 8	1°52	8°17	24°38	9° 0	10°18	3°32	21°10	W12
T 13	19 24 23	21°28'21	20°57	26°34	28°17	20°28	1°12	12° 8	1°49	8°16	24°40	8°52	10°15	3°38	21°11	T 13
F 14	19 28 19	22°25'40	4♋24	28°42	29°27	21° 3	1°19	12° 8	1°47	8°15	24°41	8°44	10°12	3°45	21°11	F 14
S 15	19 32 16	23°22'59	18°10	0♌49	0♍37	21°37	1°26	12°D 8	1°45	8°14	24°43	8°37	10° 8	3°52	21°12	S 15
S 16	19 36 12	24°20'17	2♌13	2°55	1°47	22°12	1°33	12° 8	1°43	8°13	24°44	8°31	10° 5	3°58	21°12	S 16
M17	19 40 9	25°17'36	16°28	4°58	2°57	22°46	1°40	12° 8	1°40	8°12	24°46	8°27	10° 2	4° 5	21°13	M17
T 18	19 44 5	26°14'54	0♍51	7° 0	4° 7	23°21	1°47	12° 8	1°38	8°11	24°47	8°26	9°59	4°12	21°13	T 18
W19	19 48 2	27°12'11	15°16	9° 0	5°17	23°56	1°53	12° 8	1°36	8°10	24°48	8°D26	9°56	4°18	21°13	W19
T 20	19 51 59	28° 9'28	29°39	10°58	6°27	24°31	2° 0	12° 9	1°34	8° 9	24°50	8°27	9°53	4°25	21°14	T 20
F 21	19 55 55	29° 6'44	13♎57	12°55	7°36	25° 6	2° 6	12° 9	1°32	8° 8	24°51	8°28	9°49	4°32	21°14	F 21
S 22	19 59 52	0♌ 4'00	28° 8	14°49	8°46	25°41	2°12	12°10	1°30	8° 6	24°53	8°R29	9°46	4°38	21°14	S 22
S 23	20 3 48	1° 1'16	12♏ 9	16°41	9°55	26°16	2°18	12°11	1°28	8° 5	24°54	8°28	9°43	4°45	21°14	S 23
M24	20 7 45	1°58'32	26° 1	18°31	11° 5	26°51	2°23	12°12	1°26	8° 4	24°56	8°26	9°40	4°52	21°R14	M24
T 25	20 11 41	2°55'47	9♐41	20°20	12°14	27°26	2°29	12°13	1°24	8° 3	24°57	8°22	9°37	4°58	21°14	T 25
W26	20 15 38	3°53'02	23° 9	22° 6	13°23	28° 1	2°34	12°14	1°22	8° 2	24°59	8°18	9°34	5° 5	21°14	W26
T 27	20 19 34	4°50'16	6♑25	23°50	14°32	28°37	2°39	12°15	1°20	8° 0	25° 0	8°12	9°30	5°12	21°14	T 27
F 28	20 23 31	5°47'31	19°26	25°32	15°41	29°12	2°44	12°16	1°18	7°59	25° 2	8° 7	9°27	5°18	21°14	F 28
S 29	20 27 28	6°44'46	2♒13	27°12	16°50	29°48	2°49	12°17	1°16	7°58	25° 3	8° 3	9°24	5°25	21°13	S 29
S 30	20 31 24	7°42'01	14°46	28°50	17°59	0♎23	2°54	12°19	1°14	7°56	25° 5	7°59	9°21	5°32	21°13	S 30
M31	20 35 21	8♌39'15	27♒ 5	0♍26	19♍ 7	0♎59	2♉59	12♏20	1♑12	7♓55	25♋ 6	7♓57	9♓18	5♈38	21♈13	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n55	24s52	3s39	23n11	0s 6	18n18	1n53	7n24	1n 6	10n 9	1s11	13s 1	2n32	23s27	0s11	8s41	0s21	17n47	3s23	7s59	7s26	2n39	9n49	1n48
S 2	22 51	21 16	2 47	23 21	0n 5	17 57	1 53	7 10	1 5	10 12	1 11	13 1	2 31	23 27	0 11	8 42	0 21	17 47	3 23	8 2	7 28	2 42	9 50	1 48
M 3	22 46	16 47	1 47	23 28	0 16	17 36	1 53	6 56	1 5	10 15	1 11	13 1	2 31	23 27	0 11	8 42	0 21	17 47	3 22	8 3	7 29	2 45	9 50	1 48
T 4	22 40	11 43	0 44	23 33	0 26	17 14	1 53	6 43	1 4	10 17	1 11	13 1	2 31	23 27	0 11	8 42	0 21	17 47	3 22	8 4	7 30	2 49	9 51	1 48
W 5	22 35	6 17	0n21	23 35	0 36	16 52	1 53	6 29	1 3	10 20	1 11	13 1	2 31	23 27	0 11	8 42	0 21	17 46	3 22	8 4	7 31	2 52	9 51	1 48
T 6	22 29	0 42	1 24	23 34	0 46	16 29	1 53	6 15	1 2	10 23	1 12	13 1	2 30	23 27	0 11	8 43	0 21	17 46	3 22	8 4	7 32	2 56	9 51	1 48
F 7	22 22	4n52	2 23	23 31	0 55	16 6	1 52	6 1	1 1	10 26	1 12	13 1	2 30	23 27	0 11	8 43	0 21	17 46	3 22	8 3	7 34	2 59	9 52	1 48
S 8	22 15	10 17	3 16	23 26	1 3	15 43	1 52	5 47	1 0	10 28	1 12	13 1	2 30	23 27	0 11	8 43	0 22	17 46	3 22	8 3	7 35	3 2	9 52	1 48
S 9	22 8	15 22	4 1	23 17	1 11	15 19	1 51	5 33	0 59	10 31	1 12	13 1	2 30	23 27	0 11	8 44	0 22	17 46	3 22	8 4	7 36	3 6	9 52	1 48
M10	22 1	19 57	4 36	23 6	1 19	14 55	1 50	5 19	0 59	10 33	1 13	13 1	2 29	23 27	0 11	8 44	0 22	17 46	3 22	8 5	7 37	3 9	9 53	1 48
T 11	21 53	23 46	4 59	22 52	1 25	14 31	1 50	5 5	0 58	10 36	1 13	13 1	2 29	23 27	0 11	8 44	0 22	17 45	3 22	8 7	7 38	3 12	9 53	1 48
W12	21 44	26 33	5 8	22 36	1 31	14 6	1 49	4 51	0 57	10 38	1 13	13 1	2 29	23 28	0 11	8 45	0 22	17 45	3 22	8 9	7 40	3 16	9 53	1 48
T 13	21 35	27 59	5 1	22 17	1 36	13 41	1 48	4 37	0 56	10 40	1 13	13 1	2 29	23 28	0 11	8 45	0 22	17 45	3 22	8 12	7 41	3 19	9 53	1 48
F 14	21 26	27 51	4 38	21 56	1 41	13 16	1 47	4 23	0 55	10 43	1 13	13 1	2 28	23 28	0 11	8 45	0 22	17 45	3 22	8 15	7 42	3 23	9 54	1 48
S 15	21 17	26 0	3 58	21 33	1 44	12 50	1 45	4 8	0 54	10 45	1 14	13 2	2 28	23 28	0 11	8 46	0 22	17 45	3 22	8 17	7 43	3 26	9 54	1 48
S 16	21 7	22 31	3 3	21 8	1 47	12 24	1 44	3 54	0 54	10 47	1 14	13 2	2 28	23 28	0 11	8 46	0 22	17 44	3 22	8 19	7 44	3 29	9 54	1 49
M17	20 57	17 39	1 56	20 41	1 49	11 57	1 43	3 40	0 53	10 49	1 14	13 2	2 28	23 28	0 11	8 47	0 22	17 44	3 22	8 21	7 46	3 33	9 54	1 49
T 18	20 46	11 45	0 41	20 12	1 51	11 31	1 41	3 25	0 52	10 51	1 14	13 3	2 27	23 28	0 11	8 47	0 22	17 44	3 22	8 22	7 47	3 36	9 54	1 49
W19	20 35	5 12	0s37	19 41	1 51	11 4	1 40	3 11	0 51	10 53	1 15	13 3	2 27	23 28	0 11	8 48	0 22	17 44	3 21	8 22	7 48	3 39	9 55	1 49
T 20	20 24	1s35	1 53	19 9	1 51	10 37	1 38	2 56	0 50	10 55	1 15	13 3	2 27	23 28	0 11	8 48	0 22	17 43	3 21	8 21	7 49	3 43	9 55	1 49
F 21	20 13	8 15	3 1	18 36	1 51	10 9	1 36	2 42	0 50	10 57	1 15	13 4	2 26	23 28	0 11	8 48	0 22	17 43	3 21	8 21	7 50	3 46	9 55	1 49
S 22	20 1	14 26	3 58	18 2	1 49	9 42	1 35	2 27	0 49	10 59	1 15	13 4	2 26	23 28	0 11	8 49	0 22	17 43	3 21	8 20	7 51	3 50	9 55	1 49
S 23	19 48	19 49	4 39	17 26	1 47	9 14	1 33	2 13	0 48	11 1	1 16	13 5	2 26	23 28	0 11	8 49	0 22	17 43	3 21	8 21	7 53	3 53	9 55	1 49
M24	19 36	24 4	5 4	16 50	1 44	8 46	1 31	1 58	0 47	11 2	1 16	13 5	2 26	23 28	0 11	8 50	0 22	17 43	3 21	8 21	7 54	3 56	9 55	1 49
T 25	19 23	26 54	5 11	16 13	1 41	8 18	1 29	1 43	0 46	11 4	1 16	13 6	2 25	23 28	0 11	8 50	0 22	17 42	3 21	8 23	7 55	4 0	9 55	1 49
W26	19 10	28 7	5 1	15 35	1 37	7 49	1 26	1 29	0 46	11 6	1 16	13 6	2 25	23 28	0 11	8 51	0 22	17 42	3 21	8 25	7 56	4 3	9 55	1 49
T 27	18 56	27 43	4 35	14 57	1 32	7 21	1 24	1 14	0 45	11 7	1 17	13 7	2 25	23 28	0 11	8 51	0 22	17 42	3 21	8 26	7 57	4 6	9 55	1 49
F 28	18 42	25 46	3 54	14 18	1 27	6 52	1 22	0 59	0 44	11 9	1 17	13 8	2 25	23 28	0 11	8 52	0 22	17 42	3 21	8 28	7 59	4 10	9 55	1 49
S 29	18 28	22 31	3 3	13 39	1 21	6 23	1 19	0 45	0 43	11 10	1 17	13 8	2 24	23 28	0 11	8 52	0 22	17 42	3 21	8 30	8 0	4 13	9 55	1 49
S 30	18 14	18 17	2 4	12 59	1 15	5 54	1 16	0 30	0 43	11 11	1 17	13 9	2 24	23 28	0 11	8 53	0 22	17 41	3 21	8 31	8 1	4 16	9 55	1 49
M31	17n59	13s20	0s59	12n19	1n 9	5n25	1n14	0n15	0n42	11n13	1s18	13s10	2n24	23s28	0s11	8s53	0s22	17n41	3s21	8s32	8s 2	4n20	9n55	1n49

Julian Day Number = 2875772.5, Delta T = 01h13m46s
Ecliptic obliquity = 23°17'29, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°00'21, Lahiri = 40°07'21

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ASTRODIENST EPHEMERIS for the year 3161
geocentric

AUGUST 3161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 39 17	9♌36'31	9♓12	2♍ 0	20♍16	1♎34	3♉ 3	12♏22	1°R11	7°R54	25♋ 8	7°D57	9♓14	5♈45	21°R12	T 1
W 2	20 43 14	10°33'46	21°10	3°32	21°24	2°10	3° 7	12°24	1♉ 9	7♓52	25° 9	7♓58	9°11	5°52	21♈12	W 2
T 3	20 47 10	11°31'02	3♈ 2	5° 2	22°32	2°46	3°11	12°25	1° 7	7°51	25°11	7°59	9° 8	5°58	21°11	T 3
F 4	20 51 7	12°28'18	14°51	6°29	23°40	3°22	3°15	12°27	1° 5	7°49	25°12	8° 1	9° 5	6° 5	21°11	F 4
S 5	20 55 3	13°25'35	26°41	7°55	24°48	3°58	3°18	12°29	1° 4	7°48	25°13	8° 2	9° 2	6°12	21°10	S 5
S 6	20 59 0	14°22'52	8♉38	9°18	25°56	4°34	3°22	12°31	1° 2	7°46	25°15	8° 3	8°59	6°18	21°10	S 6
M 7	21 2 57	15°20'11	20°47	10°40	27° 4	5°10	3°25	12°34	1° 1	7°45	25°16	8°R 3	8°55	6°25	21° 9	M 7
T 8	21 6 53	16°17'29	3♊11	11°59	28°12	5°46	3°28	12°36	0°59	7°44	25°18	8° 2	8°52	6°32	21° 8	T 8
W 9	21 10 50	17°14'49	15°55	13°16	29°19	6°22	3°31	12°38	0°58	7°42	25°19	8° 0	8°49	6°38	21° 7	W 9
T 10	21 14 46	18°12'09	29° 2	14°30	0♎26	6°58	3°34	12°41	0°56	7°41	25°21	7°58	8°46	6°45	21° 7	T 10
F 11	21 18 43	19° 9'31	12♋34	15°42	1°34	7°34	3°36	12°43	0°55	7°39	25°22	7°55	8°43	6°52	21° 6	F 11
S 12	21 22 39	20° 6'52	26°30	16°52	2°41	8°11	3°38	12°46	0°54	7°37	25°23	7°53	8°40	6°58	21° 5	S 12
S 13	21 26 36	21° 4'15	10♌47	18° 0	3°48	8°47	3°41	12°49	0°52	7°36	25°25	7°51	8°36	7° 5	21° 4	S 13
M14	21 30 33	22° 1'38	25°22	19° 4	4°55	9°24	3°42	12°52	0°51	7°34	25°26	7°50	8°33	7°12	21° 3	M14
T 15	21 34 29	22°59'01	10♍ 8	20° 6	6° 1	10° 0	3°44	12°54	0°50	7°33	25°27	7°D50	8°30	7°18	21° 2	T 15
W16	21 38 26	23°56'25	24°58	21° 6	7° 8	10°37	3°46	12°57	0°49	7°31	25°29	7°50	8°27	7°25	21° 0	W16
T 17	21 42 22	24°53'50	9♎44	22° 2	8°14	11°14	3°47	13° 1	0°47	7°30	25°30	7°51	8°24	7°32	20°59	T 17
F 18	21 46 19	25°51'15	24°21	22°55	9°20	11°50	3°48	13° 4	0°46	7°28	25°31	7°52	8°20	7°38	20°58	F 18
S 19	21 50 15	26°48'41	8♏44	23°45	10°26	12°27	3°49	13° 7	0°45	7°26	25°33	7°53	8°17	7°45	20°57	S 19
S 20	21 54 12	27°46'07	22°49	24°32	11°32	13° 4	3°50	13°10	0°44	7°25	25°34	7°R53	8°14	7°51	20°55	S 20
M21	21 58 8	28°43'33	6♐37	25°16	12°38	13°41	3°50	13°14	0°43	7°23	25°35	7°53	8°11	7°58	20°54	M21
T 22	22 2 5	29°41'01	20° 6	25°55	13°43	14°18	3°51	13°17	0°43	7°22	25°37	7°53	8° 8	8° 5	20°53	T 22
W23	22 6 2	0♑38'28	3♑17	26°31	14°49	14°55	3°R51	13°21	0°42	7°20	25°38	7°52	8° 5	8°11	20°51	W23
T 24	22 9 58	1°35'57	16°13	27° 3	15°54	15°32	3°51	13°25	0°41	7°18	25°39	7°51	8° 1	8°18	20°50	T 24
F 25	22 13 55	2°33'26	28°54	27°31	16°59	16° 9	3°50	13°29	0°40	7°17	25°40	7°50	7°58	8°25	20°48	F 25
S 26	22 17 51	3°30'56	11♒21	27°54	18° 3	16°46	3°50	13°32	0°39	7°15	25°42	7°50	7°55	8°31	20°47	S 26
S 27	22 21 48	4°28'26	23°38	28°12	19° 8	17°24	3°49	13°36	0°39	7°14	25°43	7°50	7°52	8°38	20°45	S 27
M28	22 25 44	5°25'58	5♓44	28°26	20°12	18° 1	3°49	13°40	0°38	7°12	25°44	7°D49	7°49	8°45	20°43	M28
T 29	22 29 41	6°23'30	17°43	28°35	21°16	18°38	3°47	13°44	0°38	7°10	25°45	7°50	7°46	8°51	20°42	T 29
W30	22 33 37	7°21'04	29°36	28°R39	22°20	19°16	3°46	13°49	0°37	7° 9	25°46	7°R50	7°42	8°58	20°40	W30
T 31	22 37 34	8♍18'39	11♈26	28♍37	23♎24	19♎53	3♉45	13♏53	0♉37	7♓ 7	25♋47	7♓50	7♓39	9♈ 5	20♈38	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n44	7s58	0n 7	11n40	1n 2	4n55	1n11	0n 0	0n41	11n14	1s18	13s10	2n24	23s28	0s11	8s54	0s22	17n41	3s21	8s32	8s 3	4n23	9n54	1n49
W 2	17 29	2 22	1 12	11 0	0 54	4 26	1 8	0s14	0 40	11 15	1 18	13 11	2 23	23 28	0 11	8 54	0 22	17 41	3 21	8 32	8 5	4 26	9 54	1 49
T 3	17 13	3n15	2 14	10 20	0 46	3 57	1 5	0 29	0 40	11 16	1 18	13 12	2 23	23 28	0 11	8 55	0 22	17 40	3 21	8 31	8 6	4 30	9 54	1 49
F 4	16 57	8 43	3 9	9 40	0 38	3 27	1 2	0 44	0 39	11 17	1 19	13 13	2 23	23 28	0 11	8 55	0 22	17 40	3 21	8 31	8 7	4 33	9 54	1 49
S 5	16 41	13 55	3 57	9 0	0 29	2 57	0 59	0 59	0 38	11 18	1 19	13 14	2 23	23 28	0 11	8 56	0 22	17 40	3 21	8 30	8 8	4 37	9 54	1 49
S 6	16 25	18 38	4 35	8 21	0 20	2 27	0 56	1 14	0 37	11 19	1 19	13 14	2 22	23 28	0 11	8 57	0 22	17 40	3 21	8 30	8 9	4 40	9 54	1 49
M 7	16 8	22 40	5 1	7 41	0 11	1 58	0 52	1 29	0 37	11 20	1 19	13 15	2 22	23 28	0 11	8 57	0 22	17 40	3 21	8 30	8 10	4 43	9 53	1 49
T 8	15 51	25 48	5 14	7 2	0 1	1 28	0 49	1 44	0 36	11 21	1 20	13 16	2 22	23 28	0 11	8 58	0 22	17 39	3 21	8 30	8 12	4 47	9 53	1 49
W 9	15 34	27 44	5 12	6 24	0s 9	0 58	0 45	1 58	0 35	11 21	1 20	13 17	2 21	23 28	0 11	8 58	0 22	17 39	3 21	8 31	8 13	4 50	9 53	1 49
T 10	15 17	28 12	4 54	5 46	0 19	0 28	0 42	2 13	0 34	11 22	1 20	13 18	2 21	23 28	0 11	8 59	0 22	17 39	3 21	8 32	8 14	4 53	9 52	1 49
F 11	14 59	27 1	4 20	5 8	0 30	0s 2	0 38	2 28	0 34	11 23	1 20	13 19	2 21	23 28	0 11	8 59	0 22	17 39	3 21	8 33	8 15	4 57	9 52	1 49
S 12	14 41	24 9	3 29	4 32	0 41	0 32	0 34	2 43	0 33	11 23	1 21	13 20	2 21	23 28	0 11	9 0	0 22	17 38	3 21	8 34	8 16	5 0	9 52	1 49
S 13	14 23	19 44	2 24	3 55	0 52	1 2	0 30	2 58	0 32	11 24	1 21	13 21	2 20	23 28	0 11	9 1	0 22	17 38	3 21	8 34	8 18	5 3	9 51	1 49
M14	14 5	14 3	1 8	3 20	1 3	1 32	0 26	3 13	0 31	11 24	1 21	13 22	2 20	23 28	0 11	9 1	0 22	17 38	3 21	8 35	8 19	5 7	9 51	1 49
T 15	13 46	7 31	0s13	2 45	1 15	2 2	0 22	3 28	0 31	11 24	1 21	13 23	2 20	23 28	0 11	9 2	0 22	17 38	3 21	8 35	8 20	5 10	9 51	1 49
W16	13 28	0 33	1 33	2 11	1 26	2 32	0 18	3 43	0 30	11 25	1 22	13 25	2 20	23 28	0 11	9 2	0 22	17 38	3 21	8 35	8 21	5 13	9 50	1 49
T 17	13 9	6s24	2 48	1 39	1 38	3 2	0 14	3 58	0 29	11 25	1 22	13 26	2 19	23 28	0 11	9 3	0 22	17 37	3 21	8 34	8 22	5 17	9 50	1 49
F 18	12 49	12 57	3 50	1 7	1 50	3 32	0 10	4 13	0 29	11 25	1 22	13 27	2 19	23 28	0 11	9 4	0 22	17 37	3 20	8 34	8 23	5 20	9 49	1 49
S 19	12 30	18 42	4 37	0 36	2 1	4 2	0 5	4 28	0 28	11 25	1 22	13 28	2 19	23 28	0 11	9 4	0 22	17 37	3 20	8 34	8 25	5 23	9 49	1 49
S 20	12 10	23 18	5 6	0 7	2 13	4 31	0 1	4 43	0 27	11 25	1 23	13 29	2 19	23 28	0 11	9 5	0 22	17 37	3 20	8 34	8 26	5 27	9 48	1 49
M21	11 51	26 29	5 17	0s21	2 25	5 1	0s 4	4 58	0 26	11 25	1 23	13 31	2 18	23 28	0 11	9 5	0 22	17 36	3 20	8 34	8 27	5 30	9 48	1 49
T 22	11 31	28 4	5 10	0 48	2 37	5 31	0 8	5 13	0 26	11 25	1 23	13 32	2 18	23 28	0 11	9 6	0 22	17 36	3 20	8 34	8 28	5 33	9 47	1 49
W23	11 11	28 1	4 46	1 13	2 49	6 0	0 13	5 27	0 25	11 25	1 23	13 33	2 18	23 28	0 11	9 7	0 22	17 36	3 20	8 34	8 29	5 37	9 47	1 49
T 24	10 50	26 26	4 9	1 36	3 1	6 29	0 18	5 42	0 24	11 24	1 24	13 35	2 18	23 28	0 11	9 7	0 22	17 36	3 20	8 34	8 31	5 40	9 46	1 49
F 25	10 30	23 31	3 20	1 58	3 12	6 59	0 22	5 57	0 24	11 24	1 24	13 36	2 18	23 28	0 11	9 8	0 22	17 36	3 20	8 35	8 32	5 43	9 46	1 49
S 26	10 9	19 32	2 22	2 17	3 23	7 28	0 27	6 12	0 23	11 24	1 24	13 37	2 17	23 28	0 11	9 8	0 22	17 35	3 20	8 35	8 33	5 46	9 45	1 49
S 27	9 49	14 47	1 18	2 34	3 34	7 57	0 32	6 27	0 22	11 23	1 24	13 39	2 17	23 28	0 11	9 9	0 22	17 35	3 20	8 35	8 34	5 50	9 44	1 49
M28	9 28	9 32	0 12	2 50	3 45	8 26	0 37	6 42	0 22	11 23	1 25	13 40	2 17	23 28	0 11	9 10	0 22	17 35	3 20	8 35	8 35	5 53	9 44	1 49
T 29	9 7	3 59	0n55	3 2	3 55	8 54	0 42	6 56	0 21	11 22	1 25	13 41	2 17	23 28	0 11	9 10	0 22	17 35	3 20	8 35	8 36	5 56	9 43	1 49
W30	8 45	1n39	1 58	3 12	4 5	9 23	0 48	7 11	0 20	11 22	1 25	13 43	2 16	23 28	0 11	9 11	0 22	17 35	3 20	8 35	8 38	6 0	9 43	1 49
T 31	8n24	7n12	2n56	3s20	4s13	9s51	0s53	7s26	0n19	11n21	1s25	13s44	2n16	23s28	0s11	9s11	0s22	17n34	3s20	8s35	8s39	6n 3	9n42	1n49

Julian Day Number = 2875803.5, Delta T = 01h13m47s
Ecliptic obliquity = 23°17'29, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°00'25, Lahiri = 40°07'26

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ASTRODIENST EPHEMERIS for the year 3161
geocentric

SEPTEMBER 3161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 41 30	9♍16'15	23♈15	28°R30	24♎27	20♎31	3°R43	13♏57	0°R36	7°R 5	25♋49	7°R49	7♓36	9♈11	20°R36	F 1
S 2	22 45 27	10°13'52	5♉ 6	28♍17	25°30	21° 9	3♉41	14° 2	0♑36	7♓ 4	25°50	7♓49	7°33	9°18	20♈34	S 2
S 3	22 49 24	11°11'31	17° 3	27°59	26°33	21°46	3°39	14° 6	0°36	7° 2	25°51	7°49	7°30	9°25	20°32	S 3
M 4	22 53 20	12° 9'11	29°11	27°35	27°36	22°24	3°37	14°11	0°35	7° 0	25°52	7°49	7°26	9°31	20°30	M 4
T 5	22 57 17	13° 6'53	11♊33	27° 6	28°38	23° 2	3°35	14°15	0°35	6°59	25°53	7°D48	7°23	9°38	20°28	T 5
W 6	23 1 13	14° 4'36	24°13	26°32	29°40	23°40	3°32	14°20	0°35	6°57	25°54	7°49	7°20	9°45	20°26	W 6
T 7	23 5 10	15° 2'21	7♋16	25°53	0♏42	24°18	3°29	14°25	0°35	6°56	25°55	7°49	7°17	9°51	20°24	T 7
F 8	23 9 6	16° 0'07	20°44	25° 9	1°44	24°56	3°26	14°30	0°35	6°54	25°56	7°50	7°14	9°58	20°22	F 8
S 9	23 13 3	16°57'55	4♌38	24°22	2°45	25°34	3°23	14°35	0°D35	6°52	25°57	7°50	7°11	10° 5	20°20	S 9
S 10	23 16 59	17°55'45	18°58	23°32	3°46	26°12	3°20	14°39	0°35	6°51	25°58	7°51	7° 7	10°11	20°18	S 10
M11	23 20 56	18°53'36	3♍41	22°39	4°47	26°50	3°16	14°45	0°35	6°49	25°59	7°R51	7° 4	10°18	20°16	M11
T 12	23 24 53	19°51'28	18°40	21°46	5°47	27°28	3°12	14°50	0°35	6°48	26° 0	7°51	7° 1	10°25	20°14	T 12
W13	23 28 49	20°49'21	3♎48	20°52	6°47	28° 7	3° 8	14°55	0°35	6°46	26° 1	7°51	6°58	10°31	20°11	W13
T 14	23 32 46	21°47'16	18°55	19°58	7°47	28°45	3° 4	15° 0	0°36	6°44	26° 2	7°49	6°55	10°38	20° 9	T 14
F 15	23 36 42	22°45'13	3♏52	19° 7	8°46	29°23	3° 0	15° 5	0°36	6°43	26° 3	7°47	6°51	10°45	20° 7	F 15
S 16	23 40 39	23°43'10	18°32	18°19	9°45	0♏ 2	2°56	15°11	0°36	6°41	26° 4	7°46	6°48	10°51	20° 5	S 16
S 17	23 44 35	24°41'09	2♐49	17°36	10°44	0°41	2°51	15°16	0°37	6°40	26° 5	7°44	6°45	10°58	20° 2	S 17
M18	23 48 32	25°39'09	16°41	16°57	11°42	1°19	2°46	15°22	0°37	6°38	26° 6	7°43	6°42	11° 5	20° 0	M18
T 19	23 52 28	26°37'11	0♑ 9	16°25	12°40	1°58	2°41	15°27	0°38	6°37	26° 7	7°D43	6°39	11°11	19°57	T 19
W20	23 56 25	27°35'13	13°13	16° 0	13°38	2°37	2°36	15°33	0°38	6°35	26° 7	7°44	6°36	11°18	19°55	W20
T 21	0 0 22	28°33'17	25°57	15°42	14°35	3°15	2°31	15°39	0°39	6°34	26° 8	7°45	6°32	11°25	19°52	T 21
F 22	0 4 18	29°31'23	8♒25	15°32	15°31	3°54	2°25	15°44	0°40	6°32	26° 9	7°46	6°29	11°31	19°50	F 22
S 23	0 8 15	0♎29'29	20°38	15°D31	16°27	4°33	2°20	15°50	0°40	6°31	26°10	7°48	6°26	11°38	19°47	S 23
S 24	0 12 11	1°27'37	2♓42	15°38	17°23	5°12	2°14	15°56	0°41	6°29	26°10	7°R49	6°23	11°45	19°45	S 24
M25	0 16 8	2°25'47	14°39	15°54	18°18	5°51	2° 8	16° 2	0°42	6°28	26°11	7°49	6°20	11°52	19°42	M25
T 26	0 20 4	3°23'58	26°31	16°19	19°12	6°30	2° 2	16° 8	0°43	6°27	26°12	7°47	6°17	11°58	19°40	T 26
W27	0 24 1	4°22'10	8♈20	16°53	20° 6	7° 9	1°56	16°14	0°44	6°25	26°13	7°45	6°13	12° 5	19°37	W27
T 28	0 27 57	5°20'25	20°10	17°35	21° 0	7°48	1°49	16°20	0°45	6°24	26°13	7°41	6°10	12°12	19°35	T 28
F 29	0 31 54	6°18'41	2♉ 1	18°24	21°53	8°28	1°43	16°26	0°46	6°22	26°14	7°36	6° 7	12°18	19°32	F 29
S 30	0 35 51	7♎16'59	13♉56	19♍22	22♏45	9♏ 7	1♉36	16♏32	0♑47	6♓21	26♋14	7♓31	6♓ 4	12♈25	19♈30	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n 3	12n29	3n46	3s24	4s21	10s19	0s58	7s41	0n19	11n20	1s26	13s46	2n16	23s28	0s11	9s12	0s22	17n34	3s20	8s35	8s40	6n 6	9n41	1n49
S 2	7 41	17 20	4 27	3 26	4 28	10 47	1 3	7 55	0 18	11 19	1 26	13 47	2 16	23 28	0 11	9 13	0 22	17 34	3 20	8 35	8 41	6 10	9 40	1 49
S 3	7 19	21 34	4 57	3 24	4 34	11 15	1 9	8 10	0 17	11 18	1 26	13 49	2 16	23 28	0 11	9 13	0 22	17 34	3 20	8 35	8 42	6 13	9 40	1 49
M 4	6 58	24 57	5 14	3 19	4 39	11 43	1 14	8 24	0 17	11 17	1 26	13 50	2 15	23 28	0 11	9 14	0 22	17 34	3 20	8 35	8 44	6 16	9 39	1 49
T 5	6 36	27 15	5 17	3 11	4 43	12 10	1 20	8 39	0 16	11 16	1 27	13 52	2 15	23 28	0 11	9 15	0 22	17 33	3 20	8 35	8 45	6 20	9 38	1 49
W 6	6 14	28 14	5 4	3 0	4 45	12 37	1 25	8 54	0 15	11 15	1 27	13 53	2 15	23 28	0 11	9 15	0 22	17 33	3 20	8 35	8 46	6 23	9 37	1 49
T 7	5 52	27 42	4 36	2 45	4 45	13 4	1 31	9 8	0 15	11 14	1 27	13 55	2 15	23 28	0 11	9 16	0 22	17 33	3 20	8 35	8 47	6 26	9 37	1 49
F 8	5 29	25 32	3 53	2 26	4 44	13 31	1 36	9 23	0 14	11 13	1 27	13 57	2 14	23 28	0 11	9 16	0 22	17 33	3 20	8 35	8 48	6 29	9 36	1 49
S 9	5 7	21 48	2 54	2 5	4 41	13 57	1 42	9 37	0 13	11 12	1 28	13 58	2 14	23 28	0 11	9 17	0 22	17 33	3 20	8 35	8 49	6 33	9 35	1 49
S 10	4 45	16 40	1 43	1 41	4 36	14 23	1 48	9 51	0 13	11 10	1 28	14 0	2 14	23 28	0 11	9 18	0 22	17 32	3 20	8 34	8 51	6 36	9 34	1 49
M11	4 22	10 27	0 23	1 14	4 30	14 49	1 54	10 6	0 12	11 9	1 28	14 2	2 14	23 28	0 11	9 18	0 22	17 32	3 20	8 34	8 52	6 39	9 33	1 49
T 12	4 0	3 32	1s 0	0 45	4 21	15 15	1 59	10 20	0 11	11 7	1 28	14 3	2 14	23 28	0 11	9 19	0 22	17 32	3 20	8 34	8 53	6 43	9 33	1 49
W13	3 37	3s38	2 19	0 14	4 10	15 40	2 5	10 34	0 11	11 6	1 28	14 5	2 13	23 28	0 11	9 19	0 22	17 32	3 20	8 35	8 54	6 46	9 32	1 49
T 14	3 14	10 35	3 28	0n17	3 58	16 5	2 11	10 48	0 10	11 4	1 29	14 7	2 13	23 28	0 11	9 20	0 22	17 32	3 20	8 35	8 55	6 49	9 31	1 49
F 15	2 52	16 51	4 23	0 50	3 44	16 30	2 17	11 3	0 9	11 3	1 29	14 8	2 13	23 28	0 11	9 20	0 22	17 31	3 20	8 36	8 56	6 52	9 30	1 49
S 16	2 29	22 1	4 58	1 23	3 29	16 55	2 23	11 17	0 9	11 1	1 29	14 10	2 13	23 28	0 11	9 21	0 22	17 31	3 20	8 36	8 58	6 56	9 29	1 49
S 17	2 6	25 44	5 15	1 55	3 12	17 19	2 29	11 31	0 8	10 59	1 29	14 12	2 13	23 28	0 11	9 22	0 22	17 31	3 20	8 37	8 59	6 59	9 28	1 49
M18	1 43	27 48	5 12	2 26	2 55	17 42	2 35	11 45	0 7	10 57	1 29	14 14	2 13	23 28	0 11	9 22	0 23	17 31	3 20	8 37	9 0	7 2	9 27	1 49
T 19	1 20	28 10	4 52	2 55	2 36	18 6	2 41	11 59	0 7	10 55	1 30	14 15	2 12	23 28	0 11	9 23	0 23	17 31	3 20	8 37	9 1	7 6	9 26	1 49
W20	0 57	26 55	4 17	3 23	2 18	18 29	2 47	12 12	0 6	10 53	1 30	14 17	2 12	23 28	0 11	9 23	0 23	17 31	3 21	8 37	9 2	7 9	9 25	1 49
T 21	0 34	24 17	3 31	3 47	1 58	18 52	2 53	12 26	0 5	10 52	1 30	14 19	2 12	23 28	0 11	9 24	0 23	17 30	3 21	8 37	9 3	7 12	9 24	1 49
F 22	0 11	20 33	2 35	4 9	1 39	19 14	2 59	12 40	0 5	10 49	1 30	14 21	2 12	23 28	0 11	9 24	0 23	17 30	3 21	8 36	9 5	7 15	9 23	1 49
S 23	0s12	16 0	1 33	4 27	1 20	19 36	3 5	12 54	0 4	10 47	1 30	14 22	2 12	23 28	0 11	9 25	0 23	17 30	3 21	8 36	9 6	7 19	9 22	1 49
S 24	0 35	10 53	0 28	4 42	1 1	19 58	3 11	13 7	0 4	10 45	1 31	14 24	2 11	23 28	0 11	9 25	0 23	17 30	3 21	8 35	9 7	7 22	9 21	1 49
M25	0 58	5 26	0n38	4 52	0 43	20 19	3 17	13 21	0 3	10 43	1 31	14 26	2 11	23 28	0 11	9 26	0 23	17 30	3 21	8 35	9 8	7 25	9 20	1 49
T 26	1 21	0n10	1 41	4 59	0 25	20 40	3 23	13 34	0 2	10 41	1 31	14 28	2 11	23 28	0 11	9 27	0 23	17 30	3 21	8 36	9 9	7 28	9 19	1 49
W27	1 44	5 44	2 40	5 1	0 8	21 1	3 29	13 47	0 2	10 39	1 31	14 30	2 11	23 28	0 11	9 27	0 23	17 30	3 21	8 37	9 10	7 32	9 18	1 49
T 28	2 7	11 6	3 32	5 0	0n 8	21 21	3 35	14 1	0 1	10 36	1 31	14 32	2 11	23 28	0 11	9 28	0 23	17 29	3 21	8 38	9 12	7 35	9 17	1 49
F 29	2 29	16 5	4 14	4 54	0 22	21 41	3 41	14 14	0 0	10 34	1 31	14 34	2 11	23 28	0 11	9 28	0 23	17 29	3 21	8 40	9 13	7 38	9 16	1 48
S 30	2s52	20n28	4n46	4n44	0n36	22s 0	3s47	14s27	0s 0	10n32	1s31	14s35	2n11	23s28	0s11	9s29	0s23	17n29	3s21	8s42	9s14	7n41	9n15	1n48

Julian Day Number = 2875834.5, Delta T = 01h13m48s
Ecliptic obliquity = 23°17'29, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°00'29, Lahiri = 40°07'30

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ASTRODIENST EPHEMERIS for the year 3161
geocentric

OCTOBER 3161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 39 47	8♎15'19	25♉57	20♍27	23♏37	9♏46	1°R30	16♏38	0♑48	6°R20	26♋15	7°R26	6♓ 1	12♈32	19°R27	S 1
M 2	0 43 44	9°13'41	8♊ 7	21°38	24°28	10°26	1♉23	16°44	0°49	6♓18	26°16	7♓21	5°57	12°38	19♈24	M 2
T 3	0 47 40	10°12'05	20°30	22°56	25°18	11° 5	1°16	16°51	0°50	6°17	26°16	7°18	5°54	12°45	19°22	T 3
W 4	0 51 37	11°10'31	3♋ 8	24°19	26° 8	11°45	1° 9	16°57	0°52	6°16	26°17	7°17	5°51	12°52	19°19	W 4
T 5	0 55 33	12° 8'59	16° 5	25°47	26°57	12°24	1° 2	17° 4	0°53	6°15	26°17	7°D16	5°48	12°58	19°16	T 5
F 6	0 59 30	13° 7'30	29°24	27°20	27°45	13° 4	0°54	17°10	0°54	6°13	26°18	7°17	5°45	13° 5	19°14	F 6
S 7	1 3 26	14° 6'02	13♌ 9	28°56	28°33	13°44	0°47	17°16	0°56	6°12	26°18	7°19	5°42	13°12	19°11	S 7
S 8	1 7 23	15° 4'37	27°20	0♎35	29°19	14°23	0°39	17°23	0°57	6°11	26°19	7°20	5°38	13°18	19° 8	S 8
M 9	1 11 20	16° 3'13	11♍56	2°18	0♐ 5	15° 3	0°32	17°29	0°59	6°10	26°19	7°R20	5°35	13°25	19° 6	M 9
T 10	1 15 16	17° 1'51	26°53	4° 2	0°50	15°43	0°24	17°36	1° 0	6° 9	26°19	7°19	5°32	13°32	19° 3	T 10
W11	1 19 13	18° 0'32	12♎ 4	5°48	1°34	16°23	0°17	17°43	1° 2	6° 7	26°20	7°15	5°29	13°38	19° 0	W11
T 12	1 23 9	18°59'14	27°20	7°35	2°18	17° 3	0° 9	17°49	1° 3	6° 6	26°20	7°10	5°26	13°45	18°57	T 12
F 13	1 27 6	19°57'59	12♏30	9°23	3° 0	17°43	0° 1	17°56	1° 5	6° 5	26°21	7° 4	5°23	13°52	18°55	F 13
S 14	1 31 2	20°56'45	27°23	11°12	3°41	18°23	29♈53	18° 3	1° 7	6° 4	26°21	6°58	5°19	13°58	18°52	S 14
S 15	1 34 59	21°55'33	11♐53	13° 2	4°21	19° 4	29°45	18°10	1° 9	6° 3	26°21	6°51	5°16	14° 5	18°49	S 15
M16	1 38 55	22°54'23	25°56	14°51	5° 0	19°44	29°37	18°16	1°11	6° 2	26°21	6°47	5°13	14°12	18°47	M16
T 17	1 42 52	23°53'14	9♑29	16°41	5°38	20°24	29°29	18°23	1°13	6° 1	26°22	6°44	5°10	14°18	18°44	T 17
W18	1 46 49	24°52'07	22°34	18°30	6°15	21° 5	29°21	18°30	1°14	6° 0	26°22	6°D43	5° 7	14°25	18°41	W18
T 19	1 50 45	25°51'01	5♒16	20°19	6°50	21°45	29°13	18°37	1°16	5°59	26°22	6°43	5° 3	14°32	18°39	T 19
F 20	1 54 42	26°49'58	17°37	22° 7	7°25	22°26	29° 5	18°44	1°18	5°59	26°22	6°44	5° 0	14°38	18°36	F 20
S 21	1 58 38	27°48'55	29°44	23°55	7°57	23° 6	28°57	18°51	1°21	5°58	26°22	6°45	4°57	14°45	18°33	S 21
S 22	2 2 35	28°47'55	11♓41	25°43	8°29	23°47	28°49	18°58	1°23	5°57	26°22	6°R45	4°54	14°52	18°31	S 22
M23	2 6 31	29°46'56	23°32	27°29	8°59	24°27	28°41	19° 5	1°25	5°56	26°23	6°44	4°51	14°58	18°28	M23
T 24	2 10 28	0♏45'59	5♈20	29°15	9°27	25° 8	28°33	19°12	1°27	5°55	26°23	6°40	4°48	15° 5	18°25	T 24
W25	2 14 24	1°45'04	17° 9	1♏ 1	9°54	25°49	28°25	19°19	1°29	5°55	26°23	6°33	4°44	15°12	18°23	W25
T 26	2 18 21	2°44'11	29° 2	2°45	10°19	26°30	28°17	19°26	1°32	5°54	26°23	6°25	4°41	15°18	18°20	T 26
F 27	2 22 17	3°43'20	10♉59	4°29	10°43	27°11	28° 9	19°33	1°34	5°53	26°R23	6°14	4°38	15°25	18°18	F 27
S 28	2 26 14	4°42'31	23° 2	6°12	11° 5	27°52	28° 1	19°40	1°36	5°52	26°23	6° 3	4°35	15°32	18°15	S 28
S 29	2 30 11	5°41'44	5♊12	7°54	11°25	28°33	27°53	19°47	1°39	5°52	26°23	5°52	4°32	15°38	18°12	S 29
M30	2 34 7	6°40'59	17°31	9°36	11°43	29°14	27°45	19°54	1°41	5°51	26°23	5°42	4°29	15°45	18°10	M30
T 31	2 38 4	7♏40'17	0♋ 0	11♏17	11♐59	29♏55	27♈37	20♏ 2	1♑44	5♓51	26♋23	5♓34	4♓25	15♈52	18♈ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s15	24n 5	5n 6	4n31	0n49	22s19	3s53	14s40	0s 1	10n29	1s32	14s37	2n10	23s28	0s11	9s29	0s23	17n29	3s21	8s44	9s15	7n45	9n14	1n48
M 2	3 38	26 40	5 12	4 13	1 0	22 38	3 59	14 53	0 2	10 27	1 32	14 39	2 10	23 28	0 11	9 30	0 23	17 29	3 21	8 45	9 16	7 48	9 13	1 48
T 3	4 1	28 0	5 4	3 52	1 10	22 56	4 5	15 6	0 2	10 24	1 32	14 41	2 10	23 28	0 11	9 30	0 23	17 29	3 21	8 47	9 17	7 51	9 12	1 48
W 4	4 24	27 56	4 41	3 28	1 19	23 13	4 10	15 18	0 3	10 22	1 32	14 43	2 10	23 28	0 11	9 31	0 23	17 29	3 21	8 47	9 19	7 54	9 11	1 48
T 5	4 46	26 22	4 4	3 0	1 27	23 31	4 16	15 31	0 3	10 19	1 32	14 45	2 10	23 28	0 11	9 31	0 23	17 29	3 21	8 47	9 20	7 58	9 10	1 48
F 6	5 9	23 17	3 12	2 30	1 34	23 47	4 22	15 44	0 4	10 17	1 32	14 47	2 10	23 28	0 11	9 31	0 23	17 28	3 21	8 47	9 21	8 1	9 9	1 48
S 7	5 32	18 49	2 8	1 57	1 39	24 4	4 28	15 56	0 5	10 14	1 32	14 49	2 10	23 28	0 11	9 32	0 23	17 28	3 21	8 46	9 22	8 4	9 8	1 48
S 8	5 54	13 10	0 54	1 21	1 44	24 20	4 33	16 8	0 5	10 11	1 32	14 51	2 9	23 28	0 11	9 32	0 23	17 28	3 21	8 46	9 23	8 7	9 7	1 48
M 9	6 17	6 39	0s25	0 44	1 47	24 35	4 39	16 21	0 6	10 9	1 32	14 53	2 9	23 28	0 11	9 33	0 23	17 28	3 21	8 46	9 24	8 11	9 6	1 48
T 10	6 39	0s22	1 44	0 5	1 50	24 50	4 44	16 33	0 6	10 6	1 32	14 55	2 9	23 28	0 11	9 33	0 23	17 28	3 21	8 46	9 26	8 14	9 5	1 48
W11	7 1	7 28	2 57	0s35	1 51	25 5	4 50	16 45	0 7	10 3	1 32	14 56	2 9	23 28	0 11	9 34	0 23	17 28	3 21	8 48	9 27	8 17	9 4	1 48
T 12	7 23	14 10	3 58	1 17	1 52	25 19	4 55	16 57	0 8	10 1	1 33	14 58	2 9	23 28	0 11	9 34	0 23	17 28	3 21	8 49	9 28	8 20	9 2	1 48
F 13	7 46	19 57	4 41	1 59	1 52	25 32	5 0	17 9	0 8	9 58	1 33	15 0	2 9	23 28	0 11	9 34	0 23	17 28	3 21	8 52	9 29	8 24	9 1	1 48
S 14	8 8	24 24	5 5	2 43	1 51	25 45	5 6	17 20	0 9	9 55	1 33	15 2	2 9	23 28	0 11	9 35	0 23	17 28	3 21	8 54	9 30	8 27	9 0	1 47
S 15	8 29	27 9	5 8	3 26	1 49	25 58	5 11	17 32	0 10	9 52	1 33	15 4	2 9	23 28	0 11	9 35	0 23	17 28	3 21	8 56	9 31	8 30	8 59	1 47
M16	8 51	28 6	4 52	4 11	1 47	26 10	5 15	17 43	0 10	9 49	1 33	15 6	2 9	23 28	0 11	9 35	0 23	17 28	3 21	8 58	9 32	8 33	8 58	1 47
T 17	9 13	27 17	4 20	4 55	1 44	26 22	5 20	17 55	0 11	9 47	1 33	15 8	2 8	23 28	0 11	9 36	0 23	17 27	3 21	8 59	9 34	8 36	8 57	1 47
W18	9 34	24 58	3 36	5 39	1 40	26 33	5 25	18 6	0 11	9 44	1 33	15 10	2 8	23 28	0 11	9 36	0 23	17 27	3 21	9 0	9 35	8 40	8 56	1 47
T 19	9 56	21 27	2 42	6 24	1 37	26 44	5 29	18 17	0 12	9 41	1 33	15 12	2 8	23 28	0 11	9 37	0 23	17 27	3 21	8 59	9 36	8 43	8 55	1 47
F 20	10 17	17 4	1 41	7 8	1 32	26 54	5 34	18 28	0 13	9 38	1 33	15 14	2 8	23 28	0 11	9 37	0 23	17 27	3 21	8 59	9 37	8 46	8 54	1 47
S 21	10 38	12 5	0 38	7 52	1 28	27 3	5 38	18 39	0 13	9 35	1 33	15 16	2 8	23 28	0 11	9 37	0 23	17 27	3 21	8 59	9 38	8 49	8 53	1 47
S 22	10 59	6 44	0n26	8 35	1 23	27 13	5 42	18 49	0 14	9 33	1 33	15 18	2 8	23 28	0 11	9 37	0 23	17 27	3 21	8 59	9 39	8 53	8 52	1 47
M23	11 20	1 11	1 29	9 19	1 18	27 21	5 46	19 0	0 14	9 30	1 33	15 20	2 8	23 28	0 11	9 38	0 23	17 27	3 21	8 59	9 41	8 56	8 50	1 47
T 24	11 40	4n22	2 27	10 1	1 12	27 29	5 49	19 10	0 15	9 27	1 33	15 22	2 8	23 28	0 11	9 38	0 23	17 27	3 21	9 1	9 42	8 59	8 49	1 47
W25	12 1	9 46	3 19	10 43	1 6	27 37	5 53	19 21	0 15	9 24	1 33	15 24	2 8	23 28	0 11	9 38	0 23	17 27	3 21	9 3	9 43	9 2	8 48	1 47
T 26	12 21	14 50	4 2	11 25	1 0	27 44	5 56	19 31	0 16	9 21	1 33	15 26	2 8	23 28	0 11	9 39	0 23	17 27	3 21	9 6	9 44	9 5	8 47	1 46
F 27	12 41	19 23	4 35	12 5	0 54	27 50	5 59	19 41	0 17	9 19	1 32	15 28	2 8	23 28	0 11	9 39	0 23	17 27	3 21	9 10	9 45	9 8	8 46	1 46
S 28	13 1	23 11	4 56	12 45	0 48	27 56	6 1	19 50	0 17	9 16	1 32	15 30	2 7	23 28	0 11	9 39	0 23	17 27	3 21	9 14	9 46	9 12	8 45	1 46
S 29	13 20	26 1	5 4	13 25	0 41	28 1	6 4	20 0	0 18	9 13	1 32	15 32	2 7	23 28	0 11	9 39	0 23	17 27	3 21	9 18	9 47	9 15	8 44	1 46
M30	13 40	27 39	4 57	14 3	0 35	28 5	6 6	20 10	0 18	9 10	1 32	15 34	2 7	23 28	0 11	9 40	0 23	17 27	3 21	9 22	9 49	9 18	8 43	1 46
T 31	13s59	27n54	4n37	14s41	0n28	28s 9	6s 8	20s19	0s19	9n 8	1s32	15s36	2n 7	23s28	0s11	9s40	0s23	17n27	3s21	9s25	9s50	9n21	8n42	1n46

Julian Day Number = 2875864.5, Delta T = 01h13m48s
Ecliptic obliquity = 23°17'29, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°00'34, Lahiri = 40°07'34

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ASTRODIENST EPHEMERIS for the year 3161
geocentric

NOVEMBER 3161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 42 0	8♏39'36	12♋42	12♏57	12♐13	0♐36	27°R30	20♏ 9	1♑46	5°R50	26°R22	5°R28	4♓22	15♈58	18°R 5	W 1
T 2	2 45 57	9°38'58	25°39	14°36	12°25	1°17	27♈22	20°16	1°49	5♓50	26♋22	5♓25	4°19	16° 5	18♈ 2	T 2
F 3	2 49 53	10°38'22	8♌54	16°15	12°35	1°59	27°14	20°23	1°51	5°49	26°22	5°D24	4°16	16°12	18° 0	F 3
S 4	2 53 50	11°37'48	22°29	17°53	12°43	2°40	27° 7	20°30	1°54	5°49	26°22	5°25	4°13	16°19	17°58	S 4
S 5	2 57 46	12°37'17	6♍26	19°30	12°49	3°22	26°59	20°38	1°57	5°48	26°22	5°R25	4° 9	16°25	17°55	S 5
M 6	3 1 43	13°36'47	20°47	21° 7	12°52	4° 3	26°52	20°45	1°59	5°48	26°22	5°24	4° 6	16°32	17°53	M 6
T 7	3 5 40	14°36'20	5♎29	22°43	12°R53	4°45	26°44	20°52	2° 2	5°48	26°21	5°21	4° 3	16°39	17°50	T 7
W 8	3 9 36	15°35'55	20°27	24°19	12°52	5°26	26°37	20°59	2° 5	5°47	26°21	5°15	4° 0	16°45	17°48	W 8
T 9	3 13 33	16°35'32	5♏34	25°53	12°48	6° 8	26°30	21° 7	2° 8	5°47	26°21	5° 7	3°57	16°52	17°46	T 9
F 10	3 17 29	17°35'12	20°40	27°28	12°42	6°50	26°23	21°14	2°11	5°47	26°20	4°57	3°54	16°59	17°44	F 10
S 11	3 21 26	18°34'53	5♐35	29° 1	12°34	7°32	26°16	21°21	2°13	5°46	26°20	4°45	3°50	17° 5	17°41	S 11
S 12	3 25 22	19°34'36	20°10	0♐35	12°23	8°14	26° 9	21°28	2°16	5°46	26°20	4°35	3°47	17°12	17°39	S 12
M13	3 29 19	20°34'21	4♑19	2° 7	12° 9	8°56	26° 3	21°36	2°19	5°46	26°19	4°26	3°44	17°19	17°37	M13
T 14	3 33 16	21°34'07	17°58	3°39	11°54	9°38	25°56	21°43	2°22	5°46	26°19	4°19	3°41	17°25	17°35	T 14
W15	3 37 12	22°33'56	1♒ 9	5°11	11°36	10°20	25°50	21°50	2°25	5°46	26°18	4°16	3°38	17°32	17°33	W15
T 16	3 41 9	23°33'45	13°53	6°42	11°15	11° 2	25°43	21°58	2°28	5°46	26°18	4°14	3°35	17°39	17°31	T 16
F 17	3 45 5	24°33'37	26°16	8°13	10°53	11°44	25°37	22° 5	2°31	5°D46	26°18	4°D14	3°31	17°45	17°29	F 17
S 18	3 49 2	25°33'29	8♓22	9°43	10°28	12°26	25°31	22°12	2°34	5°46	26°17	4°R14	3°28	17°52	17°27	S 18
S 19	3 52 58	26°33'24	20°17	11°12	10° 1	13° 8	25°25	22°19	2°38	5°46	26°17	4°13	3°25	17°59	17°25	S 19
M20	3 56 55	27°33'20	2♈ 7	12°41	9°32	13°51	25°20	22°27	2°41	5°46	26°16	4°10	3°22	18° 5	17°23	M20
T 21	4 0 51	28°33'17	13°55	14°10	9° 2	14°33	25°14	22°34	2°44	5°46	26°15	4° 5	3°19	18°12	17°21	T 21
W22	4 4 48	29°33'17	25°46	15°38	8°30	15°16	25° 9	22°41	2°47	5°46	26°15	3°56	3°15	18°19	17°19	W22
T 23	4 8 44	0♐33'18	7♉43	17° 5	7°57	15°58	25° 4	22°48	2°50	5°46	26°14	3°45	3°12	18°25	17°17	T 23
F 24	4 12 41	1°33'20	19°48	18°32	7°23	16°41	24°59	22°56	2°54	5°47	26°14	3°32	3° 9	18°32	17°16	F 24
S 25	4 16 38	2°33'25	2♊ 2	19°58	6°47	17°23	24°54	23° 3	2°57	5°47	26°13	3°18	3° 6	18°39	17°14	S 25
S 26	4 20 34	3°33'31	14°27	21°24	6°11	18° 6	24°49	23°10	3° 0	5°47	26°12	3° 4	3° 3	18°46	17°12	S 26
M27	4 24 31	4°33'39	27° 1	22°49	5°35	18°49	24°45	23°17	3° 4	5°48	26°12	2°51	3° 0	18°52	17°11	M27
T 28	4 28 27	5°33'49	9♋46	24°13	4°58	19°32	24°40	23°24	3° 7	5°48	26°11	2°40	2°56	18°59	17° 9	T 28
W29	4 32 24	6°34'01	22°41	25°37	4°22	20°14	24°36	23°32	3°10	5°48	26°10	2°32	2°53	19° 6	17° 8	W29
T 30	4 36 20	7♐34'14	5♌48	26♐59	3♐45	20♐57	24♈32	23♏39	3♑14	5♓49	26♋10	2♓28	2♓50	19♈12	17♈ 6	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s18	26n43	4n 2	15s18	0n21	28s13	6s 9	20s28	0s20	9n 5	1s32	15s38	2n 7	23s28	0s11	9s40	0s23	17n27	3s21	9s27	9s51	9n24	8n41	1n46
T 2	14 37	24 5	3 15	15 54	0 14	28 15	6 10	20 37	0 20	9 2	1 32	15 39	2 7	23 28	0 11	9 40	0 23	17 27	3 21	9 28	9 52	9 28	8 40	1 46
F 3	14 55	20 7	2 16	16 29	0 7	28 17	6 10	20 46	0 21	9 0	1 32	15 41	2 7	23 28	0 11	9 40	0 23	17 27	3 21	9 28	9 53	9 31	8 39	1 46
S 4	15 14	15 1	1 8	17 3	0 0	28 18	6 11	20 55	0 21	8 57	1 32	15 43	2 7	23 28	0 11	9 40	0 23	17 27	3 21	9 28	9 54	9 34	8 38	1 45
S 5	15 32	9 1	0s 5	17 36	0s 6	28 19	6 10	21 3	0 22	8 55	1 32	15 45	2 7	23 28	0 11	9 41	0 23	17 27	3 21	9 28	9 55	9 37	8 37	1 45
M 6	15 50	2 24	1 21	18 8	0 13	28 19	6 10	21 12	0 22	8 52	1 31	15 47	2 7	23 28	0 11	9 41	0 23	17 27	3 22	9 28	9 57	9 40	8 36	1 45
T 7	16 7	4s30	2 32	18 40	0 20	28 18	6 9	21 20	0 23	8 50	1 31	15 49	2 7	23 28	0 11	9 41	0 23	17 27	3 22	9 30	9 58	9 43	8 35	1 45
W 8	16 25	11 15	3 35	19 10	0 27	28 16	6 7	21 28	0 23	8 47	1 31	15 51	2 7	23 28	0 11	9 41	0 23	17 27	3 22	9 32	9 59	9 47	8 34	1 45
T 9	16 42	17 25	4 23	19 40	0 34	28 13	6 5	21 36	0 24	8 45	1 31	15 53	2 7	23 27	0 11	9 41	0 23	17 27	3 22	9 35	10 0	9 50	8 33	1 45
F 10	16 58	22 30	4 52	20 8	0 41	28 10	6 2	21 43	0 25	8 42	1 31	15 55	2 7	23 27	0 11	9 41	0 23	17 27	3 22	9 38	10 1	9 53	8 32	1 45
S 11	17 15	26 3	5 1	20 35	0 47	28 5	5 58	21 51	0 25	8 40	1 31	15 57	2 7	23 27	0 11	9 41	0 23	17 27	3 22	9 42	10 2	9 56	8 31	1 45
S 12	17 31	27 46	4 51	21 1	0 54	28 0	5 54	21 58	0 26	8 38	1 31	15 59	2 7	23 27	0 11	9 41	0 23	17 27	3 22	9 46	10 4	9 59	8 30	1 44
M13	17 47	27 35	4 22	21 27	1 0	27 53	5 50	22 5	0 26	8 35	1 30	16 1	2 7	23 27	0 11	9 41	0 23	17 27	3 22	9 50	10 5	10 2	8 29	1 44
T 14	18 3	25 43	3 39	21 51	1 7	27 46	5 44	22 12	0 27	8 33	1 30	16 2	2 7	23 27	0 11	9 41	0 23	17 27	3 22	9 52	10 6	10 6	8 28	1 44
W15	18 18	22 28	2 46	22 14	1 13	27 37	5 39	22 19	0 27	8 31	1 30	16 4	2 7	23 27	0 11	9 41	0 23	17 27	3 22	9 53	10 7	10 9	8 27	1 44
T 16	18 33	18 15	1 46	22 36	1 19	27 28	5 32	22 25	0 28	8 29	1 30	16 6	2 7	23 27	0 11	9 41	0 23	17 27	3 22	9 54	10 8	10 12	8 26	1 44
F 17	18 48	13 21	0 42	22 57	1 25	27 17	5 25	22 31	0 28	8 27	1 30	16 8	2 7	23 27	0 11	9 41	0 23	17 28	3 22	9 54	10 9	10 15	8 25	1 44
S 18	19 2	8 3	0n22	23 16	1 31	27 6	5 17	22 37	0 29	8 25	1 29	16 10	2 7	23 27	0 11	9 41	0 23	17 28	3 22	9 54	10 10	10 18	8 24	1 44
S 19	19 16	2 32	1 24	23 35	1 37	26 53	5 8	22 43	0 29	8 23	1 29	16 12	2 7	23 27	0 11	9 41	0 23	17 28	3 22	9 54	10 12	10 21	8 23	1 44
M20	19 30	3n 0	2 22	23 52	1 43	26 40	4 58	22 49	0 30	8 21	1 29	16 14	2 7	23 27	0 11	9 41	0 23	17 28	3 22	9 55	10 13	10 24	8 23	1 43
T 21	19 43	8 26	3 13	24 9	1 48	26 25	4 48	22 55	0 31	8 20	1 29	16 15	2 7	23 27	0 11	9 41	0 23	17 28	3 22	9 57	10 14	10 27	8 22	1 43
W22	19 56	13 34	3 57	24 24	1 53	26 9	4 38	23 0	0 31	8 18	1 29	16 17	2 7	23 27	0 11	9 41	0 23	17 28	3 22	10 0	10 15	10 31	8 21	1 43
T 23	20 8	18 15	4 30	24 38	1 58	25 53	4 26	23 5	0 32	8 16	1 28	16 19	2 7	23 27	0 11	9 41	0 23	17 28	3 22	10 4	10 16	10 34	8 20	1 43
F 24	20 21	22 15	4 51	24 50	2 3	25 35	4 14	23 10	0 32	8 15	1 28	16 21	2 7	23 27	0 11	9 41	0 23	17 28	3 22	10 9	10 17	10 37	8 19	1 43
S 25	20 33	25 20	4 59	25 2	2 7	25 17	4 2	23 14	0 33	8 13	1 28	16 23	2 7	23 27	0 11	9 41	0 23	17 28	3 22	10 14	10 18	10 40	8 19	1 43
S 26	20 44	27 15	4 54	25 12	2 12	24 57	3 48	23 19	0 33	8 12	1 28	16 24	2 7	23 27	0 11	9 41	0 23	17 28	3 22	10 19	10 19	10 43	8 18	1 43
M27	20 55	27 49	4 34	25 21	2 15	24 37	3 35	23 23	0 34	8 10	1 27	16 26	2 7	23 26	0 11	9 41	0 23	17 28	3 22	10 24	10 21	10 46	8 17	1 42
T 28	21 6	26 55	4 0	25 29	2 19	24 17	3 21	23 27	0 34	8 9	1 27	16 28	2 7	23 26	0 11	9 41	0 23	17 29	3 22	10 28	10 22	10 49	8 16	1 42
W29	21 16	24 34	3 13	25 35	2 22	23 56	3 6	23 31	0 35	8 7	1 27	16 30	2 7	23 26	0 11	9 41	0 23	17 29	3 22	10 30	10 23	10 52	8 16	1 42
T 30	21s26	20n54	2n16	25s41	2s25	23s35	2s51	23s34	0s35	8n 6	1s27	16s31	2n 7	23s26	0s11	9s40	0s23	17n29	3s22	10s32	10s24	10n56	8n15	1n42

Julian Day Number = 2875895.5, Delta T = 01h13m49s
Ecliptic obliquity = 23°17'29, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°00'38, Lahiri = 40°07'38

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ASTRODIENST EPHEMERIS for the year 3161
geocentric

DECEMBER 3161 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 40 17	8♐34'30	19♌ 8	28♐21	3°R10	21♐40	24°R29	23♏46	3♑17	5♓49	26°R 9	2°R26	2♓47	19♈19	17°R 5	F 1
S 2	4 44 14	9°34'47	2♍42	29°42	2♐35	22°23	24♈25	23°53	3°21	5°50	26♋ 8	2♓25	2°44	19°26	17♈ 3	S 2
S 3	4 48 10	10°35'06	16°32	1♑ 1	2° 1	23° 6	24°22	24° 0	3°24	5°50	26° 7	2°25	2°41	19°32	17° 2	S 3
M 4	4 52 7	11°35'28	0♎38	2°19	1°28	23°50	24°18	24° 7	3°27	5°51	26° 6	2°24	2°37	19°39	17° 1	M 4
T 5	4 56 3	12°35'51	15° 0	3°36	0°57	24°33	24°15	24°14	3°31	5°51	26° 6	2°21	2°34	19°46	16°59	T 5
W 6	5 0 0	13°36'16	29°36	4°51	0°28	25°16	24°13	24°21	3°34	5°52	26° 5	2°15	2°31	19°52	16°58	W 6
T 7	5 3 56	14°36'43	14♏20	6° 5	0° 0	26° 0	24°10	24°28	3°38	5°53	26° 4	2° 7	2°28	19°59	16°57	T 7
F 8	5 7 53	15°37'11	29° 6	7°16	29♏35	26°43	24° 8	24°35	3°41	5°53	26° 3	1°56	2°25	20° 6	16°56	F 8
S 9	5 11 49	16°37'41	13♐46	8°25	29°11	27°26	24° 5	24°42	3°45	5°54	26° 2	1°44	2°21	20°12	16°55	S 9
S 10	5 15 46	17°38'13	28°11	9°31	28°50	28°10	24° 3	24°49	3°49	5°55	26° 1	1°33	2°18	20°19	16°54	S 10
M11	5 19 43	18°38'46	12♑15	10°34	28°31	28°53	24° 2	24°56	3°52	5°56	26° 0	1°23	2°15	20°26	16°53	M11
T 12	5 23 39	19°39'21	25°53	11°33	28°14	29°37	24° 0	25° 3	3°56	5°56	25°59	1°16	2°12	20°33	16°52	T 12
W13	5 27 36	20°39'56	9♒ 6	12°29	27°59	0♑21	23°59	25°10	3°59	5°57	25°58	1°11	2° 9	20°39	16°51	W13
T 14	5 31 32	21°40'33	21°53	13°20	27°47	1° 5	23°58	25°17	4° 3	5°58	25°57	1° 9	2° 6	20°46	16°50	T 14
F 15	5 35 29	22°41'11	4♓19	14° 6	27°38	1°48	23°57	25°23	4° 7	5°59	25°56	1°D 8	2° 2	20°53	16°50	F 15
S 16	5 39 25	23°41'49	16°28	14°47	27°31	2°32	23°56	25°30	4°10	6° 0	25°55	1° 9	1°59	20°59	16°49	S 16
S 17	5 43 22	24°42'29	28°25	15°21	27°26	3°16	23°55	25°37	4°14	6° 1	25°54	1°R 9	1°56	21° 6	16°48	S 17
M18	5 47 18	25°43'10	10♈15	15°47	27°D24	4° 0	23°55	25°43	4°17	6° 2	25°53	1° 8	1°53	21°13	16°48	M18
T 19	5 51 15	26°43'52	22° 5	16° 6	27°25	4°44	23°D55	25°50	4°21	6° 3	25°52	1° 4	1°50	21°19	16°47	T 19
W20	5 55 12	27°44'35	3♉58	16°R15	27°27	5°28	23°55	25°57	4°25	6° 4	25°51	0°59	1°47	21°26	16°47	W20
T 21	5 59 8	28°45'18	15°59	16°15	27°33	6°12	23°55	26° 3	4°28	6° 5	25°50	0°50	1°43	21°33	16°46	T 21
F 22	6 3 5	29°46'03	28°11	16° 5	27°40	6°56	23°56	26°10	4°32	6° 7	25°49	0°40	1°40	21°39	16°46	F 22
S 23	6 7 1	0♑46'49	10♊36	15°44	27°50	7°41	23°57	26°16	4°36	6° 8	25°48	0°29	1°37	21°46	16°45	S 23
S 24	6 10 58	1°47'36	23°15	15°11	28° 2	8°25	23°58	26°22	4°39	6° 9	25°47	0°17	1°34	21°53	16°45	S 24
M25	6 14 54	2°48'24	6♋ 8	14°27	28°16	9° 9	23°59	26°29	4°43	6°10	25°46	0° 7	1°31	22° 0	16°45	M25
T 26	6 18 51	3°49'13	19°14	13°33	28°32	9°53	24° 0	26°35	4°47	6°11	25°45	29♒58	1°27	22° 6	16°45	T 26
W27	6 22 48	4°50'03	2♌32	12°28	28°50	10°38	24° 2	26°41	4°51	6°13	25°44	29°53	1°24	22°13	16°45	W27
T 28	6 26 44	5°50'54	16° 0	11°16	29°11	11°22	24° 3	26°48	4°54	6°14	25°42	29°49	1°21	22°20	16°D45	T 28
F 29	6 30 41	6°51'46	29°38	9°57	29°33	12° 7	24° 5	26°54	4°58	6°15	25°41	29°D48	1°18	22°26	16°45	F 29
S 30	6 34 37	7°52'40	13♍25	8°35	29°57	12°51	24° 8	27° 0	5° 2	6°17	25°40	29°49	1°15	22°33	16°45	S 30
S 31	6 38 34	8♑53'34	27♍20	7♑12	0♐23	13♑36	24♈10	27♏ 6	5♑ 5	6♓18	25♋39	29♒50	1♓12	22♈40	16♈45	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s36	16n 6	1n10	25s45	2s28	23s13	2s36	23s38	0s36	8n 5	1s27	16s33	2n 7	23s26	0s11	9s40	0s23	17n29	3s22	10s33	10s25	10n59	8n14	1n42
S 2	21 45	10 25	0s 1	25 48	2 30	22 51	2 21	23 41	0 36	8 4	1 26	16 35	2 7	23 26	0 11	9 40	0 23	17 29	3 22	10 33	10 26	11 2	8 14	1 42
S 3	21 54	4 9	1 14	25 49	2 32	22 29	2 6	23 43	0 37	8 3	1 26	16 36	2 7	23 26	0 11	9 40	0 23	17 29	3 22	10 33	10 27	11 5	8 13	1 42
M 4	22 2	2s27	2 23	25 50	2 33	22 8	1 50	23 46	0 37	8 2	1 26	16 38	2 7	23 26	0 11	9 40	0 23	17 29	3 22	10 33	10 29	11 8	8 12	1 41
T 5	22 10	9 1	3 25	25 49	2 34	21 46	1 35	23 48	0 38	8 1	1 25	16 40	2 7	23 26	0 11	9 39	0 23	17 30	3 22	10 34	10 30	11 11	8 12	1 41
W 6	22 18	15 13	4 14	25 47	2 34	21 25	1 19	23 51	0 38	8 1	1 25	16 41	2 7	23 26	0 11	9 39	0 23	17 30	3 22	10 36	10 31	11 14	8 11	1 41
T 7	22 25	20 36	4 47	25 43	2 34	21 4	1 4	23 53	0 39	8 0	1 25	16 43	2 7	23 26	0 11	9 39	0 23	17 30	3 22	10 40	10 32	11 17	8 10	1 41
F 8	22 31	24 43	5 0	25 39	2 33	20 44	0 49	23 54	0 39	7 59	1 25	16 45	2 7	23 26	0 11	9 39	0 22	17 30	3 22	10 43	10 33	11 20	8 10	1 41
S 9	22 37	27 11	4 54	25 33	2 32	20 24	0 34	23 56	0 40	7 59	1 24	16 46	2 7	23 25	0 11	9 38	0 22	17 30	3 22	10 48	10 34	11 23	8 9	1 41
S 10	22 43	27 46	4 29	25 26	2 30	20 5	0 19	23 57	0 40	7 58	1 24	16 48	2 7	23 25	0 11	9 38	0 22	17 30	3 22	10 52	10 35	11 26	8 9	1 40
M11	22 49	26 31	3 49	25 19	2 27	19 47	0 5	23 58	0 41	7 58	1 24	16 49	2 7	23 25	0 11	9 38	0 22	17 31	3 22	10 55	10 37	11 29	8 8	1 40
T 12	22 53	23 43	2 55	25 10	2 23	19 29	0n 9	23 59	0 41	7 58	1 24	16 51	2 7	23 25	0 11	9 37	0 22	17 31	3 22	10 58	10 38	11 33	8 8	1 40
W13	22 58	19 43	1 54	25 0	2 18	19 13	0 23	23 59	0 42	7 57	1 23	16 53	2 7	23 25	0 11	9 37	0 22	17 31	3 22	10 59	10 39	11 36	8 7	1 40
T 14	23 2	14 54	0 49	24 49	2 12	18 57	0 36	23 59	0 42	7 57	1 23	16 54	2 7	23 25	0 11	9 37	0 22	17 31	3 22	11 0	10 40	11 39	8 7	1 40
F 15	23 5	9 36	0n17	24 38	2 6	18 43	0 49	23 59	0 42	7 57	1 23	16 56	2 7	23 25	0 11	9 37	0 22	17 31	3 22	11 0	10 41	11 42	8 6	1 40
S 16	23 9	4 4	1 21	24 26	1 58	18 29	1 2	23 59	0 43	7 57	1 22	16 57	2 8	23 25	0 11	9 36	0 22	17 31	3 22	11 0	10 42	11 45	8 6	1 40
S 17	23 11	1n31	2 20	24 13	1 49	18 16	1 14	23 58	0 43	7 57	1 22	16 59	2 8	23 25	0 11	9 36	0 22	17 32	3 22	11 0	10 43	11 48	8 6	1 39
M18	23 13	6 59	3 12	24 0	1 39	18 4	1 25	23 58	0 44	7 57	1 22	17 0	2 8	23 25	0 11	9 35	0 22	17 32	3 22	11 0	10 44	11 51	8 5	1 39
T 19	23 15	12 13	3 57	23 46	1 27	17 53	1 37	23 57	0 44	7 58	1 22	17 2	2 8	23 24	0 11	9 35	0 22	17 32	3 22	11 2	10 46	11 54	8 5	1 39
W20	23 16	17 1	4 31	23 32	1 14	17 44	1 47	23 55	0 45	7 58	1 21	17 3	2 8	23 24	0 11	9 35	0 22	17 32	3 22	11 4	10 47	11 57	8 5	1 39
T 21	23 17	21 12	4 54	23 18	1 0	17 35	1 58	23 54	0 45	7 58	1 21	17 4	2 8	23 24	0 11	9 34	0 22	17 33	3 22	11 7	10 48	12 0	8 4	1 39
F 22	23 17	24 33	5 3	23 4	0 44	17 27	2 7	23 52	0 46	7 59	1 21	17 6	2 8	23 24	0 11	9 34	0 22	17 33	3 22	11 10	10 49	12 3	8 4	1 39
S 23	23 17	26 50	4 59	22 49	0 27	17 20	2 17	23 50	0 46	7 59	1 20	17 7	2 8	23 24	0 11	9 33	0 22	17 33	3 22	11 14	10 50	12 6	8 4	1 38
S 24	23 17	27 47	4 40	22 35	0 9	17 14	2 25	23 48	0 47	8 0	1 20	17 9	2 8	23 24	0 11	9 33	0 22	17 33	3 22	11 18	10 51	12 9	8 3	1 38
M25	23 16	27 15	4 6	22 21	0n10	17 9	2 34	23 45	0 47	8 1	1 20	17 10	2 8	23 24	0 11	9 32	0 22	17 33	3 22	11 22	10 52	12 12	8 3	1 38
T 26	23 14	25 13	3 19	22 7	0 30	17 5	2 42	23 43	0 47	8 1	1 20	17 11	2 8	23 24	0 11	9 32	0 22	17 34	3 22	11 25	10 53	12 15	8 3	1 38
W27	23 12	21 45	2 21	21 53	0 50	17 1	2 49	23 40	0 48	8 2	1 19	17 13	2 9	23 24	0 11	9 32	0 22	17 34	3 22	11 27	10 55	12 18	8 3	1 38
T 28	23 10	17 6	1 13	21 39	1 10	16 59	2 56	23 37	0 48	8 3	1 19	17 14	2 9	23 23	0 11	9 31	0 22	17 34	3 22	11 28	10 56	12 21	8 3	1 38
F 29	23 7	11 33	0 1	21 26	1 29	16 57	3 3	23 33	0 49	8 4	1 19	17 15	2 9	23 23	0 11	9 31	0 22	17 34	3 22	11 28	10 57	12 24	8 3	1 37
S 30	23 4	5 22	1s13	21 14	1 47	16 56	3 9	23 29	0 49	8 5	1 18	17 16	2 9	23 23	0 11	9 30	0 22	17 35	3 21	11 28	10 58	12 27	8 2	1 37
S 31	23s 0	1s 7	2s22	21s 2	2n 4	16s55	3n15	23s25	0s49	8n 6	1s18	17s18	2n 9	23s23	0s11	9s30	0s22	17n35	3s21	11s28	10s59	12n30	8n 2	1n37

Julian Day Number = 2875925.5, Delta T = 01h13m49s
Ecliptic obliquity = 23°17'28, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°00'42, Lahiri = 40°07'43

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ASTRODIENST EPHEMERIS for the year 3162
geocentric

JANUARY 3162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 42 30	9♑54'30	11♎22	5°R51	0♐50	14♑21	24♈13	27♏12	5♑ 9	6♓20	25°R38	29°R51	1♓ 8	22♈46	16♈45	M 1
T 2	6 46 27	10°55'26	25°32	4♑34	1°20	15° 6	24°15	27°18	5°13	6°21	25♋37	29♒50	1° 5	22°53	16°45	T 2
W 3	6 50 23	11°56'24	9♏48	3°25	1°51	15°50	24°18	27°24	5°16	6°23	25°35	29°46	1° 2	23° 0	16°46	W 3
T 4	6 54 20	12°57'23	24° 7	2°24	2°23	16°35	24°21	27°30	5°20	6°24	25°34	29°41	0°59	23° 6	16°46	T 4
F 5	6 58 17	13°58'23	8♐24	1°33	2°57	17°20	24°25	27°35	5°24	6°26	25°33	29°34	0°56	23°13	16°46	F 5
S 6	7 2 13	14°59'24	22°36	0°53	3°32	18° 5	24°28	27°41	5°27	6°27	25°32	29°27	0°53	23°20	16°47	S 6
S 7	7 6 10	16° 0'26	6♑36	0°24	4° 9	18°50	24°32	27°47	5°31	6°29	25°31	29°19	0°49	23°27	16°47	S 7
M 8	7 10 6	17° 1'28	20°21	0° 5	4°47	19°35	24°36	27°52	5°34	6°30	25°29	29°13	0°46	23°33	16°48	M 8
T 9	7 14 3	18° 2'31	3♒47	29°D58	5°26	20°20	24°40	27°58	5°38	6°32	25°28	29° 8	0°43	23°40	16°49	T 9
W10	7 17 59	19° 3'34	16°52	29♐59	6° 7	21° 5	24°45	28° 3	5°42	6°34	25°27	29° 5	0°40	23°47	16°49	W10
T 11	7 21 56	20° 4'37	29°37	0♑11	6°48	21°51	24°49	28° 9	5°45	6°35	25°26	29°D 5	0°37	23°53	16°50	T 11
F 12	7 25 52	21° 5'41	12♓ 3	0°31	7°31	22°36	24°54	28°14	5°49	6°37	25°25	29° 5	0°33	24° 0	16°51	F 12
S 13	7 29 49	22° 6'45	24°13	0°58	8°15	23°21	24°59	28°19	5°52	6°39	25°23	29° 7	0°30	24° 7	16°52	S 13
S 14	7 33 46	23° 7'49	6♈12	1°33	8°59	24° 6	25° 4	28°25	5°56	6°41	25°22	29° 9	0°27	24°13	16°52	S 14
M15	7 37 42	24° 8'53	18° 4	2°13	9°45	24°52	25° 9	28°30	6° 0	6°42	25°21	29°10	0°24	24°20	16°53	M15
T 16	7 41 39	25° 9'58	29°55	2°59	10°32	25°37	25°15	28°35	6° 3	6°44	25°20	29°R10	0°21	24°27	16°54	T 16
W17	7 45 35	26°11'02	11♉49	3°50	11°20	26°23	25°20	28°40	6° 7	6°46	25°18	29° 9	0°18	24°33	16°55	W17
T 18	7 49 32	27°12'06	23°51	4°45	12° 8	27° 8	25°26	28°45	6°10	6°48	25°17	29° 6	0°14	24°40	16°57	T 18
F 19	7 53 28	28°13'11	6♊ 6	5°43	12°58	27°54	25°32	28°50	6°14	6°50	25°16	29° 2	0°11	24°47	16°58	F 19
S 20	7 57 25	29°14'15	18°37	6°46	13°48	28°39	25°38	28°54	6°17	6°52	25°15	28°57	0° 8	24°54	16°59	S 20
S 21	8 1 22	0♒15'19	1♋25	7°51	14°39	29°25	25°44	28°59	6°21	6°53	25°14	28°51	0° 5	25° 0	17° 0	S 21
M22	8 5 18	1°16'24	14°33	8°59	15°31	0♒11	25°51	29° 4	6°24	6°55	25°12	28°47	0° 2	25° 7	17° 1	M22
T 23	8 9 15	2°17'28	27°58	10° 9	16°23	0°56	25°58	29° 8	6°27	6°57	25°11	28°43	29♒59	25°14	17° 3	T 23
W24	8 13 11	3°18'32	11♌40	11°21	17°16	1°42	26° 4	29°13	6°31	6°59	25°10	28°41	29°55	25°20	17° 4	W24
T 25	8 17 8	4°19'36	25°36	12°35	18°10	2°28	26°11	29°17	6°34	7° 1	25° 9	28°D40	29°52	25°27	17° 6	T 25
F 26	8 21 4	5°20'40	9♍42	13°51	19° 5	3°14	26°19	29°21	6°38	7° 3	25° 7	28°40	29°49	25°34	17° 7	F 26
S 27	8 25 1	6°21'45	23°53	15° 9	20° 0	4° 0	26°26	29°26	6°41	7° 5	25° 6	28°41	29°46	25°40	17° 9	S 27
S 28	8 28 57	7°22'49	8♎ 8	16°28	20°56	4°46	26°33	29°30	6°44	7° 7	25° 5	28°43	29°43	25°47	17°10	S 28
M29	8 32 54	8°23'54	22°23	17°48	21°52	5°31	26°41	29°34	6°47	7° 9	25° 4	28°44	29°39	25°54	17°12	M29
T 30	8 36 51	9°24'58	6♏35	19° 9	22°49	6°18	26°49	29°38	6°51	7°11	25° 3	28°R45	29°36	26° 1	17°14	T 30
W31	8 40 47	10♒26'03	20♏42	20♑31	23♐46	7♒ 4	26♈57	29♏42	6♑54	7♓13	25♋ 1	28♒44	29♒33	26♈ 7	17♈15	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s55	7s37	3s25	20s51	2n19	16s55	3n21	23s21	0s50	8n 7	1s18	17s19	2n 9	23s23	0s11	9s29	0s22	17n35	3s21	11s27	11s 0	12n33	8n 2	1n37
T 2	22 51	13 46	4 15	20 41	2 32	16 56	3 26	23 17	0 50	8 9	1 17	17 20	2 9	23 23	0 11	9 28	0 22	17 35	3 21	11 28	11 1	12 36	8 2	1 37
W 3	22 46	19 14	4 49	20 33	2 42	16 57	3 31	23 12	0 51	8 10	1 17	17 21	2 9	23 23	0 11	9 28	0 22	17 36	3 21	11 29	11 2	12 39	8 2	1 37
T 4	22 40	23 38	5 6	20 27	2 50	16 59	3 35	23 7	0 51	8 12	1 17	17 23	2 9	23 22	0 11	9 27	0 22	17 36	3 21	11 31	11 4	12 42	8 2	1 37
F 5	22 34	26 34	5 4	20 22	2 55	17 2	3 39	23 2	0 51	8 13	1 17	17 24	2 10	23 22	0 11	9 27	0 22	17 36	3 21	11 33	11 5	12 45	8 2	1 36
S 6	22 27	27 48	4 43	20 19	2 58	17 5	3 43	22 56	0 52	8 15	1 16	17 25	2 10	23 22	0 11	9 26	0 22	17 36	3 21	11 36	11 6	12 48	8 2	1 36
S 7	22 20	27 13	4 6	20 18	2 59	17 8	3 47	22 50	0 52	8 16	1 16	17 26	2 10	23 22	0 11	9 26	0 22	17 37	3 21	11 38	11 7	12 51	8 2	1 36
M 8	22 13	24 58	3 14	20 19	2 58	17 12	3 50	22 44	0 53	8 18	1 16	17 27	2 10	23 22	0 11	9 25	0 22	17 37	3 21	11 41	11 8	12 54	8 2	1 36
T 9	22 5	21 20	2 13	20 21	2 56	17 16	3 53	22 38	0 53	8 20	1 15	17 28	2 10	23 22	0 11	9 24	0 22	17 37	3 21	11 42	11 9	12 57	8 2	1 36
W10	21 57	16 44	1 6	20 25	2 52	17 20	3 55	22 32	0 53	8 22	1 15	17 29	2 10	23 22	0 11	9 24	0 22	17 37	3 21	11 43	11 10	13 0	8 3	1 36
T 11	21 48	11 30	0n 3	20 30	2 48	17 25	3 57	22 25	0 54	8 23	1 15	17 30	2 10	23 21	0 11	9 23	0 22	17 38	3 21	11 43	11 11	13 3	8 3	1 35
F 12	21 39	5 55	1 10	20 36	2 42	17 29	3 59	22 18	0 54	8 25	1 15	17 31	2 11	23 21	0 11	9 23	0 22	17 38	3 21	11 43	11 12	13 6	8 3	1 35
S 13	21 29	0 15	2 13	20 42	2 35	17 35	4 1	22 11	0 54	8 27	1 14	17 32	2 11	23 21	0 11	9 22	0 22	17 38	3 21	11 43	11 14	13 9	8 3	1 35
S 14	21 19	5n20	3 8	20 49	2 28	17 40	4 3	22 3	0 55	8 30	1 14	17 33	2 11	23 21	0 11	9 21	0 22	17 38	3 21	11 42	11 15	13 12	8 3	1 35
M15	21 9	10 41	3 56	20 56	2 20	17 45	4 4	21 56	0 55	8 32	1 14	17 34	2 11	23 21	0 11	9 21	0 22	17 39	3 21	11 42	11 16	13 15	8 3	1 35
T 16	20 58	15 38	4 33	21 4	2 12	17 51	4 5	21 48	0 55	8 34	1 14	17 35	2 11	23 21	0 12	9 20	0 22	17 39	3 21	11 42	11 17	13 18	8 4	1 35
W17	20 47	20 1	4 58	21 11	2 3	17 57	4 5	21 40	0 56	8 36	1 13	17 36	2 11	23 21	0 12	9 19	0 22	17 39	3 21	11 42	11 18	13 21	8 4	1 34
T 18	20 35	23 38	5 11	21 18	1 55	18 3	4 6	21 31	0 56	8 39	1 13	17 37	2 11	23 20	0 12	9 19	0 22	17 39	3 21	11 43	11 19	13 24	8 4	1 34
F 19	20 23	26 17	5 10	21 25	1 46	18 8	4 6	21 23	0 56	8 41	1 13	17 38	2 12	23 20	0 12	9 18	0 22	17 40	3 21	11 44	11 20	13 27	8 4	1 34
S 20	20 11	27 42	4 54	21 31	1 37	18 14	4 6	21 14	0 57	8 43	1 12	17 39	2 12	23 20	0 12	9 17	0 22	17 40	3 21	11 46	11 21	13 30	8 5	1 34
S 21	19 58	27 41	4 24	21 36	1 28	18 20	4 6	21 5	0 57	8 46	1 12	17 40	2 12	23 20	0 12	9 17	0 22	17 40	3 20	11 48	11 22	13 33	8 5	1 34
M22	19 45	26 8	3 39	21 41	1 18	18 26	4 6	20 55	0 57	8 49	1 12	17 40	2 12	23 20	0 12	9 16	0 22	17 41	3 20	11 50	11 24	13 36	8 5	1 34
T 23	19 32	23 4	2 41	21 45	1 9	18 32	4 5	20 46	0 58	8 51	1 12	17 41	2 12	23 20	0 12	9 15	0 22	17 41	3 20	11 51	11 25	13 38	8 6	1 34
W24	19 18	18 39	1 32	21 48	1 0	18 38	4 5	20 36	0 58	8 54	1 11	17 42	2 12	23 20	0 12	9 14	0 22	17 41	3 20	11 52	11 26	13 41	8 6	1 33
T 25	19 4	13 10	0 17	21 51	0 51	18 43	4 4	20 26	0 58	8 57	1 11	17 43	2 13	23 19	0 12	9 14	0 22	17 41	3 20	11 52	11 27	13 44	8 7	1 33
F 26	18 49	6 57	1s 0	21 52	0 43	18 49	4 3	20 16	0 59	8 59	1 11	17 44	2 13	23 19	0 12	9 13	0 22	17 42	3 20	11 52	11 28	13 47	8 7	1 33
S 27	18 34	0 21	2 14	21 53	0 34	18 54	4 1	20 6	0 59	9 2	1 11	17 44	2 13	23 19	0 12	9 12	0 22	17 42	3 20	11 51	11 29	13 50	8 8	1 33
S 28	18 19	6s17	3 21	21 52	0 25	19 0	4 0	19 55	0 59	9 5	1 10	17 45	2 13	23 19	0 12	9 11	0 22	17 42	3 20	11 51	11 30	13 53	8 8	1 33
M29	18 3	12 36	4 14	21 50	0 17	19 5	3 58	19 44	0 59	9 8	1 10	17 46	2 13	23 19	0 12	9 11	0 22	17 43	3 20	11 51	11 31	13 56	8 9	1 33
T 30	17 47	18 14	4 52	21 48	0 8	19 10	3 57	19 33	1 0	9 11	1 10	17 46	2 14	23 19	0 12	9 10	0 22	17 43	3 20	11 50	11 32	13 59	8 9	1 33
W31	17s31	22s50	5s12	21s44	0n 0	19s14	3n55	19s22	1s 0	9n14	1s10	17s47	2n14	23s18	0s12	9s 9	0s23	17n43	3s20	11s50	11s34	14n 2	8n10	1n32

Julian Day Number = 2875956.5, Delta T = 01h13m50s
Ecliptic obliquity = 23°17'28, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°00'46, Lahiri = 40°07'47

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ASTRODIENST EPHEMERIS for the year 3162
geocentric

FEBRUARY 3162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 44 44	11♒27'08	4♐43	21♑55	24♐44	7♒50	27♈ 5	29♏45	6♑57	7♓16	25°R 0	28°R43	29♒30	26♈14	17♈17	T 1
F 2	8 48 40	12°28'13	18°36	23°19	25°43	8°36	27°13	29°49	7° 0	7°18	24♋59	28♒41	29°27	26°21	17°19	F 2
S 3	8 52 37	13°29'18	2♑19	24°44	26°42	9°22	27°21	29°53	7° 3	7°20	24°58	28°39	29°24	26°27	17°21	S 3
S 4	8 56 33	14°30'22	15°50	26°10	27°41	10° 8	27°30	29°56	7° 7	7°22	24°57	28°37	29°20	26°34	17°23	S 4
M 5	9 0 30	15°31'27	29° 8	27°37	28°41	10°54	27°39	29°59	7°10	7°24	24°56	28°35	29°17	26°41	17°25	M 5
T 6	9 4 26	16°32'31	12♒12	29° 4	29°41	11°41	27°47	0♐ 3	7°13	7°26	24°55	28°34	29°14	26°47	17°27	T 6
W 7	9 8 23	17°33'34	25° 0	0♒32	0♑42	12°27	27°56	0° 6	7°16	7°28	24°53	28°D34	29°11	26°54	17°29	W 7
T 8	9 12 20	18°34'37	7♓34	2° 1	1°43	13°13	28° 5	0° 9	7°19	7°31	24°52	28°34	29° 8	27° 1	17°31	T 8
F 9	9 16 16	19°35'39	19°54	3°30	2°44	14° 0	28°15	0°12	7°22	7°33	24°51	28°34	29° 5	27° 8	17°33	F 9
S 10	9 20 13	20°36'41	2♈ 2	5° 0	3°46	14°46	28°24	0°15	7°25	7°35	24°50	28°35	29° 1	27°14	17°36	S 10
S 11	9 24 9	21°37'41	14° 1	6°31	4°48	15°33	28°34	0°18	7°28	7°37	24°49	28°36	28°58	27°21	17°38	S 11
M12	9 28 6	22°38'41	25°53	8° 2	5°51	16°19	28°43	0°21	7°30	7°39	24°48	28°37	28°55	27°28	17°40	M12
T 13	9 32 2	23°39'40	7♉44	9°34	6°54	17° 6	28°53	0°24	7°33	7°42	24°47	28°37	28°52	27°34	17°42	T 13
W14	9 35 59	24°40'38	19°37	11° 7	7°57	17°52	29° 3	0°26	7°36	7°44	24°46	28°R38	28°49	27°41	17°45	W14
T 15	9 39 55	25°41'35	1♊38	12°40	9° 0	18°39	29°13	0°29	7°39	7°46	24°45	28°38	28°45	27°48	17°47	T 15
F 16	9 43 52	26°42'31	13°51	14°14	10° 4	19°25	29°23	0°31	7°42	7°48	24°44	28°37	28°42	27°54	17°50	F 16
S 17	9 47 49	27°43'26	26°20	15°49	11° 8	20°12	29°33	0°34	7°44	7°51	24°43	28°37	28°39	28° 1	17°52	S 17
S 18	9 51 45	28°44'20	9♋10	17°24	12°12	20°58	29°44	0°36	7°47	7°53	24°42	28°D37	28°36	28° 8	17°55	S 18
M19	9 55 42	29°45'12	22°22	19° 0	13°17	21°45	29°54	0°38	7°50	7°55	24°41	28°37	28°33	28°15	17°57	M19
T 20	9 59 38	0♓46'04	5♌57	20°36	14°22	22°32	0♉ 5	0°40	7°52	7°57	24°40	28°37	28°30	28°21	18° 0	T 20
W21	10 3 35	1°46'54	19°56	22°14	15°27	23°19	0°15	0°42	7°55	8° 0	24°39	28°38	28°26	28°28	18° 2	W21
T 22	10 7 31	2°47'43	4♍14	23°52	16°32	24° 5	0°26	0°44	7°57	8° 2	24°38	28°R38	28°23	28°35	18° 5	T 22
F 23	10 11 28	3°48'31	18°47	25°30	17°38	24°52	0°37	0°45	8° 0	8° 4	24°37	28°37	28°20	28°41	18° 8	F 23
S 24	10 15 24	4°49'19	3♎29	27°10	18°44	25°39	0°48	0°47	8° 2	8° 6	24°36	28°37	28°17	28°48	18°11	S 24
S 25	10 19 21	5°50'05	18°13	28°50	19°50	26°26	0°59	0°48	8° 4	8° 9	24°35	28°36	28°14	28°55	18°13	S 25
M26	10 23 18	6°50'50	2♏51	0♓31	20°56	27°13	1°10	0°50	8° 7	8°11	24°34	28°35	28°10	29° 2	18°16	M26
T 27	10 27 14	7°51'35	17°19	2°13	22° 2	27°59	1°22	0°51	8° 9	8°13	24°33	28°34	28° 7	29° 8	18°19	T 27
W28	10 31 11	8♓52'19	1♐33	3♓56	23♑ 9	28♒46	1♉33	0♐52	8♑11	8♓16	24♋33	28♒34	28♒ 4	29♈15	18♈22	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s14	26s 5	5s14	21s39	0s 8	19s19	3n53	19s10	1s 0	9n17	1s 9	17s48	2n14	23s18	0s12	9s 8	0s23	17n43	3s20	11s51	11s35	14n 5	8n10	1n32
F 2	16 57	27 44	4 57	21 33	0 15	19 23	3 51	18 59	1 1	9 21	1 9	17 48	2 14	23 18	0 12	9 8	0 23	17 44	3 20	11 51	11 36	14 8	8 11	1 32
S 3	16 40	27 39	4 23	21 25	0 23	19 27	3 48	18 47	1 1	9 24	1 9	17 49	2 14	23 18	0 12	9 7	0 23	17 44	3 19	11 52	11 37	14 10	8 11	1 32
S 4	16 23	25 55	3 35	21 17	0 30	19 30	3 46	18 35	1 1	9 27	1 9	17 49	2 14	23 18	0 12	9 6	0 23	17 44	3 19	11 53	11 38	14 13	8 12	1 32
M 5	16 5	22 45	2 36	21 7	0 38	19 34	3 43	18 22	1 1	9 30	1 8	17 50	2 15	23 18	0 12	9 5	0 23	17 45	3 19	11 54	11 39	14 16	8 13	1 32
T 6	15 47	18 28	1 29	20 57	0 45	19 37	3 41	18 10	1 2	9 34	1 8	17 50	2 15	23 18	0 12	9 5	0 23	17 45	3 19	11 54	11 40	14 19	8 13	1 32
W 7	15 29	13 25	0 20	20 45	0 51	19 39	3 38	17 57	1 2	9 37	1 8	17 51	2 15	23 17	0 12	9 4	0 23	17 45	3 19	11 54	11 41	14 22	8 14	1 31
T 8	15 10	7 54	0n50	20 32	0 58	19 42	3 35	17 44	1 2	9 40	1 8	17 51	2 15	23 17	0 12	9 3	0 23	17 45	3 19	11 54	11 42	14 25	8 15	1 31
F 9	14 51	2 12	1 56	20 17	1 4	19 44	3 32	17 31	1 2	9 44	1 8	17 52	2 15	23 17	0 12	9 2	0 23	17 46	3 19	11 54	11 43	14 28	8 15	1 31
S 10	14 32	3n29	2 55	20 2	1 10	19 45	3 29	17 18	1 2	9 47	1 7	17 52	2 16	23 17	0 12	9 1	0 23	17 46	3 19	11 54	11 45	14 31	8 16	1 31
S 11	14 13	8 58	3 46	19 45	1 16	19 46	3 26	17 4	1 3	9 51	1 7	17 52	2 16	23 17	0 12	9 1	0 23	17 46	3 19	11 53	11 46	14 33	8 17	1 31
M12	13 53	14 5	4 27	19 27	1 21	19 47	3 23	16 51	1 3	9 55	1 7	17 53	2 16	23 17	0 12	9 0	0 23	17 47	3 19	11 53	11 47	14 36	8 17	1 31
T 13	13 33	18 41	4 57	19 8	1 26	19 48	3 19	16 37	1 3	9 58	1 7	17 53	2 16	23 17	0 12	8 59	0 23	17 47	3 19	11 53	11 48	14 39	8 18	1 31
W14	13 13	22 33	5 13	18 48	1 31	19 48	3 16	16 23	1 3	10 2	1 6	17 54	2 16	23 16	0 12	8 58	0 23	17 47	3 19	11 53	11 49	14 42	8 19	1 30
T 15	12 53	25 32	5 17	18 26	1 36	19 47	3 12	16 9	1 3	10 6	1 6	17 54	2 17	23 16	0 12	8 57	0 23	17 47	3 18	11 53	11 50	14 45	8 20	1 30
F 16	12 32	27 23	5 6	18 4	1 40	19 46	3 9	15 55	1 4	10 9	1 6	17 54	2 17	23 16	0 12	8 56	0 23	17 48	3 18	11 53	11 51	14 48	8 21	1 30
S 17	12 11	27 55	4 41	17 40	1 44	19 45	3 5	15 40	1 4	10 13	1 6	17 54	2 17	23 16	0 12	8 56	0 23	17 48	3 18	11 53	11 52	14 51	8 21	1 30
S 18	11 50	26 59	4 1	17 15	1 48	19 43	3 1	15 26	1 4	10 17	1 6	17 55	2 17	23 16	0 12	8 55	0 23	17 48	3 18	11 53	11 53	14 53	8 22	1 30
M19	11 29	24 32	3 8	16 48	1 52	19 41	2 58	15 11	1 4	10 21	1 5	17 55	2 17	23 16	0 12	8 54	0 23	17 48	3 18	11 53	11 54	14 56	8 23	1 30
T 20	11 8	20 39	2 3	16 21	1 55	19 39	2 54	14 56	1 4	10 25	1 5	17 55	2 18	23 16	0 12	8 53	0 23	17 49	3 18	11 53	11 56	14 59	8 24	1 30
W21	10 47	15 30	0 48	15 52	1 58	19 35	2 50	14 41	1 4	10 29	1 5	17 55	2 18	23 15	0 12	8 52	0 23	17 49	3 18	11 53	11 57	15 2	8 25	1 30
T 22	10 25	9 25	0s31	15 23	2 0	19 32	2 46	14 26	1 5	10 32	1 5	17 55	2 18	23 15	0 12	8 51	0 23	17 49	3 18	11 53	11 58	15 5	8 26	1 29
F 23	10 3	2 44	1 50	14 52	2 2	19 28	2 42	14 10	1 5	10 36	1 5	17 56	2 18	23 15	0 12	8 51	0 23	17 50	3 18	11 53	11 59	15 7	8 27	1 29
S 24	9 41	4s 9	3 2	14 19	2 4	19 23	2 38	13 55	1 5	10 40	1 4	17 56	2 19	23 15	0 12	8 50	0 23	17 50	3 17	11 53	12 0	15 10	8 28	1 29
S 25	9 19	10 49	4 2	13 46	2 6	19 18	2 34	13 39	1 5	10 44	1 4	17 56	2 19	23 15	0 12	8 49	0 23	17 50	3 17	11 53	12 1	15 13	8 29	1 29
M26	8 57	16 51	4 46	13 12	2 7	19 13	2 29	13 23	1 5	10 48	1 4	17 56	2 19	23 15	0 12	8 48	0 23	17 50	3 17	11 54	12 2	15 16	8 29	1 29
T 27	8 34	21 52	5 11	12 36	2 7	19 7	2 25	13 7	1 5	10 53	1 4	17 56	2 19	23 15	0 12	8 47	0 23	17 51	3 17	11 54	12 3	15 19	8 30	1 29
W28	8s12	25s30	5s16	11s59	2s 7	19s 0	2n21	12s51	1s 5	10n57	1s 4	17s56	2n19	23s15	0s12	8s46	0s23	17n51	3s17	11s54	12s 4	15n21	8n31	1n29

Julian Day Number = 2875987.5, Delta T = 01h13m51s
Ecliptic obliquity = 23°17'28, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°00'51, Lahiri = 40°07'51

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ASTRODIENST EPHEMERIS for the year 3162
geocentric

MARCH 3162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 35 7	9♓53'02	15♐30	5♓39	24♑16	29♒33	1♉45	0♐53	8♑14	8♓18	24°R32	28°D34	28♒ 1	29♈22	18♈25	T 1
F 2	10 39 4	10°53'44	29°11	7°23	25°23	0♓20	1°56	0°54	8°16	8°20	24♋31	28♒34	27°58	29°28	18°28	F 2
S 3	10 43 0	11°54'25	12♑34	9° 8	26°30	1° 7	2° 8	0°55	8°18	8°22	24°30	28°35	27°55	29°35	18°31	S 3
S 4	10 46 57	12°55'05	25°42	10°54	27°38	1°54	2°20	0°56	8°20	8°25	24°29	28°37	27°51	29°42	18°34	S 4
M 5	10 50 53	13°55'44	8♒36	12°41	28°45	2°41	2°32	0°56	8°22	8°27	24°29	28°38	27°48	29°48	18°37	M 5
T 6	10 54 50	14°56'21	21°17	14°28	29°53	3°28	2°44	0°57	8°24	8°29	24°28	28°39	27°45	29°55	18°40	T 6
W 7	10 58 47	15°56'58	3♓46	16°17	1♒ 1	4°15	2°56	0°57	8°26	8°31	24°27	28°R39	27°42	0♉ 2	18°43	W 7
T 8	11 2 43	16°57'33	16° 4	18° 6	2° 9	5° 2	3° 8	0°58	8°28	8°34	24°27	28°38	27°39	0° 9	18°46	T 8
F 9	11 6 40	17°58'06	28°14	19°56	3°17	5°49	3°20	0°58	8°30	8°36	24°26	28°36	27°36	0°15	18°49	F 9
S 10	11 10 36	18°58'38	10♈16	21°46	4°26	6°36	3°32	0°58	8°31	8°38	24°25	28°33	27°32	0°22	18°52	S 10
S 11	11 14 33	19°59'09	22°11	23°38	5°34	7°23	3°45	0°R58	8°33	8°40	24°25	28°29	27°29	0°29	18°55	S 11
M12	11 18 29	20°59'38	4♉ 3	25°30	6°43	8°11	3°57	0°58	8°35	8°43	24°24	28°25	27°26	0°35	18°58	M12
T 13	11 22 26	22° 0'05	15°54	27°22	7°51	8°58	4°10	0°58	8°36	8°45	24°23	28°22	27°23	0°42	19° 2	T 13
W14	11 26 22	23° 0'30	27°47	29°15	9° 0	9°45	4°22	0°58	8°38	8°47	24°23	28°19	27°20	0°49	19° 5	W14
T 15	11 30 19	24° 0'54	9♊46	1♈ 8	10° 9	10°32	4°35	0°57	8°40	8°49	24°22	28°16	27°16	0°56	19° 8	T 15
F 16	11 34 15	25° 1'16	21°55	3° 2	11°18	11°19	4°48	0°57	8°41	8°52	24°22	28°D15	27°13	1° 2	19°11	F 16
S 17	11 38 12	26° 1'36	4♋19	4°55	12°27	12° 6	5° 1	0°56	8°43	8°54	24°21	28°16	27°10	1° 9	19°15	S 17
S 18	11 42 9	27° 1'54	17° 3	6°48	13°37	12°53	5°14	0°55	8°44	8°56	24°21	28°17	27° 7	1°16	19°18	S 18
M19	11 46 5	28° 2'11	0♌10	8°41	14°46	13°41	5°27	0°55	8°45	8°58	24°20	28°19	27° 4	1°22	19°21	M19
T 20	11 50 2	29° 2'25	13°44	10°33	15°56	14°28	5°40	0°54	8°47	9° 0	24°20	28°20	27° 1	1°29	19°25	T 20
W21	11 53 58	0♈ 2'37	27°45	12°23	17° 5	15°15	5°53	0°53	8°48	9° 3	24°19	28°R21	26°57	1°36	19°28	W21
T 22	11 57 55	1° 2'48	12♍12	14°12	18°15	16° 2	6° 6	0°52	8°49	9° 5	24°19	28°20	26°54	1°42	19°31	T 22
F 23	12 1 51	2° 2'56	27° 1	16° 0	19°25	16°49	6°19	0°50	8°50	9° 7	24°19	28°18	26°51	1°49	19°35	F 23
S 24	12 5 48	3° 3'03	12♎ 4	17°45	20°35	17°37	6°32	0°49	8°51	9° 9	24°18	28°14	26°48	1°56	19°38	S 24
S 25	12 9 44	4° 3'08	27°13	19°27	21°45	18°24	6°46	0°48	8°52	9°11	24°18	28° 9	26°45	2° 3	19°42	S 25
M26	12 13 41	5° 3'12	12♏18	21° 5	22°55	19°11	6°59	0°46	8°53	9°13	24°18	28° 3	26°42	2° 9	19°45	M26
T 27	12 17 38	6° 3'14	27° 9	22°40	24° 5	19°58	7°13	0°44	8°54	9°15	24°17	27°58	26°38	2°16	19°48	T 27
W28	12 21 34	7° 3'14	11♐39	24°10	25°16	20°45	7°26	0°43	8°55	9°17	24°17	27°54	26°35	2°23	19°52	W28
T 29	12 25 31	8° 3'13	25°45	25°36	26°26	21°33	7°40	0°41	8°56	9°19	24°17	27°51	26°32	2°29	19°55	T 29
F 30	12 29 27	9° 3'11	9♑27	26°56	27°36	22°20	7°53	0°39	8°57	9°21	24°17	27°D51	26°29	2°36	19°59	F 30
S 31	12 33 24	10♈ 3'07	22♑44	28♈10	28♒47	23♓ 7	8♉ 7	0♐37	8♑58	9♓24	24♋16	27♒51	26♒26	2♉43	20♈ 2	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s49	27s32	5s 3	11s21	2s 7	18s53	2n17	12s35	1s 5	11n 1	1s 4	17s56	2n20	23s14	0s12	8s46	0s23	17n51	3s17	11s54	12s 5	15n24	8n32	1n29
F 2	7 26	27 50	4 33	10 42	2 7	18 46	2 12	12 18	1 5	11 5	1 3	17 56	2 20	23 14	0 12	8 45	0 23	17 51	3 17	11 54	12 6	15 27	8 33	1 28
S 3	7 3	26 29	3 48	10 2	2 6	18 38	2 8	12 2	1 5	11 9	1 3	17 56	2 20	23 14	0 12	8 44	0 23	17 52	3 17	11 54	12 8	15 30	8 34	1 28
S 4	6 40	23 42	2 52	9 21	2 4	18 29	2 4	11 45	1 6	11 13	1 3	17 56	2 20	23 14	0 12	8 43	0 23	17 52	3 17	11 53	12 9	15 33	8 35	1 28
M 5	6 17	19 45	1 49	8 38	2 2	18 20	1 59	11 29	1 6	11 17	1 3	17 56	2 20	23 14	0 12	8 42	0 23	17 52	3 16	11 53	12 10	15 35	8 36	1 28
T 6	5 54	14 58	0 41	7 55	2 0	18 11	1 55	11 12	1 6	11 22	1 3	17 56	2 21	23 14	0 12	8 41	0 23	17 52	3 16	11 52	12 11	15 38	8 38	1 28
W 7	5 31	9 38	0n28	7 10	1 57	18 1	1 50	10 55	1 6	11 26	1 2	17 56	2 21	23 14	0 12	8 41	0 23	17 53	3 16	11 52	12 12	15 41	8 39	1 28
T 8	5 7	4 0	1 35	6 25	1 53	17 50	1 46	10 38	1 6	11 30	1 2	17 55	2 21	23 14	0 12	8 40	0 23	17 53	3 16	11 53	12 13	15 44	8 40	1 28
F 9	4 44	1n41	2 36	5 38	1 49	17 39	1 42	10 20	1 6	11 34	1 2	17 55	2 21	23 14	0 12	8 39	0 23	17 53	3 16	11 53	12 14	15 46	8 41	1 28
S 10	4 20	7 15	3 30	4 51	1 45	17 28	1 37	10 3	1 6	11 39	1 2	17 55	2 21	23 13	0 12	8 38	0 23	17 53	3 16	11 54	12 15	15 49	8 42	1 28
S 11	3 57	12 31	4 13	4 2	1 39	17 16	1 33	9 46	1 6	11 43	1 2	17 55	2 22	23 13	0 12	8 37	0 23	17 53	3 16	11 56	12 16	15 52	8 43	1 27
M12	3 33	17 17	4 46	3 13	1 34	17 3	1 28	9 28	1 6	11 47	1 2	17 55	2 22	23 13	0 12	8 36	0 23	17 54	3 16	11 57	12 17	15 55	8 44	1 27
T 13	3 9	21 23	5 7	2 23	1 28	16 50	1 24	9 11	1 6	11 52	1 2	17 54	2 22	23 13	0 12	8 36	0 23	17 54	3 16	11 58	12 18	15 57	8 45	1 27
W14	2 46	24 38	5 14	1 32	1 21	16 37	1 19	8 53	1 6	11 56	1 1	17 54	2 22	23 13	0 12	8 35	0 23	17 54	3 15	11 59	12 19	16 0	8 46	1 27
T 15	2 22	26 51	5 8	0 40	1 13	16 23	1 15	8 35	1 6	12 1	1 1	17 54	2 23	23 13	0 12	8 34	0 23	17 54	3 15	12 0	12 21	16 3	8 47	1 27
F 16	1 58	27 50	4 48	0n12	1 5	16 9	1 11	8 18	1 6	12 5	1 1	17 54	2 23	23 13	0 12	8 33	0 23	17 55	3 15	12 0	12 22	16 6	8 49	1 27
S 17	1 34	27 27	4 14	1 4	0 57	15 54	1 6	8 0	1 6	12 9	1 1	17 53	2 23	23 13	0 13	8 32	0 23	17 55	3 15	12 0	12 23	16 8	8 50	1 27
S 18	1 10	25 38	3 27	1 57	0 48	15 39	1 2	7 42	1 6	12 14	1 1	17 53	2 23	23 13	0 13	8 32	0 23	17 55	3 15	12 0	12 24	16 11	8 51	1 27
M19	0 47	22 24	2 28	2 50	0 38	15 23	0 57	7 24	1 6	12 18	1 1	17 52	2 23	23 13	0 13	8 31	0 23	17 55	3 15	11 59	12 25	16 14	8 52	1 27
T 20	0 23	17 52	1 19	3 44	0 28	15 7	0 53	7 6	1 6	12 23	1 1	17 52	2 24	23 13	0 13	8 30	0 23	17 55	3 15	11 59	12 26	16 16	8 53	1 27
W21	0n 1	12 14	0 3	4 37	0 17	14 50	0 49	6 47	1 6	12 27	1 0	17 52	2 24	23 13	0 13	8 29	0 23	17 56	3 15	11 59	12 27	16 19	8 54	1 26
T 22	0 25	5 47	1s15	5 29	0 5	14 33	0 45	6 29	1 6	12 31	1 0	17 51	2 24	23 13	0 13	8 28	0 23	17 56	3 14	11 59	12 28	16 22	8 56	1 26
F 23	0 49	1s 7	2 30	6 21	0n 7	14 16	0 40	6 11	1 6	12 36	1 0	17 51	2 24	23 13	0 13	8 28	0 23	17 56	3 14	12 0	12 29	16 24	8 57	1 26
S 24	1 12	8 4	3 36	7 13	0 19	13 58	0 36	5 52	1 6	12 40	1 0	17 50	2 24	23 12	0 13	8 27	0 23	17 56	3 14	12 1	12 30	16 27	8 58	1 26
S 25	1 36	14 34	4 27	8 3	0 31	13 40	0 32	5 34	1 6	12 45	1 0	17 50	2 25	23 12	0 13	8 26	0 23	17 56	3 14	12 3	12 31	16 30	8 59	1 26
M26	2 0	20 10	4 59	8 52	0 44	13 21	0 28	5 16	1 5	12 49	1 0	17 49	2 25	23 12	0 13	8 25	0 23	17 56	3 14	12 5	12 32	16 33	9 0	1 26
T 27	2 23	24 26	5 10	9 39	0 57	13 2	0 24	4 57	1 5	12 54	1 0	17 49	2 25	23 12	0 13	8 24	0 23	17 57	3 14	12 6	12 34	16 35	9 2	1 26
W28	2 47	27 1	5 2	10 25	1 10	12 43	0 19	4 39	1 5	12 58	0 59	17 48	2 25	23 12	0 13	8 24	0 23	17 57	3 14	12 8	12 35	16 38	9 3	1 26
T 29	3 11	27 48	4 35	11 8	1 24	12 23	0 15	4 20	1 5	13 3	0 59	17 48	2 25	23 12	0 13	8 23	0 23	17 57	3 14	12 9	12 36	16 41	9 4	1 26
F 30	3 34	26 49	3 53	11 49	1 37	12 3	0 11	4 1	1 5	13 7	0 59	17 47	2 25	23 12	0 13	8 22	0 23	17 57	3 13	12 9	12 37	16 43	9 5	1 26
S 31	3n57	24s20	2s59	12n27	1n49	11s43	0n 7	3s43	1s 5	13n12	0s59	17s47	2n26	23s12	0s13	8s21	0s23	17n57	3s13	12s 9	12s38	16n46	9n 7	1n26

Julian Day Number = 2876015.5, Delta T = 01h13m51s
Ecliptic obliquity = 23°17'28, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°00'55, Lahiri = 40°07'55

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ASTRODIENST EPHEMERIS for the year 3162
geocentric

APRIL 3162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 37 20	11♈ 3'01	5♒40	29♈17	29♒58	23♓54	8♉21	0°R35	8♏58	9♓26	24°R16	27♒53	26♒22	2♉50	20♈ 6	S 1
M 2	12 41 17	12° 2'54	18°19	0♉17	1♓ 8	24°42	8°34	0♐33	8°59	9°28	24♋16	27°54	26°19	2°56	20° 9	M 2
T 3	12 45 13	13° 2'45	0♓43	1°11	2°19	25°29	8°48	0°31	9° 0	9°30	24°16	27°R54	26°16	3° 3	20°13	T 3
W 4	12 49 10	14° 2'34	12°57	1°56	3°30	26°16	9° 2	0°28	9° 0	9°31	24°16	27°53	26°13	3°10	20°16	W 4
T 5	12 53 7	15° 2'21	25° 2	2°34	4°41	27° 3	9°16	0°26	9° 0	9°33	24°16	27°50	26°10	3°16	20°20	T 5
F 6	12 57 3	16° 2'07	7♈ 1	3° 4	5°52	27°50	9°30	0°23	9° 1	9°35	24°16	27°44	26° 7	3°23	20°23	F 6
S 7	13 1 0	17° 1'51	18°56	3°25	7° 3	28°38	9°44	0°21	9° 1	9°37	24°16	27°36	26° 3	3°30	20°27	S 7
S 8	13 4 56	18° 1'33	0♉49	3°38	8°14	29°25	9°58	0°18	9° 2	9°39	24°D16	27°26	26° 0	3°37	20°30	S 8
M 9	13 8 53	19° 1'13	12°40	3°R43	9°25	0♈12	10°12	0°15	9° 2	9°41	24°16	27°16	25°57	3°43	20°34	M 9
T 10	13 12 49	20° 0'50	24°32	3°40	10°36	0°59	10°26	0°12	9° 2	9°43	24°16	27° 6	25°54	3°50	20°37	T 10
W11	13 16 46	21° 0'26	6♊27	3°29	11°47	1°46	10°40	0° 9	9° 2	9°45	24°16	26°57	25°51	3°57	20°41	W11
T 12	13 20 42	22° 0'00	18°27	3°11	12°58	2°33	10°54	0° 6	9° 2	9°47	24°16	26°49	25°48	4° 3	20°44	T 12
F 13	13 24 39	22°59'32	0♋36	2°47	14°10	3°21	11° 8	0° 3	9°R 2	9°48	24°16	26°44	25°44	4°10	20°48	F 13
S 14	13 28 36	23°59'01	12°57	2°15	15°21	4° 8	11°22	29♏59	9° 2	9°50	24°16	26°42	25°41	4°17	20°51	S 14
S 15	13 32 32	24°58'28	25°35	1°39	16°33	4°55	11°37	29°57	9° 2	9°52	24°16	26°D41	25°38	4°24	20°55	S 15
M16	13 36 29	25°57'53	8♌35	0°58	17°44	5°42	11°51	29°53	9° 2	9°54	24°17	26°41	25°35	4°30	20°59	M16
T 17	13 40 25	26°57'15	22° 0	0°13	18°56	6°29	12° 5	29°50	9° 2	9°55	24°17	26°R42	25°32	4°37	21° 2	T 17
W18	13 44 22	27°56'36	5♍53	29♈25	20° 7	7°16	12°19	29°46	9° 2	9°57	24°17	26°42	25°28	4°44	21° 6	W18
T 19	13 48 18	28°55'53	20°14	28°36	21°19	8° 3	12°34	29°43	9° 1	9°59	24°17	26°40	25°25	4°50	21° 9	T 19
F 20	13 52 15	29°55'09	5♎ 2	27°46	22°30	8°50	12°48	29°39	9° 1	10° 0	24°18	26°35	25°22	4°57	21°13	F 20
S 21	13 56 11	0♉54'23	20°11	26°56	23°42	9°37	13° 2	29°36	9° 1	10° 2	24°18	26°28	25°19	5° 4	21°16	S 21
S 22	14 0 8	1°53'34	5♏30	26° 7	24°54	10°24	13°17	29°32	9° 0	10° 3	24°18	26°19	25°16	5°11	21°19	S 22
M23	14 4 5	2°52'44	20°49	25°21	26° 5	11°11	13°31	29°28	9° 0	10° 5	24°19	26° 9	25°13	5°17	21°23	M23
T 24	14 8 1	3°51'52	5♐57	24°38	27°17	11°58	13°45	29°24	8°59	10° 7	24°19	26° 0	25° 9	5°24	21°26	T 24
W25	14 11 58	4°50'58	20°44	23°58	28°29	12°45	14° 0	29°20	8°59	10° 8	24°19	25°52	25° 6	5°31	21°30	W25
T 26	14 15 54	5°50'03	5♑ 4	23°22	29°41	13°32	14°14	29°17	8°58	10°10	24°20	25°46	25° 3	5°37	21°33	T 26
F 27	14 19 51	6°49'06	18°54	22°51	0♈53	14°19	14°29	29°13	8°57	10°11	24°20	25°42	25° 0	5°44	21°37	F 27
S 28	14 23 47	7°48'07	2♒16	22°25	2° 5	15° 6	14°43	29° 8	8°57	10°13	24°21	25°41	24°57	5°51	21°40	S 28
S 29	14 27 44	8°47'06	15°12	22° 4	3°17	15°53	14°58	29° 4	8°56	10°14	24°21	25°D41	24°54	5°58	21°44	S 29
M30	14 31 40	9♉46'03	27♒46	21♈48	4♈29	16♈40	15♉12	29♏ 0	8♑55	10♓15	24♋22	25°R41	24♒50	6♉ 4	21♈47	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n21	20s38	1s58	13n 3	2n 2	11s22	0n 4	3s24	1s 5	13n16	0s59	17s46	2n26	23s12	0s13	8s21	0s23	17n57	3s13	12s 8	12s39	16n49	9n 8	1n26
M 2	4 44	16 4	0 52	13 36	2 14	11 1	0s 0	3 5	1 5	13 21	0 59	17 46	2 26	23 12	0 13	8 20	0 23	17 58	3 13	12 8	12 40	16 51	9 9	1 25
T 3	5 7	10 55	0n15	14 5	2 25	10 39	0 4	2 46	1 5	13 25	0 59	17 45	2 26	23 12	0 13	8 19	0 23	17 58	3 13	12 8	12 41	16 54	9 10	1 25
W 4	5 30	5 25	1 20	14 31	2 36	10 17	0 8	2 28	1 4	13 29	0 59	17 44	2 26	23 12	0 13	8 18	0 23	17 58	3 13	12 8	12 42	16 56	9 11	1 25
T 5	5 53	0n12	2 21	14 53	2 46	9 55	0 12	2 9	1 4	13 34	0 59	17 44	2 26	23 12	0 13	8 18	0 23	17 58	3 13	12 9	12 43	16 59	9 13	1 25
F 6	6 16	5 45	3 15	15 12	2 55	9 33	0 15	1 50	1 4	13 38	0 58	17 43	2 27	23 12	0 13	8 17	0 23	17 58	3 12	12 11	12 44	17 2	9 14	1 25
S 7	6 39	11 4	3 59	15 26	3 2	9 10	0 19	1 31	1 4	13 43	0 58	17 42	2 27	23 12	0 13	8 16	0 23	17 58	3 12	12 14	12 45	17 4	9 15	1 25
S 8	7 2	15 57	4 34	15 37	3 9	8 47	0 22	1 12	1 4	13 47	0 58	17 42	2 27	23 12	0 13	8 16	0 23	17 58	3 12	12 17	12 46	17 7	9 16	1 25
M 9	7 24	20 14	4 56	15 43	3 14	8 24	0 26	0 54	1 4	13 52	0 58	17 41	2 27	23 12	0 13	8 15	0 23	17 59	3 12	12 21	12 47	17 10	9 18	1 25
T 10	7 47	23 43	5 5	15 46	3 18	8 0	0 29	0 35	1 3	13 56	0 58	17 40	2 27	23 12	0 13	8 14	0 23	17 59	3 12	12 24	12 49	17 12	9 19	1 25
W11	8 9	26 12	5 1	15 44	3 20	7 36	0 33	0 16	1 3	14 1	0 58	17 39	2 27	23 12	0 13	8 14	0 23	17 59	3 12	12 27	12 50	17 15	9 20	1 25
T 12	8 31	27 31	4 44	15 38	3 20	7 12	0 36	0n 3	1 3	14 5	0 58	17 39	2 28	23 12	0 13	8 13	0 23	17 59	3 12	12 30	12 51	17 17	9 22	1 25
F 13	8 53	27 31	4 14	15 28	3 19	6 48	0 39	0 22	1 3	14 10	0 58	17 38	2 28	23 12	0 13	8 12	0 23	17 59	3 12	12 32	12 52	17 20	9 23	1 25
S 14	9 15	26 11	3 32	15 15	3 16	6 23	0 42	0 40	1 3	14 14	0 58	17 37	2 28	23 12	0 13	8 12	0 23	17 59	3 11	12 32	12 53	17 23	9 24	1 25
S 15	9 37	23 29	2 38	14 58	3 11	5 59	0 45	0 59	1 2	14 18	0 58	17 36	2 28	23 12	0 13	8 11	0 23	17 59	3 11	12 33	12 54	17 25	9 25	1 25
M16	9 58	19 32	1 35	14 37	3 4	5 34	0 48	1 18	1 2	14 23	0 58	17 35	2 28	23 12	0 13	8 10	0 23	17 59	3 11	12 32	12 55	17 28	9 27	1 24
T 17	10 19	14 29	0 25	14 13	2 56	5 9	0 51	1 37	1 2	14 27	0 57	17 35	2 28	23 12	0 13	8 10	0 23	17 59	3 11	12 32	12 56	17 30	9 28	1 24
W18	10 41	8 32	0s49	13 47	2 46	4 43	0 54	1 55	1 2	14 32	0 57	17 34	2 28	23 12	0 13	8 9	0 23	18 0	3 11	12 32	12 57	17 33	9 29	1 24
T 19	11 2	1 58	2 2	13 19	2 35	4 18	0 57	2 14	1 1	14 36	0 57	17 33	2 28	23 12	0 13	8 9	0 23	18 0	3 11	12 33	12 58	17 36	9 30	1 24
F 20	11 22	4s53	3 9	12 50	2 22	3 52	1 0	2 33	1 1	14 40	0 57	17 32	2 28	23 12	0 13	8 8	0 23	18 0	3 11	12 35	12 59	17 38	9 32	1 24
S 21	11 43	11 37	4 5	12 19	2 8	3 27	1 2	2 51	1 1	14 45	0 57	17 31	2 29	23 12	0 13	8 7	0 23	18 0	3 10	12 37	13 0	17 41	9 33	1 24
S 22	12 3	17 43	4 43	11 48	1 54	3 1	1 5	3 10	1 0	14 49	0 57	17 30	2 29	23 12	0 13	8 7	0 24	18 0	3 10	12 40	13 1	17 43	9 34	1 24
M23	12 24	22 41	5 1	11 16	1 38	2 35	1 8	3 28	1 0	14 53	0 57	17 29	2 29	23 13	0 13	8 6	0 24	18 0	3 10	12 43	13 2	17 46	9 35	1 24
T 24	12 44	26 3	4 58	10 45	1 22	2 9	1 10	3 47	1 0	14 58	0 57	17 28	2 29	23 13	0 13	8 6	0 24	18 0	3 10	12 47	13 3	17 48	9 37	1 24
W25	13 3	27 32	4 35	10 16	1 6	1 42	1 12	4 5	1 0	15 2	0 57	17 28	2 29	23 13	0 13	8 5	0 24	18 0	3 10	12 49	13 4	17 51	9 38	1 24
T 26	13 23	27 6	3 55	9 47	0 49	1 16	1 15	4 24	0 59	15 6	0 57	17 27	2 29	23 13	0 13	8 5	0 24	18 0	3 10	12 51	13 5	17 53	9 39	1 24
F 27	13 42	24 58	3 2	9 20	0 33	0 50	1 17	4 42	0 59	15 11	0 57	17 26	2 29	23 13	0 13	8 4	0 24	18 0	3 10	12 52	13 7	17 56	9 40	1 24
S 28	14 2	21 30	2 1	8 55	0 16	0 23	1 19	5 0	0 59	15 15	0 57	17 25	2 29	23 13	0 13	8 4	0 24	18 0	3 10	12 53	13 8	17 58	9 42	1 24
S 29	14 20	17 4	0 55	8 32	0s 0	0n 3	1 21	5 19	0 58	15 19	0 57	17 24	2 29	23 13	0 13	8 3	0 24	18 0	3 9	12 53	13 9	18 1	9 43	1 24
M30	14n39	12s 0	0n11	8n12	0s16	0n30	1s23	5n37	0s58	15n23	0s57	17s23	2n29	23s13	0s13	8s 3	0s24	18n 0	3s 9	12s53	13s10	18n 4	9n44	1n24

Julian Day Number = 2876046.5, Delta T = 01h13m52s
Ecliptic obliquity = 23°17'28, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°00'59, Lahiri = 40°07'59

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ASTRODIENST EPHEMERIS for the year 3162
geocentric

MAY 3162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 35 37	10♉44'59	10♓ 4	21°R38	5♈41	17♈26	15♉27	28°R56	8°R54	10♓17	24♋22	25°R40	24♒47	6♉11	21♈50	T 1
W 2	14 39 34	11°43'53	22° 9	21°D33	6°53	18°13	15°41	28♏52	8♑53	10°18	24°23	25♒37	24°44	6°18	21°54	W 2
T 3	14 43 30	12°42'46	4♈ 7	21♈33	8° 5	19° 0	15°55	28°48	8°52	10°19	24°23	25°32	24°41	6°24	21°57	T 3
F 4	14 47 27	13°41'36	15°59	21°38	9°17	19°47	16°10	28°43	8°51	10°21	24°24	25°24	24°38	6°31	22° 0	F 4
S 5	14 51 23	14°40'25	27°50	21°49	10°29	20°33	16°24	28°39	8°50	10°22	24°24	25°12	24°34	6°38	22° 4	S 5
S 6	14 55 20	15°39'12	9♉41	22° 4	11°41	21°20	16°39	28°34	8°49	10°23	24°25	24°59	24°31	6°45	22° 7	S 6
M 7	14 59 16	16°37'57	21°34	22°24	12°53	22° 7	16°53	28°30	8°48	10°24	24°26	24°45	24°28	6°51	22°10	M 7
T 8	15 3 13	17°36'40	3♊30	22°49	14° 5	22°54	17° 8	28°26	8°47	10°25	24°26	24°31	24°25	6°58	22°14	T 8
W 9	15 7 9	18°35'22	15°30	23°18	15°18	23°40	17°22	28°21	8°46	10°26	24°27	24°18	24°22	7° 5	22°17	W 9
T 10	15 11 6	19°34'01	27°37	23°51	16°30	24°27	17°37	28°17	8°44	10°28	24°28	24° 7	24°19	7°11	22°20	T 10
F 11	15 15 3	20°32'38	9♋51	24°29	17°42	25°13	17°51	28°12	8°43	10°29	24°29	23°59	24°15	7°18	22°23	F 11
S 12	15 18 59	21°31'14	22°16	25°10	18°54	26° 0	18° 6	28° 8	8°41	10°30	24°29	23°55	24°12	7°25	22°26	S 12
S 13	15 22 56	22°29'47	4♌56	25°54	20° 7	26°46	18°20	28° 3	8°40	10°31	24°30	23°52	24° 9	7°32	22°30	S 13
M14	15 26 52	23°28'18	17°53	26°43	21°19	27°33	18°35	27°59	8°39	10°32	24°31	23°52	24° 6	7°38	22°33	M14
T 15	15 30 49	24°26'47	1♍11	27°34	22°31	28°19	18°49	27°54	8°37	10°33	24°32	23°52	24° 3	7°45	22°36	T 15
W16	15 34 45	25°25'13	14°54	28°29	23°44	29° 6	19° 4	27°50	8°36	10°34	24°33	23°51	23°59	7°52	22°39	W16
T 17	15 38 42	26°23'38	29° 4	29°26	24°56	29°52	19°18	27°45	8°34	10°34	24°34	23°48	23°56	7°58	22°42	T 17
F 18	15 42 38	27°22'00	13♎39	0♉27	26° 8	0♉38	19°32	27°40	8°32	10°35	24°34	23°43	23°53	8° 5	22°45	F 18
S 19	15 46 35	28°20'21	28°36	1°31	27°21	1°24	19°47	27°36	8°31	10°36	24°35	23°36	23°50	8°12	22°48	S 19
S 20	15 50 32	29°18'39	13♏47	2°37	28°33	2°11	20° 1	27°31	8°29	10°37	24°36	23°26	23°47	8°19	22°51	S 20
M21	15 54 28	0♊16'56	29° 3	3°46	29°46	2°57	20°16	27°27	8°27	10°38	24°37	23°15	23°44	8°25	22°54	M21
T 22	15 58 25	1°15'12	14♐13	4°57	0♉58	3°43	20°30	27°22	8°26	10°38	24°38	23° 4	23°40	8°32	22°57	T 22
W23	16 2 21	2°13'25	29° 5	6°11	2°10	4°29	20°44	27°18	8°24	10°39	24°39	22°55	23°37	8°39	23° 0	W23
T 24	16 6 18	3°11'37	13♑32	7°27	3°23	5°15	20°59	27°13	8°22	10°40	24°40	22°48	23°34	8°45	23° 3	T 24
F 25	16 10 14	4° 9'48	27°30	8°46	4°35	6° 1	21°13	27° 9	8°20	10°40	24°41	22°44	23°31	8°52	23° 5	F 25
S 26	16 14 11	5° 7'57	10♒59	10° 6	5°48	6°47	21°27	27° 4	8°18	10°41	24°42	22°42	23°28	8°59	23° 8	S 26
S 27	16 18 7	6° 6'05	24° 0	11°30	7° 0	7°33	21°41	27° 0	8°16	10°42	24°43	22°D41	23°25	9° 6	23°11	S 27
M28	16 22 4	7° 4'11	6♓37	12°55	8°13	8°19	21°56	26°55	8°14	10°42	24°44	22°R41	23°21	9°12	23°14	M28
T 29	16 26 1	8° 2'16	18°56	14°22	9°25	9° 5	22°10	26°51	8°12	10°43	24°45	22°41	23°18	9°19	23°17	T 29
W30	16 29 57	9° 0'20	1♈ 0	15°52	10°38	9°51	22°24	26°46	8°10	10°43	24°46	22°39	23°15	9°26	23°19	W30
T 31	16 33 54	9♊58'22	12♈56	17♉24	11♉51	10♉37	22♉38	26♏42	8♑ 8	10♓43	24♋47	22♒34	23♒12	9♉33	23♈22	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n57	6s35	1n15	7n54	0s31	0n57	1s25	5n55	0s58	15n28	0s57	17s22	2n29	23s13	0s13	8s 2	0s24	18n 0	3s 9	12s53	13s11	18n 6	9n45	1n24
W 2	15 16	1 1	2 15	7 39	0 46	1 23	1 27	6 13	0 57	15 32	0 56	17 21	2 29	23 13	0 13	8 2	0 24	18 0	3 9	12 54	13 12	18 9	9 46	1 24
T 3	15 33	4n30	3 8	7 26	1 0	1 50	1 28	6 31	0 57	15 36	0 56	17 20	2 30	23 13	0 13	8 1	0 24	18 0	3 9	12 56	13 13	18 11	9 48	1 24
F 4	15 51	9 50	3 53	7 15	1 13	2 17	1 30	6 49	0 57	15 40	0 56	17 19	2 30	23 13	0 14	8 1	0 24	18 0	3 9	12 59	13 14	18 14	9 49	1 24
S 5	16 8	14 47	4 27	7 7	1 26	2 43	1 31	7 7	0 56	15 44	0 56	17 18	2 30	23 13	0 14	8 0	0 24	18 0	3 9	13 2	13 15	18 16	9 50	1 23
S 6	16 26	19 12	4 49	7 2	1 37	3 10	1 33	7 24	0 56	15 49	0 56	17 17	2 30	23 14	0 14	8 0	0 24	18 0	3 9	13 7	13 16	18 19	9 51	1 23
M 7	16 42	22 51	4 59	6 59	1 49	3 37	1 34	7 42	0 55	15 53	0 56	17 16	2 30	23 14	0 14	7 59	0 24	18 0	3 8	13 11	13 17	18 21	9 52	1 23
T 8	16 59	25 34	4 56	6 59	1 59	4 3	1 36	8 0	0 55	15 57	0 56	17 15	2 30	23 14	0 14	7 59	0 24	18 0	3 8	13 16	13 18	18 24	9 54	1 23
W 9	17 15	27 8	4 40	7 0	2 8	4 30	1 37	8 17	0 55	16 1	0 56	17 14	2 30	23 14	0 14	7 59	0 24	18 0	3 8	13 20	13 19	18 26	9 55	1 23
T 10	17 31	27 27	4 11	7 4	2 17	4 56	1 38	8 35	0 54	16 5	0 56	17 13	2 30	23 14	0 14	7 58	0 24	18 0	3 8	13 24	13 20	18 28	9 56	1 23
F 11	17 47	26 25	3 30	7 10	2 25	5 23	1 39	8 52	0 54	16 9	0 56	17 12	2 30	23 14	0 14	7 58	0 24	18 0	3 8	13 27	13 21	18 31	9 57	1 23
S 12	18 2	24 4	2 38	7 18	2 33	5 49	1 40	9 9	0 53	16 13	0 56	17 11	2 30	23 14	0 14	7 57	0 24	18 0	3 8	13 28	13 22	18 33	9 58	1 23
S 13	18 17	20 30	1 38	7 28	2 39	6 15	1 41	9 26	0 53	16 17	0 56	17 10	2 30	23 14	0 14	7 57	0 24	18 0	3 8	13 29	13 23	18 36	9 59	1 23
M14	18 32	15 53	0 32	7 40	2 45	6 41	1 42	9 43	0 53	16 21	0 56	17 9	2 30	23 14	0 14	7 57	0 24	18 0	3 8	13 29	13 24	18 38	10 0	1 23
T 15	18 46	10 23	0s39	7 54	2 50	7 8	1 42	10 0	0 52	16 25	0 56	17 8	2 30	23 14	0 14	7 56	0 24	18 0	3 7	13 29	13 25	18 41	10 2	1 23
W16	19 0	4 14	1 49	8 9	2 54	7 33	1 43	10 17	0 52	16 29	0 56	17 7	2 30	23 15	0 14	7 56	0 24	18 0	3 7	13 29	13 27	18 43	10 3	1 23
T 17	19 14	2s18	2 54	8 26	2 58	7 59	1 44	10 33	0 51	16 33	0 56	17 6	2 30	23 15	0 14	7 56	0 24	18 0	3 7	13 30	13 28	18 46	10 4	1 23
F 18	19 27	8 54	3 51	8 44	3 1	8 25	1 44	10 50	0 51	16 37	0 56	17 5	2 30	23 15	0 14	7 55	0 24	18 0	3 7	13 32	13 29	18 48	10 5	1 23
S 19	19 40	15 9	4 32	9 3	3 3	8 50	1 44	11 6	0 50	16 41	0 56	17 4	2 30	23 15	0 14	7 55	0 24	18 0	3 7	13 34	13 30	18 50	10 6	1 23
S 20	19 53	20 35	4 56	9 24	3 5	9 16	1 45	11 23	0 50	16 44	0 56	17 3	2 30	23 15	0 14	7 55	0 24	18 0	3 7	13 38	13 31	18 53	10 7	1 23
M21	20 5	24 41	4 59	9 46	3 6	9 41	1 45	11 39	0 49	16 48	0 56	17 2	2 30	23 15	0 14	7 55	0 24	18 0	3 7	13 41	13 32	18 55	10 8	1 23
T 22	20 17	27 0	4 40	10 10	3 6	10 6	1 45	11 55	0 49	16 52	0 56	17 1	2 29	23 15	0 14	7 54	0 24	18 0	3 7	13 45	13 33	18 58	10 9	1 23
W23	20 29	27 20	4 3	10 34	3 6	10 30	1 45	12 11	0 48	16 56	0 56	17 0	2 29	23 15	0 14	7 54	0 24	18 0	3 7	13 48	13 34	19 0	10 10	1 23
T 24	20 40	25 47	3 11	11 0	3 5	10 55	1 45	12 26	0 48	17 0	0 56	16 59	2 29	23 16	0 14	7 54	0 24	18 0	3 6	13 50	13 35	19 3	10 11	1 23
F 25	20 51	22 38	2 9	11 26	3 3	11 19	1 45	12 42	0 47	17 3	0 56	16 59	2 29	23 16	0 14	7 54	0 24	18 0	3 6	13 51	13 36	19 5	10 12	1 23
S 26	21 1	18 21	1 2	11 53	3 1	11 43	1 45	12 58	0 47	17 7	0 56	16 58	2 29	23 16	0 14	7 53	0 24	18 0	3 6	13 52	13 37	19 7	10 13	1 23
S 27	21 12	13 20	0n 7	12 21	2 59	12 7	1 45	13 13	0 46	17 11	0 56	16 57	2 29	23 16	0 14	7 53	0 24	18 0	3 6	13 52	13 38	19 10	10 14	1 23
M28	21 21	7 53	1 13	12 50	2 55	12 31	1 44	13 28	0 46	17 14	0 56	16 56	2 29	23 16	0 14	7 53	0 24	18 0	3 6	13 52	13 39	19 12	10 15	1 23
T 29	21 31	2 17	2 14	13 19	2 52	12 54	1 44	13 43	0 45	17 18	0 56	16 55	2 29	23 16	0 14	7 53	0 24	18 0	3 6	13 52	13 40	19 14	10 16	1 23
W30	21 40	3n17	3 8	13 49	2 47	13 17	1 44	13 58	0 45	17 22	0 56	16 54	2 29	23 16	0 14	7 53	0 24	18 0	3 6	13 53	13 41	19 17	10 17	1 23
T 31	21n48	8n39	3n53	14n19	2s42	13n40	1s43	14n13	0s44	17n25	0s56	16s53	2n29	23s17	0s14	7s53	0s24	17n59	3s 6	13s54	13s42	19n19	10n18	1n23

Julian Day Number = 2876076.5, Delta T = 01h13m53s
Ecliptic obliquity = 23°17'28, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°01'03, Lahiri = 40°08'03

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ASTRODIENST EPHEMERIS for the year 3162
geocentric

JUNE 3162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 37 50	10♊56'23	24♈47	18♉58	13♉ 3	11♉23	22♉52	26°R37	8°R 6	10♓44	24♋49	22°R27	23♒ 9	9♉39	23♈25	F 1
S 2	16 41 47	11°54'23	6♉38	20°34	14°16	12° 8	23° 6	26♏33	8♑ 4	10°44	24°50	22♒18	23° 5	9°46	23°27	S 2
S 3	16 45 43	12°52'21	18°30	22°12	15°28	12°54	23°20	26°29	8° 2	10°45	24°51	22° 6	23° 2	9°53	23°30	S 3
M 4	16 49 40	13°50'18	0♊27	23°52	16°41	13°40	23°34	26°25	8° 0	10°45	24°52	21°54	22°59	9°59	23°32	M 4
T 5	16 53 36	14°48'14	12°29	25°34	17°54	14°25	23°48	26°20	7°57	10°45	24°53	21°41	22°56	10° 6	23°35	T 5
W 6	16 57 33	15°46'08	24°39	27°18	19° 6	15°11	24° 2	26°16	7°55	10°45	24°54	21°30	22°53	10°13	23°37	W 6
T 7	17 1 30	16°44'01	6♋56	29° 5	20°19	15°56	24°16	26°12	7°53	10°46	24°56	21°20	22°50	10°20	23°39	T 7
F 8	17 5 26	17°41'52	19°23	0♊53	21°32	16°42	24°30	26° 8	7°51	10°46	24°57	21°14	22°46	10°26	23°42	F 8
S 9	17 9 23	18°39'42	2♌ 0	2°44	22°44	17°27	24°44	26° 4	7°48	10°46	24°58	21°10	22°43	10°33	23°44	S 9
S 10	17 13 19	19°37'31	14°49	4°37	23°57	18°13	24°58	26° 0	7°46	10°46	24°59	21° 8	22°40	10°40	23°46	S 10
M11	17 17 16	20°35'17	27°53	6°32	25°10	18°58	25°11	25°56	7°44	10°46	25° 1	21°D 8	22°37	10°46	23°49	M11
T 12	17 21 12	21°33'02	11♍14	8°28	26°23	19°43	25°25	25°52	7°41	10°46	25° 2	21° 9	22°34	10°53	23°51	T 12
W13	17 25 9	22°30'46	24°54	10°27	27°35	20°28	25°39	25°48	7°39	10°R46	25° 3	21°R 9	22°31	11° 0	23°53	W13
T 14	17 29 5	23°28'28	8♎54	12°28	28°48	21°13	25°52	25°44	7°37	10°46	25° 4	21° 8	22°27	11° 7	23°55	T 14
F 15	17 33 2	24°26'08	23°15	14°31	0♊ 1	21°59	26° 6	25°41	7°34	10°46	25° 6	21° 5	22°24	11°13	23°57	F 15
S 16	17 36 59	25°23'47	7♏54	16°35	1°13	22°44	26°19	25°37	7°32	10°46	25° 7	21° 0	22°21	11°20	23°59	S 16
S 17	17 40 55	26°21'25	22°45	18°41	2°26	23°29	26°33	25°33	7°30	10°46	25° 8	20°53	22°18	11°27	24° 1	S 17
M18	17 44 52	27°19'01	7♐42	20°49	3°39	24°14	26°46	25°30	7°27	10°46	25°10	20°45	22°15	11°34	24° 3	M18
T 19	17 48 48	28°16'37	22°36	22°57	4°52	24°58	27° 0	25°26	7°25	10°45	25°11	20°37	22°11	11°40	24° 5	T 19
W20	17 52 45	29°14'11	7♑17	25° 8	6° 5	25°43	27°13	25°23	7°22	10°45	25°12	20°30	22° 8	11°47	24° 7	W20
T 21	17 56 41	0♋11'44	21°39	27°19	7°17	26°28	27°26	25°20	7°20	10°45	25°14	20°25	22° 5	11°54	24° 9	T 21
F 22	18 0 38	1° 9'16	5♒36	29°30	8°30	27°13	27°39	25°16	7°17	10°45	25°15	20°22	22° 2	12° 0	24°11	F 22
S 23	18 4 35	2° 6'47	19° 7	1♋42	9°43	27°57	27°53	25°13	7°15	10°44	25°17	20°D21	21°59	12° 7	24°12	S 23
S 24	18 8 31	3° 4'18	2♓12	3°55	10°56	28°42	28° 6	25°10	7°13	10°44	25°18	20°21	21°56	12°14	24°14	S 24
M25	18 12 28	4° 1'47	14°53	6° 7	12° 9	29°27	28°19	25° 7	7°10	10°44	25°19	20°23	21°52	12°21	24°16	M25
T 26	18 16 24	4°59'16	27°15	8°19	13°22	0♊11	28°32	25° 4	7° 8	10°43	25°21	20°24	21°49	12°27	24°17	T 26
W27	18 20 21	5°56'45	9♈23	10°30	14°35	0°56	28°45	25° 1	7° 5	10°43	25°22	20°R24	21°46	12°34	24°19	W27
T 28	18 24 17	6°54'12	21°20	12°40	15°47	1°40	28°57	24°58	7° 3	10°42	25°24	20°23	21°43	12°41	24°21	T 28
F 29	18 28 14	7°51'40	3♉13	14°49	17° 0	2°24	29°10	24°56	7° 0	10°42	25°25	20°20	21°40	12°47	24°22	F 29
S 30	18 32 10	8♋49'06	15♉ 5	16♋57	18♊13	3♊ 9	29♉23	24♏53	6♑58	10♓41	25♋27	20♒15	21♒37	12♉54	24♈23	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n57	13n41	4n28	14n50	2s37	14n 2	1s42	14n27	0s44	17n29	0s56	16s52	2n29	23s17	0s14	7s52	0s24	17n59	3s 6	13s57	13s43	19n22	10n19	1n23
S 2	22 5	18 13	4 50	15 21	2 31	14 24	1 42	14 42	0 43	17 32	0 56	16 51	2 29	23 17	0 14	7 52	0 24	17 59	3 5	14 0	13 44	19 24	10 20	1 23
S 3	22 12	22 2	5 1	15 52	2 25	14 46	1 41	14 56	0 43	17 36	0 56	16 50	2 28	23 17	0 14	7 52	0 24	17 59	3 5	14 3	13 45	19 26	10 21	1 23
M 4	22 19	24 58	4 58	16 24	2 18	15 7	1 40	15 10	0 42	17 39	0 56	16 49	2 28	23 17	0 14	7 52	0 24	17 59	3 5	14 7	13 46	19 29	10 22	1 23
T 5	22 26	26 49	4 42	16 55	2 11	15 28	1 39	15 24	0 41	17 43	0 56	16 49	2 28	23 17	0 14	7 52	0 24	17 59	3 5	14 11	13 47	19 31	10 23	1 23
W 6	22 32	27 24	4 13	17 27	2 3	15 49	1 38	15 38	0 41	17 46	0 56	16 48	2 28	23 17	0 14	7 52	0 25	17 59	3 5	14 15	13 48	19 33	10 24	1 23
T 7	22 38	26 39	3 32	17 58	1 54	16 9	1 37	15 52	0 40	17 49	0 56	16 47	2 28	23 18	0 14	7 52	0 25	17 59	3 5	14 18	13 49	19 36	10 25	1 23
F 8	22 44	24 33	2 41	18 29	1 46	16 29	1 36	16 5	0 40	17 53	0 56	16 46	2 28	23 18	0 14	7 52	0 25	17 59	3 5	14 20	13 50	19 38	10 26	1 23
S 9	22 49	21 13	1 40	19 0	1 37	16 49	1 35	16 19	0 39	17 56	0 56	16 45	2 28	23 18	0 14	7 52	0 25	17 58	3 5	14 21	13 51	19 40	10 26	1 23
S 10	22 53	16 49	0 34	19 30	1 28	17 8	1 34	16 32	0 39	17 59	0 56	16 45	2 28	23 18	0 14	7 52	0 25	17 58	3 5	14 22	13 52	19 43	10 27	1 23
M11	22 58	11 34	0s36	19 59	1 18	17 26	1 33	16 45	0 38	18 2	0 56	16 44	2 27	23 18	0 14	7 52	0 25	17 58	3 5	14 22	13 53	19 45	10 28	1 23
T 12	23 1	5 41	1 45	20 28	1 8	17 45	1 31	16 57	0 37	18 6	0 56	16 43	2 27	23 18	0 14	7 52	0 25	17 58	3 4	14 22	13 54	19 47	10 29	1 23
W13	23 5	0s36	2 50	20 56	0 58	18 2	1 30	17 10	0 37	18 9	0 56	16 42	2 27	23 18	0 14	7 52	0 25	17 58	3 4	14 22	13 56	19 49	10 30	1 23
T 14	23 8	6 59	3 47	21 22	0 47	18 20	1 28	17 22	0 36	18 12	0 56	16 42	2 27	23 19	0 14	7 52	0 25	17 58	3 4	14 22	13 57	19 52	10 30	1 23
F 15	23 10	13 10	4 30	21 47	0 37	18 37	1 27	17 35	0 36	18 15	0 56	16 41	2 27	23 19	0 14	7 52	0 25	17 58	3 4	14 23	13 58	19 54	10 31	1 23
S 16	23 13	18 45	4 57	22 11	0 26	18 53	1 25	17 47	0 35	18 18	0 56	16 40	2 27	23 19	0 14	7 52	0 25	17 58	3 4	14 25	13 59	19 56	10 32	1 23
S 17	23 14	23 16	5 5	22 34	0 15	19 9	1 24	17 58	0 34	18 21	0 56	16 39	2 26	23 19	0 14	7 52	0 25	17 57	3 4	14 27	14 0	19 59	10 33	1 23
M18	23 16	26 16	4 52	22 54	0 5	19 24	1 22	18 10	0 34	18 24	0 56	16 39	2 26	23 19	0 14	7 52	0 25	17 57	3 4	14 29	14 1	20 1	10 33	1 23
T 19	23 17	27 24	4 20	23 12	0n 6	19 39	1 20	18 21	0 33	18 27	0 56	16 38	2 26	23 19	0 14	7 52	0 25	17 57	3 4	14 32	14 2	20 3	10 34	1 23
W20	23 17	26 35	3 30	23 29	0 17	19 54	1 19	18 33	0 32	18 30	0 56	16 38	2 26	23 19	0 14	7 52	0 25	17 57	3 4	14 34	14 3	20 5	10 35	1 23
T 21	23 17	24 0	2 28	23 43	0 27	20 8	1 17	18 44	0 32	18 33	0 56	16 37	2 26	23 20	0 14	7 52	0 25	17 57	3 4	14 36	14 4	20 8	10 35	1 23
F 22	23 17	20 1	1 19	23 54	0 37	20 21	1 15	18 55	0 31	18 36	0 56	16 36	2 26	23 20	0 14	7 53	0 25	17 57	3 4	14 37	14 5	20 10	10 36	1 23
S 23	23 16	15 6	0 7	24 3	0 47	20 34	1 13	19 5	0 30	18 39	0 56	16 36	2 25	23 20	0 14	7 53	0 25	17 56	3 3	14 37	14 6	20 12	10 37	1 23
S 24	23 15	9 38	1n 4	24 10	0 56	20 46	1 11	19 16	0 30	18 42	0 56	16 35	2 25	23 20	0 14	7 53	0 25	17 56	3 3	14 37	14 7	20 14	10 37	1 23
M25	23 14	3 56	2 9	24 13	1 5	20 58	1 9	19 26	0 29	18 45	0 56	16 35	2 25	23 20	0 14	7 53	0 25	17 56	3 3	14 36	14 8	20 17	10 38	1 23
T 26	23 12	1n46	3 6	24 15	1 13	21 9	1 7	19 36	0 28	18 48	0 56	16 34	2 25	23 20	0 14	7 53	0 25	17 56	3 3	14 36	14 9	20 19	10 38	1 23
W27	23 9	7 17	3 54	24 13	1 20	21 20	1 5	19 46	0 28	18 51	0 56	16 34	2 25	23 20	0 14	7 53	0 25	17 56	3 3	14 36	14 10	20 21	10 39	1 23
T 28	23 7	12 27	4 30	24 8	1 27	21 30	1 3	19 56	0 27	18 53	0 56	16 33	2 24	23 21	0 14	7 54	0 25	17 56	3 3	14 36	14 11	20 23	10 40	1 23
F 29	23 4	17 8	4 55	24 1	1 34	21 39	1 1	20 5	0 26	18 56	0 56	16 33	2 24	23 21	0 14	7 54	0 25	17 55	3 3	14 37	14 12	20 25	10 40	1 23
S 30	23n 0	21n 9	5n 8	23n52	1n39	21n48	0s58	20n14	0s26	18n59	0s56	16s32	2n24	23s21	0s14	7s54	0s25	17n55	3s 3	14s39	14s13	20n28	10n41	1n23

Julian Day Number = 2876107.5, Delta T = 01h13m53s
Ecliptic obliquity = 23°17'27, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°01'07, Lahiri = 40°08'08

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ASTRODIENST EPHEMERIS for the year 3162
geocentric

JULY 3162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 36 7	9♋46'33	27♉ 0	19♋ 3	19♊26	3♊53	29♉36	24°R50	6°R55	10°R41	25♋28	20°R 9	21♒33	13♉ 1	24♈25	S 1
M 2	18 40 4	10°43'58	9♊ 1	21° 8	20°39	4°37	29°48	24♏48	6♑53	10♓40	25°29	20♒ 2	21°30	13° 8	24°26	M 2
T 3	18 44 0	11°41'23	21°11	23°10	21°52	5°21	0♊ 1	24°45	6°50	10°40	25°31	19°55	21°27	13°14	24°27	T 3
W 4	18 47 57	12°38'48	3♋32	25°11	23° 5	6° 5	0°13	24°43	6°48	10°39	25°32	19°49	21°24	13°21	24°29	W 4
T 5	18 51 53	13°36'11	16° 3	27°10	24°18	6°49	0°26	24°41	6°45	10°38	25°34	19°43	21°21	13°28	24°30	T 5
F 6	18 55 50	14°33'35	28°47	29° 6	25°31	7°33	0°38	24°39	6°43	10°38	25°35	19°40	21°17	13°35	24°31	F 6
S 7	18 59 46	15°30'57	11♌43	1♌ 1	26°44	8°17	0°50	24°37	6°40	10°37	25°37	19°38	21°14	13°41	24°32	S 7
S 8	19 3 43	16°28'19	24°51	2°53	27°57	9° 1	1° 2	24°35	6°38	10°36	25°38	19°D38	21°11	13°48	24°33	S 8
M 9	19 7 39	17°25'40	8♍12	4°42	29°11	9°45	1°14	24°33	6°36	10°35	25°40	19°39	21° 8	13°55	24°34	M 9
T 10	19 11 36	18°23'00	21°46	6°30	0♋24	10°28	1°26	24°31	6°33	10°34	25°41	19°41	21° 5	14° 1	24°35	T 10
W11	19 15 33	19°20'19	5♎34	8°15	1°37	11°12	1°38	24°29	6°31	10°34	25°43	19°42	21° 2	14° 8	24°36	W11
T 12	19 19 29	20°17'38	19°34	9°58	2°50	11°56	1°50	24°28	6°28	10°33	25°44	19°R42	20°58	14°15	24°37	T 12
F 13	19 23 26	21°14'56	3♏46	11°39	4° 3	12°39	2° 2	24°26	6°26	10°32	25°46	19°42	20°55	14°22	24°38	F 13
S 14	19 27 22	22°12'13	18° 9	13°17	5°16	13°23	2°13	24°25	6°24	10°31	25°47	19°40	20°52	14°28	24°38	S 14
S 15	19 31 19	23° 9'30	2♐38	14°53	6°29	14° 6	2°25	24°24	6°21	10°30	25°49	19°37	20°49	14°35	24°39	S 15
M16	19 35 15	24° 6'46	17° 9	16°26	7°42	14°49	2°36	24°22	6°19	10°29	25°50	19°34	20°46	14°42	24°40	M16
T 17	19 39 12	25° 4'02	1♑37	17°57	8°56	15°33	2°48	24°21	6°17	10°28	25°52	19°31	20°43	14°48	24°40	T 17
W18	19 43 9	26° 1'17	15°55	19°26	10° 9	16°16	2°59	24°20	6°14	10°27	25°53	19°28	20°39	14°55	24°41	W18
T 19	19 47 5	26°58'33	29°58	20°52	11°22	16°59	3°10	24°19	6°12	10°26	25°55	19°26	20°36	15° 2	24°41	T 19
F 20	19 51 2	27°55'47	13♒43	22°16	12°35	17°42	3°21	24°18	6°10	10°25	25°56	19°D25	20°33	15° 9	24°42	F 20
S 21	19 54 58	28°53'02	27° 6	23°38	13°49	18°25	3°32	24°18	6° 8	10°24	25°58	19°25	20°30	15°15	24°42	S 21
S 22	19 58 55	29°50'17	10♓ 8	24°57	15° 2	19° 8	3°43	24°17	6° 6	10°23	25°59	19°26	20°27	15°22	24°42	S 22
M23	20 2 51	0♌47'31	22°50	26°13	16°15	19°51	3°54	24°16	6° 3	10°21	26° 1	19°27	20°23	15°29	24°43	M23
T 24	20 6 48	1°44'46	5♈13	27°27	17°28	20°33	4° 5	24°16	6° 1	10°20	26° 2	19°28	20°20	15°36	24°43	T 24
W25	20 10 44	2°42'01	17°23	28°38	18°42	21°16	4°16	24°16	5°59	10°19	26° 4	19°29	20°17	15°42	24°43	W25
T 26	20 14 41	3°39'16	29°23	29°46	19°55	21°59	4°26	24°15	5°57	10°18	26° 5	19°R30	20°14	15°49	24°43	T 26
F 27	20 18 38	4°36'32	11♉17	0♍52	21° 9	22°41	4°37	24°15	5°55	10°17	26° 7	19°30	20°11	15°56	24°43	F 27
S 28	20 22 34	5°33'48	23°10	1°54	22°22	23°24	4°47	24°D15	5°53	10°15	26° 8	19°29	20° 8	16° 2	24°R43	S 28
S 29	20 26 31	6°31'04	5♊ 7	2°54	23°35	24° 6	4°57	24°15	5°51	10°14	26°10	19°28	20° 4	16° 9	24°43	S 29
M30	20 30 27	7°28'21	17°12	3°50	24°49	24°49	5° 7	24°15	5°49	10°13	26°11	19°26	20° 1	16°16	24°43	M30
T 31	20 34 24	8♌25'38	29♊28	4♍44	26♋ 2	25♊31	5♊17	24♏16	5♑47	10♓12	26♋13	19♒25	19♒58	16♉23	24♈43	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n56	24n20	5n 7	23n40	1n44	21n56	0s56	20n23	0s25	19n 1	0s56	16s32	2n24	23s21	0s14	7s54	0s25	17n55	3s 3	14s41	14s14	20n30	10n41	1n23
M 2	22 52	26 29	4 52	23 25	1 48	22 4	0 54	20 32	0 24	19 4	0 56	16 32	2 23	23 21	0 14	7 54	0 25	17 55	3 3	14 43	14 15	20 32	10 42	1 23
T 3	22 47	27 24	4 25	23 8	1 51	22 11	0 52	20 41	0 24	19 6	0 56	16 31	2 23	23 21	0 14	7 55	0 25	17 55	3 3	14 45	14 16	20 34	10 42	1 23
W 4	22 42	26 59	3 44	22 50	1 54	22 17	0 49	20 49	0 23	19 9	0 56	16 31	2 23	23 21	0 14	7 55	0 25	17 54	3 3	14 47	14 17	20 36	10 43	1 23
T 5	22 36	25 11	2 52	22 29	1 55	22 23	0 47	20 57	0 22	19 12	0 57	16 31	2 23	23 22	0 14	7 55	0 25	17 54	3 3	14 49	14 18	20 38	10 43	1 23
F 6	22 30	22 5	1 51	22 6	1 56	22 28	0 45	21 5	0 21	19 14	0 57	16 30	2 23	23 22	0 14	7 56	0 25	17 54	3 2	14 50	14 19	20 41	10 43	1 23
S 7	22 24	17 51	0 43	21 42	1 57	22 33	0 42	21 13	0 21	19 16	0 57	16 30	2 22	23 22	0 14	7 56	0 25	17 54	3 2	14 50	14 20	20 43	10 44	1 23
S 8	22 17	12 42	0s28	21 17	1 56	22 37	0 40	21 20	0 20	19 19	0 57	16 30	2 22	23 22	0 14	7 56	0 25	17 54	3 2	14 50	14 21	20 45	10 44	1 23
M 9	22 10	6 54	1 40	20 49	1 55	22 40	0 37	21 27	0 19	19 21	0 57	16 30	2 22	23 22	0 14	7 57	0 25	17 53	3 2	14 50	14 22	20 47	10 45	1 23
T 10	22 2	0 41	2 47	20 21	1 53	22 42	0 35	21 34	0 19	19 24	0 57	16 29	2 22	23 22	0 14	7 57	0 25	17 53	3 2	14 50	14 23	20 49	10 45	1 23
W11	21 54	5s38	3 45	19 52	1 50	22 44	0 33	21 41	0 18	19 26	0 57	16 29	2 21	23 22	0 14	7 57	0 25	17 53	3 2	14 49	14 24	20 51	10 45	1 23
T 12	21 46	11 47	4 31	19 21	1 47	22 46	0 30	21 48	0 17	19 28	0 57	16 29	2 21	23 22	0 14	7 58	0 25	17 53	3 2	14 49	14 25	20 54	10 46	1 23
F 13	21 37	17 25	5 1	18 50	1 43	22 46	0 28	21 54	0 16	19 30	0 57	16 29	2 21	23 23	0 14	7 58	0 25	17 53	3 2	14 49	14 26	20 56	10 46	1 23
S 14	21 28	22 8	5 13	18 18	1 38	22 46	0 25	22 0	0 16	19 33	0 57	16 29	2 21	23 23	0 15	7 58	0 25	17 52	3 2	14 50	14 27	20 58	10 46	1 23
S 15	21 19	25 32	5 5	17 45	1 33	22 45	0 23	22 6	0 15	19 35	0 57	16 29	2 20	23 23	0 15	7 59	0 25	17 52	3 2	14 50	14 28	21 0	10 46	1 23
M16	21 9	27 17	4 38	17 12	1 27	22 44	0 20	22 12	0 14	19 37	0 57	16 29	2 20	23 23	0 15	7 59	0 25	17 52	3 2	14 52	14 29	21 2	10 47	1 23
T 17	20 59	27 10	3 53	16 38	1 21	22 42	0 18	22 17	0 13	19 39	0 57	16 29	2 20	23 23	0 15	7 59	0 25	17 52	3 2	14 53	14 30	21 4	10 47	1 23
W18	20 49	25 13	2 54	16 4	1 14	22 39	0 15	22 23	0 13	19 41	0 57	16 29	2 20	23 23	0 15	8 0	0 25	17 52	3 2	14 54	14 31	21 6	10 47	1 23
T 19	20 38	21 44	1 45	15 30	1 6	22 36	0 13	22 28	0 12	19 43	0 57	16 29	2 19	23 23	0 15	8 0	0 25	17 51	3 2	14 54	14 32	21 8	10 47	1 23
F 20	20 27	17 6	0 31	14 55	0 58	22 32	0 10	22 33	0 11	19 45	0 57	16 29	2 19	23 23	0 15	8 1	0 26	17 51	3 2	14 54	14 33	21 10	10 47	1 23
S 21	20 15	11 44	0n42	14 20	0 49	22 27	0 8	22 37	0 10	19 47	0 58	16 29	2 19	23 24	0 15	8 1	0 26	17 51	3 2	14 54	14 34	21 12	10 48	1 23
S 22	20 4	6 0	1 52	13 46	0 40	22 22	0 5	22 41	0 9	19 49	0 58	16 29	2 19	23 24	0 15	8 2	0 26	17 51	3 2	14 54	14 35	21 15	10 48	1 23
M23	19 51	0 10	2 54	13 11	0 31	22 16	0 3	22 46	0 9	19 51	0 58	16 29	2 18	23 24	0 15	8 2	0 26	17 50	3 1	14 54	14 36	21 17	10 48	1 23
T 24	19 39	5n32	3 46	12 37	0 21	22 9	0 0	22 50	0 8	19 53	0 58	16 29	2 18	23 24	0 15	8 2	0 26	17 50	3 1	14 53	14 37	21 19	10 48	1 23
W25	19 26	10 54	4 28	12 3	0 11	22 2	0n 2	22 53	0 7	19 55	0 58	16 29	2 18	23 24	0 15	8 3	0 26	17 50	3 1	14 53	14 38	21 21	10 48	1 23
T 26	19 13	15 48	4 56	11 29	0s 0	21 54	0 5	22 57	0 6	19 57	0 58	16 30	2 18	23 24	0 15	8 3	0 26	17 50	3 1	14 53	14 39	21 23	10 48	1 23
F 27	19 0	20 4	5 12	10 55	0 12	21 46	0 7	23 0	0 6	19 59	0 58	16 30	2 17	23 24	0 15	8 4	0 26	17 50	3 1	14 53	14 40	21 25	10 48	1 23
S 28	18 46	23 32	5 15	10 22	0 23	21 37	0 10	23 3	0 5	20 0	0 58	16 30	2 17	23 24	0 15	8 4	0 26	17 49	3 1	14 53	14 41	21 27	10 48	1 23
S 29	18 32	26 0	5 4	9 50	0 35	21 27	0 12	23 6	0 4	20 2	0 58	16 30	2 17	23 24	0 15	8 5	0 26	17 49	3 1	14 53	14 42	21 29	10 48	1 23
M30	18 17	27 19	4 40	9 18	0 47	21 16	0 15	23 8	0 3	20 4	0 58	16 31	2 17	23 24	0 15	8 5	0 26	17 49	3 1	14 54	14 43	21 31	10 48	1 23
T 31	18n 3	27n19	4n 2	8n47	1s 0	21n 5	0n17	23n11	0s 2	20n 6	0s58	16s31	2n16	23s24	0s15	8s 6	0s26	17n49	3s 1	14s54	14s44	21n33	10n48	1n23

Julian Day Number = 2876137.5, Delta T = 01h13m54s
Ecliptic obliquity = 23°17'27, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°01'11, Lahiri = 40°08'12

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ASTRODIENST EPHEMERIS for the year 3162
geocentric

AUGUST 3162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 38 20	9♌22'55	11♋58	5♍34	27♋16	26♊13	5♊27	24♏16	5°R45	10°R10	26♋14	19°R23	19♒55	16♉29	24°R43	W 1
T 2	20 42 17	10°20'13	24°43	6°20	28°29	26°56	5°37	24°16	5♏43	10♓ 9	26°16	19♒22	19°52	16°36	24♈42	T 2
F 3	20 46 13	11°17'30	7♌45	7° 3	29°43	27°38	5°46	24°17	5°41	10° 7	26°17	19°22	19°49	16°43	24°42	F 3
S 4	20 50 10	12°14'49	21° 2	7°43	0♌56	28°20	5°56	24°18	5°39	10° 6	26°18	19°D22	19°45	16°49	24°42	S 4
S 5	20 54 7	13°12'07	4♍35	8°18	2°10	29° 2	6° 5	24°18	5°38	10° 5	26°20	19°22	19°42	16°56	24°41	S 5
M 6	20 58 3	14° 9'26	18°21	8°50	3°24	29°44	6°15	24°19	5°36	10° 3	26°21	19°22	19°39	17° 3	24°41	M 6
T 7	21 2 0	15° 6'44	2♎18	9°17	4°37	0♋26	6°24	24°20	5°34	10° 2	26°23	19°23	19°36	17°10	24°40	T 7
W 8	21 5 56	16° 4'03	16°23	9°40	5°51	1° 7	6°33	24°21	5°32	10° 0	26°24	19°23	19°33	17°16	24°40	W 8
T 9	21 9 53	17° 1'22	0♏34	9°58	7° 4	1°49	6°42	24°22	5°31	9°59	26°26	19°23	19°29	17°23	24°39	T 9
F 10	21 13 49	17°58'42	14°48	10°12	8°18	2°31	6°50	24°23	5°29	9°57	26°27	19°R23	19°26	17°30	24°39	F 10
S 11	21 17 46	18°56'01	29° 3	10°21	9°32	3°12	6°59	24°25	5°28	9°56	26°28	19°D23	19°23	17°37	24°38	S 11
S 12	21 21 42	19°53'21	13♐15	10°R25	10°45	3°54	7° 8	24°26	5°26	9°54	26°30	19°23	19°20	17°43	24°37	S 12
M13	21 25 39	20°50'41	27°23	10°25	11°59	4°35	7°16	24°28	5°25	9°53	26°31	19°23	19°17	17°50	24°36	M13
T 14	21 29 36	21°48'02	11♑23	10°19	13°13	5°16	7°24	24°29	5°23	9°51	26°33	19°24	19°14	17°57	24°36	T 14
W15	21 33 32	22°45'22	25°13	10° 8	14°27	5°58	7°32	24°31	5°22	9°50	26°34	19°24	19°10	18° 3	24°35	W15
T 16	21 37 29	23°42'44	8♒51	9°52	15°40	6°39	7°40	24°33	5°20	9°48	26°35	19°24	19° 7	18°10	24°34	T 16
F 17	21 41 25	24°40'05	22°14	9°31	16°54	7°20	7°48	24°35	5°19	9°47	26°37	19°R24	19° 4	18°17	24°33	F 17
S 18	21 45 22	25°37'28	5♓22	9° 6	18° 8	8° 1	7°56	24°37	5°18	9°45	26°38	19°24	19° 1	18°24	24°32	S 18
S 19	21 49 18	26°34'51	18°13	8°36	19°22	8°42	8° 3	24°39	5°16	9°44	26°39	19°23	18°58	18°30	24°31	S 19
M20	21 53 15	27°32'15	0♈49	8° 1	20°36	9°23	8°11	24°41	5°15	9°42	26°41	19°23	18°55	18°37	24°29	M20
T 21	21 57 11	28°29'40	13° 9	7°23	21°50	10° 3	8°18	24°43	5°14	9°40	26°42	19°21	18°51	18°44	24°28	T 21
W22	22 1 8	29°27'06	25°18	6°42	23° 3	10°44	8°25	24°46	5°13	9°39	26°43	19°20	18°48	18°51	24°27	W22
T 23	22 5 5	0♍24'33	7♉18	5°58	24°17	11°25	8°32	24°48	5°12	9°37	26°45	19°19	18°45	18°57	24°26	T 23
F 24	22 9 1	1°22'01	19°12	5°13	25°31	12° 5	8°39	24°51	5°11	9°36	26°46	19°18	18°42	19° 4	24°24	F 24
S 25	22 12 58	2°19'30	1♊ 6	4°26	26°45	12°46	8°45	24°53	5°10	9°34	26°47	19°D18	18°39	19°11	24°23	S 25
S 26	22 16 54	3°17'01	13° 3	3°39	27°59	13°26	8°52	24°56	5° 9	9°32	26°48	19°18	18°35	19°17	24°22	S 26
M27	22 20 51	4°14'33	25° 8	2°52	29°13	14° 6	8°58	24°59	5° 8	9°31	26°50	19°19	18°32	19°24	24°20	M27
T 28	22 24 47	5°12'06	7♋26	2° 7	0♍27	14°47	9° 4	25° 2	5° 7	9°29	26°51	19°20	18°29	19°31	24°19	T 28
W29	22 28 44	6° 9'40	20° 0	1°24	1°41	15°27	9°10	25° 5	5° 6	9°28	26°52	19°21	18°26	19°38	24°17	W29
T 30	22 32 40	7° 7'15	2♌53	0°44	2°55	16° 7	9°16	25° 8	5° 6	9°26	26°53	19°22	18°23	19°44	24°16	T 30
F 31	22 36 37	8♍ 4'52	16♌ 8	0♍ 9	4♍ 9	16♋47	9♊22	25♏11	5♑ 5	9♓24	26♋54	19°R23	18♒20	19♉51	24♈14	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n48	25n57	3n12	8n17	1s13	20n54	0n19	23n13	0s 2	20n 7	0s58	16s31	2n16	23s25	0s15	8s 6	0s26	17n48	3s 1	14s55	14s45	21n35	10n48	1n23
T 2	17 32	23 13	2 12	7 48	1 26	20 42	0 22	23 15	0 1	20 9	0 59	16 32	2 16	23 25	0 15	8 7	0 26	17 48	3 1	14 55	14 46	21 37	10 48	1 23
F 3	17 17	19 15	1 4	7 20	1 39	20 29	0 24	23 16	0n 0	20 10	0 59	16 32	2 15	23 25	0 15	8 7	0 26	17 48	3 1	14 55	14 47	21 39	10 48	1 23
S 4	17 1	14 15	0s 9	6 53	1 52	20 15	0 26	23 18	0 1	20 12	0 59	16 32	2 15	23 25	0 15	8 8	0 26	17 48	3 1	14 55	14 48	21 41	10 47	1 23
S 5	16 45	8 29	1 23	6 27	2 6	20 1	0 29	23 19	0 2	20 13	0 59	16 33	2 15	23 25	0 15	8 8	0 26	17 48	3 1	14 55	14 49	21 43	10 47	1 23
M 6	16 29	2 13	2 34	6 3	2 19	19 47	0 31	23 20	0 2	20 15	0 59	16 33	2 15	23 25	0 15	8 9	0 26	17 47	3 1	14 55	14 50	21 45	10 47	1 23
T 7	16 12	4s13	3 36	5 40	2 33	19 32	0 33	23 21	0 3	20 16	0 59	16 34	2 14	23 25	0 15	8 10	0 26	17 47	3 1	14 55	14 51	21 47	10 47	1 23
W 8	15 55	10 30	4 26	5 19	2 47	19 16	0 35	23 21	0 4	20 18	0 59	16 34	2 14	23 25	0 15	8 10	0 26	17 47	3 1	14 55	14 52	21 49	10 47	1 23
T 9	15 38	16 17	5 0	5 0	3 0	19 0	0 38	23 22	0 5	20 19	0 59	16 35	2 14	23 25	0 15	8 11	0 26	17 47	3 1	14 55	14 53	21 51	10 47	1 23
F 10	15 21	21 12	5 16	4 42	3 13	18 43	0 40	23 22	0 6	20 20	0 59	16 35	2 14	23 25	0 15	8 11	0 26	17 46	3 1	14 55	14 54	21 53	10 46	1 23
S 11	15 3	24 54	5 12	4 27	3 27	18 26	0 42	23 22	0 7	20 22	0 59	16 36	2 13	23 25	0 15	8 12	0 26	17 46	3 1	14 55	14 55	21 55	10 46	1 23
S 12	14 45	27 2	4 50	4 14	3 39	18 8	0 44	23 21	0 7	20 23	1 0	16 37	2 13	23 25	0 15	8 12	0 26	17 46	3 1	14 55	14 56	21 57	10 46	1 23
M13	14 27	27 26	4 10	4 3	3 51	17 50	0 46	23 21	0 8	20 24	1 0	16 37	2 13	23 25	0 15	8 13	0 26	17 46	3 1	14 55	14 57	21 59	10 45	1 23
T 14	14 9	26 3	3 15	3 54	4 3	17 31	0 48	23 20	0 9	20 26	1 0	16 38	2 13	23 26	0 15	8 14	0 26	17 45	3 1	14 55	14 58	22 1	10 45	1 23
W15	13 51	23 5	2 10	3 48	4 14	17 12	0 50	23 19	0 10	20 27	1 0	16 38	2 12	23 26	0 15	8 14	0 26	17 45	3 1	14 55	14 59	22 2	10 45	1 23
T 16	13 32	18 52	0 58	3 44	4 24	16 52	0 52	23 18	0 11	20 28	1 0	16 39	2 12	23 26	0 15	8 15	0 26	17 45	3 1	14 55	15 0	22 4	10 44	1 23
F 17	13 13	13 46	0n16	3 44	4 33	16 32	0 54	23 17	0 12	20 29	1 0	16 40	2 12	23 26	0 15	8 15	0 26	17 45	3 1	14 55	15 1	22 6	10 44	1 23
S 18	12 54	8 8	1 27	3 45	4 41	16 11	0 56	23 16	0 13	20 30	1 0	16 41	2 12	23 26	0 15	8 16	0 26	17 45	3 1	14 55	15 2	22 8	10 44	1 23
S 19	12 35	2 17	2 33	3 50	4 48	15 50	0 57	23 14	0 13	20 31	1 0	16 41	2 11	23 26	0 15	8 17	0 26	17 44	3 1	14 55	15 3	22 10	10 43	1 23
M20	12 15	3n32	3 30	3 58	4 54	15 28	0 59	23 12	0 14	20 32	1 0	16 42	2 11	23 26	0 15	8 17	0 26	17 44	3 1	14 55	15 4	22 12	10 43	1 23
T 21	11 55	9 5	4 15	4 8	4 58	15 6	1 1	23 10	0 15	20 33	1 1	16 43	2 11	23 26	0 15	8 18	0 26	17 44	3 1	14 55	15 5	22 14	10 42	1 23
W22	11 36	14 13	4 49	4 21	5 0	14 44	1 2	23 8	0 16	20 34	1 1	16 44	2 11	23 26	0 15	8 18	0 26	17 44	3 1	14 56	15 6	22 16	10 42	1 23
T 23	11 16	18 44	5 9	4 36	5 1	14 21	1 4	23 5	0 17	20 35	1 1	16 45	2 10	23 26	0 15	8 19	0 26	17 43	3 0	14 56	15 7	22 18	10 42	1 23
F 24	10 55	22 29	5 16	4 53	4 59	13 58	1 6	23 2	0 18	20 36	1 1	16 45	2 10	23 26	0 15	8 20	0 26	17 43	3 0	14 56	15 8	22 20	10 41	1 23
S 25	10 35	25 18	5 9	5 13	4 57	13 34	1 7	22 59	0 19	20 37	1 1	16 46	2 10	23 26	0 15	8 20	0 26	17 43	3 0	14 57	15 9	22 21	10 40	1 23
S 26	10 14	27 0	4 49	5 34	4 52	13 10	1 8	22 56	0 19	20 38	1 1	16 47	2 10	23 26	0 15	8 21	0 26	17 43	3 0	14 57	15 10	22 23	10 40	1 22
M27	9 54	27 28	4 16	5 57	4 45	12 46	1 10	22 53	0 20	20 39	1 1	16 48	2 9	23 26	0 15	8 22	0 26	17 42	3 0	14 56	15 11	22 25	10 39	1 22
T 28	9 33	26 36	3 31	6 21	4 37	12 21	1 11	22 50	0 21	20 40	1 1	16 49	2 9	23 26	0 15	8 22	0 26	17 42	3 0	14 56	15 12	22 27	10 39	1 22
W29	9 12	24 22	2 35	6 45	4 27	11 56	1 12	22 46	0 22	20 40	1 2	16 50	2 9	23 26	0 15	8 23	0 26	17 42	3 0	14 55	15 13	22 29	10 38	1 22
T 30	8 51	20 51	1 30	7 10	4 15	11 31	1 14	22 42	0 23	20 41	1 2	16 51	2 9	23 26	0 15	8 23	0 26	17 42	3 0	14 55	15 14	22 31	10 38	1 22
F 31	8n29	16n11	0n18	7n34	4s 2	11n 5	1n15	22n38	0n24	20n42	1s 2	16s52	2n 8	23s26	0s15	8s24	0s26	17n42	3s 0	14s55	15s15	22n33	10n37	1n22

Julian Day Number = 2876168.5, Delta T = 01h13m55s
Ecliptic obliquity = 23°17'27, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°01'16, Lahiri = 40°08'16

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3162
geocentric

SEPTEMBER 3162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 40 34	9♍ 2'30	29♌44	29°R38	5♍24	17♋27	9♊27	25♏14	5°R 4	9°R23	26♋56	19°R23	18♒16	19♉58	24°R12	S 1
S 2	22 44 30	10° 0'09	13♍41	29♌13	6°38	18° 7	9°33	25°18	5♑ 4	9♓21	26°57	19♒22	18°13	20° 4	24♈10	S 2
M 3	22 48 27	10°57'49	27°54	28°53	7°52	18°46	9°38	25°21	5° 3	9°19	26°58	19°19	18°10	20°11	24° 9	M 3
T 4	22 52 23	11°55'30	12♎19	28°41	9° 6	19°26	9°43	25°24	5° 3	9°18	26°59	19°16	18° 7	20°18	24° 7	T 4
W 5	22 56 20	12°53'12	26°50	28°D35	10°20	20° 6	9°48	25°28	5° 2	9°16	27° 0	19°13	18° 4	20°25	24° 5	W 5
T 6	23 0 16	13°50'56	11♏21	28°36	11°34	20°45	9°52	25°32	5° 2	9°14	27° 1	19°10	18° 1	20°31	24° 3	T 6
F 7	23 4 13	14°48'40	25°47	28°45	12°48	21°25	9°57	25°35	5° 1	9°13	27° 2	19° 8	17°57	20°38	24° 1	F 7
S 8	23 8 9	15°46'25	10♐ 4	29° 1	14° 3	22° 4	10° 1	25°39	5° 1	9°11	27° 3	19°D 7	17°54	20°45	23°59	S 8
S 9	23 12 6	16°44'12	24°10	29°25	15°17	22°43	10° 5	25°43	5° 1	9°10	27° 4	19° 7	17°51	20°52	23°57	S 9
M10	23 16 3	17°41'59	8♑ 2	29°57	16°31	23°22	10° 9	25°47	5° 1	9° 8	27° 6	19° 8	17°48	20°58	23°55	M10
T 11	23 19 59	18°39'47	21°41	0♍36	17°45	24° 1	10°13	25°51	5° 1	9° 6	27° 7	19°10	17°45	21° 5	23°53	T 11
W12	23 23 56	19°37'37	5♒ 7	1°22	19° 0	24°40	10°16	25°55	5° 0	9° 5	27° 8	19°11	17°41	21°12	23°51	W12
T 13	23 27 52	20°35'28	18°20	2°16	20°14	25°19	10°20	26° 0	5°D 0	9° 3	27° 9	19°R12	17°38	21°18	23°49	T 13
F 14	23 31 49	21°33'19	1♓20	3°16	21°28	25°58	10°23	26° 4	5° 0	9° 2	27° 9	19°11	17°35	21°25	23°47	F 14
S 15	23 35 45	22°31'12	14° 8	4°23	22°42	26°36	10°26	26° 8	5° 0	9° 0	27°10	19° 9	17°32	21°32	23°45	S 15
S 16	23 39 42	23°29'07	26°43	5°37	23°57	27°15	10°29	26°13	5° 1	8°58	27°11	19° 5	17°29	21°39	23°43	S 16
M17	23 43 38	24°27'03	9♈ 8	6°56	25°11	27°54	10°32	26°17	5° 1	8°57	27°12	19° 0	17°26	21°45	23°40	M17
T 18	23 47 35	25°25'00	21°22	8°21	26°25	28°32	10°34	26°22	5° 1	8°55	27°13	18°53	17°22	21°52	23°38	T 18
W19	23 51 31	26°23'00	3♉27	9°51	27°40	29°10	10°36	26°27	5° 1	8°54	27°14	18°47	17°19	21°59	23°36	W19
T 20	23 55 28	27°21'01	15°24	11°26	28°54	29°49	10°38	26°31	5° 2	8°52	27°15	18°40	17°16	22° 5	23°33	T 20
F 21	23 59 25	28°19'04	27°17	13° 4	0♎ 9	0♌27	10°40	26°36	5° 2	8°51	27°16	18°35	17°13	22°12	23°31	F 21
S 22	0 3 21	29°17'08	9♊ 9	14°46	1°23	1° 5	10°42	26°41	5° 2	8°49	27°17	18°31	17°10	22°19	23°29	S 22
S 23	0 7 18	0♎15'15	21° 4	16°31	2°37	1°43	10°43	26°46	5° 3	8°48	27°17	18°29	17° 7	22°26	23°26	S 23
M24	0 11 14	1°13'23	3♋ 7	18°19	3°52	2°20	10°45	26°51	5° 3	8°46	27°18	18°D29	17° 3	22°32	23°24	M24
T 25	0 15 11	2°11'33	15°22	20° 9	5° 6	2°58	10°46	26°56	5° 4	8°45	27°19	18°29	17° 0	22°39	23°21	T 25
W26	0 19 7	3° 9'46	27°54	22° 0	6°21	3°36	10°46	27° 1	5° 5	8°43	27°20	18°31	16°57	22°46	23°19	W26
T 27	0 23 4	4° 8'00	10♌49	23°53	7°35	4°13	10°47	27° 7	5° 5	8°42	27°20	18°32	16°54	22°53	23°16	T 27
F 28	0 27 0	5° 6'16	24° 8	25°47	8°50	4°51	10°48	27°12	5° 6	8°40	27°21	18°R32	16°51	22°59	23°14	F 28
S 29	0 30 57	6° 4'34	7♍54	27°41	10° 4	5°28	10°48	27°17	5° 7	8°39	27°22	18°30	16°47	23° 6	23°11	S 29
S 30	0 34 54	7♎ 2'53	22♍ 6	29♍35	11♎19	6♌ 5	10°R48	27♏23	5♑ 8	8♓38	27♋22	18♒27	16♒44	23♉13	23♈ 9	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n 8	10n36	0s57	7n58	3s47	10n39	1n16	22n34	0n25	20n43	1s 2	16s53	2n 8	23s26	0s15	8s25	0s26	17n41	3s 0	14s55	15s15	22n34	10n36	1n22
S 2	7 46	4 23	2 10	8 22	3 32	10 13	1 17	22 30	0 26	20 43	1 2	16 54	2 8	23 26	0 15	8 25	0 26	17 41	3 0	14 55	15 16	22 36	10 36	1 22
M 3	7 25	2s10	3 16	8 44	3 16	9 46	1 18	22 25	0 26	20 44	1 2	16 55	2 8	23 26	0 15	8 26	0 26	17 41	3 0	14 56	15 17	22 38	10 35	1 22
T 4	7 3	8 41	4 11	9 4	2 59	9 20	1 19	22 21	0 27	20 45	1 2	16 56	2 7	23 26	0 15	8 26	0 26	17 41	3 0	14 57	15 18	22 40	10 34	1 22
W 5	6 41	14 47	4 50	9 23	2 41	8 53	1 20	22 16	0 28	20 45	1 2	16 57	2 7	23 26	0 15	8 27	0 26	17 41	3 0	14 58	15 19	22 42	10 34	1 22
T 6	6 19	20 4	5 11	9 39	2 23	8 25	1 20	22 11	0 29	20 46	1 3	16 58	2 7	23 26	0 15	8 28	0 26	17 40	3 0	14 59	15 20	22 43	10 33	1 22
F 7	5 57	24 8	5 11	9 53	2 5	7 58	1 21	22 6	0 30	20 46	1 3	16 59	2 7	23 26	0 15	8 28	0 26	17 40	3 0	15 0	15 21	22 45	10 32	1 22
S 8	5 35	26 39	4 53	10 4	1 47	7 30	1 22	22 0	0 31	20 47	1 3	17 0	2 6	23 26	0 15	8 29	0 26	17 40	3 0	15 0	15 22	22 47	10 32	1 22
S 9	5 12	27 26	4 17	10 13	1 29	7 2	1 22	21 55	0 32	20 47	1 3	17 2	2 6	23 26	0 15	8 30	0 26	17 40	3 0	15 0	15 23	22 49	10 31	1 22
M10	4 50	26 29	3 26	10 19	1 11	6 34	1 23	21 49	0 33	20 48	1 3	17 3	2 6	23 26	0 15	8 30	0 26	17 40	3 0	15 0	15 24	22 50	10 30	1 22
T 11	4 27	23 56	2 25	10 21	0 54	6 6	1 23	21 44	0 34	20 48	1 3	17 4	2 6	23 26	0 15	8 31	0 26	17 39	3 0	14 59	15 25	22 52	10 29	1 22
W12	4 5	20 6	1 16	10 21	0 37	5 37	1 24	21 38	0 35	20 48	1 3	17 5	2 6	23 26	0 15	8 31	0 26	17 39	3 0	14 59	15 26	22 54	10 28	1 22
T 13	3 42	15 19	0 5	10 17	0 21	5 8	1 24	21 32	0 36	20 49	1 3	17 6	2 5	23 26	0 15	8 32	0 26	17 39	3 0	14 58	15 27	22 56	10 28	1 22
F 14	3 20	9 55	1n 6	10 9	0 6	4 40	1 25	21 25	0 37	20 49	1 4	17 7	2 5	23 26	0 15	8 33	0 26	17 39	3 0	14 59	15 28	22 57	10 27	1 22
S 15	2 57	4 11	2 12	9 59	0n 9	4 11	1 25	21 19	0 37	20 49	1 4	17 9	2 5	23 26	0 15	8 33	0 26	17 39	3 0	14 59	15 29	22 59	10 26	1 22
S 16	2 34	1n37	3 10	9 45	0 22	3 41	1 25	21 12	0 38	20 50	1 4	17 10	2 5	23 26	0 15	8 34	0 26	17 38	3 0	15 1	15 30	23 1	10 25	1 22
M17	2 11	7 15	3 58	9 27	0 35	3 12	1 25	21 6	0 39	20 50	1 4	17 11	2 4	23 26	0 15	8 34	0 26	17 38	3 0	15 2	15 31	23 3	10 24	1 22
T 18	1 49	12 32	4 35	9 7	0 47	2 43	1 25	20 59	0 40	20 50	1 4	17 12	2 4	23 26	0 15	8 35	0 26	17 38	3 0	15 4	15 32	23 4	10 23	1 22
W19	1 26	17 16	4 59	8 43	0 58	2 14	1 25	20 52	0 41	20 50	1 4	17 14	2 4	23 26	0 15	8 36	0 26	17 38	3 0	15 6	15 33	23 6	10 23	1 22
T 20	1 3	21 17	5 9	8 16	1 7	1 44	1 25	20 45	0 42	20 50	1 4	17 15	2 4	23 26	0 15	8 36	0 26	17 38	3 0	15 8	15 34	23 8	10 22	1 22
F 21	0 40	24 24	5 6	7 47	1 16	1 14	1 25	20 38	0 43	20 51	1 5	17 16	2 4	23 26	0 15	8 37	0 26	17 38	3 0	15 10	15 35	23 9	10 21	1 22
S 22	0 17	26 28	4 50	7 15	1 23	0 45	1 25	20 31	0 44	20 51	1 5	17 18	2 3	23 26	0 15	8 37	0 26	17 37	3 0	15 11	15 36	23 11	10 20	1 22
S 23	0s 6	27 20	4 21	6 40	1 30	0 15	1 24	20 23	0 45	20 51	1 5	17 19	2 3	23 26	0 15	8 38	0 26	17 37	3 0	15 12	15 37	23 13	10 19	1 22
M24	0 29	26 56	3 41	6 3	1 35	0s15	1 24	20 16	0 46	20 51	1 5	17 20	2 3	23 26	0 15	8 38	0 26	17 37	3 0	15 12	15 38	23 14	10 18	1 22
T 25	0 52	25 13	2 50	5 24	1 40	0 44	1 23	20 8	0 47	20 51	1 5	17 21	2 3	23 26	0 15	8 39	0 26	17 37	3 0	15 12	15 39	23 16	10 17	1 22
W26	1 15	22 14	1 49	4 44	1 43	1 14	1 23	20 0	0 48	20 51	1 5	17 23	2 3	23 26	0 14	8 39	0 26	17 37	3 0	15 11	15 40	23 18	10 16	1 22
T 27	1 38	18 5	0 42	4 2	1 46	1 44	1 22	19 52	0 49	20 51	1 5	17 24	2 2	23 26	0 14	8 40	0 26	17 37	3 0	15 11	15 41	23 19	10 15	1 22
F 28	2 1	12 55	0s30	3 19	1 47	2 13	1 22	19 44	0 50	20 51	1 5	17 26	2 2	23 26	0 14	8 41	0 26	17 37	3 0	15 11	15 41	23 21	10 14	1 21
S 29	2 24	6 58	1 42	2 34	1 48	2 43	1 21	19 36	0 51	20 51	1 6	17 27	2 2	23 26	0 14	8 41	0 26	17 36	3 0	15 11	15 42	23 23	10 13	1 21
S 30	2s47	0n30	2s51	1n49	1n48	3s13	1n20	19n28	0n52	20n51	1s 6	17s28	2n 2	23s26	0s14	8s42	0s26	17n36	3s 0	15s12	15s43	23n24	10n12	1n21

Julian Day Number = 2876199.5, Delta T = 01h13m55s
Ecliptic obliquity = 23°17'27, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°01'20, Lahiri = 40°08'20

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ASTRODIENST EPHEMERIS for the year 3162
geocentric

OCTOBER 3162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 38 50	8♎ 1'15	6♎40	1♎30	12♎33	6♌43	10°R48	27♏28	5♑ 8	8°R36	27♋23	18°R21	16♒41	23♉19	23°R 6	M 1
T 2	0 42 47	8°59'38	21°30	3°24	13°48	7°20	10♊47	27°34	5° 9	8♓35	27°24	18♒14	16°38	23°26	23♈ 4	T 2
W 3	0 46 43	9°58'03	6♏28	5°18	15° 2	7°56	10°47	27°39	5°10	8°33	27°24	18° 6	16°35	23°33	23° 1	W 3
T 4	0 50 40	10°56'30	21°24	7°12	16°17	8°33	10°46	27°45	5°11	8°32	27°25	17°58	16°32	23°40	22°58	T 4
F 5	0 54 36	11°54'59	6♐ 9	9° 5	17°31	9°10	10°45	27°50	5°12	8°31	27°25	17°52	16°28	23°46	22°56	F 5
S 6	0 58 33	12°53'29	20°39	10°57	18°46	9°47	10°44	27°56	5°14	8°30	27°26	17°48	16°25	23°53	22°53	S 6
S 7	1 2 29	13°52'00	4♑49	12°48	20° 0	10°23	10°43	28° 2	5°15	8°28	27°26	17°45	16°22	24° 0	22°51	S 7
M 8	1 6 26	14°50'33	18°37	14°39	21°15	10°59	10°41	28° 8	5°16	8°27	27°27	17°D45	16°19	24° 6	22°48	M 8
T 9	1 10 23	15°49'08	2♒ 5	16°29	22°29	11°36	10°39	28°14	5°17	8°26	27°27	17°46	16°16	24°13	22°45	T 9
W10	1 14 19	16°47'44	15°15	18°17	23°44	12°12	10°38	28°20	5°19	8°25	27°28	17°R46	16°12	24°20	22°43	W10
T 11	1 18 16	17°46'22	28° 9	20° 5	24°59	12°48	10°35	28°26	5°20	8°23	27°28	17°46	16° 9	24°27	22°40	T 11
F 12	1 22 12	18°45'01	10♓50	21°52	26°13	13°23	10°33	28°32	5°21	8°22	27°28	17°44	16° 6	24°33	22°37	F 12
S 13	1 26 9	19°43'42	23°20	23°38	27°28	13°59	10°31	28°38	5°23	8°21	27°29	17°38	16° 3	24°40	22°34	S 13
S 14	1 30 5	20°42'25	5♈41	25°23	28°42	14°35	10°28	28°44	5°24	8°20	27°29	17°31	16° 0	24°47	22°32	S 14
M15	1 34 2	21°41'10	17°53	27° 7	29°57	15°10	10°25	28°50	5°26	8°19	27°30	17°21	15°57	24°54	22°29	M15
T 16	1 37 58	22°39'56	29°58	28°50	1♏12	15°46	10°22	28°57	5°28	8°18	27°30	17° 9	15°53	25° 0	22°26	T 16
W17	1 41 55	23°38'45	11♉57	0♏32	2°26	16°21	10°18	29° 3	5°29	8°17	27°30	16°56	15°50	25° 7	22°24	W17
T 18	1 45 52	24°37'36	23°52	2°13	3°41	16°56	10°15	29° 9	5°31	8°16	27°30	16°44	15°47	25°14	22°21	T 18
F 19	1 49 48	25°36'28	5♊43	3°54	4°55	17°31	10°11	29°16	5°33	8°15	27°31	16°33	15°44	25°20	22°18	F 19
S 20	1 53 45	26°35'23	17°34	5°33	6°10	18° 6	10° 7	29°22	5°35	8°14	27°31	16°24	15°41	25°27	22°16	S 20
S 21	1 57 41	27°34'20	29°28	7°12	7°25	18°41	10° 3	29°29	5°36	8°13	27°31	16°18	15°38	25°34	22°13	S 21
M22	2 1 38	28°33'20	11♋28	8°50	8°39	19°15	9°59	29°35	5°38	8°12	27°31	16°15	15°34	25°41	22°10	M22
T 23	2 5 34	29°32'21	23°40	10°26	9°54	19°50	9°55	29°42	5°40	8°11	27°31	16°14	15°31	25°47	22° 8	T 23
W24	2 9 31	0♏31'25	6♌ 8	12° 3	11° 8	20°24	9°50	29°48	5°42	8°10	27°31	16°D13	15°28	25°54	22° 5	W24
T 25	2 13 27	1°30'31	18°57	13°38	12°23	20°58	9°45	29°55	5°44	8°10	27°31	16°R14	15°25	26° 1	22° 2	T 25
F 26	2 17 24	2°29'39	2♍13	15°12	13°38	21°32	9°40	0♐ 1	5°46	8° 9	27°32	16°13	15°22	26° 7	22° 0	F 26
S 27	2 21 21	3°28'50	15°57	16°46	14°52	22° 6	9°35	0° 8	5°48	8° 8	27°32	16°10	15°18	26°14	21°57	S 27
S 28	2 25 17	4°28'02	0♎11	18°19	16° 7	22°40	9°30	0°15	5°51	8° 7	27°R32	16° 4	15°15	26°21	21°54	S 28
M29	2 29 14	5°27'17	14°52	19°52	17°22	23°14	9°24	0°22	5°53	8° 7	27°32	15°56	15°12	26°28	21°52	M29
T 30	2 33 10	6°26'34	29°55	21°23	18°36	23°47	9°19	0°28	5°55	8° 6	27°32	15°46	15° 9	26°34	21°49	T 30
W31	2 37 7	7♏25'53	15♏10	22♏54	19♏51	24♌21	9♊13	0♐35	5♑57	8♓ 5	27♋31	15♒35	15♒ 6	26♉41	21♈47	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸		⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s10	6s 9	3s49	1n 3	1n47	3s42	1n20	19n20	0n53	20n50	1s 6	17s30	2n 2	23s26	0s14	8s42	0s26	17n36	3s 0	15s14	15s44	23n26	10n11	1n21
T 2	3 33	12 34	4 34	0 17	1 46	4 12	1 19	19 12	0 54	20 50	1 6	17 31	2 2	23 26	0 14	8 43	0 26	17 36	3 0	15 16	15 45	23 28	10 10	1 21
W 3	3 55	18 18	5 0	0s30	1 44	4 41	1 18	19 3	0 55	20 50	1 6	17 33	2 1	23 26	0 14	8 43	0 26	17 36	3 0	15 19	15 46	23 29	10 9	1 21
T 4	4 18	22 54	5 5	1 17	1 42	5 11	1 17	18 54	0 56	20 50	1 6	17 34	2 1	23 26	0 14	8 44	0 26	17 36	3 1	15 21	15 47	23 31	10 8	1 21
F 5	4 41	25 58	4 51	2 4	1 38	5 40	1 16	18 46	0 57	20 50	1 6	17 35	2 1	23 26	0 14	8 44	0 26	17 36	3 1	15 23	15 48	23 32	10 7	1 21
S 6	5 4	27 15	4 17	2 51	1 35	6 9	1 15	18 37	0 58	20 49	1 6	17 37	2 1	23 26	0 14	8 45	0 26	17 36	3 1	15 24	15 49	23 34	10 6	1 21
S 7	5 26	26 41	3 29	3 38	1 31	6 38	1 13	18 28	0 59	20 49	1 6	17 38	2 1	23 26	0 14	8 45	0 26	17 35	3 1	15 25	15 50	23 36	10 5	1 21
M 8	5 49	24 28	2 29	4 25	1 26	7 7	1 12	18 19	1 0	20 49	1 7	17 40	2 1	23 26	0 14	8 46	0 26	17 35	3 1	15 25	15 51	23 37	10 4	1 21
T 9	6 11	20 55	1 23	5 11	1 22	7 36	1 11	18 10	1 1	20 48	1 7	17 41	2 0	23 26	0 14	8 46	0 26	17 35	3 1	15 25	15 52	23 39	10 3	1 21
W10	6 34	16 23	0 13	5 57	1 17	8 5	1 10	18 1	1 2	20 48	1 7	17 43	2 0	23 26	0 14	8 46	0 26	17 35	3 1	15 25	15 53	23 40	10 2	1 21
T 11	6 56	11 11	0n55	6 42	1 11	8 33	1 8	17 52	1 3	20 48	1 7	17 44	2 0	23 25	0 14	8 47	0 26	17 35	3 1	15 25	15 54	23 42	10 1	1 21
F 12	7 18	5 36	2 0	7 27	1 5	9 1	1 7	17 43	1 4	20 47	1 7	17 46	2 0	23 25	0 14	8 47	0 26	17 35	3 1	15 26	15 55	23 43	10 0	1 21
S 13	7 40	0n 5	2 58	8 12	1 0	9 29	1 5	17 34	1 5	20 47	1 7	17 47	2 0	23 25	0 14	8 48	0 26	17 35	3 1	15 27	15 56	23 45	9 59	1 21
S 14	8 2	5 42	3 46	8 56	0 53	9 57	1 4	17 24	1 6	20 46	1 7	17 49	2 0	23 25	0 14	8 48	0 26	17 35	3 1	15 29	15 57	23 47	9 58	1 20
M15	8 24	11 2	4 23	9 39	0 47	10 25	1 2	17 15	1 7	20 46	1 7	17 50	1 59	23 25	0 14	8 49	0 26	17 35	3 1	15 32	15 58	23 48	9 57	1 20
T 16	8 46	15 53	4 48	10 21	0 41	10 52	1 1	17 6	1 8	20 45	1 7	17 51	1 59	23 25	0 14	8 49	0 26	17 35	3 1	15 36	15 58	23 50	9 55	1 20
W17	9 7	20 5	5 1	11 3	0 34	11 19	0 59	16 56	1 9	20 45	1 7	17 53	1 59	23 25	0 14	8 49	0 26	17 35	3 1	15 40	15 59	23 51	9 54	1 20
T 18	9 29	23 27	4 59	11 45	0 27	11 46	0 57	16 47	1 10	20 44	1 8	17 54	1 59	23 25	0 14	8 50	0 26	17 35	3 1	15 43	16 0	23 53	9 53	1 20
F 19	9 50	25 48	4 45	12 25	0 21	12 13	0 55	16 37	1 11	20 43	1 8	17 56	1 59	23 25	0 14	8 50	0 26	17 34	3 1	15 47	16 1	23 54	9 52	1 20
S 20	10 12	27 0	4 19	13 5	0 14	12 39	0 53	16 27	1 12	20 43	1 8	17 57	1 59	23 25	0 14	8 50	0 26	17 34	3 1	15 49	16 2	23 56	9 51	1 20
S 21	10 33	26 58	3 41	13 43	0 7	13 5	0 52	16 18	1 13	20 42	1 8	17 59	1 59	23 25	0 14	8 51	0 26	17 34	3 1	15 51	16 3	23 57	9 50	1 20
M22	10 54	25 40	2 53	14 22	0s 0	13 31	0 50	16 8	1 14	20 41	1 8	18 0	1 58	23 25	0 14	8 51	0 26	17 34	3 1	15 52	16 4	23 59	9 49	1 20
T 23	11 14	23 9	1 57	14 59	0 7	13 56	0 48	15 58	1 15	20 41	1 8	18 2	1 58	23 25	0 14	8 51	0 26	17 34	3 1	15 53	16 5	24 0	9 48	1 20
W24	11 35	19 29	0 53	15 35	0 15	14 21	0 46	15 48	1 16	20 40	1 8	18 3	1 58	23 25	0 14	8 52	0 26	17 34	3 1	15 53	16 6	24 2	9 47	1 20
T 25	11 56	14 49	0s14	16 11	0 22	14 46	0 44	15 39	1 18	20 39	1 8	18 5	1 58	23 24	0 14	8 52	0 26	17 34	3 1	15 52	16 7	24 3	9 46	1 20
F 26	12 16	9 19	1 24	16 45	0 29	15 10	0 42	15 29	1 19	20 38	1 8	18 6	1 58	23 24	0 14	8 52	0 26	17 34	3 1	15 53	16 8	24 5	9 45	1 20
S 27	12 36	3 12	2 30	17 19	0 36	15 34	0 39	15 19	1 20	20 38	1 8	18 8	1 58	23 24	0 14	8 53	0 26	17 34	3 1	15 54	16 9	24 6	9 44	1 19
S 28	12 56	3s17	3 30	17 52	0 43	15 58	0 37	15 9	1 21	20 37	1 8	18 9	1 58	23 24	0 14	8 53	0 26	17 34	3 1	15 55	16 10	24 7	9 43	1 19
M29	13 16	9 47	4 18	18 24	0 50	16 21	0 35	14 59	1 22	20 36	1 8	18 11	1 58	23 24	0 14	8 53	0 26	17 34	3 1	15 58	16 11	24 9	9 42	1 19
T 30	13 35	15 53	4 49	18 55	0 57	16 44	0 33	14 49	1 23	20 35	1 8	18 12	1 58	23 24	0 14	8 53	0 26	17 34	3 1	16 1	16 12	24 10	9 41	1 19
W31	13s54	21s 4	5s 0	19s25	1s 4	17s 6	0n31	14n39	1n24	20n34	1s 8	18s14	1n57	23s24	0s14	8s54	0s26	17n34	3s 1	16s 4	16s12	24n12	9n39	1n19

Julian Day Number = 2876229.5, Delta T = 01h13m56s
Ecliptic obliquity = 23°17'27, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°01'24, Lahiri = 40°08'25

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ASTRODIENST EPHEMERIS for the year 3162
geocentric

NOVEMBER 3162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 41 3	8♏25'14	0♐26	24♏24	21♏ 6	24♌54	9°R 7	0♐42	6♑ 0	8°R 5	27°R31	15°R24	15♒ 3	26♉48	21°R44	T 1
F 2	2 45 0	9°24'37	15°31	25°54	22°20	25°27	9♊ 1	0°49	6° 2	8♓ 4	27♋31	15♒15	14°59	26°55	21♈42	F 2
S 3	2 48 56	10°24'02	0♑18	27°22	23°35	25°59	8°55	0°56	6° 5	8° 3	27°31	15° 8	14°56	27° 1	21°39	S 3
S 4	2 52 53	11°23'28	14°40	28°50	24°50	26°32	8°48	1° 3	6° 7	8° 3	27°31	15° 4	14°53	27° 8	21°36	S 4
M 5	2 56 50	12°22'56	28°35	0♐18	26° 5	27° 5	8°42	1°10	6° 9	8° 2	27°31	15° 2	14°50	27°15	21°34	M 5
T 6	3 0 46	13°22'26	12♒ 4	1°44	27°19	27°37	8°35	1°17	6°12	8° 2	27°31	15° 1	14°47	27°21	21°32	T 6
W 7	3 4 43	14°21'57	25° 9	3°10	28°34	28° 9	8°29	1°24	6°15	8° 2	27°30	15° 1	14°44	27°28	21°29	W 7
T 8	3 8 39	15°21'30	7♓55	4°35	29°49	28°41	8°22	1°31	6°17	8° 1	27°30	15° 0	14°40	27°35	21°27	T 8
F 9	3 12 36	16°21'05	20°25	5°59	1♐ 3	29°13	8°15	1°38	6°20	8° 1	27°30	14°57	14°37	27°42	21°24	F 9
S 10	3 16 32	17°20'41	2♈43	7°22	2°18	29°44	8° 8	1°45	6°22	8° 0	27°30	14°51	14°34	27°48	21°22	S 10
S 11	3 20 29	18°20'20	14°52	8°44	3°33	0♍16	8° 0	1°52	6°25	8° 0	27°29	14°42	14°31	27°55	21°20	S 11
M12	3 24 25	19°19'59	26°54	10° 6	4°47	0°47	7°53	1°59	6°28	8° 0	27°29	14°30	14°28	28° 2	21°17	M12
T 13	3 28 22	20°19'41	8♉51	11°26	6° 2	1°18	7°46	2° 6	6°31	8° 0	27°29	14°16	14°24	28° 8	21°15	T 13
W14	3 32 19	21°19'25	20°46	12°45	7°17	1°49	7°38	2°13	6°34	7°59	27°28	14° 1	14°21	28°15	21°13	W14
T 15	3 36 15	22°19'11	2♊38	14° 3	8°31	2°20	7°31	2°20	6°36	7°59	27°28	13°47	14°18	28°22	21°11	T 15
F 16	3 40 12	23°18'58	14°30	15°20	9°46	2°50	7°23	2°28	6°39	7°59	27°27	13°34	14°15	28°29	21° 8	F 16
S 17	3 44 8	24°18'48	26°23	16°35	11° 1	3°21	7°15	2°35	6°42	7°59	27°27	13°24	14°12	28°35	21° 6	S 17
S 18	3 48 5	25°18'40	8♋19	17°49	12°15	3°51	7° 7	2°42	6°45	7°59	27°27	13°16	14° 9	28°42	21° 4	S 18
M19	3 52 1	26°18'33	20°22	19° 2	13°30	4°21	6°59	2°49	6°48	7°D59	27°26	13°12	14° 5	28°49	21° 2	M19
T 20	3 55 58	27°18'29	2♌34	20°12	14°45	4°50	6°52	2°56	6°51	7°59	27°26	13°10	14° 2	28°55	21° 0	T 20
W21	3 59 54	28°18'27	15° 0	21°21	15°59	5°20	6°44	3° 4	6°54	7°59	27°25	13°D 9	13°59	29° 2	20°58	W21
T 22	4 3 51	29°18'27	27°46	22°27	17°14	5°49	6°36	3°11	6°57	7°59	27°25	13°R 9	13°56	29° 9	20°56	T 22
F 23	4 7 48	0♐18'29	10♍54	23°30	18°29	6°18	6°27	3°18	7° 0	7°59	27°24	13° 9	13°53	29°16	20°54	F 23
S 24	4 11 44	1°18'33	24°29	24°31	19°43	6°47	6°19	3°25	7° 3	7°59	27°23	13° 7	13°50	29°22	20°52	S 24
S 25	4 15 41	2°18'39	8♎34	25°29	20°58	7°15	6°11	3°32	7° 7	7°59	27°23	13° 2	13°46	29°29	20°50	S 25
M26	4 19 37	3°18'47	23° 7	26°23	22°13	7°43	6° 3	3°40	7°10	8° 0	27°22	12°55	13°43	29°36	20°48	M26
T 27	4 23 34	4°18'57	8♏ 4	27°14	23°28	8°12	5°55	3°47	7°13	8° 0	27°21	12°46	13°40	29°42	20°47	T 27
W28	4 27 30	5°19'09	23°19	28° 0	24°42	8°39	5°47	3°54	7°16	8° 0	27°21	12°36	13°37	29°49	20°45	W28
T 29	4 31 27	6°19'23	8♐39	28°41	25°57	9° 7	5°39	4° 1	7°19	8° 0	27°20	12°26	13°34	29°56	20°43	T 29
F 30	4 35 23	7♐19'39	23♐54	29♐16	27♐12	9♍34	5♊30	4♐ 9	7♑23	8♓ 1	27♋19	12♒17	13♒30	0♊ 3	20♈42	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s13	24s50	4s50	19s53	1s10	17s28	0n28	14n29	1n25	20n33	1s 8	18s15	1n57	23s24	0s14	8s54	0s26	17n34	3s 1	16s 7	16s13	24n13	9n38	1n19
F 2	14 32	26 49	4 20	20 21	1 17	17 49	0 26	14 19	1 26	20 32	1 8	18 17	1 57	23 24	0 14	8 54	0 26	17 34	3 1	16 10	16 14	24 15	9 37	1 19
S 3	14 51	26 50	3 33	20 48	1 24	18 10	0 24	14 9	1 28	20 31	1 9	18 18	1 57	23 24	0 14	8 54	0 26	17 34	3 1	16 12	16 15	24 16	9 36	1 19
S 4	15 9	25 1	2 33	21 14	1 30	18 31	0 21	13 59	1 29	20 30	1 9	18 20	1 57	23 23	0 14	8 54	0 26	17 34	3 1	16 13	16 16	24 17	9 35	1 19
M 5	15 27	21 43	1 26	21 39	1 36	18 51	0 19	13 49	1 30	20 29	1 9	18 21	1 57	23 23	0 14	8 55	0 26	17 34	3 1	16 14	16 17	24 19	9 34	1 19
T 6	15 45	17 19	0 16	22 3	1 42	19 10	0 16	13 39	1 31	20 28	1 9	18 23	1 57	23 23	0 14	8 55	0 26	17 34	3 1	16 14	16 18	24 20	9 33	1 18
W 7	16 3	12 13	0n53	22 26	1 48	19 29	0 14	13 29	1 32	20 27	1 9	18 24	1 57	23 23	0 14	8 55	0 26	17 34	3 1	16 14	16 19	24 21	9 32	1 18
T 8	16 20	6 43	1 58	22 48	1 54	19 48	0 12	13 19	1 33	20 26	1 9	18 26	1 57	23 23	0 14	8 55	0 26	17 34	3 1	16 14	16 20	24 23	9 31	1 18
F 9	16 37	1 5	2 55	23 8	2 0	20 6	0 9	13 9	1 35	20 25	1 9	18 27	1 57	23 23	0 14	8 55	0 26	17 34	3 1	16 15	16 21	24 24	9 30	1 18
S 10	16 54	4n29	3 43	23 28	2 5	20 23	0 7	12 59	1 36	20 24	1 9	18 29	1 57	23 23	0 14	8 55	0 26	17 34	3 1	16 17	16 22	24 26	9 29	1 18
S 11	17 11	9 49	4 20	23 46	2 11	20 40	0 4	12 49	1 37	20 23	1 9	18 30	1 56	23 23	0 14	8 55	0 26	17 34	3 1	16 19	16 23	24 27	9 28	1 18
M12	17 27	14 45	4 46	24 4	2 15	20 56	0 2	12 40	1 38	20 22	1 9	18 32	1 56	23 22	0 14	8 56	0 26	17 34	3 1	16 23	16 24	24 28	9 27	1 18
T 13	17 43	19 4	4 58	24 20	2 20	21 12	0s 1	12 30	1 39	20 20	1 9	18 33	1 56	23 22	0 14	8 56	0 26	17 34	3 1	16 27	16 24	24 30	9 26	1 18
W14	17 59	22 37	4 57	24 35	2 25	21 27	0 3	12 20	1 41	20 19	1 9	18 35	1 56	23 22	0 14	8 56	0 26	17 35	3 1	16 31	16 25	24 31	9 26	1 18
T 15	18 14	25 12	4 44	24 48	2 29	21 41	0 6	12 10	1 42	20 18	1 8	18 36	1 56	23 22	0 14	8 56	0 26	17 35	3 1	16 35	16 26	24 32	9 25	1 17
F 16	18 29	26 40	4 18	25 1	2 32	21 55	0 9	12 0	1 43	20 17	1 8	18 38	1 56	23 22	0 14	8 56	0 26	17 35	3 1	16 39	16 27	24 34	9 24	1 17
S 17	18 44	26 55	3 40	25 12	2 36	22 8	0 11	11 51	1 44	20 16	1 8	18 39	1 56	23 22	0 14	8 56	0 26	17 35	3 1	16 42	16 28	24 35	9 23	1 17
S 18	18 58	25 55	2 53	25 23	2 39	22 21	0 14	11 41	1 46	20 14	1 8	18 40	1 56	23 22	0 14	8 56	0 26	17 35	3 1	16 44	16 29	24 36	9 22	1 17
M19	19 12	23 42	1 58	25 31	2 42	22 33	0 16	11 31	1 47	20 13	1 8	18 42	1 56	23 21	0 14	8 56	0 26	17 35	3 1	16 45	16 30	24 37	9 21	1 17
T 20	19 26	20 22	0 56	25 39	2 44	22 44	0 19	11 22	1 48	20 12	1 8	18 43	1 56	23 21	0 14	8 56	0 26	17 35	3 1	16 46	16 31	24 39	9 20	1 17
W21	19 40	16 5	0s10	25 46	2 45	22 55	0 21	11 12	1 50	20 11	1 8	18 45	1 56	23 21	0 14	8 56	0 26	17 35	3 1	16 46	16 32	24 40	9 19	1 17
T 22	19 53	10 59	1 17	25 51	2 47	23 5	0 24	11 2	1 51	20 9	1 8	18 46	1 56	23 21	0 14	8 56	0 26	17 35	3 1	16 46	16 33	24 41	9 18	1 17
F 23	20 5	5 15	2 22	25 55	2 47	23 14	0 26	10 53	1 52	20 8	1 8	18 47	1 56	23 21	0 14	8 56	0 26	17 35	3 1	16 46	16 34	24 43	9 18	1 17
S 24	20 18	0s54	3 21	25 58	2 47	23 23	0 29	10 44	1 53	20 7	1 8	18 49	1 56	23 21	0 14	8 56	0 26	17 35	3 1	16 47	16 34	24 44	9 17	1 16
S 25	20 30	7 12	4 10	25 59	2 46	23 30	0 31	10 34	1 55	20 5	1 8	18 50	1 56	23 20	0 14	8 56	0 26	17 36	3 1	16 48	16 35	24 45	9 16	1 16
M26	20 41	13 20	4 45	25 59	2 45	23 38	0 34	10 25	1 56	20 4	1 8	18 52	1 56	23 20	0 14	8 56	0 26	17 36	3 1	16 50	16 36	24 46	9 15	1 16
T 27	20 52	18 52	5 1	25 58	2 43	23 44	0 36	10 16	1 57	20 3	1 8	18 53	1 56	23 20	0 14	8 56	0 26	17 36	3 1	16 52	16 37	24 48	9 14	1 16
W28	21 3	23 17	4 57	25 56	2 40	23 50	0 39	10 7	1 59	20 2	1 8	18 54	1 56	23 20	0 14	8 55	0 26	17 36	3 1	16 55	16 38	24 49	9 14	1 16
T 29	21 14	26 5	4 32	25 53	2 36	23 55	0 41	9 58	2 0	20 0	1 8	18 56	1 56	23 20	0 14	8 55	0 26	17 36	3 1	16 58	16 39	24 50	9 13	1 16
F 30	21s24	26s56	3s47	25s48	2s30	23s59	0s44	9n49	2n 2	19n59	1s 7	18s57	1n55	23s20	0s14	8s55	0s26	17n36	3s 1	17s 1	16s40	24n51	9n12	1n16

Julian Day Number = 2876260.5, Delta T = 01h13m56s
Ecliptic obliquity = 23°17'26, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°01'28, Lahiri = 40°08'29

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ASTRODIENST EPHEMERIS for the year 3162
geocentric

DECEMBER 3162 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 39 20	8♐19'56	8♑53	29♐46	28♐26	10♍ 1	5°R22	4♐16	7♑26	8♓ 1	27°R19	12°R11	13♒27	0♊ 9	20°R40	S 1
S 2	4 43 17	9°20'15	23°28	0♑ 8	29°41	10°28	5♊14	4°23	7°29	8° 2	27♋18	12♒ 7	13°24	0°16	20♈38	S 2
M 3	4 47 13	10°20'35	7♒34	0°23	0♑56	10°54	5° 6	4°30	7°33	8° 2	27°17	12°D 5	13°21	0°23	20°37	M 3
T 4	4 51 10	11°20'56	21°12	0°R30	2°10	11°21	4°58	4°37	7°36	8° 3	27°16	12° 5	13°18	0°30	20°35	T 4
W 5	4 55 6	12°21'19	4♓23	0°27	3°25	11°46	4°50	4°45	7°39	8° 3	27°16	12° 6	13°15	0°36	20°34	W 5
T 6	4 59 3	13°21'43	17°10	0°15	4°40	12°12	4°42	4°52	7°43	8° 4	27°15	12°R 6	13°11	0°43	20°33	T 6
F 7	5 2 59	14°22'08	29°38	29♐53	5°54	12°37	4°34	4°59	7°46	8° 4	27°14	12° 5	13° 8	0°50	20°31	F 7
S 8	5 6 56	15°22'35	11♈51	29°21	7° 9	13° 2	4°26	5° 6	7°50	8° 5	27°13	12° 1	13° 5	0°56	20°30	S 8
S 9	5 10 52	16°23'02	23°55	28°38	8°24	13°27	4°18	5°13	7°53	8° 5	27°12	11°55	13° 2	1° 3	20°29	S 9
M10	5 14 49	17°23'31	5♉51	27°44	9°38	13°51	4°10	5°20	7°57	8° 6	27°11	11°47	12°59	1°10	20°28	M10
T 11	5 18 46	18°24'02	17°44	26°42	10°53	14°15	4° 3	5°27	8° 0	8° 7	27°10	11°37	12°56	1°17	20°26	T 11
W12	5 22 42	19°24'34	29°36	25°31	12° 8	14°39	3°55	5°34	8° 4	8° 8	27° 9	11°27	12°52	1°23	20°25	W12
T 13	5 26 39	20°25'07	11♊29	24°14	13°22	15° 3	3°48	5°42	8° 7	8° 8	27° 8	11°16	12°49	1°30	20°24	T 13
F 14	5 30 35	21°25'41	23°24	22°53	14°37	15°26	3°40	5°49	8°11	8° 9	27° 8	11° 7	12°46	1°37	20°23	F 14
S 15	5 34 32	22°26'17	5♋23	21°31	15°52	15°48	3°33	5°56	8°14	8°10	27° 7	10°59	12°43	1°43	20°22	S 15
S 16	5 38 28	23°26'54	17°28	20°10	17° 6	16°11	3°26	6° 3	8°18	8°11	27° 6	10°54	12°40	1°50	20°21	S 16
M17	5 42 25	24°27'33	29°39	18°53	18°21	16°33	3°18	6°10	8°21	8°12	27° 5	10°51	12°36	1°57	20°21	M17
T 18	5 46 22	25°28'13	12♌ 0	17°43	19°35	16°54	3°11	6°17	8°25	8°13	27° 4	10°D51	12°33	2° 4	20°20	T 18
W19	5 50 18	26°28'54	24°33	16°41	20°50	17°16	3° 5	6°24	8°29	8°14	27° 3	10°51	12°30	2°10	20°19	W19
T 20	5 54 15	27°29'37	7♍21	15°50	22° 5	17°37	2°58	6°31	8°32	8°15	27° 2	10°53	12°27	2°17	20°18	T 20
F 21	5 58 11	28°30'21	20°28	15° 9	23°19	17°57	2°51	6°37	8°36	8°16	27° 0	10°54	12°24	2°24	20°18	F 21
S 22	6 2 8	29°31'07	3♎57	14°40	24°34	18°17	2°45	6°44	8°40	8°17	26°59	10°R54	12°21	2°30	20°17	S 22
S 23	6 6 4	0♑31'54	17°50	14°23	25°48	18°37	2°38	6°51	8°43	8°18	26°58	10°53	12°17	2°37	20°17	S 23
M24	6 10 1	1°32'43	2♏ 7	14°D16	27° 3	18°56	2°32	6°58	8°47	8°19	26°57	10°50	12°14	2°44	20°16	M24
T 25	6 13 57	2°33'33	16°46	14°20	28°17	19°15	2°26	7° 5	8°50	8°20	26°56	10°45	12°11	2°51	20°16	T 25
W26	6 17 54	3°34'24	1♐42	14°34	29°32	19°33	2°20	7°11	8°54	8°21	26°55	10°39	12° 8	2°57	20°15	W26
T 27	6 21 51	4°35'17	16°48	14°57	0♒46	19°51	2°14	7°18	8°58	8°23	26°54	10°34	12° 5	3° 4	20°15	T 27
F 28	6 25 47	5°36'11	1♑53	15°28	2° 1	20° 9	2° 9	7°25	9° 1	8°24	26°53	10°29	12° 2	3°11	20°15	F 28
S 29	6 29 44	6°37'06	16°49	16° 6	3°16	20°25	2° 3	7°31	9° 5	8°25	26°52	10°25	11°58	3°17	20°15	S 29
S 30	6 33 40	7°38'01	1♒26	16°51	4°30	20°42	1°58	7°38	9° 9	8°26	26°50	10°23	11°55	3°24	20°15	S 30
M31	6 37 37	8♑38'57	15♒39	17♐41	5♒45	20♍58	1♊53	7♐45	9♑12	8♓28	26♋49	10°D23	11♒52	3♊31	20♈14	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s34	25s46	2s47	25s42	2s24	24s 3	0s46	9n40	2n 3	19n58	1s 7	18s58	1n55	23s19	0s14	8s55	0s26	17n36	3s 1	17s 2	16s41	24n52	9n11	1n16
S 2	21 43	22 52	1 38	25 34	2 17	24 6	0 48	9 31	2 4	19 56	1 7	19 0	1 55	23 19	0 14	8 55	0 26	17 36	3 1	17 3	16 42	24 54	9 11	1 15
M 3	21 52	18 39	0 24	25 25	2 8	24 8	0 51	9 22	2 6	19 55	1 7	19 1	1 55	23 19	0 14	8 55	0 26	17 37	3 1	17 4	16 43	24 55	9 10	1 15
T 4	22 0	13 35	0n49	25 15	1 58	24 10	0 53	9 14	2 7	19 54	1 7	19 2	1 55	23 19	0 14	8 54	0 26	17 37	3 1	17 4	16 43	24 56	9 9	1 15
W 5	22 8	8 2	1 56	25 4	1 46	24 10	0 55	9 5	2 9	19 52	1 7	19 4	1 55	23 19	0 14	8 54	0 26	17 37	3 1	17 4	16 44	24 57	9 9	1 15
T 6	22 16	2 20	2 56	24 51	1 33	24 10	0 58	8 57	2 10	19 51	1 7	19 5	1 55	23 18	0 14	8 54	0 26	17 37	3 1	17 3	16 45	24 58	9 8	1 15
F 7	22 23	3n19	3 46	24 36	1 19	24 9	1 0	8 49	2 12	19 50	1 6	19 6	1 55	23 18	0 14	8 54	0 26	17 37	3 1	17 4	16 46	25 0	9 7	1 15
S 8	22 30	8 43	4 24	24 20	1 3	24 8	1 2	8 40	2 13	19 49	1 6	19 7	1 55	23 18	0 14	8 54	0 26	17 37	3 1	17 5	16 47	25 1	9 7	1 15
S 9	22 36	13 43	4 50	24 2	0 45	24 6	1 4	8 32	2 15	19 47	1 6	19 9	1 55	23 18	0 14	8 53	0 26	17 38	3 1	17 7	16 48	25 2	9 6	1 15
M10	22 42	18 10	5 3	23 43	0 27	24 3	1 6	8 24	2 16	19 46	1 6	19 10	1 55	23 18	0 14	8 53	0 26	17 38	3 1	17 9	16 49	25 3	9 6	1 14
T 11	22 47	21 52	5 3	23 22	0 7	23 59	1 9	8 17	2 18	19 45	1 6	19 11	1 55	23 17	0 14	8 53	0 26	17 38	3 1	17 12	16 50	25 4	9 5	1 14
W12	22 52	24 40	4 50	23 0	0n13	23 55	1 11	8 9	2 19	19 44	1 6	19 12	1 55	23 17	0 14	8 53	0 26	17 38	3 1	17 14	16 51	25 5	9 5	1 14
T 13	22 57	26 23	4 24	22 37	0 33	23 50	1 13	8 1	2 21	19 42	1 5	19 14	1 55	23 17	0 14	8 52	0 26	17 38	3 1	17 17	16 52	25 6	9 4	1 14
F 14	23 1	26 54	3 47	22 13	0 54	23 44	1 15	7 54	2 22	19 41	1 5	19 15	1 55	23 17	0 14	8 52	0 26	17 38	3 1	17 20	16 52	25 7	9 4	1 14
S 15	23 5	26 10	2 59	21 48	1 13	23 37	1 16	7 46	2 24	19 40	1 5	19 16	1 55	23 17	0 14	8 52	0 26	17 39	3 1	17 22	16 53	25 9	9 3	1 14
S 16	23 8	24 11	2 3	21 25	1 31	23 30	1 18	7 39	2 25	19 39	1 5	19 17	1 55	23 16	0 14	8 51	0 26	17 39	3 1	17 23	16 54	25 10	9 3	1 14
M17	23 11	21 5	1 0	21 2	1 48	23 22	1 20	7 32	2 27	19 38	1 5	19 18	1 55	23 16	0 14	8 51	0 26	17 39	3 1	17 24	16 55	25 11	9 2	1 13
T 18	23 13	16 59	0s 6	20 42	2 2	23 13	1 22	7 25	2 29	19 37	1 5	19 20	1 55	23 16	0 14	8 51	0 26	17 39	3 1	17 24	16 56	25 12	9 2	1 13
W19	23 15	12 6	1 14	20 24	2 15	23 4	1 24	7 19	2 30	19 35	1 4	19 21	1 56	23 16	0 14	8 50	0 26	17 40	3 1	17 24	16 57	25 13	9 1	1 13
T 20	23 16	6 36	2 19	20 8	2 25	22 54	1 25	7 12	2 32	19 34	1 4	19 22	1 56	23 16	0 15	8 50	0 26	17 40	3 1	17 24	16 58	25 14	9 1	1 13
F 21	23 17	0 43	3 18	19 56	2 33	22 43	1 27	7 5	2 33	19 33	1 4	19 23	1 56	23 15	0 15	8 50	0 26	17 40	3 1	17 23	16 59	25 15	9 1	1 13
S 22	23 17	5s22	4 8	19 47	2 38	22 32	1 29	6 59	2 35	19 32	1 4	19 24	1 56	23 15	0 15	8 49	0 26	17 40	3 1	17 23	17 0	25 16	9 0	1 13
S 23	23 17	11 21	4 46	19 42	2 42	22 20	1 30	6 53	2 37	19 31	1 3	19 25	1 56	23 15	0 15	8 49	0 26	17 40	3 1	17 24	17 0	25 17	9 0	1 13
M24	23 17	16 56	5 7	19 39	2 44	22 7	1 31	6 47	2 38	19 30	1 3	19 26	1 56	23 15	0 15	8 48	0 26	17 41	3 1	17 25	17 1	25 18	9 0	1 13
T 25	23 16	21 40	5 9	19 40	2 44	21 53	1 33	6 41	2 40	19 29	1 3	19 27	1 56	23 14	0 15	8 48	0 26	17 41	3 1	17 26	17 2	25 19	8 59	1 12
W26	23 15	25 6	4 50	19 42	2 43	21 39	1 34	6 36	2 42	19 28	1 3	19 28	1 56	23 14	0 15	8 47	0 26	17 41	3 1	17 27	17 3	25 20	8 59	1 12
T 27	23 13	26 48	4 11	19 48	2 40	21 25	1 35	6 30	2 44	19 27	1 3	19 29	1 56	23 14	0 15	8 47	0 26	17 41	3 1	17 29	17 4	25 21	8 59	1 12
F 28	23 10	26 31	3 14	19 54	2 37	21 9	1 37	6 25	2 45	19 27	1 2	19 30	1 56	23 14	0 15	8 46	0 26	17 42	3 1	17 30	17 5	25 22	8 59	1 12
S 29	23 8	24 19	2 5	20 3	2 32	20 54	1 38	6 20	2 47	19 26	1 2	19 31	1 56	23 13	0 15	8 46	0 26	17 42	3 1	17 31	17 6	25 23	8 58	1 12
S 30	23 4	20 31	0 49	20 13	2 27	20 37	1 39	6 15	2 49	19 25	1 2	19 32	1 56	23 13	0 15	8 45	0 26	17 42	3 1	17 32	17 7	25 24	8 58	1 12
M31	23s 1	15s35	0n29	20s23	2n21	20s20	1s40	6n11	2n51	19n24	1s 2	19s33	1n56	23s13	0s15	8s45	0s26	17n42	3s 1	17s32	17s 7	25n25	8n58	1n12

Julian Day Number = 2876290.5, Delta T = 01h13m57s
Ecliptic obliquity = 23°17'26, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°01'33, Lahiri = 40°08'33

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ASTRODIENST EPHEMERIS for the year 3163
geocentric

JANUARY 3163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 41 33	9♉39'54	29♒26	18♐37	6♒59	21♍13	1°R48	7♐51	9♉16	8♓29	26°R48	10♒24	11♒49	3♊38	20°D14	T 1
W 2	6 45 30	10°40'52	12♓45	19°37	8°13	21°28	1♊43	7°58	9°20	8°31	26♋47	10°26	11°46	3°44	20♈14	W 2
T 3	6 49 26	11°41'49	25°39	20°40	9°28	21°43	1°39	8° 4	9°23	8°32	26°46	10°27	11°42	3°51	20°15	T 3
F 4	6 53 23	12°42'48	8♈12	21°47	10°42	21°57	1°34	8°10	9°27	8°33	26°45	10°R28	11°39	3°58	20°15	F 4
S 5	6 57 20	13°43'46	20°27	22°57	11°57	22°10	1°30	8°17	9°31	8°35	26°43	10°28	11°36	4° 4	20°15	S 5
S 6	7 1 16	14°44'46	2♉30	24°10	13°11	22°23	1°26	8°23	9°34	8°36	26°42	10°27	11°33	4°11	20°15	S 6
M 7	7 5 13	15°45'45	14°26	25°24	14°26	22°35	1°22	8°29	9°38	8°38	26°41	10°24	11°30	4°18	20°15	M 7
T 8	7 9 9	16°46'45	26°17	26°41	15°40	22°47	1°18	8°36	9°42	8°39	26°40	10°21	11°27	4°25	20°16	T 8
W 9	7 13 6	17°47'46	8♊ 9	27°59	16°54	22°58	1°15	8°42	9°45	8°41	26°39	10°17	11°23	4°31	20°16	W 9
T 10	7 17 2	18°48'47	20° 3	29°19	18° 8	23° 8	1°12	8°48	9°49	8°43	26°37	10°13	11°20	4°38	20°17	T 10
F 11	7 20 59	19°49'48	2♋ 4	0♉41	19°23	23°18	1° 9	8°54	9°53	8°44	26°36	10°10	11°17	4°45	20°17	F 11
S 12	7 24 56	20°50'50	14°12	2° 3	20°37	23°28	1° 6	9° 0	9°56	8°46	26°35	10° 7	11°14	4°51	20°18	S 12
S 13	7 28 52	21°51'52	26°28	3°27	21°51	23°36	1° 3	9° 6	10° 0	8°48	26°34	10° 5	11°11	4°58	20°18	S 13
M14	7 32 49	22°52'54	8♌55	4°51	23° 5	23°44	1° 1	9°12	10° 3	8°49	26°32	10°D 5	11° 8	5° 5	20°19	M14
T 15	7 36 45	23°53'57	21°33	6°16	24°20	23°52	0°58	9°18	10° 7	8°51	26°31	10° 5	11° 4	5°12	20°20	T 15
W16	7 40 42	24°55'00	4♍24	7°42	25°34	23°58	0°56	9°23	10°11	8°53	26°30	10° 6	11° 1	5°18	20°21	W16
T 17	7 44 38	25°56'04	17°27	9° 9	26°48	24° 4	0°55	9°29	10°14	8°55	26°29	10° 7	10°58	5°25	20°21	T 17
F 18	7 48 35	26°57'08	0♎45	10°36	28° 2	24°10	0°53	9°35	10°18	8°56	26°28	10° 8	10°55	5°32	20°22	F 18
S 19	7 52 31	27°58'13	14°19	12° 4	29°16	24°14	0°52	9°40	10°21	8°58	26°26	10° 9	10°52	5°38	20°23	S 19
S 20	7 56 28	28°59'18	28° 8	13°33	0♓30	24°18	0°50	9°46	10°25	9° 0	26°25	10°R10	10°48	5°45	20°24	S 20
M21	8 0 25	0♒ 0'23	12♏13	15° 2	1°44	24°22	0°49	9°51	10°28	9° 2	26°24	10° 9	10°45	5°52	20°25	M21
T 22	8 4 21	1° 1'29	26°32	16°31	2°58	24°24	0°48	9°57	10°32	9° 4	26°23	10° 9	10°42	5°59	20°26	T 22
W23	8 8 18	2° 2'36	11♐ 3	18° 1	4°12	24°26	0°48	10° 2	10°35	9° 6	26°21	10° 8	10°39	6° 5	20°28	W23
T 24	8 12 14	3° 3'43	25°42	19°31	5°26	24°27	0°47	10° 7	10°39	9° 8	26°20	10° 7	10°36	6°12	20°29	T 24
F 25	8 16 11	4° 4'50	10♑21	21° 2	6°40	24°R27	0°D47	10°13	10°42	9°10	26°19	10° 6	10°33	6°19	20°30	F 25
S 26	8 20 7	5° 5'57	24°56	22°34	7°53	24°26	0°47	10°18	10°46	9°11	26°18	10° 6	10°29	6°25	20°31	S 26
S 27	8 24 4	6° 7'04	9♒19	24° 5	9° 7	24°25	0°48	10°23	10°49	9°13	26°17	10°D 6	10°26	6°32	20°33	S 27
M28	8 28 0	7° 8'11	23°25	25°37	10°21	24°23	0°48	10°28	10°52	9°15	26°15	10° 6	10°23	6°39	20°34	M28
T 29	8 31 57	8° 9'18	7♓10	27°10	11°35	24°20	0°49	10°33	10°56	9°17	26°14	10° 6	10°20	6°45	20°36	T 29
W30	8 35 54	9°10'24	20°32	28°43	12°48	24°16	0°50	10°38	10°59	9°19	26°13	10° 6	10°17	6°52	20°37	W30
T 31	8 39 50	10♒11'30	3♈31	0♒17	14♓ 2	24♍11	0♊51	10♐43	11♉ 3	9♓21	26♋12	10°R 6	10♒14	6♊59	20♈39	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s56	10s 0	1n42	20s35	2n14	20s 2	1s41	6n 6	2n53	19n23	1s 1	19s34	1n56	23s13	0s15	8s44	0s26	17n43	3s 1	17s31	17s 8	25n26	8n58	1n11
W 2	22 52	4 9	2 48	20 46	2 7	19 44	1 42	6 2	2 54	19 23	1 1	19 35	1 56	23 12	0 15	8 44	0 26	17 43	3 1	17 31	17 9	25 27	8 58	1 11
T 3	22 47	1n42	3 43	20 58	2 0	19 25	1 42	5 58	2 56	19 22	1 1	19 36	1 56	23 12	0 15	8 43	0 26	17 43	3 1	17 31	17 10	25 28	8 58	1 11
F 4	22 41	7 18	4 26	21 10	1 52	19 6	1 43	5 54	2 58	19 21	1 1	19 37	1 56	23 12	0 15	8 43	0 26	17 43	3 1	17 30	17 11	25 29	8 58	1 11
S 5	22 35	12 30	4 55	21 22	1 44	18 46	1 44	5 51	3 0	19 21	1 0	19 38	1 56	23 12	0 15	8 42	0 26	17 44	3 0	17 30	17 12	25 30	8 58	1 11
S 6	22 29	17 8	5 11	21 34	1 36	18 25	1 44	5 47	3 2	19 20	1 0	19 39	1 56	23 11	0 15	8 42	0 26	17 44	3 0	17 31	17 13	25 31	8 58	1 11
M 7	22 22	21 3	5 13	21 45	1 28	18 4	1 45	5 44	3 4	19 20	1 0	19 40	1 56	23 11	0 15	8 41	0 26	17 44	3 0	17 31	17 14	25 32	8 58	1 11
T 8	22 15	24 5	5 2	21 55	1 20	17 43	1 45	5 41	3 5	19 19	1 0	19 41	1 57	23 11	0 15	8 41	0 26	17 44	3 0	17 32	17 14	25 33	8 58	1 10
W 9	22 7	26 6	4 38	22 5	1 12	17 21	1 46	5 39	3 7	19 19	0 59	19 42	1 57	23 11	0 15	8 40	0 26	17 45	3 0	17 33	17 15	25 34	8 58	1 10
T 10	21 59	26 56	4 2	22 14	1 3	16 59	1 46	5 36	3 9	19 18	0 59	19 43	1 57	23 10	0 15	8 39	0 26	17 45	3 0	17 34	17 16	25 35	8 58	1 10
F 11	21 50	26 31	3 14	22 22	0 55	16 36	1 46	5 34	3 11	19 18	0 59	19 43	1 57	23 10	0 15	8 39	0 26	17 45	3 0	17 35	17 17	25 36	8 58	1 10
S 12	21 41	24 50	2 18	22 30	0 47	16 13	1 46	5 32	3 13	19 18	0 59	19 44	1 57	23 10	0 15	8 38	0 26	17 45	3 0	17 36	17 18	25 37	8 58	1 10
S 13	21 32	21 57	1 14	22 36	0 39	15 49	1 46	5 31	3 15	19 18	0 58	19 45	1 57	23 10	0 15	8 38	0 26	17 46	3 0	17 36	17 19	25 37	8 58	1 10
M14	21 22	18 1	0 6	22 41	0 31	15 25	1 46	5 29	3 17	19 17	0 58	19 46	1 57	23 9	0 15	8 37	0 26	17 46	3 0	17 37	17 20	25 38	8 58	1 10
T 15	21 12	13 14	1s 3	22 46	0 23	15 0	1 46	5 28	3 19	19 17	0 58	19 47	1 57	23 9	0 15	8 36	0 26	17 46	3 0	17 37	17 21	25 39	8 58	1 10
W16	21 1	7 49	2 10	22 49	0 15	14 35	1 46	5 27	3 21	19 17	0 57	19 47	1 57	23 9	0 15	8 36	0 26	17 47	3 0	17 36	17 21	25 40	8 58	1 9
T 17	20 50	1 58	3 12	22 52	0 7	14 10	1 46	5 27	3 23	19 17	0 57	19 48	1 57	23 9	0 15	8 35	0 26	17 47	3 0	17 36	17 22	25 41	8 59	1 9
F 18	20 38	4s 3	4 5	22 53	0s 1	13 44	1 45	5 27	3 25	19 17	0 57	19 49	1 57	23 8	0 15	8 34	0 26	17 47	3 0	17 36	17 23	25 42	8 59	1 9
S 19	20 26	9 59	4 45	22 53	0 8	13 18	1 45	5 27	3 27	19 17	0 57	19 50	1 58	23 8	0 15	8 34	0 26	17 47	3 0	17 35	17 24	25 43	8 59	1 9
S 20	20 14	15 34	5 10	22 52	0 16	12 51	1 44	5 27	3 29	19 17	0 56	19 50	1 58	23 8	0 15	8 33	0 26	17 48	3 0	17 35	17 25	25 44	8 59	1 9
M21	20 1	20 26	5 17	22 50	0 23	12 24	1 44	5 27	3 31	19 17	0 56	19 51	1 58	23 8	0 15	8 32	0 26	17 48	3 0	17 35	17 26	25 44	9 0	1 9
T 22	19 48	24 11	5 4	22 46	0 30	11 57	1 43	5 28	3 33	19 17	0 56	19 52	1 58	23 7	0 15	8 32	0 26	17 48	3 0	17 36	17 27	25 45	9 0	1 9
W23	19 35	26 27	4 32	22 41	0 37	11 30	1 42	5 29	3 35	19 17	0 56	19 52	1 58	23 7	0 15	8 31	0 26	17 49	3 0	17 36	17 27	25 46	9 0	1 8
T 24	19 21	26 55	3 42	22 36	0 43	11 2	1 41	5 31	3 37	19 17	0 55	19 53	1 58	23 7	0 15	8 30	0 26	17 49	2 59	17 36	17 28	25 47	9 1	1 8
F 25	19 7	25 30	2 38	22 29	0 50	10 34	1 40	5 32	3 39	19 17	0 55	19 54	1 58	23 7	0 15	8 29	0 26	17 49	2 59	17 36	17 29	25 48	9 1	1 8
S 26	18 52	22 22	1 23	22 20	0 56	10 6	1 39	5 35	3 41	19 18	0 55	19 54	1 58	23 6	0 15	8 29	0 26	17 49	2 59	17 36	17 30	25 48	9 1	1 8
S 27	18 38	17 53	0 4	22 11	1 2	9 37	1 38	5 37	3 43	19 18	0 54	19 55	1 58	23 6	0 15	8 28	0 26	17 50	2 59	17 36	17 31	25 49	9 2	1 8
M28	18 22	12 29	1n13	22 0	1 8	9 8	1 37	5 39	3 45	19 18	0 54	19 55	1 59	23 6	0 15	8 27	0 26	17 50	2 59	17 36	17 32	25 50	9 2	1 8
T 29	18 7	6 35	2 25	21 48	1 14	8 39	1 36	5 42	3 46	19 19	0 54	19 56	1 59	23 5	0 15	8 26	0 26	17 50	2 59	17 36	17 33	25 51	9 2	1 8
W30	17 51	0 34	3 26	21 35	1 19	8 10	1 34	5 46	3 48	19 19	0 54	19 56	1 59	23 5	0 15	8 26	0 26	17 51	2 59	17 36	17 33	25 52	9 3	1 8
T 31	17s35	5n18	4n15	21s20	1s24	7s41	1s33	5n49	3n50	19n20	0s53	19s57	1n59	23s 5	0s15	8s25	0s26	17n51	2s59	17s36	17s34	25n52	9n 3	1n 7

Julian Day Number = 2876321.5, Delta T = 01h13m58s
Ecliptic obliquity = 23°17'25, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°01'37, Lahiri = 40°08'37

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ASTRODIENST EPHEMERIS for the year 3163
geocentric

FEBRUARY 3163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 43 47	11♒12'35	16♈ 9	1♒50	15♓15	24°R 6	0♊52	10♐47	11♑ 6	9♓24	26°R10	10°R 6	10♒10	7♊ 6	20♈40	F 1
S 2	8 47 43	12°13'40	28°29	3°25	16°29	24♍ 0	0°53	10°52	11° 9	9°26	26♋ 9	10♒ 6	10° 7	7°12	20°42	S 2
S 3	8 51 40	13°14'44	10♉35	5° 0	17°42	23°53	0°55	10°56	11°12	9°28	26° 8	10°D 6	10° 4	7°19	20°44	S 3
M 4	8 55 36	14°15'47	22°31	6°35	18°56	23°45	0°57	11° 1	11°16	9°30	26° 7	10° 6	10° 1	7°26	20°45	M 4
T 5	8 59 33	15°16'50	4♊23	8°11	20° 9	23°37	0°59	11° 5	11°19	9°32	26° 6	10° 6	9°58	7°32	20°47	T 5
W 6	9 3 29	16°17'53	16°15	9°47	21°22	23°27	1° 1	11°10	11°22	9°34	26° 5	10° 7	9°54	7°39	20°49	W 6
T 7	9 7 26	17°18'54	28°11	11°24	22°36	23°17	1° 4	11°14	11°25	9°36	26° 4	10° 7	9°51	7°46	20°51	T 7
F 8	9 11 23	18°19'55	10♋15	13° 2	23°49	23° 6	1° 7	11°18	11°28	9°38	26° 2	10° 8	9°48	7°53	20°53	F 8
S 9	9 15 19	19°20'55	22°31	14°40	25° 2	22°54	1°10	11°22	11°31	9°40	26° 1	10° 9	9°45	7°59	20°55	S 9
S 10	9 19 16	20°21'54	5♌ 0	16°18	26°15	22°42	1°13	11°26	11°34	9°43	26° 0	10°R10	9°42	8° 6	20°57	S 10
M11	9 23 12	21°22'53	17°44	17°57	27°28	22°28	1°16	11°30	11°37	9°45	25°59	10° 9	9°39	8°13	20°59	M11
T 12	9 27 9	22°23'51	0♍44	19°37	28°41	22°14	1°19	11°34	11°40	9°47	25°58	10° 9	9°35	8°19	21° 1	T 12
W13	9 31 5	23°24'48	13°59	21°17	29°54	22° 0	1°23	11°38	11°43	9°49	25°57	10° 7	9°32	8°26	21° 3	W13
T 14	9 35 2	24°25'45	27°28	22°58	1♈ 6	21°44	1°27	11°41	11°46	9°51	25°56	10° 6	9°29	8°33	21° 6	T 14
F 15	9 38 58	25°26'41	11♎ 9	24°40	2°19	21°28	1°31	11°45	11°49	9°54	25°55	10° 3	9°26	8°39	21° 8	F 15
S 16	9 42 55	26°27'36	25° 1	26°22	3°32	21°11	1°35	11°48	11°52	9°56	25°54	10° 1	9°23	8°46	21°10	S 16
S 17	9 46 52	27°28'31	9♏ 0	28° 5	4°44	20°53	1°40	11°52	11°55	9°58	25°53	10° 0	9°20	8°53	21°12	S 17
M18	9 50 48	28°29'26	23° 6	29°49	5°57	20°35	1°44	11°55	11°58	10° 0	25°52	9°D59	9°16	9° 0	21°15	M18
T 19	9 54 45	29°30'20	7♐16	1♓33	7° 9	20°16	1°49	11°58	12° 1	10° 3	25°51	9°59	9°13	9° 6	21°17	T 19
W20	9 58 41	0♓31'13	21°29	3°18	8°22	19°56	1°54	12° 2	12° 3	10° 5	25°50	10° 0	9°10	9°13	21°20	W20
T 21	10 2 38	1°32'06	5♑41	5° 3	9°34	19°36	1°59	12° 5	12° 6	10° 7	25°49	10° 1	9° 7	9°20	21°22	T 21
F 22	10 6 34	2°32'58	19°51	6°49	10°46	19°16	2° 5	12° 7	12° 9	10° 9	25°48	10° 3	9° 4	9°26	21°25	F 22
S 23	10 10 31	3°33'49	3♒56	8°36	11°58	18°55	2°10	12°10	12°11	10°12	25°47	10°R 4	9° 0	9°33	21°27	S 23
S 24	10 14 27	4°34'39	17°53	10°23	13°10	18°33	2°16	12°13	12°14	10°14	25°46	10° 4	8°57	9°40	21°30	S 24
M25	10 18 24	5°35'28	1♓38	12°11	14°22	18°11	2°22	12°16	12°17	10°16	25°45	10° 2	8°54	9°47	21°32	M25
T 26	10 22 21	6°36'16	15° 8	13°58	15°34	17°49	2°28	12°18	12°19	10°18	25°44	9°59	8°51	9°53	21°35	T 26
W27	10 26 17	7°37'03	28°21	15°47	16°46	17°26	2°34	12°21	12°21	10°21	25°43	9°55	8°48	10° 0	21°38	W27
T 28	10 30 14	8♓37'48	11♈16	17♓35	17♈57	17♍ 3	2♊40	12♐23	12♑24	10♓23	25♋42	9♒50	8♒45	10♊ 7	21♈41	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	17s18	10n47	4n50	21s 4	1s29	7s11	1s31	5n53	3n52	19n20	0s53	19s58	1n59	23s 5	0s15	8s24	0s26	17n51	2s59	17s36	17s35	25n53	9n 4	1n 7	F 1
S 2	17 1	15 42	5 11	20 47	1 34	6 41	1 30	5 57	3 54	19 21	0 53	19 58	1 59	23 4	0 15	8 23	0 26	17 52	2 59	17 36	17 36	25 54	9 4	1 7	S 2
S 3	16 44	19 55	5 17	20 29	1 38	6 11	1 28	6 2	3 56	19 21	0 53	19 59	1 59	23 4	0 15	8 23	0 26	17 52	2 59	17 36	17 37	25 55	9 5	1 7	S 3
M 4	16 27	23 17	5 10	20 10	1 42	5 41	1 26	6 6	3 58	19 22	0 52	19 59	1 59	23 4	0 15	8 22	0 26	17 52	2 59	17 36	17 38	25 55	9 5	1 7	M 4
T 5	16 9	25 38	4 49	19 49	1 46	5 10	1 24	6 11	3 59	19 23	0 52	19 59	2 0	23 4	0 15	8 21	0 26	17 52	2 59	17 36	17 38	25 56	9 6	1 7	T 5
W 6	15 51	26 50	4 16	19 27	1 49	4 40	1 22	6 17	4 1	19 24	0 52	20 0	2 0	23 3	0 15	8 20	0 26	17 53	2 59	17 36	17 39	25 57	9 7	1 7	W 6
T 7	15 33	26 49	3 32	19 4	1 53	4 9	1 20	6 22	4 3	19 24	0 51	20 0	2 0	23 3	0 15	8 19	0 26	17 53	2 58	17 36	17 40	25 57	9 7	1 7	T 7
F 8	15 14	25 32	2 38	18 39	1 56	3 39	1 18	6 28	4 4	19 25	0 51	20 1	2 0	23 3	0 15	8 19	0 26	17 53	2 58	17 36	17 41	25 58	9 8	1 6	F 8
S 9	14 56	23 0	1 36	18 13	1 58	3 8	1 16	6 34	4 6	19 26	0 51	20 1	2 0	23 3	0 15	8 18	0 26	17 54	2 58	17 35	17 42	25 59	9 8	1 6	S 9
S 10	14 37	19 22	0 29	17 46	2 1	2 37	1 14	6 40	4 7	19 27	0 51	20 2	2 0	23 2	0 15	8 17	0 26	17 54	2 58	17 35	17 43	25 59	9 9	1 6	S 10
M11	14 17	14 45	0s42	17 18	2 2	2 6	1 12	6 47	4 9	19 28	0 50	20 2	2 0	23 2	0 15	8 16	0 26	17 54	2 58	17 35	17 44	26 0	9 10	1 6	M11
T 12	13 58	9 24	1 51	16 48	2 4	1 35	1 9	6 54	4 10	19 29	0 50	20 2	2 1	23 2	0 15	8 15	0 26	17 54	2 58	17 36	17 44	26 1	9 10	1 6	T 12
W13	13 38	3 33	2 56	16 18	2 5	1 4	1 7	7 1	4 12	19 30	0 50	20 3	2 1	23 2	0 15	8 15	0 26	17 55	2 58	17 36	17 45	26 2	9 11	1 6	W13
T 14	13 18	2s33	3 53	15 46	2 6	0 33	1 4	7 8	4 13	19 31	0 50	20 3	2 1	23 1	0 15	8 14	0 26	17 55	2 58	17 36	17 46	26 2	9 12	1 6	T 14
F 15	12 58	8 38	4 36	15 12	2 7	0 2	1 2	7 16	4 14	19 32	0 49	20 3	2 1	23 1	0 15	8 13	0 26	17 55	2 58	17 37	17 47	26 3	9 13	1 6	F 15
S 16	12 37	14 21	5 5	14 38	2 7	0n30	0 59	7 24	4 15	19 33	0 49	20 4	2 1	23 1	0 15	8 12	0 26	17 56	2 58	17 38	17 48	26 3	9 13	1 6	S 16
S 17	12 16	19 23	5 15	14 2	2 6	1 1	0 56	7 31	4 17	19 34	0 49	20 4	2 1	23 1	0 15	8 11	0 26	17 56	2 58	17 38	17 49	26 4	9 14	1 5	S 17
M18	11 56	23 23	5 7	13 25	2 5	1 32	0 53	7 40	4 18	19 35	0 49	20 4	2 1	23 1	0 15	8 10	0 26	17 56	2 57	17 38	17 49	26 5	9 15	1 5	M18
T 19	11 34	26 0	4 41	12 47	2 4	2 3	0 50	7 48	4 19	19 36	0 48	20 5	2 2	23 0	0 15	8 10	0 26	17 56	2 57	17 38	17 50	26 5	9 16	1 5	T 19
W20	11 13	26 57	3 57	12 8	2 2	2 34	0 47	7 56	4 19	19 38	0 48	20 5	2 2	23 0	0 15	8 9	0 26	17 57	2 57	17 38	17 51	26 6	9 16	1 5	W20
T 21	10 52	26 8	2 58	11 28	2 0	3 5	0 44	8 5	4 20	19 39	0 48	20 5	2 2	23 0	0 15	8 8	0 26	17 57	2 57	17 38	17 52	26 7	9 17	1 5	T 21
F 22	10 30	23 38	1 49	10 46	1 57	3 36	0 41	8 14	4 21	19 40	0 48	20 5	2 2	23 0	0 15	8 7	0 26	17 57	2 57	17 37	17 53	26 7	9 18	1 5	F 22
S 23	10 8	19 42	0 34	10 3	1 54	4 7	0 38	8 22	4 22	19 42	0 47	20 5	2 2	22 59	0 15	8 6	0 26	17 57	2 57	17 37	17 54	26 8	9 19	1 5	S 23
S 24	9 46	14 42	0n43	9 20	1 50	4 38	0 35	8 31	4 22	19 43	0 47	20 6	2 2	22 59	0 15	8 5	0 26	17 58	2 57	17 37	17 54	26 8	9 20	1 5	S 24
M25	9 24	9 2	1 56	8 35	1 46	5 9	0 31	8 40	4 22	19 44	0 47	20 6	2 3	22 59	0 15	8 5	0 26	17 58	2 57	17 37	17 55	26 9	9 21	1 5	M25
T 26	9 2	3 3	3 1	7 49	1 41	5 40	0 28	8 49	4 23	19 46	0 47	20 6	2 3	22 59	0 15	8 4	0 26	17 58	2 57	17 38	17 56	26 9	9 22	1 4	T 26
W27	8 40	2n56	3 54	7 2	1 35	6 10	0 25	8 58	4 23	19 47	0 46	20 6	2 3	22 59	0 15	8 3	0 26	17 59	2 57	17 39	17 57	26 10	9 23	1 4	W27
T 28	8s17	8n39	4n35	6s15	1s29	6n41	0s21	9n 8	4n23	19n49	0s46	20s 6	2n 3	22s58	0s15	8s 2	0s26	17n59	2s56	17s40	17s58	26n11	9n23	1n 4	T 28

Julian Day Number = 2876352.5, Delta T = 01h13m58s
Ecliptic obliquity = 23°17'26, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°01'41, Lahiri = 40°08'42

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ASTRODIENST EPHEMERIS for the year 3163
geocentric

MARCH 3163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 34 10	9♓38'33	23♈54	19♓23	19♈ 9	16°R39	2♊47	12♐25	12♑26	10♓25	25°R41	9°R45	8♒41	10♊13	21♈43	F 1
S 2	10 38 7	10°39'15	6♉15	21°11	20°20	16♍16	2°53	12°28	12°29	10°28	25♋41	9♒41	8°38	10°20	21°46	S 2
S 3	10 42 3	11°39'57	18°22	22°59	21°31	15°52	3° 0	12°30	12°31	10°30	25°40	9°37	8°35	10°27	21°49	S 3
M 4	10 46 0	12°40'37	0♊20	24°46	22°43	15°28	3° 7	12°32	12°33	10°32	25°39	9°34	8°32	10°33	21°52	M 4
T 5	10 49 56	13°41'15	12°12	26°32	23°54	15° 4	3°15	12°33	12°35	10°34	25°38	9°D34	8°29	10°40	21°55	T 5
W 6	10 53 53	14°41'52	24° 3	28°17	25° 5	14°40	3°22	12°35	12°38	10°37	25°37	9°34	8°25	10°47	21°58	W 6
T 7	10 57 50	15°42'27	5♋58	29°59	26°16	14°16	3°29	12°37	12°40	10°39	25°37	9°35	8°22	10°54	22° 1	T 7
F 8	11 1 46	16°43'00	18° 3	1♈41	27°26	13°52	3°37	12°38	12°42	10°41	25°36	9°37	8°19	11° 0	22° 4	F 8
S 9	11 5 43	17°43'32	0♌22	3°20	28°37	13°29	3°45	12°40	12°44	10°44	25°35	9°39	8°16	11° 7	22° 7	S 9
S 10	11 9 39	18°44'02	12°59	4°55	29°48	13° 5	3°53	12°41	12°46	10°46	25°35	9°R39	8°13	11°14	22°10	S 10
M11	11 13 36	19°44'31	25°56	6°27	0♉58	12°42	4° 1	12°43	12°48	10°48	25°34	9°38	8°10	11°20	22°13	M11
T 12	11 17 32	20°44'57	9♍14	7°55	2° 8	12°18	4° 9	12°44	12°50	10°50	25°33	9°34	8° 6	11°27	22°16	T 12
W13	11 21 29	21°45'22	22°53	9°17	3°18	11°56	4°17	12°45	12°52	10°53	25°33	9°29	8° 3	11°34	22°19	W13
T 14	11 25 25	22°45'46	6♎50	10°35	4°28	11°33	4°26	12°46	12°53	10°55	25°32	9°22	8° 0	11°40	22°22	T 14
F 15	11 29 22	23°46'08	21° 0	11°46	5°38	11°11	4°34	12°47	12°55	10°57	25°31	9°15	7°57	11°47	22°25	F 15
S 16	11 33 18	24°46'29	5♏20	12°50	6°48	10°49	4°43	12°47	12°57	10°59	25°31	9° 8	7°54	11°54	22°28	S 16
S 17	11 37 15	25°46'48	19°43	13°47	7°57	10°27	4°52	12°48	12°59	11° 1	25°30	9° 2	7°51	12° 1	22°32	S 17
M18	11 41 12	26°47'07	4♐ 3	14°36	9° 7	10° 6	5° 1	12°49	13° 0	11° 4	25°30	8°58	7°47	12° 7	22°35	M18
T 19	11 45 8	27°47'23	18°19	15°17	10°16	9°46	5°10	12°49	13° 2	11° 6	25°29	8°55	7°44	12°14	22°38	T 19
W20	11 49 5	28°47'39	2♑26	15°48	11°25	9°26	5°20	12°49	13° 3	11° 8	25°29	8°D55	7°41	12°21	22°41	W20
T 21	11 53 1	29°47'53	16°25	16°11	12°34	9° 7	5°29	12°50	13° 5	11°10	25°28	8°56	7°38	12°27	22°45	T 21
F 22	11 56 58	0♈48'06	0♒14	16°24	13°43	8°48	5°38	12°50	13° 6	11°12	25°28	8°57	7°35	12°34	22°48	F 22
S 23	12 0 54	1°48'17	13°53	16°R28	14°51	8°30	5°48	12°R50	13° 8	11°15	25°28	8°R57	7°31	12°41	22°51	S 23
S 24	12 4 51	2°48'27	27°22	16°22	16° 0	8°12	5°58	12°50	13° 9	11°17	25°27	8°55	7°28	12°47	22°54	S 24
M25	12 8 47	3°48'35	10♓41	16° 7	17° 8	7°55	6° 8	12°49	13°10	11°19	25°27	8°51	7°25	12°54	22°58	M25
T 26	12 12 44	4°48'41	23°49	15°44	18°16	7°39	6°18	12°49	13°12	11°21	25°26	8°44	7°22	13° 1	23° 1	T 26
W27	12 16 41	5°48'46	6♈44	15°13	19°24	7°24	6°28	12°49	13°13	11°23	25°26	8°35	7°19	13° 7	23° 5	W27
T 28	12 20 37	6°48'48	19°27	14°34	20°32	7° 9	6°38	12°48	13°14	11°25	25°26	8°25	7°16	13°14	23° 8	T 28
F 29	12 24 34	7°48'49	1♉56	13°49	21°40	6°55	6°49	12°48	13°15	11°27	25°26	8°13	7°12	13°21	23°11	F 29
S 30	12 28 30	8°48'48	14°12	12°59	22°47	6°42	6°59	12°47	13°16	11°30	25°25	8° 2	7° 9	13°28	23°15	S 30
S 31	12 32 27	9♈48'45	26♉17	12♈ 6	23♉54	6♍29	7♊10	12♐46	13♑17	11♓32	25♋25	7♒53	7♒ 6	13♊34	23♈18	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s54	13n52	5n 1	5s26	1s22	7n11	0s17	9n17	4n23	19n50	0s46	20s 6	2n 3	22s58	0s15	8s 1	0s26	17n59	2s56	17s42	17s59	26n11	9n24	1n 4
S 2	7 32	18 25	5 12	4 37	1 15	7 41	0 14	9 26	4 23	19 52	0 46	20 6	2 3	22 58	0 15	8 0	0 26	17 59	2 56	17 43	17 59	26 12	9 25	1 4
S 3	7 9	22 8	5 9	3 47	1 7	8 11	0 10	9 35	4 23	19 53	0 45	20 7	2 4	22 58	0 16	7 59	0 26	18 0	2 56	17 44	18 0	26 12	9 26	1 4
M 4	6 46	24 51	4 52	2 57	0 58	8 41	0 7	9 44	4 22	19 55	0 45	20 7	2 4	22 58	0 16	7 59	0 26	18 0	2 56	17 45	18 1	26 13	9 27	1 4
T 5	6 23	26 28	4 23	2 7	0 48	9 10	0 3	9 53	4 22	19 56	0 45	20 7	2 4	22 57	0 16	7 58	0 26	18 0	2 56	17 45	18 2	26 13	9 28	1 4
W 6	5 59	26 52	3 43	1 16	0 38	9 40	0n 1	10 1	4 22	19 58	0 45	20 7	2 4	22 57	0 16	7 57	0 26	18 0	2 56	17 45	18 3	26 14	9 29	1 4
T 7	5 36	26 2	2 53	0 25	0 27	10 9	0 5	10 10	4 21	20 0	0 45	20 7	2 4	22 57	0 16	7 56	0 26	18 1	2 56	17 44	18 4	26 14	9 30	1 3
F 8	5 13	23 59	1 55	0n25	0 16	10 38	0 9	10 19	4 20	20 1	0 44	20 7	2 4	22 57	0 16	7 55	0 26	18 1	2 56	17 44	18 4	26 15	9 31	1 3
S 9	4 49	20 46	0 50	1 15	0 4	11 7	0 13	10 27	4 19	20 3	0 44	20 7	2 5	22 57	0 16	7 54	0 26	18 1	2 55	17 44	18 5	26 15	9 32	1 3
S 10	4 26	16 31	0s18	2 4	0n 8	11 35	0 17	10 35	4 18	20 5	0 44	20 7	2 5	22 57	0 16	7 54	0 26	18 1	2 55	17 43	18 6	26 16	9 33	1 3
M11	4 2	11 26	1 27	2 53	0 22	12 4	0 21	10 43	4 17	20 6	0 44	20 7	2 5	22 56	0 16	7 53	0 26	18 1	2 55	17 44	18 7	26 16	9 34	1 3
T 12	3 39	5 41	2 33	3 39	0 35	12 32	0 25	10 51	4 16	20 8	0 43	20 7	2 5	22 56	0 16	7 52	0 26	18 2	2 55	17 45	18 8	26 17	9 35	1 3
W13	3 15	0s27	3 32	4 25	0 49	12 59	0 29	10 59	4 15	20 10	0 43	20 7	2 5	22 56	0 16	7 51	0 26	18 2	2 55	17 46	18 8	26 17	9 36	1 3
T 14	2 51	6 41	4 20	5 8	1 3	13 27	0 33	11 6	4 14	20 11	0 43	20 7	2 5	22 56	0 16	7 50	0 26	18 2	2 55	17 48	18 9	26 17	9 38	1 3
F 15	2 28	12 40	4 53	5 49	1 17	13 54	0 37	11 13	4 12	20 13	0 43	20 7	2 6	22 56	0 16	7 49	0 26	18 2	2 55	17 50	18 10	26 18	9 39	1 3
S 16	2 4	18 3	5 7	6 27	1 32	14 21	0 41	11 20	4 11	20 15	0 43	20 7	2 6	22 56	0 16	7 49	0 26	18 3	2 55	17 52	18 11	26 18	9 40	1 3
S 17	1 40	22 24	5 3	7 2	1 46	14 48	0 45	11 27	4 9	20 17	0 42	20 7	2 6	22 55	0 16	7 48	0 26	18 3	2 55	17 53	18 12	26 19	9 41	1 2
M18	1 16	25 24	4 39	7 34	2 0	15 14	0 50	11 33	4 8	20 19	0 42	20 6	2 6	22 55	0 16	7 47	0 26	18 3	2 54	17 54	18 12	26 19	9 42	1 2
T 19	0 52	26 44	3 58	8 3	2 14	15 40	0 54	11 39	4 6	20 20	0 42	20 6	2 6	22 55	0 16	7 46	0 26	18 3	2 54	17 55	18 13	26 20	9 43	1 2
W20	0 29	26 20	3 4	8 27	2 27	16 5	0 58	11 45	4 4	20 22	0 42	20 6	2 7	22 55	0 16	7 45	0 26	18 3	2 54	17 55	18 14	26 20	9 44	1 2
T 21	0 5	24 15	1 58	8 47	2 40	16 30	1 2	11 51	4 2	20 24	0 42	20 6	2 7	22 55	0 16	7 44	0 27	18 4	2 54	17 55	18 15	26 20	9 45	1 2
F 22	0n19	20 44	0 47	9 3	2 51	16 55	1 7	11 56	4 0	20 26	0 41	20 6	2 7	22 55	0 16	7 44	0 27	18 4	2 54	17 55	18 16	26 21	9 46	1 2
S 23	0 43	16 8	0n26	9 14	3 2	17 20	1 11	12 1	3 58	20 28	0 41	20 6	2 7	22 55	0 16	7 43	0 27	18 4	2 54	17 55	18 17	26 21	9 48	1 2
S 24	1 7	10 47	1 37	9 20	3 11	17 44	1 15	12 6	3 56	20 30	0 41	20 6	2 7	22 55	0 16	7 42	0 27	18 4	2 54	17 55	18 17	26 21	9 49	1 2
M25	1 30	5 1	2 42	9 22	3 19	18 7	1 20	12 10	3 54	20 32	0 41	20 5	2 7	22 55	0 16	7 41	0 27	18 4	2 54	17 56	18 18	26 22	9 50	1 2
T 26	1 54	0n52	3 36	9 19	3 25	18 30	1 24	12 14	3 52	20 34	0 41	20 5	2 8	22 54	0 16	7 40	0 27	18 5	2 53	17 58	18 19	26 22	9 51	1 2
W27	2 18	6 37	4 19	9 11	3 29	18 53	1 28	12 18	3 50	20 35	0 40	20 5	2 8	22 54	0 16	7 40	0 27	18 5	2 53	18 0	18 20	26 23	9 52	1 2
T 28	2 41	12 0	4 48	8 58	3 32	19 16	1 33	12 21	3 47	20 37	0 40	20 5	2 8	22 54	0 16	7 39	0 27	18 5	2 53	18 3	18 21	26 23	9 53	1 2
F 29	3 5	16 47	5 2	8 41	3 32	19 38	1 37	12 24	3 45	20 39	0 40	20 4	2 8	22 54	0 16	7 38	0 27	18 5	2 53	18 6	18 21	26 23	9 55	1 1
S 30	3 28	20 48	5 2	8 20	3 31	19 59	1 41	12 27	3 43	20 41	0 40	20 4	2 8	22 54	0 16	7 37	0 27	18 5	2 53	18 9	18 22	26 24	9 56	1 1
S 31	3n52	23n52	4n48	7n56	3n27	20n20	1n46	12n29	3n40	20n43	0s40	20s 4	2n 8	22s54	0s16	7s37	0s27	18n 5	2s53	18s11	18s23	26n24	9n57	1n 1

Julian Day Number = 2876380.5, Delta T = 01h13m59s
Ecliptic obliquity = 23°17'26, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°01'45, Lahiri = 40°08'45

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ASTRODIENST EPHEMERIS for the year 3163
geocentric

APRIL 3163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 36 23	10♈48'41	8♊13	11°R 9	25♉ 1	6°R18	7♊20	12°R45	13♋18	11♓34	25°R25	7°R45	7♒ 3	13♊41	23♈22	M 1
T 2	12 40 20	11°48'34	20° 4	10♈11	26° 8	6♍ 7	7°31	12♐44	13°19	11°36	25♋25	7♒40	7° 0	13°48	23°25	T 2
W 3	12 44 16	12°48'24	1♋54	9°14	27°14	5°57	7°42	12°43	13°20	11°38	25°25	7°38	6°57	13°54	23°29	W 3
T 4	12 48 13	13°48'13	13°47	8°17	28°20	5°47	7°53	12°42	13°20	11°40	25°24	7°D37	6°53	14° 1	23°32	T 4
F 5	12 52 10	14°48'00	25°50	7°23	29°27	5°39	8° 4	12°41	13°21	11°42	25°24	7°38	6°50	14° 8	23°36	F 5
S 6	12 56 6	15°47'44	8♌ 8	6°32	0♊32	5°31	8°15	12°39	13°22	11°44	25°24	7°R38	6°47	14°14	23°39	S 6
S 7	13 0 3	16°47'26	20°45	5°45	1°38	5°24	8°26	12°38	13°22	11°46	25°24	7°37	6°44	14°21	23°43	S 7
M 8	13 3 59	17°47'06	3♍46	5° 3	2°43	5°18	8°38	12°36	13°23	11°48	25°24	7°34	6°41	14°28	23°46	M 8
T 9	13 7 56	18°46'44	17°13	4°27	3°48	5°13	8°49	12°35	13°23	11°49	25°D24	7°29	6°37	14°35	23°49	T 9
W10	13 11 52	19°46'20	1♎ 7	3°56	4°53	5° 8	9° 1	12°33	13°24	11°51	25°24	7°21	6°34	14°41	23°53	W10
T 11	13 15 49	20°45'53	15°24	3°31	5°57	5° 4	9°12	12°31	13°24	11°53	25°24	7°11	6°31	14°48	23°56	T 11
F 12	13 19 45	21°45'25	0♏ 0	3°12	7° 2	5° 1	9°24	12°29	13°24	11°55	25°24	7° 0	6°28	14°55	24° 0	F 12
S 13	13 23 42	22°44'55	14°48	2°59	8° 6	4°59	9°36	12°27	13°25	11°57	25°24	6°49	6°25	15° 1	24° 4	S 13
S 14	13 27 39	23°44'23	29°37	2°53	9° 9	4°57	9°48	12°25	13°25	11°59	25°24	6°39	6°22	15° 8	24° 7	S 14
M15	13 31 35	24°43'49	14♐22	2°D52	10°13	4°56	9°59	12°23	13°25	12° 1	25°25	6°32	6°18	15°15	24°11	M15
T 16	13 35 32	25°43'14	28°54	2°56	11°16	4°D56	10°11	12°20	13°25	12° 2	25°25	6°27	6°15	15°21	24°14	T 16
W17	13 39 28	26°42'37	13♑10	3° 7	12°18	4°57	10°24	12°18	13°25	12° 4	25°25	6°25	6°12	15°28	24°18	W17
T 18	13 43 25	27°41'58	27° 9	3°22	13°21	4°58	10°36	12°15	13°R25	12° 6	25°25	6°25	6° 9	15°35	24°21	T 18
F 19	13 47 21	28°41'18	10♒50	3°43	14°23	5° 0	10°48	12°13	13°25	12° 8	25°25	6°25	6° 6	15°41	24°25	F 19
S 20	13 51 18	29°40'35	24°16	4° 8	15°24	5° 3	11° 0	12°10	13°25	12° 9	25°26	6°24	6° 3	15°48	24°28	S 20
S 21	13 55 14	0♉39'51	7♓26	4°38	16°26	5° 6	11°13	12° 7	13°25	12°11	25°26	6°21	5°59	15°55	24°32	S 21
M22	13 59 11	1°39'06	20°24	5°12	17°26	5°11	11°25	12° 5	13°25	12°13	25°26	6°15	5°56	16° 2	24°35	M22
T 23	14 3 8	2°38'18	3♈11	5°50	18°27	5°15	11°38	12° 2	13°25	12°14	25°27	6° 7	5°53	16° 8	24°39	T 23
W24	14 7 4	3°37'29	15°47	6°32	19°27	5°21	11°50	11°59	13°24	12°16	25°27	5°55	5°50	16°15	24°42	W24
T 25	14 11 1	4°36'37	28°14	7°18	20°27	5°27	12° 3	11°56	13°24	12°17	25°27	5°42	5°47	16°22	24°46	T 25
F 26	14 14 57	5°35'44	10♉30	8° 7	21°26	5°34	12°16	11°53	13°24	12°19	25°28	5°28	5°43	16°28	24°49	F 26
S 27	14 18 54	6°34'49	22°37	8°59	22°25	5°41	12°28	11°49	13°23	12°21	25°28	5°14	5°40	16°35	24°52	S 27
S 28	14 22 50	7°33'52	4♊37	9°54	23°24	5°49	12°41	11°46	13°23	12°22	25°28	5° 1	5°37	16°42	24°56	S 28
M29	14 26 47	8°32'53	16°29	10°53	24°22	5°58	12°54	11°43	13°22	12°23	25°29	4°51	5°34	16°48	24°59	M29
T 30	14 30 43	9♉31'52	28♊18	11♈54	25♊19	6♍ 7	13♊ 7	11♐39	13♋22	12♓25	25♋29	4♒44	5♒31	16♊55	25♈ 3	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n15	25n51	4n22	7n29	3n22	20n41	1n50	12n31	3n38	20n45	0s39	20s 4	2n 8	22s54	0s16	7s36	0s27	18n 6	2s53	18s13	18s24	26n24	9n58	1n 1
T 2	4 38	26 40	3 45	7 0	3 14	21 1	1 54	12 33	3 36	20 47	0 39	20 3	2 9	22 54	0 16	7 35	0 27	18 6	2 53	18 14	18 25	26 24	9 59	1 1
W 3	5 2	26 15	2 58	6 29	3 5	21 20	1 58	12 35	3 33	20 49	0 39	20 3	2 9	22 54	0 16	7 34	0 27	18 6	2 52	18 15	18 25	26 25	10 1	1 1
T 4	5 25	24 38	2 3	5 56	2 55	21 40	2 3	12 36	3 31	20 51	0 39	20 3	2 9	22 54	0 16	7 34	0 27	18 6	2 52	18 15	18 26	26 25	10 2	1 1
F 5	5 48	21 52	1 2	5 24	2 42	21 58	2 7	12 37	3 28	20 53	0 39	20 3	2 9	22 54	0 16	7 33	0 27	18 6	2 52	18 15	18 27	26 25	10 3	1 1
S 6	6 11	18 5	0s 3	4 52	2 29	22 16	2 11	12 37	3 26	20 55	0 39	20 2	2 9	22 54	0 16	7 32	0 27	18 6	2 52	18 15	18 28	26 26	10 4	1 1
S 7	6 34	13 24	1 9	4 21	2 15	22 34	2 15	12 37	3 23	20 57	0 38	20 2	2 9	22 54	0 16	7 31	0 27	18 6	2 52	18 15	18 29	26 26	10 5	1 1
M 8	6 56	7 59	2 14	3 50	2 0	22 51	2 19	12 37	3 21	20 59	0 38	20 2	2 10	22 54	0 16	7 31	0 27	18 7	2 52	18 16	18 29	26 26	10 7	1 1
T 9	7 19	2 3	3 14	3 22	1 45	23 8	2 23	12 37	3 18	21 0	0 38	20 1	2 10	22 54	0 16	7 30	0 27	18 7	2 52	18 17	18 30	26 26	10 8	1 1
W10	7 41	4s10	4 4	2 56	1 30	23 24	2 27	12 36	3 16	21 2	0 38	20 1	2 10	22 54	0 16	7 29	0 27	18 7	2 52	18 19	18 31	26 27	10 9	1 1
T 11	8 3	10 20	4 40	2 31	1 14	23 39	2 31	12 35	3 13	21 4	0 38	20 0	2 10	22 54	0 16	7 28	0 27	18 7	2 51	18 22	18 32	26 27	10 10	1 0
F 12	8 26	16 4	4 59	2 9	0 58	23 54	2 35	12 34	3 11	21 6	0 38	20 0	2 10	22 54	0 16	7 28	0 27	18 7	2 51	18 24	18 32	26 27	10 11	1 0
S 13	8 48	20 55	4 58	1 50	0 43	24 9	2 39	12 33	3 8	21 8	0 37	20 0	2 10	22 54	0 16	7 27	0 27	18 7	2 51	18 27	18 33	26 27	10 13	1 0
S 14	9 10	24 28	4 38	1 33	0 27	24 22	2 43	12 31	3 6	21 10	0 37	19 59	2 10	22 54	0 16	7 26	0 27	18 7	2 51	18 30	18 34	26 27	10 14	1 0
M15	9 31	26 20	3 59	1 19	0 13	24 36	2 47	12 29	3 3	21 12	0 37	19 59	2 11	22 54	0 16	7 26	0 27	18 7	2 51	18 31	18 35	26 28	10 15	1 0
T 16	9 53	26 22	3 4	1 8	0s 2	24 49	2 51	12 27	3 1	21 14	0 37	19 58	2 11	22 54	0 17	7 25	0 27	18 7	2 51	18 33	18 36	26 28	10 16	1 0
W17	10 14	24 38	2 0	0 59	0 16	25 1	2 55	12 24	2 58	21 16	0 37	19 58	2 11	22 54	0 17	7 24	0 27	18 8	2 51	18 33	18 36	26 28	10 18	1 0
T 18	10 35	21 24	0 49	0 53	0 29	25 12	2 58	12 21	2 56	21 18	0 37	19 58	2 11	22 54	0 17	7 24	0 27	18 8	2 51	18 33	18 37	26 28	10 19	1 0
F 19	10 56	17 2	0n23	0 50	0 42	25 23	3 2	12 18	2 53	21 19	0 36	19 57	2 11	22 54	0 17	7 23	0 27	18 8	2 50	18 33	18 38	26 28	10 20	1 0
S 20	11 17	11 54	1 33	0 48	0 54	25 34	3 5	12 15	2 51	21 21	0 36	19 57	2 11	22 54	0 17	7 23	0 27	18 8	2 50	18 33	18 39	26 29	10 21	1 0
S 21	11 38	6 18	2 36	0 49	1 6	25 44	3 9	12 12	2 48	21 23	0 36	19 56	2 11	22 54	0 17	7 22	0 27	18 8	2 50	18 34	18 39	26 29	10 22	1 0
M22	11 59	0 33	3 30	0 53	1 17	25 53	3 12	12 8	2 46	21 25	0 36	19 56	2 11	22 54	0 17	7 21	0 27	18 8	2 50	18 36	18 40	26 29	10 24	1 0
T 23	12 19	5n 7	4 12	0 58	1 27	26 2	3 15	12 4	2 44	21 27	0 36	19 55	2 11	22 54	0 17	7 21	0 27	18 8	2 50	18 38	18 41	26 29	10 25	1 0
W24	12 39	10 31	4 42	1 6	1 37	26 10	3 18	12 0	2 41	21 29	0 36	19 55	2 12	22 54	0 17	7 20	0 27	18 8	2 50	18 40	18 42	26 29	10 26	1 0
T 25	12 59	15 24	4 57	1 15	1 46	26 18	3 22	11 55	2 39	21 30	0 36	19 54	2 12	22 54	0 17	7 20	0 27	18 8	2 50	18 44	18 43	26 29	10 27	1 0
F 26	13 18	19 36	4 58	1 27	1 54	26 25	3 25	11 51	2 37	21 32	0 35	19 54	2 12	22 54	0 17	7 19	0 27	18 8	2 50	18 47	18 43	26 29	10 29	0 59
S 27	13 38	22 55	4 46	1 40	2 2	26 32	3 27	11 46	2 34	21 34	0 35	19 53	2 12	22 54	0 17	7 18	0 27	18 8	2 49	18 51	18 44	26 30	10 30	0 59
S 28	13 57	25 12	4 21	1 55	2 9	26 38	3 30	11 41	2 32	21 36	0 35	19 53	2 12	22 54	0 17	7 18	0 27	18 8	2 49	18 54	18 45	26 30	10 31	0 59
M29	14 16	26 20	3 45	2 12	2 16	26 43	3 33	11 35	2 30	21 38	0 35	19 52	2 12	22 54	0 17	7 17	0 27	18 8	2 49	18 56	18 46	26 30	10 32	0 59
T 30	14n35	26n16	2n59	2n30	2s21	26n48	3n36	11n30	2n28	21n39	0s35	19s52	2n12	22s54	0s17	7s17	0s27	18n 8	2s49	18s58	18s46	26n30	10n33	0n59

Julian Day Number = 2876411.5, Delta T = 01h14m00s
Ecliptic obliquity = 23°17'26, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°01'49, Lahiri = 40°08'50

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ASTRODIENST EPHEMERIS for the year 3163
geocentric

MAY 3163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 34 40	10♉30'48	10♋ 6	12♈57	26♊16	6♍17	13♊20	11°R36	13°R21	12♓26	25♋30	4°R40	5♒28	17♊ 2	25♈ 6	W 1
T 2	14 38 37	11°29'43	21°59	14° 4	27°13	6°27	13°33	11♐32	13♑20	12°28	25°30	4♒38	5°24	17° 8	25°10	T 2
F 3	14 42 33	12°28'35	3♌59	15°13	28° 9	6°38	13°46	11°29	13°20	12°29	25°31	4°D37	5°21	17°15	25°13	F 3
S 4	14 46 30	13°27'25	16°14	16°24	29° 4	6°49	13°59	11°25	13°19	12°30	25°32	4°R37	5°18	17°22	25°16	S 4
S 5	14 50 26	14°26'12	28°48	17°37	29°59	7° 1	14°13	11°21	13°18	12°32	25°32	4°37	5°15	17°28	25°20	S 5
M 6	14 54 23	15°24'58	11♍46	18°53	0♋53	7°14	14°26	11°17	13°17	12°33	25°33	4°34	5°12	17°35	25°23	M 6
T 7	14 58 19	16°23'41	25°13	20°10	1°47	7°27	14°39	11°14	13°16	12°34	25°33	4°30	5° 8	17°42	25°26	T 7
W 8	15 2 16	17°22'22	9♎ 8	21°30	2°40	7°41	14°52	11°10	13°15	12°36	25°34	4°22	5° 5	17°49	25°30	W 8
T 9	15 6 12	18°21'01	23°33	22°52	3°32	7°55	15° 6	11° 6	13°14	12°37	25°35	4°13	5° 2	17°55	25°33	T 9
F 10	15 10 9	19°19'38	8♏21	24°16	4°24	8° 9	15°19	11° 2	13°13	12°38	25°35	4° 2	4°59	18° 2	25°36	F 10
S 11	15 14 6	20°18'14	23°25	25°41	5°15	8°24	15°33	10°58	13°12	12°39	25°36	3°52	4°56	18° 9	25°40	S 11
S 12	15 18 2	21°16'47	8♐35	27° 9	6° 5	8°40	15°46	10°54	13°11	12°40	25°37	3°42	4°53	18°15	25°43	S 12
M13	15 21 59	22°15'19	23°41	28°38	6°55	8°56	16° 0	10°50	13° 9	12°41	25°38	3°35	4°49	18°22	25°46	M13
T 14	15 25 55	23°13'49	8♑34	0♉ 9	7°43	9°12	16°13	10°45	13° 8	12°42	25°38	3°30	4°46	18°29	25°49	T 14
W15	15 29 52	24°12'17	23° 6	1°43	8°31	9°29	16°27	10°41	13° 7	12°43	25°39	3°28	4°43	18°35	25°52	W15
T 16	15 33 48	25°10'44	7♒16	3°17	9°18	9°46	16°41	10°37	13° 6	12°44	25°40	3°D28	4°40	18°42	25°56	T 16
F 17	15 37 45	26° 9'09	21° 2	4°54	10° 4	10° 3	16°54	10°33	13° 4	12°45	25°41	3°R28	4°37	18°49	25°59	F 17
S 18	15 41 41	27° 7'33	4♓25	6°33	10°50	10°21	17° 8	10°28	13° 3	12°46	25°42	3°28	4°34	18°55	26° 2	S 18
S 19	15 45 38	28° 5'55	17°29	8°13	11°34	10°40	17°22	10°24	13° 1	12°47	25°43	3°27	4°30	19° 2	26° 5	S 19
M20	15 49 35	29° 4'16	0♈17	9°55	12°17	10°59	17°36	10°20	13° 0	12°48	25°43	3°23	4°27	19° 9	26° 8	M20
T 21	15 53 31	0♊ 2'35	12°50	11°39	13° 0	11°18	17°49	10°15	12°58	12°49	25°44	3°16	4°24	19°15	26°11	T 21
W22	15 57 28	1° 0'53	25°11	13°25	13°41	11°37	18° 3	10°11	12°57	12°50	25°45	3° 7	4°21	19°22	26°14	W22
T 23	16 1 24	1°59'09	7♉24	15°13	14°21	11°57	18°17	10° 6	12°55	12°50	25°46	2°56	4°18	19°29	26°17	T 23
F 24	16 5 21	2°57'24	19°28	17° 2	15° 0	12°18	18°31	10° 2	12°53	12°51	25°47	2°45	4°14	19°36	26°20	F 24
S 25	16 9 17	3°55'37	1♊26	18°53	15°38	12°38	18°45	9°57	12°52	12°52	25°48	2°34	4°11	19°42	26°23	S 25
S 26	16 13 14	4°53'49	13°19	20°46	16°15	12°59	18°59	9°53	12°50	12°53	25°49	2°24	4° 8	19°49	26°26	S 26
M27	16 17 10	5°51'58	25° 9	22°41	16°50	13°21	19°13	9°48	12°48	12°53	25°50	2°16	4° 5	19°56	26°29	M27
T 28	16 21 7	6°50'07	6♋57	24°38	17°24	13°42	19°27	9°44	12°46	12°54	25°51	2°10	4° 2	20° 2	26°32	T 28
W29	16 25 4	7°48'13	18°47	26°37	17°57	14° 4	19°41	9°39	12°45	12°54	25°52	2° 7	3°59	20° 9	26°34	W29
T 30	16 29 0	8°46'18	0♌40	28°37	18°28	14°27	19°55	9°35	12°43	12°55	25°53	2°D 6	3°55	20°16	26°37	T 30
F 31	16 32 57	9♊44'20	12♌42	0♊39	18♋58	14♍49	20♊ 9	9♐30	12♑41	12♓55	25♋55	2♒ 6	3♒52	20♊22	26♈40	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n53	25n 0	2n 6	2n50	2s27	26n52	3n38	11n24	2n25	21n41	0s35	19s51	2n12	22s54	0s17	7s16	0s27	18n 8	2s49	18s59	18s47	26n30	10n35	0n59
T 2	15 11	22 36	1 6	3 11	2 32	26 56	3 40	11 18	2 23	21 43	0 35	19 50	2 12	22 54	0 17	7 16	0 27	18 8	2 49	18 59	18 48	26 30	10 36	0 59
F 3	15 29	19 11	0 3	3 33	2 36	26 59	3 43	11 12	2 21	21 44	0 34	19 50	2 12	22 55	0 17	7 15	0 27	18 8	2 49	18 59	18 49	26 30	10 37	0 59
S 4	15 47	14 54	1s 1	3 57	2 39	27 2	3 45	11 6	2 19	21 46	0 34	19 49	2 12	22 55	0 17	7 15	0 27	18 8	2 49	18 59	18 50	26 30	10 38	0 59
S 5	16 4	9 52	2 4	4 22	2 42	27 4	3 47	11 0	2 17	21 48	0 34	19 49	2 13	22 55	0 17	7 14	0 27	18 8	2 49	18 59	18 50	26 30	10 39	0 59
M 6	16 21	4 17	3 3	4 48	2 45	27 6	3 49	10 53	2 15	21 49	0 34	19 48	2 13	22 55	0 17	7 14	0 27	18 8	2 48	19 0	18 51	26 30	10 40	0 59
T 7	16 38	1s42	3 54	5 16	2 46	27 7	3 50	10 46	2 12	21 51	0 34	19 48	2 13	22 55	0 17	7 13	0 27	18 8	2 48	19 1	18 52	26 30	10 42	0 59
W 8	16 55	7 47	4 33	5 44	2 48	27 8	3 52	10 39	2 10	21 53	0 34	19 47	2 13	22 55	0 17	7 13	0 27	18 8	2 48	19 3	18 53	26 30	10 43	0 59
T 9	17 11	13 40	4 56	6 14	2 48	27 8	3 53	10 32	2 8	21 54	0 34	19 47	2 13	22 55	0 17	7 13	0 27	18 8	2 48	19 5	18 53	26 30	10 44	0 59
F 10	17 27	18 56	5 1	6 44	2 49	27 8	3 55	10 25	2 6	21 56	0 34	19 46	2 13	22 55	0 17	7 12	0 27	18 8	2 48	19 8	18 54	26 30	10 45	0 59
S 11	17 43	23 6	4 44	7 15	2 48	27 7	3 56	10 17	2 4	21 57	0 33	19 45	2 13	22 55	0 17	7 12	0 28	18 8	2 48	19 10	18 55	26 30	10 46	0 59
S 12	17 58	25 41	4 8	7 47	2 47	27 6	3 57	10 10	2 2	21 59	0 33	19 45	2 13	22 56	0 17	7 11	0 28	18 8	2 48	19 12	18 56	26 30	10 47	0 59
M13	18 13	26 23	3 14	8 20	2 46	27 4	3 58	10 2	2 0	22 1	0 33	19 44	2 13	22 56	0 17	7 11	0 28	18 8	2 48	19 14	18 56	26 30	10 48	0 59
T 14	18 28	25 9	2 8	8 54	2 44	27 2	3 58	9 54	1 58	22 2	0 33	19 44	2 13	22 56	0 17	7 11	0 28	18 8	2 47	19 15	18 57	26 30	10 50	0 59
W15	18 42	22 14	0 55	9 28	2 41	26 59	3 59	9 46	1 56	22 4	0 33	19 43	2 13	22 56	0 17	7 10	0 28	18 8	2 47	19 15	18 58	26 30	10 51	0 59
T 16	18 56	18 1	0n20	10 3	2 38	26 56	3 59	9 38	1 55	22 5	0 33	19 42	2 13	22 56	0 17	7 10	0 28	18 8	2 47	19 16	18 59	26 30	10 52	0 58
F 17	19 10	12 57	1 32	10 39	2 35	26 53	3 59	9 29	1 53	22 6	0 33	19 42	2 13	22 56	0 17	7 9	0 28	18 8	2 47	19 15	18 59	26 30	10 53	0 58
S 18	19 24	7 23	2 37	11 15	2 30	26 49	3 59	9 21	1 51	22 8	0 33	19 41	2 13	22 56	0 17	7 9	0 28	18 8	2 47	19 15	19 0	26 30	10 54	0 58
S 19	19 37	1 40	3 32	11 51	2 26	26 45	3 58	9 12	1 49	22 9	0 33	19 40	2 13	22 57	0 17	7 9	0 28	18 8	2 47	19 16	19 1	26 30	10 55	0 58
M20	19 50	4n 0	4 15	12 28	2 21	26 40	3 58	9 4	1 47	22 11	0 32	19 40	2 13	22 57	0 17	7 9	0 28	18 8	2 47	19 17	19 2	26 30	10 56	0 58
T 21	20 2	9 24	4 45	13 6	2 15	26 35	3 57	8 55	1 45	22 12	0 32	19 39	2 13	22 57	0 17	7 8	0 28	18 8	2 47	19 18	19 2	26 30	10 57	0 58
W22	20 14	14 21	5 1	13 43	2 9	26 30	3 56	8 46	1 44	22 13	0 32	19 39	2 13	22 57	0 17	7 8	0 28	18 8	2 47	19 20	19 3	26 30	10 58	0 58
T 23	20 26	18 39	5 2	14 21	2 2	26 25	3 55	8 36	1 42	22 15	0 32	19 38	2 13	22 57	0 17	7 8	0 28	18 8	2 46	19 23	19 4	26 30	10 59	0 58
F 24	20 37	22 9	4 51	14 58	1 55	26 19	3 53	8 27	1 40	22 16	0 32	19 37	2 13	22 57	0 17	7 7	0 28	18 8	2 46	19 25	19 5	26 30	11 0	0 58
S 25	20 48	24 40	4 26	15 36	1 48	26 13	3 51	8 18	1 38	22 17	0 32	19 37	2 13	22 58	0 17	7 7	0 28	18 8	2 46	19 28	19 5	26 30	11 1	0 58
S 26	20 59	26 4	3 50	16 14	1 40	26 6	3 49	8 8	1 37	22 19	0 32	19 36	2 13	22 58	0 17	7 7	0 28	18 8	2 46	19 30	19 6	26 29	11 2	0 58
M27	21 9	26 17	3 5	16 51	1 32	26 0	3 47	7 58	1 35	22 20	0 32	19 35	2 13	22 58	0 17	7 7	0 28	18 8	2 46	19 32	19 7	26 29	11 3	0 58
T 28	21 19	25 17	2 11	17 28	1 23	25 53	3 44	7 48	1 33	22 21	0 32	19 35	2 13	22 58	0 17	7 6	0 28	18 7	2 46	19 33	19 8	26 29	11 4	0 58
W29	21 28	23 9	1 11	18 5	1 14	25 45	3 42	7 38	1 32	22 22	0 31	19 34	2 13	22 58	0 17	7 6	0 28	18 7	2 46	19 34	19 8	26 29	11 5	0 58
T 30	21 38	20 0	0 8	18 41	1 4	25 38	3 38	7 28	1 30	22 23	0 31	19 34	2 13	22 59	0 17	7 6	0 28	18 7	2 46	19 34	19 9	26 29	11 6	0 58
F 31	21n46	15n59	0s57	19n16	0s55	25n30	3n35	7n18	1n28	22n24	0s31	19s33	2n13	22s59	0s18	7s 6	0s28	18n 7	2s46	19s34	19s10	26n29	11n 7	0n58

Julian Day Number = 2876441.5, Delta T = 01h14m00s
Ecliptic obliquity = 23°17'25, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°01'53, Lahiri = 40°08'54

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ASTRODIENST EPHEMERIS for the year 3163
geocentric

JUNE 3163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 36 53	10♊42'21	24♌57	2♊42	19♋26	15♍12	20♊23	9°R26	12°R39	12♓56	25♋56	2♒ 7	3♒49	20♊29	26♈43	S 1
S 2	16 40 50	11°40'21	7♍30	4°48	19°53	15°35	20°37	9♐21	12♑37	12°56	25°57	2°R 8	3°46	20°36	26°45	S 2
M 3	16 44 46	12°38'18	20°24	6°54	20°18	15°59	20°51	9°17	12°35	12°57	25°58	2° 8	3°43	20°42	26°48	M 3
T 4	16 48 43	13°36'14	3♎45	9° 2	20°41	16°23	21° 5	9°12	12°33	12°57	25°59	2° 6	3°40	20°49	26°51	T 4
W 5	16 52 39	14°34'07	17°34	11°11	21° 2	16°47	21°19	9° 8	12°31	12°58	26° 0	2° 2	3°36	20°56	26°53	W 5
T 6	16 56 36	15°32'00	1♏53	13°21	21°22	17°11	21°33	9° 3	12°29	12°58	26° 1	1°57	3°33	21° 2	26°56	T 6
F 7	17 0 33	16°29'50	16°37	15°32	21°40	17°36	21°47	8°59	12°27	12°58	26° 3	1°51	3°30	21° 9	26°58	F 7
S 8	17 4 29	17°27'39	1♐42	17°44	21°56	18° 1	22° 1	8°54	12°24	12°58	26° 4	1°44	3°27	21°16	27° 1	S 8
S 9	17 8 26	18°25'27	16°57	19°55	22° 9	18°26	22°16	8°50	12°22	12°59	26° 5	1°38	3°24	21°22	27° 3	S 9
M10	17 12 22	19°23'14	2♑13	22° 7	22°21	18°51	22°30	8°45	12°20	12°59	26° 6	1°33	3°20	21°29	27° 6	M10
T 11	17 16 19	20°20'59	17°18	24°19	22°30	19°17	22°44	8°41	12°18	12°59	26° 8	1°31	3°17	21°36	27° 8	T 11
W12	17 20 15	21°18'43	2♒ 5	26°30	22°38	19°43	22°58	8°37	12°16	12°59	26° 9	1°D30	3°14	21°42	27°11	W12
T 13	17 24 12	22°16'26	16°28	28°40	22°43	20° 9	23°12	8°32	12°13	12°59	26°10	1°31	3°11	21°49	27°13	T 13
F 14	17 28 9	23°14'07	0♓25	0♋49	22°46	20°35	23°26	8°28	12°11	12°59	26°11	1°32	3° 8	21°56	27°15	F 14
S 15	17 32 5	24°11'48	13°56	2°57	22°R46	21° 2	23°40	8°24	12° 9	12°R59	26°13	1°33	3° 5	22° 3	27°17	S 15
S 16	17 36 2	25° 9'28	27° 2	5° 3	22°44	21°29	23°54	8°20	12° 6	12°59	26°14	1°R34	3° 1	22° 9	27°20	S 16
M17	17 39 58	26° 7'07	9♈48	7° 7	22°40	21°56	24° 8	8°15	12° 4	12°59	26°15	1°33	2°58	22°16	27°22	M17
T 18	17 43 55	27° 4'45	22°16	9°10	22°33	22°23	24°22	8°11	12° 2	12°59	26°17	1°30	2°55	22°23	27°24	T 18
W19	17 47 51	28° 2'23	4♉30	11°10	22°24	22°50	24°37	8° 7	11°59	12°59	26°18	1°26	2°52	22°29	27°26	W19
T 20	17 51 48	28°59'59	16°34	13° 8	22°13	23°18	24°51	8° 3	11°57	12°59	26°19	1°22	2°49	22°36	27°28	T 20
F 21	17 55 44	29°57'35	28°31	15° 4	21°59	23°46	25° 5	7°59	11°55	12°59	26°21	1°16	2°46	22°43	27°30	F 21
S 22	17 59 41	0♋55'09	10♊22	16°57	21°43	24°14	25°19	7°55	11°52	12°59	26°22	1°11	2°42	22°49	27°32	S 22
S 23	18 3 38	1°52'43	22°12	18°48	21°24	24°42	25°33	7°51	11°50	12°58	26°23	1° 6	2°39	22°56	27°34	S 23
M24	18 7 34	2°50'16	4♋ 1	20°36	21° 3	25°11	25°47	7°47	11°47	12°58	26°25	1° 2	2°36	23° 3	27°36	M24
T 25	18 11 31	3°47'48	15°51	22°22	20°40	25°39	26° 1	7°43	11°45	12°58	26°26	1° 0	2°33	23° 9	27°38	T 25
W26	18 15 27	4°45'19	27°46	24° 5	20°15	26° 8	26°15	7°39	11°43	12°57	26°28	0°D59	2°30	23°16	27°39	W26
T 27	18 19 24	5°42'49	9♌46	25°45	19°48	26°37	26°29	7°36	11°40	12°57	26°29	0°59	2°26	23°23	27°41	T 27
F 28	18 23 20	6°40'18	21°55	27°23	19°19	27° 6	26°43	7°32	11°38	12°57	26°30	1° 0	2°23	23°29	27°43	F 28
S 29	18 27 17	7°37'45	4♍16	28°58	18°48	27°36	26°57	7°28	11°35	12°56	26°32	1° 2	2°20	23°36	27°44	S 29
S 30	18 31 13	8♋35'12	16♍53	0♌30	18♋16	28♍ 5	27♊11	7♐25	11♑33	12♓56	26♋33	1♒ 3	2♒17	23♊43	27♈46	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n55	11n14	2s 0	19n50	0s45	25n23	3n31	7n 8	1n27	22n26	0s31	19s32	2n13	22s59	0s18	7s 6	0s28	18n 7	2s46	19s34	19s11	26n29	11n 8	0n58
S 2	22 3	5 56	2 59	20 24	0 35	25 15	3 27	6 58	1 25	22 27	0 31	19 32	2 13	22 59	0 18	7 6	0 28	18 7	2 45	19 34	19 11	26 29	11 9	0 58
M 3	22 10	0 14	3 51	20 56	0 24	25 6	3 23	6 47	1 24	22 28	0 31	19 31	2 13	22 59	0 18	7 5	0 28	18 7	2 45	19 34	19 12	26 28	11 10	0 58
T 4	22 17	5s38	4 32	21 26	0 14	24 58	3 18	6 36	1 22	22 29	0 31	19 31	2 13	23 0	0 18	7 5	0 28	18 7	2 45	19 34	19 13	26 28	11 11	0 58
W 5	22 24	11 27	4 59	21 56	0 3	24 50	3 13	6 26	1 21	22 30	0 31	19 30	2 12	23 0	0 18	7 5	0 28	18 7	2 45	19 35	19 14	26 28	11 12	0 58
T 6	22 31	16 52	5 8	22 23	0n 7	24 41	3 7	6 15	1 19	22 31	0 31	19 29	2 12	23 0	0 18	7 5	0 28	18 7	2 45	19 36	19 14	26 28	11 13	0 58
F 7	22 37	21 28	4 58	22 48	0 18	24 32	3 1	6 4	1 18	22 32	0 31	19 29	2 12	23 0	0 18	7 5	0 28	18 6	2 45	19 38	19 15	26 28	11 14	0 58
S 8	22 42	24 44	4 28	23 12	0 28	24 24	2 55	5 53	1 16	22 33	0 30	19 28	2 12	23 0	0 18	7 5	0 28	18 6	2 45	19 39	19 16	26 27	11 15	0 58
S 9	22 47	26 16	3 38	23 33	0 38	24 15	2 48	5 42	1 15	22 34	0 30	19 28	2 12	23 1	0 18	7 5	0 28	18 6	2 45	19 40	19 17	26 27	11 15	0 58
M10	22 52	25 48	2 32	23 51	0 48	24 6	2 41	5 31	1 13	22 34	0 30	19 27	2 12	23 1	0 18	7 5	0 28	18 6	2 45	19 41	19 17	26 27	11 16	0 58
T 11	22 56	23 26	1 16	24 7	0 57	23 57	2 34	5 19	1 12	22 35	0 30	19 26	2 12	23 1	0 18	7 5	0 28	18 6	2 45	19 42	19 18	26 27	11 17	0 58
W12	23 0	19 31	0n 3	24 21	1 6	23 48	2 26	5 8	1 11	22 36	0 30	19 26	2 12	23 1	0 18	7 5	0 28	18 6	2 44	19 42	19 19	26 27	11 18	0 58
T 13	23 4	14 31	1 21	24 32	1 15	23 39	2 17	4 56	1 9	22 37	0 30	19 25	2 12	23 2	0 18	7 5	0 28	18 6	2 44	19 42	19 19	26 26	11 19	0 57
F 14	23 7	8 54	2 31	24 40	1 23	23 30	2 9	4 45	1 8	22 38	0 30	19 25	2 12	23 2	0 18	7 5	0 28	18 5	2 44	19 42	19 20	26 26	11 20	0 57
S 15	23 10	3 3	3 30	24 46	1 30	23 21	1 59	4 33	1 6	22 39	0 30	19 24	2 11	23 2	0 18	7 5	0 28	18 5	2 44	19 41	19 21	26 26	11 20	0 57
S 16	23 12	2n46	4 17	24 48	1 37	23 11	1 50	4 21	1 5	22 39	0 30	19 24	2 11	23 2	0 18	7 5	0 28	18 5	2 44	19 41	19 22	26 26	11 21	0 57
M17	23 14	8 18	4 50	24 49	1 43	23 2	1 40	4 10	1 4	22 40	0 30	19 23	2 11	23 2	0 18	7 5	0 28	18 5	2 44	19 41	19 22	26 25	11 22	0 57
T 18	23 15	13 22	5 8	24 46	1 48	22 53	1 29	3 58	1 2	22 41	0 30	19 23	2 11	23 3	0 18	7 5	0 28	18 5	2 44	19 42	19 23	26 25	11 23	0 57
W19	23 17	17 49	5 11	24 42	1 53	22 44	1 18	3 46	1 1	22 41	0 30	19 22	2 11	23 3	0 18	7 5	0 28	18 5	2 44	19 43	19 24	26 25	11 23	0 57
T 20	23 17	21 29	5 1	24 35	1 56	22 34	1 7	3 34	1 0	22 42	0 29	19 22	2 11	23 3	0 18	7 5	0 29	18 5	2 44	19 44	19 25	26 24	11 24	0 57
F 21	23 17	24 13	4 37	24 25	1 59	22 25	0 55	3 21	0 58	22 43	0 29	19 21	2 11	23 3	0 18	7 5	0 29	18 4	2 44	19 45	19 25	26 24	11 25	0 57
S 22	23 17	25 52	4 2	24 14	2 1	22 15	0 43	3 9	0 57	22 43	0 29	19 21	2 11	23 4	0 18	7 5	0 29	18 4	2 44	19 46	19 26	26 24	11 25	0 57
S 23	23 17	26 20	3 17	24 0	2 3	22 6	0 30	2 57	0 56	22 44	0 29	19 20	2 10	23 4	0 18	7 5	0 29	18 4	2 43	19 47	19 27	26 23	11 26	0 57
M24	23 16	25 36	2 23	23 45	2 3	21 56	0 17	2 45	0 55	22 44	0 29	19 20	2 10	23 4	0 18	7 6	0 29	18 4	2 43	19 48	19 27	26 23	11 27	0 57
T 25	23 14	23 43	1 22	23 28	2 3	21 47	0 4	2 32	0 53	22 45	0 29	19 19	2 10	23 4	0 18	7 6	0 29	18 4	2 43	19 49	19 28	26 23	11 27	0 57
W26	23 12	20 46	0 18	23 10	2 2	21 37	0s 9	2 20	0 52	22 45	0 29	19 19	2 10	23 4	0 18	7 6	0 29	18 3	2 43	19 49	19 29	26 22	11 28	0 57
T 27	23 10	16 55	0s48	22 50	2 0	21 27	0 23	2 7	0 51	22 46	0 29	19 18	2 10	23 5	0 18	7 6	0 29	18 3	2 43	19 49	19 30	26 22	11 28	0 57
F 28	23 7	12 20	1 53	22 29	1 58	21 18	0 37	1 54	0 50	22 46	0 29	19 18	2 10	23 5	0 18	7 6	0 29	18 3	2 43	19 49	19 30	26 22	11 29	0 57
S 29	23 4	7 11	2 53	22 7	1 55	21 8	0 51	1 42	0 49	22 47	0 29	19 17	2 9	23 5	0 18	7 6	0 29	18 3	2 43	19 48	19 31	26 21	11 30	0 57
S 30	23n 1	1n40	3s47	21n43	1n51	20n58	1s 5	1n29	0n47	22n47	0s29	19s17	2n 9	23s 5	0s18	7s 7	0s29	18n 3	2s43	19s48	19s32	26n21	11n30	0n57

Julian Day Number = 2876472.5, Delta T = 01h14m01s
Ecliptic obliquity = 23°17'24, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°01'58, Lahiri = 40°08'58

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ASTRODIENST EPHEMERIS for the year 3163
geocentric

JULY 3163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 35 10	9♋32'38	29♍49	1♌59	17°R42	28♍35	27♊25	7°R21	11°R30	12°R55	26♋35	1♒ 4	2♒14	23♊49	27♈48	M 1
T 2	18 39 7	10°30'02	13♎ 6	3°26	17♋ 7	29° 5	27°39	7♐18	11♑28	12♓55	26°36	1°R 4	2°11	23°56	27°49	T 2
W 3	18 43 3	11°27'26	26°48	4°49	16°31	29°35	27°53	7°15	11°25	12°54	26°38	1° 4	2° 7	24° 3	27°51	W 3
T 4	18 47 0	12°24'49	10♏56	6°10	15°54	0♎ 5	28° 7	7°11	11°23	12°54	26°39	1° 2	2° 4	24° 9	27°52	T 4
F 5	18 50 56	13°22'10	25°27	7°28	15°17	0°36	28°20	7° 8	11°20	12°53	26°41	1° 0	2° 1	24°16	27°53	F 5
S 6	18 54 53	14°19'31	10♐17	8°43	14°39	1° 6	28°34	7° 5	11°18	12°52	26°42	0°58	1°58	24°23	27°55	S 6
S 7	18 58 49	15°16'52	25°22	9°55	14° 2	1°37	28°48	7° 2	11°16	12°52	26°44	0°56	1°55	24°29	27°56	S 7
M 8	19 2 46	16°14'11	10♑30	11° 4	13°24	2° 8	29° 2	6°59	11°13	12°51	26°45	0°55	1°52	24°36	27°57	M 8
T 9	19 6 42	17°11'30	25°34	12°10	12°47	2°39	29°15	6°56	11°11	12°50	26°47	0°D55	1°48	24°43	27°58	T 9
W10	19 10 39	18° 8'48	10♒25	13°13	12°11	3°10	29°29	6°53	11° 8	12°50	26°48	0°55	1°45	24°49	27°59	W10
T 11	19 14 36	19° 6'06	24°55	14°12	11°35	3°42	29°43	6°50	11° 6	12°49	26°50	0°55	1°42	24°56	28° 0	T 11
F 12	19 18 32	20° 3'24	9♓ 1	15° 9	11° 1	4°13	29°56	6°48	11° 3	12°48	26°51	0°56	1°39	25° 3	28° 2	F 12
S 13	19 22 29	21° 0'41	22°40	16° 1	10°28	4°45	0♋10	6°45	11° 1	12°47	26°52	0°57	1°36	25° 9	28° 2	S 13
S 14	19 26 25	21°57'59	5♈53	16°50	9°56	5°16	0°24	6°43	10°58	12°46	26°54	0°58	1°32	25°16	28° 3	S 14
M15	19 30 22	22°55'16	18°42	17°36	9°27	5°48	0°37	6°40	10°56	12°45	26°55	0°R58	1°29	25°23	28° 4	M15
T 16	19 34 18	23°52'33	1♉11	18°17	8°59	6°20	0°51	6°38	10°54	12°45	26°57	0°58	1°26	25°29	28° 5	T 16
W17	19 38 15	24°49'50	13°24	18°55	8°33	6°53	1° 4	6°36	10°51	12°44	26°59	0°58	1°23	25°36	28° 6	W17
T 18	19 42 11	25°47'07	25°25	19°29	8° 9	7°25	1°17	6°33	10°49	12°43	27° 0	0°57	1°20	25°43	28° 7	T 18
F 19	19 46 8	26°44'25	7♊18	19°58	7°47	7°57	1°31	6°31	10°47	12°42	27° 2	0°57	1°17	25°49	28° 7	F 19
S 20	19 50 5	27°41'42	19° 8	20°23	7°27	8°30	1°44	6°29	10°44	12°41	27° 3	0°56	1°13	25°56	28° 8	S 20
S 21	19 54 1	28°38'59	0♋56	20°44	7°10	9° 3	1°57	6°27	10°42	12°40	27° 5	0°56	1°10	26° 3	28° 8	S 21
M22	19 57 58	29°36'16	12°48	21° 1	6°55	9°36	2°11	6°26	10°40	12°39	27° 6	0°56	1° 7	26° 9	28° 9	M22
T 23	20 1 54	0♌33'33	24°44	21°13	6°43	10° 9	2°24	6°24	10°37	12°37	27° 8	0°55	1° 4	26°16	28° 9	T 23
W24	20 5 51	1°30'51	6♌47	21°20	6°33	10°42	2°37	6°22	10°35	12°36	27° 9	0°55	1° 1	26°23	28°10	W24
T 25	20 9 47	2°28'07	18°59	21°R23	6°25	11°15	2°50	6°21	10°33	12°35	27°11	0°55	0°58	26°29	28°10	T 25
F 26	20 13 44	3°25'24	1♍22	21°21	6°20	11°48	3° 3	6°19	10°31	12°34	27°12	0°55	0°54	26°36	28°11	F 26
S 27	20 17 41	4°22'41	13°57	21°14	6°17	12°22	3°16	6°18	10°29	12°33	27°14	0°55	0°51	26°43	28°11	S 27
S 28	20 21 37	5°19'57	26°47	21° 3	6°D16	12°55	3°29	6°16	10°26	12°32	27°15	0°54	0°48	26°49	28°11	S 28
M29	20 25 34	6°17'14	9♎51	20°47	6°18	13°29	3°42	6°15	10°24	12°30	27°17	0°54	0°45	26°56	28°11	M29
T 30	20 29 30	7°14'30	23°13	20°27	6°22	14° 3	3°55	6°14	10°22	12°29	27°18	0°54	0°42	27° 3	28°11	T 30
W31	20 33 27	8♌11'46	6♏54	20♌ 3	6♋28	14♎37	4♋ 8	6♐13	10♑20	12♓28	27♋20	0°D53	0♒38	27♊10	28♈11	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n57	4s 3	4s30	21n19	1n46	20n49	1s20	1n16	0n46	22n47	0s29	19s17	2n 9	23s 6	0s18	7s 7	0s29	18n 2	2s43	19s48	19s32	26n21	11n31	0n57
T 2	22 53	9 45	5 0	20 54	1 40	20 39	1 34	1 3	0 45	22 48	0 29	19 16	2 9	23 6	0 18	7 7	0 29	18 2	2 43	19 48	19 33	26 20	11 31	0 57
W 3	22 48	15 10	5 15	20 28	1 34	20 29	1 48	0 50	0 44	22 48	0 28	19 16	2 9	23 6	0 18	7 7	0 29	18 2	2 43	19 48	19 34	26 20	11 32	0 57
T 4	22 43	19 56	5 11	20 1	1 27	20 19	2 2	0 37	0 43	22 48	0 28	19 16	2 9	23 6	0 18	7 7	0 29	18 2	2 43	19 48	19 35	26 20	11 32	0 57
F 5	22 37	23 39	4 48	19 35	1 20	20 10	2 16	0 24	0 42	22 48	0 28	19 15	2 8	23 6	0 18	7 8	0 29	18 2	2 43	19 49	19 35	26 19	11 33	0 57
S 6	22 32	25 53	4 5	19 7	1 12	20 0	2 30	0 11	0 40	22 49	0 28	19 15	2 8	23 7	0 18	7 8	0 29	18 1	2 42	19 49	19 36	26 19	11 33	0 57
S 7	22 25	26 17	3 4	18 40	1 3	19 51	2 44	0s 2	0 39	22 49	0 28	19 15	2 8	23 7	0 18	7 8	0 29	18 1	2 42	19 49	19 37	26 18	11 34	0 57
M 8	22 19	24 43	1 51	18 12	0 54	19 41	2 57	0 16	0 38	22 49	0 28	19 14	2 8	23 7	0 18	7 8	0 29	18 1	2 42	19 50	19 37	26 18	11 34	0 57
T 9	22 12	21 23	0 30	17 44	0 44	19 32	3 10	0 29	0 37	22 49	0 28	19 14	2 8	23 7	0 18	7 9	0 29	18 1	2 42	19 50	19 38	26 17	11 34	0 57
W10	22 4	16 41	0n52	17 17	0 33	19 23	3 22	0 42	0 36	22 49	0 28	19 14	2 7	23 8	0 18	7 9	0 29	18 1	2 42	19 50	19 39	26 17	11 35	0 57
T 11	21 56	11 6	2 9	16 49	0 22	19 14	3 34	0 55	0 35	22 49	0 28	19 14	2 7	23 8	0 18	7 9	0 29	18 0	2 42	19 50	19 39	26 17	11 35	0 57
F 12	21 48	5 7	3 16	16 21	0 10	19 6	3 45	1 9	0 34	22 49	0 28	19 13	2 7	23 8	0 18	7 10	0 29	18 0	2 42	19 49	19 40	26 16	11 35	0 57
S 13	21 40	0n55	4 9	15 54	0s 2	18 58	3 56	1 22	0 33	22 50	0 28	19 13	2 7	23 8	0 18	7 10	0 29	18 0	2 42	19 49	19 41	26 16	11 36	0 57
S 14	21 31	6 43	4 47	15 28	0 15	18 50	4 6	1 36	0 32	22 50	0 28	19 13	2 7	23 8	0 18	7 10	0 29	18 0	2 42	19 49	19 42	26 15	11 36	0 57
M15	21 21	12 4	5 10	15 1	0 28	18 42	4 16	1 49	0 31	22 50	0 28	19 13	2 6	23 9	0 18	7 11	0 29	18 0	2 42	19 49	19 42	26 15	11 36	0 57
T 16	21 12	16 46	5 17	14 36	0 41	18 35	4 25	2 3	0 30	22 50	0 28	19 13	2 6	23 9	0 18	7 11	0 29	17 59	2 42	19 49	19 43	26 14	11 37	0 57
W17	21 2	20 41	5 10	14 11	0 55	18 28	4 34	2 16	0 29	22 50	0 28	19 12	2 6	23 9	0 18	7 12	0 29	17 59	2 42	19 49	19 44	26 14	11 37	0 57
T 18	20 51	23 40	4 49	13 47	1 10	18 21	4 42	2 30	0 28	22 49	0 28	19 12	2 6	23 9	0 18	7 12	0 29	17 59	2 42	19 49	19 44	26 13	11 37	0 57
F 19	20 41	25 36	4 16	13 24	1 24	18 15	4 49	2 44	0 27	22 49	0 27	19 12	2 6	23 9	0 18	7 12	0 29	17 59	2 42	19 49	19 45	26 13	11 37	0 57
S 20	20 30	26 22	3 32	13 2	1 39	18 10	4 56	2 57	0 26	22 49	0 27	19 12	2 5	23 10	0 18	7 13	0 29	17 58	2 42	19 49	19 46	26 12	11 38	0 57
S 21	20 18	25 56	2 39	12 41	1 54	18 5	5 2	3 11	0 25	22 49	0 27	19 12	2 5	23 10	0 18	7 13	0 29	17 58	2 42	19 50	19 46	26 12	11 38	0 57
M22	20 6	24 19	1 39	12 21	2 10	18 0	5 7	3 25	0 24	22 49	0 27	19 12	2 5	23 10	0 18	7 14	0 29	17 58	2 42	19 50	19 47	26 11	11 38	0 57
T 23	19 54	21 37	0 34	12 3	2 25	17 56	5 12	3 39	0 23	22 49	0 27	19 12	2 5	23 10	0 18	7 14	0 29	17 58	2 41	19 50	19 48	26 11	11 38	0 57
W24	19 42	17 56	0s32	11 46	2 40	17 52	5 16	3 52	0 22	22 49	0 27	19 12	2 4	23 10	0 18	7 14	0 29	17 57	2 41	19 50	19 48	26 10	11 38	0 57
T 25	19 29	13 29	1 39	11 31	2 55	17 48	5 20	4 6	0 21	22 48	0 27	19 12	2 4	23 10	0 18	7 15	0 29	17 57	2 41	19 50	19 49	26 10	11 38	0 57
F 26	19 16	8 25	2 41	11 17	3 10	17 45	5 24	4 20	0 20	22 48	0 27	19 12	2 4	23 11	0 18	7 15	0 29	17 57	2 41	19 50	19 50	26 9	11 38	0 57
S 27	19 3	2 56	3 37	11 6	3 25	17 42	5 26	4 34	0 19	22 48	0 27	19 12	2 4	23 11	0 18	7 16	0 29	17 57	2 41	19 50	19 51	26 8	11 38	0 56
S 28	18 49	2s45	4 23	10 56	3 39	17 40	5 29	4 48	0 18	22 48	0 27	19 12	2 3	23 11	0 18	7 16	0 29	17 57	2 41	19 50	19 51	26 8	11 39	0 56
M29	18 35	8 25	4 56	10 48	3 52	17 38	5 31	5 2	0 17	22 47	0 27	19 12	2 3	23 11	0 18	7 17	0 29	17 56	2 41	19 50	19 52	26 7	11 39	0 56
T 30	18 21	13 50	5 14	10 42	4 5	17 37	5 32	5 16	0 16	22 47	0 27	19 12	2 3	23 11	0 18	7 17	0 29	17 56	2 41	19 50	19 53	26 7	11 39	0 56
W31	18n 6	18s42	5s15	10n38	4s17	17n35	5s33	5s30	0n15	22n47	0s27	19s12	2n 3	23s12	0s18	7s18	0s29	17n56	2s41	19s50	19s53	26n 6	11n39	0n56

Julian Day Number = 2876502.5, Delta T = 01h14m01s
Ecliptic obliquity = 23°17'24, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°02'02, Lahiri = 40°09'02

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ASTRODIENST EPHEMERIS for the year 3163
geocentric

AUGUST 3163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 37 23	9♌ 9'02	20♏52	19°R34	6♋36	15♎11	4♋20	6°R12	10°R18	12°R27	27♋21	0♒53	0♒35	27♊16	28°R11	T 1
F 2	20 41 20	10° 6'18	5♐ 8	19♌ 3	6°47	15°45	4°33	6♐11	10♑16	12♓25	27°22	0°54	0°32	27°23	28♈11	F 2
S 3	20 45 16	11° 3'34	19°40	18°28	6°59	16°20	4°46	6°11	10°14	12°24	27°24	0°55	0°29	27°30	28°11	S 3
S 4	20 49 13	12° 0'50	4♑23	17°51	7°14	16°54	4°58	6°10	10°12	12°23	27°25	0°56	0°26	27°36	28°11	S 4
M 5	20 53 10	12°58'06	19°12	17°12	7°30	17°28	5°11	6°10	10°10	12°21	27°27	0°56	0°23	27°43	28°11	M 5
T 6	20 57 6	13°55'23	3♒59	16°32	7°48	18° 3	5°23	6° 9	10° 8	12°20	27°28	0°R56	0°19	27°50	28°11	T 6
W 7	21 1 3	14°52'39	18°39	15°51	8° 8	18°38	5°36	6° 9	10° 6	12°19	27°30	0°56	0°16	27°56	28°10	W 7
T 8	21 4 59	15°49'56	3♓ 4	15°11	8°30	19°13	5°48	6° 9	10° 4	12°17	27°31	0°55	0°13	28° 3	28°10	T 8
F 9	21 8 56	16°47'13	17° 9	14°31	8°54	19°48	6° 0	6° 9	10° 2	12°16	27°33	0°53	0°10	28°10	28°10	F 9
S 10	21 12 52	17°44'31	0♈51	13°52	9°19	20°23	6°12	6°D 9	10° 1	12°14	27°34	0°51	0° 7	28°16	28° 9	S 10
S 11	21 16 49	18°41'50	14° 8	13°16	9°46	20°58	6°24	6° 9	9°59	12°13	27°36	0°48	0° 4	28°23	28° 9	S 11
M12	21 20 45	19°39'09	27° 1	12°43	10°14	21°33	6°36	6° 9	9°57	12°11	27°37	0°47	0° 0	28°30	28° 8	M12
T 13	21 24 42	20°36'29	9♉33	12°13	10°44	22° 8	6°48	6° 9	9°56	12°10	27°38	0°45	29♑57	28°36	28° 7	T 13
W14	21 28 39	21°33'50	21°48	11°48	11°16	22°44	7° 0	6° 9	9°54	12° 8	27°40	0°D45	29°54	28°43	28° 7	W14
T 15	21 32 35	22°31'12	3♊49	11°27	11°48	23°20	7°12	6°10	9°52	12° 7	27°41	0°45	29°51	28°50	28° 6	T 15
F 16	21 36 32	23°28'35	15°42	11°11	12°22	23°55	7°24	6°10	9°51	12° 5	27°43	0°46	29°48	28°56	28° 5	F 16
S 17	21 40 28	24°25'59	27°31	11° 1	12°58	24°31	7°35	6°11	9°49	12° 4	27°44	0°48	29°44	29° 3	28° 4	S 17
S 18	21 44 25	25°23'23	9♋21	10°D56	13°34	25° 7	7°47	6°12	9°48	12° 2	27°45	0°50	29°41	29°10	28° 4	S 18
M19	21 48 21	26°20'49	21°16	10°58	14°12	25°43	7°58	6°13	9°46	12° 1	27°47	0°51	29°38	29°16	28° 3	M19
T 20	21 52 18	27°18'15	3♌19	11° 5	14°51	26°19	8°10	6°14	9°45	11°59	27°48	0°R51	29°35	29°23	28° 2	T 20
W21	21 56 14	28°15'43	15°33	11°19	15°31	26°55	8°21	6°15	9°44	11°58	27°49	0°50	29°32	29°30	28° 1	W21
T 22	22 0 11	29°13'11	28° 0	11°40	16°12	27°31	8°32	6°16	9°42	11°56	27°51	0°48	29°29	29°36	28° 0	T 22
F 23	22 4 8	0♍10'40	10♍41	12° 6	16°54	28° 8	8°43	6°17	9°41	11°54	27°52	0°45	29°25	29°43	27°59	F 23
S 24	22 8 4	1° 8'09	23°37	12°40	17°37	28°44	8°54	6°18	9°40	11°53	27°53	0°40	29°22	29°49	27°57	S 24
S 25	22 12 1	2° 5'40	6♎47	13°20	18°21	29°21	9° 5	6°20	9°38	11°51	27°55	0°35	29°19	29°56	27°56	S 25
M26	22 15 57	3° 3'11	20°11	14° 6	19° 6	29°57	9°16	6°21	9°37	11°50	27°56	0°30	29°16	0♋ 3	27°55	M26
T 27	22 19 54	4° 0'43	3♏47	14°58	19°51	0♏34	9°27	6°23	9°36	11°48	27°57	0°26	29°13	0° 9	27°54	T 27
W28	22 23 50	4°58'16	17°34	15°57	20°38	1°11	9°37	6°25	9°35	11°46	27°58	0°24	29°10	0°16	27°52	W28
T 29	22 27 47	5°55'50	1♐32	17° 2	21°25	1°48	9°48	6°27	9°34	11°45	28° 0	0°D22	29° 6	0°23	27°51	T 29
F 30	22 31 43	6°53'24	15°40	18°12	22°13	2°25	9°58	6°29	9°33	11°43	28° 1	0°23	29° 3	0°29	27°50	F 30
S 31	22 35 40	7♍50'59	29♐55	19♌28	23♋ 2	3♏ 2	10♋ 9	6♐31	9♑32	11♓41	28♋ 2	0♒24	29♑ 0	0♋36	27♈48	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n51	22s39	4s58	10n36	4s28	17n34	5s34	5s44	0n14	22n46	0s27	19s12	2n 2	23s12	0s18	7s18	0s30	17n56	2s41	19s50	19s54	26n 6	11n39	0n56
F 2	17 36	25 19	4 22	10 37	4 38	17 34	5 34	5 57	0 13	22 46	0 27	19 12	2 2	23 12	0 18	7 19	0 30	17 55	2 41	19 50	19 55	26 5	11 39	0 56
S 3	17 21	26 22	3 29	10 39	4 46	17 33	5 34	6 11	0 12	22 46	0 27	19 12	2 2	23 12	0 18	7 19	0 30	17 55	2 41	19 50	19 55	26 4	11 38	0 56
S 4	17 5	25 35	2 22	10 43	4 53	17 33	5 33	6 25	0 12	22 45	0 27	19 12	2 2	23 12	0 18	7 20	0 30	17 55	2 41	19 50	19 56	26 4	11 38	0 56
M 5	16 49	23 0	1 5	10 50	4 59	17 33	5 33	6 39	0 11	22 45	0 27	19 12	2 1	23 12	0 18	7 20	0 30	17 55	2 41	19 49	19 57	26 3	11 38	0 56
T 6	16 33	18 52	0n17	10 58	5 3	17 33	5 31	6 53	0 10	22 44	0 27	19 13	2 1	23 12	0 18	7 21	0 30	17 54	2 41	19 49	19 57	26 3	11 38	0 56
W 7	16 16	13 37	1 37	11 7	5 5	17 33	5 30	7 7	0 9	22 44	0 27	19 13	2 1	23 13	0 18	7 21	0 30	17 54	2 41	19 50	19 58	26 2	11 38	0 56
T 8	15 59	7 41	2 49	11 18	5 6	17 33	5 28	7 21	0 8	22 43	0 26	19 13	2 1	23 13	0 18	7 22	0 30	17 54	2 41	19 50	19 59	26 1	11 38	0 56
F 9	15 42	1 32	3 49	11 31	5 4	17 34	5 26	7 35	0 7	22 43	0 26	19 13	2 1	23 13	0 18	7 23	0 30	17 54	2 41	19 50	19 59	26 1	11 38	0 56
S 10	15 25	4n32	4 34	11 45	5 1	17 34	5 24	7 49	0 6	22 42	0 26	19 13	2 0	23 13	0 18	7 23	0 30	17 53	2 41	19 51	20 0	26 0	11 38	0 56
S 11	15 8	10 11	5 2	11 59	4 57	17 35	5 22	8 3	0 5	22 42	0 26	19 14	2 0	23 13	0 18	7 24	0 30	17 53	2 41	19 51	20 1	25 59	11 37	0 56
M12	14 50	15 15	5 15	12 14	4 50	17 36	5 19	8 17	0 5	22 41	0 26	19 14	2 0	23 13	0 18	7 24	0 30	17 53	2 41	19 52	20 1	25 59	11 37	0 56
T 13	14 32	19 31	5 12	12 30	4 43	17 36	5 16	8 31	0 4	22 41	0 26	19 14	2 0	23 13	0 18	7 25	0 30	17 53	2 41	19 52	20 2	25 58	11 37	0 56
W14	14 14	22 51	4 55	12 46	4 33	17 37	5 13	8 45	0 3	22 40	0 26	19 15	1 59	23 13	0 18	7 25	0 30	17 52	2 41	19 52	20 3	25 57	11 37	0 56
T 15	13 55	25 7	4 25	13 2	4 23	17 37	5 10	8 58	0 2	22 40	0 26	19 15	1 59	23 14	0 18	7 26	0 30	17 52	2 41	19 52	20 3	25 57	11 36	0 56
F 16	13 37	26 14	3 44	13 17	4 11	17 38	5 7	9 12	0 1	22 39	0 26	19 15	1 59	23 14	0 18	7 27	0 30	17 52	2 41	19 52	20 4	25 56	11 36	0 56
S 17	13 18	26 9	2 53	13 33	3 58	17 38	5 3	9 26	0 0	22 38	0 26	19 16	1 59	23 14	0 18	7 27	0 30	17 52	2 40	19 51	20 5	25 55	11 36	0 56
S 18	12 59	24 53	1 56	13 47	3 44	17 38	4 59	9 40	0s 0	22 38	0 26	19 16	1 58	23 14	0 18	7 28	0 30	17 51	2 40	19 51	20 5	25 54	11 35	0 56
M19	12 39	22 29	0 53	14 1	3 29	17 38	4 56	9 54	0 1	22 37	0 26	19 16	1 58	23 14	0 18	7 28	0 30	17 51	2 40	19 51	20 6	25 54	11 35	0 56
T 20	12 20	19 4	0s14	14 14	3 14	17 38	4 52	10 8	0 2	22 37	0 26	19 17	1 58	23 14	0 18	7 29	0 30	17 51	2 40	19 51	20 7	25 53	11 35	0 56
W21	12 0	14 48	1 20	14 25	2 58	17 38	4 47	10 21	0 3	22 36	0 26	19 17	1 58	23 14	0 18	7 30	0 30	17 51	2 40	19 51	20 7	25 52	11 34	0 56
T 22	11 40	9 51	2 23	14 35	2 42	17 38	4 43	10 35	0 4	22 35	0 26	19 18	1 57	23 14	0 18	7 30	0 30	17 51	2 40	19 51	20 8	25 51	11 34	0 56
F 23	11 20	4 24	3 21	14 44	2 25	17 37	4 39	10 49	0 4	22 35	0 26	19 18	1 57	23 14	0 18	7 31	0 30	17 50	2 40	19 52	20 9	25 51	11 34	0 56
S 24	11 0	1s18	4 9	14 50	2 9	17 36	4 34	11 2	0 5	22 34	0 26	19 19	1 57	23 15	0 18	7 31	0 30	17 50	2 40	19 53	20 9	25 50	11 33	0 56
S 25	10 40	7 3	4 46	14 55	1 52	17 35	4 30	11 16	0 6	22 33	0 26	19 19	1 57	23 15	0 18	7 32	0 30	17 50	2 40	19 54	20 10	25 49	11 33	0 56
M26	10 19	12 35	5 7	14 58	1 36	17 34	4 25	11 29	0 7	22 32	0 26	19 19	1 56	23 15	0 18	7 33	0 30	17 50	2 40	19 55	20 11	25 48	11 32	0 56
T 27	9 59	17 35	5 11	14 59	1 19	17 32	4 21	11 43	0 7	22 32	0 26	19 20	1 56	23 15	0 18	7 33	0 30	17 49	2 40	19 56	20 11	25 48	11 32	0 56
W28	9 38	21 44	4 58	14 57	1 3	17 30	4 16	11 56	0 8	22 31	0 26	19 21	1 56	23 15	0 18	7 34	0 30	17 49	2 40	19 56	20 12	25 47	11 31	0 56
T 29	9 17	24 42	4 27	14 53	0 48	17 28	4 11	12 10	0 9	22 30	0 26	19 21	1 56	23 15	0 18	7 35	0 30	17 49	2 40	19 57	20 13	25 46	11 31	0 56
F 30	8 56	26 10	3 40	14 46	0 32	17 25	4 6	12 23	0 10	22 30	0 26	19 22	1 55	23 15	0 18	7 35	0 30	17 49	2 40	19 57	20 13	25 45	11 30	0 56
S 31	8n34	25s56	2s38	14n36	0s18	17n23	4s 1	12s37	0s10	22n29	0s26	19s22	1n55	23s15	0s18	7s36	0s30	17n48	2s40	19s56	20s14	25n44	11n30	0n56

Julian Day Number = 2876533.5, Delta T = 01h14m02s
Ecliptic obliquity = 23°17'24, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°02'06, Lahiri = 40°09'07

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ASTRODIENST EPHEMERIS for the year 3163
geocentric

SEPTEMBER 3163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 39 37	8♍48'35	14♑16	20♌50	23♋52	3♏39	10♋19	6♐33	9°R31	11°R40	28♋ 3	0♒25	28♑57	0♋43	27°R47	S 1
M 2	22 43 33	9°46'12	28°40	22°17	24°42	4°17	10°29	6°35	9♑31	11♓38	28° 4	0°R26	28°54	0°49	27♈45	M 2
T 3	22 47 30	10°43'49	13♒ 3	23°48	25°33	4°54	10°39	6°37	9°30	11°37	28° 6	0°25	28°50	0°56	27°43	T 3
W 4	22 51 26	11°41'28	27°21	25°24	26°24	5°32	10°49	6°40	9°29	11°35	28° 7	0°23	28°47	1° 3	27°42	W 4
T 5	22 55 23	12°39'08	11♓28	27° 4	27°17	6° 9	10°59	6°42	9°28	11°33	28° 8	0°18	28°44	1° 9	27°40	T 5
F 6	22 59 19	13°36'48	25°21	28°48	28°10	6°47	11° 9	6°45	9°28	11°32	28° 9	0°12	28°41	1°16	27°38	F 6
S 7	23 3 16	14°34'30	8♈56	0♍35	29° 3	7°25	11°18	6°47	9°27	11°30	28°10	0° 5	28°38	1°23	27°37	S 7
S 8	23 7 12	15°32'14	22° 9	2°25	29°57	8° 2	11°28	6°50	9°27	11°28	28°11	29♑58	28°35	1°29	27°35	S 8
M 9	23 11 9	16°29'59	5♉ 1	4°18	0♌52	8°40	11°37	6°53	9°26	11°27	28°12	29°51	28°31	1°36	27°33	M 9
T 10	23 15 5	17°27'46	17°34	6°13	1°47	9°18	11°46	6°56	9°26	11°25	28°13	29°45	28°28	1°43	27°31	T 10
W11	23 19 2	18°25'34	29°49	8° 9	2°43	9°56	11°55	6°59	9°25	11°24	28°14	29°41	28°25	1°49	27°29	W11
T 12	23 22 59	19°23'24	11♊50	10° 6	3°39	10°35	12° 4	7° 2	9°25	11°22	28°15	29°39	28°22	1°56	27°27	T 12
F 13	23 26 55	20°21'15	23°43	12° 5	4°35	11°13	12°13	7° 5	9°25	11°20	28°16	29°D39	28°19	2° 3	27°25	F 13
S 14	23 30 52	21°19'08	5♋32	14° 4	5°33	11°51	12°22	7° 8	9°24	11°19	28°17	29°40	28°16	2° 9	27°23	S 14
S 15	23 34 48	22°17'03	17°23	16° 3	6°30	12°30	12°31	7°12	9°24	11°17	28°18	29°41	28°12	2°16	27°21	S 15
M16	23 38 45	23°14'59	29°21	18° 2	7°28	13° 8	12°39	7°15	9°24	11°15	28°19	29°R42	28° 9	2°23	27°19	M16
T 17	23 42 41	24°12'58	11♌30	20° 1	8°27	13°47	12°48	7°19	9°24	11°14	28°20	29°41	28° 6	2°29	27°17	T 17
W18	23 46 38	25°10'57	23°53	21°59	9°26	14°25	12°56	7°22	9°D24	11°12	28°21	29°38	28° 3	2°36	27°15	W18
T 19	23 50 34	26° 8'59	6♍35	23°57	10°25	15° 4	13° 4	7°26	9°24	11°11	28°22	29°33	28° 0	2°43	27°13	T 19
F 20	23 54 31	27° 7'02	19°35	25°54	11°25	15°43	13°12	7°30	9°24	11° 9	28°23	29°26	27°56	2°49	27°10	F 20
S 21	23 58 28	28° 5'06	2♎53	27°51	12°25	16°22	13°20	7°33	9°24	11° 8	28°24	29°17	27°53	2°56	27° 8	S 21
S 22	0 2 24	29° 3'13	16°28	29°46	13°25	17° 1	13°28	7°37	9°24	11° 6	28°25	29° 7	27°50	3° 3	27° 6	S 22
M23	0 6 21	0♎ 1'20	0♏17	1♎41	14°26	17°40	13°35	7°41	9°25	11° 5	28°26	28°57	27°47	3° 9	27° 4	M23
T 24	0 10 17	0°59'30	14°16	3°34	15°27	18°19	13°43	7°45	9°25	11° 3	28°26	28°48	27°44	3°16	27° 1	T 24
W25	0 14 14	1°57'40	28°22	5°26	16°29	18°59	13°50	7°50	9°25	11° 1	28°27	28°42	27°41	3°23	26°59	W25
T 26	0 18 10	2°55'53	12♐30	7°17	17°31	19°38	13°57	7°54	9°25	11° 0	28°28	28°38	27°37	3°29	26°56	T 26
F 27	0 22 7	3°54'06	26°39	9° 7	18°33	20°18	14° 4	7°58	9°26	10°59	28°29	28°36	27°34	3°36	26°54	F 27
S 28	0 26 3	4°52'21	10♑47	10°56	19°35	20°57	14°11	8° 3	9°26	10°57	28°29	28°D36	27°31	3°43	26°52	S 28
S 29	0 30 0	5°50'37	24°53	12°44	20°38	21°37	14°17	8° 7	9°27	10°56	28°30	28°R37	27°28	3°49	26°49	S 29
M30	0 33 57	6♎48'55	8♒55	14♎30	21♌41	22♏16	14♋24	8♐12	9♑28	10♓54	28♋31	28♑36	27♑25	3♋56	26♈47	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n13	23s58	1s27	14n24	0s 4	17n19	3s56	12s50	0s11	22n28	0s26	19s23	1n55	23s15	0s18	7s36	0s30	17n48	2s40	19s56	20s15	25n44	11n29	0n56
M 2	7 51	20 27	0 10	14 9	0n10	17 16	3 51	13 3	0 12	22 27	0 25	19 23	1 55	23 15	0 18	7 37	0 30	17 48	2 40	19 56	20 15	25 43	11 28	0 56
T 3	7 30	15 42	1n 8	13 51	0 22	17 12	3 46	13 16	0 13	22 27	0 25	19 24	1 54	23 15	0 18	7 38	0 30	17 48	2 40	19 56	20 16	25 42	11 28	0 55
W 4	7 8	10 7	2 21	13 31	0 34	17 8	3 40	13 30	0 13	22 26	0 25	19 25	1 54	23 15	0 18	7 38	0 30	17 48	2 40	19 57	20 16	25 41	11 27	0 55
T 5	6 46	4 4	3 24	13 7	0 45	17 3	3 35	13 43	0 14	22 25	0 25	19 25	1 54	23 15	0 18	7 39	0 30	17 47	2 40	19 58	20 17	25 40	11 27	0 55
F 6	6 24	2n 3	4 14	12 41	0 55	16 58	3 30	13 56	0 15	22 24	0 25	19 26	1 54	23 15	0 18	7 40	0 30	17 47	2 40	19 59	20 18	25 39	11 26	0 55
S 7	6 2	7 56	4 48	12 12	1 5	16 53	3 24	14 9	0 15	22 24	0 25	19 27	1 53	23 15	0 18	7 40	0 30	17 47	2 40	20 0	20 18	25 39	11 25	0 55
S 8	5 40	13 18	5 5	11 41	1 13	16 47	3 19	14 21	0 16	22 23	0 25	19 27	1 53	23 15	0 18	7 41	0 30	17 47	2 40	20 2	20 19	25 38	11 25	0 55
M 9	5 18	17 56	5 7	11 7	1 20	16 41	3 14	14 34	0 17	22 22	0 25	19 28	1 53	23 15	0 18	7 41	0 30	17 47	2 40	20 3	20 20	25 37	11 24	0 55
T 10	4 55	21 40	4 54	10 31	1 27	16 35	3 8	14 47	0 18	22 21	0 25	19 29	1 53	23 15	0 18	7 42	0 30	17 46	2 40	20 5	20 20	25 36	11 23	0 55
W11	4 33	24 20	4 27	9 53	1 32	16 28	3 3	15 0	0 18	22 20	0 25	19 29	1 53	23 15	0 18	7 43	0 30	17 46	2 40	20 5	20 21	25 35	11 22	0 55
T 12	4 10	25 51	3 49	9 13	1 37	16 21	2 57	15 12	0 19	22 20	0 25	19 30	1 52	23 15	0 18	7 43	0 30	17 46	2 40	20 6	20 22	25 34	11 22	0 55
F 13	3 48	26 10	3 1	8 32	1 40	16 13	2 52	15 25	0 20	22 19	0 25	19 31	1 52	23 15	0 18	7 44	0 30	17 46	2 40	20 6	20 22	25 33	11 21	0 55
S 14	3 25	25 17	2 6	7 49	1 43	16 5	2 46	15 37	0 20	22 18	0 25	19 32	1 52	23 15	0 18	7 45	0 30	17 46	2 40	20 6	20 23	25 32	11 20	0 55
S 15	3 3	23 15	1 6	7 5	1 45	15 56	2 41	15 49	0 21	22 17	0 25	19 32	1 52	23 15	0 18	7 45	0 30	17 45	2 40	20 5	20 24	25 32	11 19	0 55
M16	2 40	20 11	0 2	6 20	1 46	15 47	2 35	16 2	0 22	22 17	0 25	19 33	1 51	23 16	0 18	7 46	0 30	17 45	2 40	20 5	20 24	25 31	11 19	0 55
T 17	2 17	16 13	1s 3	5 33	1 46	15 38	2 30	16 14	0 22	22 16	0 25	19 34	1 51	23 16	0 18	7 46	0 30	17 45	2 40	20 5	20 25	25 30	11 18	0 55
W18	1 54	11 29	2 6	4 47	1 46	15 28	2 24	16 26	0 23	22 15	0 25	19 35	1 51	23 15	0 18	7 47	0 30	17 45	2 40	20 6	20 25	25 29	11 17	0 55
T 19	1 31	6 11	3 4	3 59	1 44	15 17	2 19	16 38	0 24	22 14	0 25	19 36	1 51	23 15	0 18	7 48	0 30	17 45	2 40	20 7	20 26	25 28	11 16	0 55
F 20	1 8	0 30	3 54	3 11	1 43	15 7	2 13	16 50	0 24	22 14	0 25	19 36	1 50	23 15	0 18	7 48	0 30	17 45	2 40	20 9	20 27	25 27	11 15	0 55
S 21	0 45	5s19	4 33	2 23	1 40	14 55	2 8	17 2	0 25	22 13	0 25	19 37	1 50	23 15	0 18	7 49	0 30	17 44	2 40	20 11	20 27	25 26	11 14	0 55
S 22	0 22	11 0	4 57	1 35	1 37	14 44	2 2	17 13	0 26	22 12	0 25	19 38	1 50	23 15	0 18	7 49	0 30	17 44	2 40	20 13	20 28	25 25	11 14	0 55
M23	0s 1	16 15	5 4	0 47	1 34	14 32	1 57	17 25	0 26	22 11	0 25	19 39	1 50	23 15	0 18	7 50	0 30	17 44	2 40	20 15	20 29	25 24	11 13	0 55
T 24	0 24	20 41	4 53	0s 2	1 30	14 19	1 52	17 36	0 27	22 11	0 25	19 40	1 50	23 15	0 18	7 51	0 30	17 44	2 40	20 16	20 29	25 23	11 12	0 55
W25	0 47	23 58	4 25	0 50	1 26	14 7	1 46	17 48	0 27	22 10	0 25	19 41	1 49	23 15	0 18	7 51	0 30	17 44	2 40	20 18	20 30	25 22	11 11	0 54
T 26	1 10	25 47	3 40	1 38	1 21	13 53	1 41	17 59	0 28	22 9	0 25	19 42	1 49	23 15	0 18	7 52	0 30	17 44	2 40	20 18	20 30	25 21	11 10	0 54
F 27	1 33	25 56	2 42	2 25	1 16	13 40	1 35	18 10	0 29	22 9	0 25	19 42	1 49	23 15	0 18	7 52	0 30	17 43	2 40	20 19	20 31	25 20	11 9	0 54
S 28	1 55	24 24	1 33	3 13	1 11	13 25	1 30	18 21	0 29	22 8	0 25	19 43	1 49	23 15	0 18	7 53	0 30	17 43	2 40	20 19	20 32	25 19	11 8	0 54
S 29	2 18	21 21	0 20	3 59	1 6	13 11	1 25	18 32	0 30	22 7	0 25	19 44	1 49	23 15	0 18	7 53	0 30	17 43	2 40	20 19	20 32	25 18	11 7	0 54
M30	2s41	17s 2	0n55	4s46	1n 0	12n56	1s20	18s43	0s30	22n 7	0s25	19s45	1n48	23s15	0s18	7s54	0s30	17n43	2s40	20s19	20s33	25n17	11n 6	0n54

Julian Day Number = 2876564.5, Delta T = 01h14m03s
Ecliptic obliquity = 23°17'24, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°02'10, Lahiri = 40°09'11

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ASTRODIENST EPHEMERIS for the year 3163
geocentric

OCTOBER 3163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 37 53	7♎47'14	22♒54	16♎16	22♌45	22♏56	14♋30	8♐16	9♑28	10°R53	28♋32	28°R34	27♑21	4♋ 3	26°R44	T 1
W 2	0 41 50	8°45'35	6♓45	18° 0	23°48	23°36	14°36	8°21	9°29	10♓51	28°32	28♑29	27°18	4° 9	26♈42	W 2
T 3	0 45 46	9°43'57	20°29	19°43	24°52	24°16	14°42	8°26	9°30	10°50	28°33	28°22	27°15	4°16	26°39	T 3
F 4	0 49 43	10°42'21	4♈ 1	21°25	25°56	24°56	14°48	8°30	9°30	10°49	28°33	28°12	27°12	4°23	26°37	F 4
S 5	0 53 39	11°40'47	17°18	23° 6	27° 1	25°36	14°54	8°35	9°31	10°47	28°34	28° 0	27° 9	4°29	26°34	S 5
S 6	0 57 36	12°39'14	0♉20	24°46	28° 6	26°16	15° 0	8°40	9°32	10°46	28°35	27°48	27° 6	4°36	26°31	S 6
M 7	1 1 32	13°37'43	13° 4	26°25	29°10	26°56	15° 5	8°45	9°33	10°45	28°35	27°36	27° 2	4°42	26°29	M 7
T 8	1 5 29	14°36'15	25°32	28° 3	0♍16	27°37	15°10	8°50	9°34	10°43	28°36	27°26	26°59	4°49	26°26	T 8
W 9	1 9 26	15°34'48	7♊44	29°39	1°21	28°17	15°15	8°55	9°35	10°42	28°36	27°18	26°56	4°56	26°24	W 9
T 10	1 13 22	16°33'24	19°44	1♏15	2°27	28°58	15°20	9° 1	9°36	10°41	28°37	27°13	26°53	5° 2	26°21	T 10
F 11	1 17 19	17°32'02	1♋35	2°50	3°33	29°38	15°25	9° 6	9°37	10°39	28°37	27°10	26°50	5° 9	26°18	F 11
S 12	1 21 15	18°30'42	13°24	4°24	4°39	0♐19	15°29	9°11	9°38	10°38	28°37	27° 9	26°47	5°16	26°16	S 12
S 13	1 25 12	19°29'24	25°14	5°57	5°46	0°59	15°34	9°17	9°40	10°37	28°38	27° 9	26°43	5°22	26°13	S 13
M14	1 29 8	20°28'08	7♌12	7°29	6°52	1°40	15°38	9°22	9°41	10°36	28°38	27° 9	26°40	5°29	26°10	M14
T 15	1 33 5	21°26'54	19°22	9° 0	7°59	2°21	15°42	9°28	9°42	10°35	28°39	27° 7	26°37	5°36	26° 8	T 15
W16	1 37 1	22°25'43	1♍51	10°30	9° 6	3° 2	15°46	9°33	9°44	10°34	28°39	27° 4	26°34	5°42	26° 5	W16
T 17	1 40 58	23°24'33	14°40	11°59	10°13	3°43	15°50	9°39	9°45	10°33	28°39	26°57	26°31	5°49	26° 2	T 17
F 18	1 44 54	24°23'26	27°53	13°28	11°21	4°24	15°53	9°45	9°47	10°31	28°39	26°48	26°27	5°56	25°59	F 18
S 19	1 48 51	25°22'20	11♎30	14°55	12°28	5° 5	15°56	9°50	9°48	10°30	28°40	26°37	26°24	6° 2	25°57	S 19
S 20	1 52 48	26°21'17	25°28	16°21	13°36	5°47	15°59	9°56	9°50	10°29	28°40	26°25	26°21	6° 9	25°54	S 20
M21	1 56 44	27°20'16	9♏43	17°46	14°44	6°28	16° 2	10° 2	9°51	10°28	28°40	26°13	26°18	6°16	25°51	M21
T 22	2 0 41	28°19'17	24° 9	19°11	15°52	7° 9	16° 5	10° 8	9°53	10°27	28°40	26° 2	26°15	6°22	25°49	T 22
W23	2 4 37	29°18'19	8♐39	20°34	17° 1	7°51	16° 7	10°14	9°55	10°26	28°41	25°54	26°12	6°29	25°46	W23
T 24	2 8 34	0♏17'24	23° 8	21°56	18° 9	8°32	16°10	10°20	9°57	10°26	28°41	25°49	26° 8	6°36	25°43	T 24
F 25	2 12 30	1°16'30	7♑31	23°18	19°18	9°14	16°12	10°26	9°58	10°25	28°41	25°46	26° 5	6°42	25°41	F 25
S 26	2 16 27	2°15'38	21°44	24°38	20°27	9°56	16°14	10°32	10° 0	10°24	28°41	25°45	26° 2	6°49	25°38	S 26
S 27	2 20 23	3°14'47	5♒46	25°56	21°36	10°38	16°16	10°38	10° 2	10°23	28°41	25°45	25°59	6°56	25°35	S 27
M28	2 24 20	4°13'58	19°38	27°14	22°45	11°19	16°17	10°44	10° 4	10°22	28°41	25°45	25°56	7° 2	25°33	M28
T 29	2 28 17	5°13'11	3♓18	28°30	23°54	12° 1	16°18	10°51	10° 6	10°21	28°41	25°42	25°53	7° 9	25°30	T 29
W30	2 32 13	6°12'25	16°49	29°45	25° 4	12°43	16°20	10°57	10° 8	10°21	28°R41	25°37	25°49	7°16	25°27	W30
T 31	2 36 10	7♏11'42	0♈ 8	0♐58	26♍13	13♐25	16♋21	11♐ 3	10♑10	10♓20	28♋41	25♑29	25♑46	7♋22	25♈25	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s 4	11s49	2n 5	5s32	0n54	12n41	1s14	18s54	0s31	22n 6	0s25	19s46	1n48	23s15	0s18	7s54	0s30	17n43	2s40	20s19	20s34	25n16	11n 5	0n54
W 2	3 27	6 4	3 8	6 17	0 47	12 25	1 9	19 4	0 32	22 5	0 24	19 47	1 48	23 15	0 18	7 55	0 30	17 43	2 40	20 20	20 34	25 15	11 4	0 54
T 3	3 50	0 5	3 59	7 2	0 41	12 9	1 4	19 15	0 32	22 5	0 24	19 48	1 48	23 15	0 18	7 56	0 30	17 43	2 40	20 22	20 35	25 14	11 3	0 54
F 4	4 13	5n48	4 35	7 46	0 34	11 52	0 59	19 25	0 33	22 4	0 24	19 49	1 48	23 15	0 18	7 56	0 30	17 42	2 40	20 24	20 35	25 13	11 2	0 54
S 5	4 35	11 19	4 56	8 30	0 27	11 35	0 54	19 35	0 33	22 4	0 24	19 50	1 47	23 15	0 18	7 57	0 30	17 42	2 40	20 26	20 36	25 12	11 1	0 54
S 6	4 58	16 13	5 1	9 13	0 20	11 18	0 49	19 45	0 34	22 3	0 24	19 51	1 47	23 15	0 18	7 57	0 30	17 42	2 40	20 28	20 37	25 11	11 0	0 54
M 7	5 21	20 17	4 51	9 56	0 13	11 0	0 44	19 55	0 35	22 2	0 24	19 52	1 47	23 15	0 18	7 58	0 30	17 42	2 40	20 31	20 37	25 10	10 59	0 54
T 8	5 43	23 20	4 26	10 37	0 6	10 42	0 39	20 5	0 35	22 2	0 24	19 53	1 47	23 15	0 18	7 58	0 30	17 42	2 40	20 33	20 38	25 9	10 58	0 54
W 9	6 6	25 15	3 50	11 18	0s 1	10 24	0 34	20 14	0 36	22 1	0 24	19 54	1 47	23 15	0 18	7 59	0 30	17 42	2 40	20 34	20 38	25 8	10 57	0 54
T 10	6 28	25 58	3 5	11 58	0 9	10 5	0 29	20 24	0 36	22 1	0 24	19 55	1 47	23 14	0 18	7 59	0 30	17 42	2 40	20 35	20 39	25 7	10 56	0 54
F 11	6 50	25 28	2 11	12 38	0 16	9 46	0 25	20 33	0 37	22 0	0 24	19 55	1 46	23 14	0 18	7 59	0 30	17 42	2 40	20 36	20 40	25 6	10 55	0 54
S 12	7 13	23 49	1 12	13 17	0 23	9 26	0 20	20 42	0 37	22 0	0 24	19 56	1 46	23 14	0 18	8 0	0 30	17 42	2 40	20 36	20 40	25 5	10 54	0 53
S 13	7 35	21 7	0 10	13 54	0 31	9 6	0 15	20 51	0 38	21 59	0 24	19 57	1 46	23 14	0 18	8 0	0 30	17 42	2 40	20 36	20 41	25 3	10 53	0 53
M14	7 57	17 30	0s53	14 32	0 38	8 46	0 11	21 0	0 38	21 59	0 24	19 58	1 46	23 14	0 18	8 1	0 30	17 41	2 40	20 36	20 41	25 2	10 52	0 53
T 15	8 19	13 6	1 55	15 8	0 46	8 26	0 6	21 8	0 39	21 58	0 24	19 59	1 46	23 14	0 18	8 1	0 30	17 41	2 40	20 36	20 42	25 1	10 51	0 53
W16	8 41	8 4	2 53	15 43	0 53	8 5	0 2	21 17	0 40	21 58	0 24	20 0	1 45	23 14	0 18	8 2	0 30	17 41	2 40	20 37	20 43	25 0	10 50	0 53
T 17	9 2	2 34	3 43	16 18	1 0	7 44	0n 2	21 25	0 40	21 58	0 24	20 1	1 45	23 14	0 18	8 2	0 30	17 41	2 40	20 38	20 43	24 59	10 49	0 53
F 18	9 24	3s12	4 23	16 51	1 8	7 22	0 7	21 33	0 41	21 57	0 24	20 2	1 45	23 14	0 18	8 2	0 30	17 41	2 40	20 40	20 44	24 58	10 48	0 53
S 19	9 45	8 58	4 50	17 24	1 15	7 0	0 11	21 41	0 41	21 57	0 24	20 3	1 45	23 14	0 18	8 3	0 30	17 41	2 40	20 42	20 44	24 57	10 47	0 53
S 20	10 7	14 27	5 0	17 56	1 22	6 38	0 15	21 49	0 42	21 57	0 24	20 4	1 45	23 13	0 18	8 3	0 30	17 41	2 40	20 44	20 45	24 56	10 46	0 53
M21	10 28	19 15	4 52	18 27	1 29	6 16	0 19	21 57	0 42	21 56	0 24	20 5	1 45	23 13	0 18	8 4	0 30	17 41	2 40	20 47	20 46	24 54	10 45	0 53
T 22	10 49	22 59	4 25	18 57	1 36	5 54	0 23	22 4	0 43	21 56	0 24	20 6	1 45	23 13	0 18	8 4	0 30	17 41	2 40	20 49	20 46	24 53	10 44	0 53
W23	11 10	25 15	3 41	19 26	1 43	5 31	0 27	22 11	0 43	21 56	0 24	20 7	1 44	23 13	0 18	8 4	0 30	17 41	2 40	20 50	20 47	24 52	10 43	0 53
T 24	11 30	25 50	2 43	19 54	1 50	5 8	0 31	22 19	0 44	21 56	0 24	20 8	1 44	23 13	0 18	8 5	0 30	17 41	2 40	20 51	20 47	24 51	10 42	0 53
F 25	11 51	24 39	1 35	20 21	1 56	4 45	0 35	22 25	0 44	21 55	0 24	20 9	1 44	23 13	0 18	8 5	0 30	17 41	2 40	20 52	20 48	24 50	10 41	0 52
S 26	12 11	21 54	0 21	20 47	2 3	4 21	0 38	22 32	0 45	21 55	0 24	20 10	1 44	23 13	0 18	8 5	0 30	17 41	2 40	20 52	20 49	24 49	10 40	0 52
S 27	12 31	17 51	0n53	21 12	2 9	3 58	0 42	22 39	0 45	21 55	0 24	20 11	1 44	23 12	0 18	8 6	0 30	17 41	2 40	20 52	20 49	24 48	10 39	0 52
M28	12 51	12 54	2 3	21 36	2 15	3 34	0 46	22 45	0 46	21 55	0 24	20 12	1 44	23 12	0 18	8 6	0 30	17 41	2 40	20 52	20 50	24 46	10 38	0 52
T 29	13 11	7 21	3 5	21 59	2 21	3 10	0 49	22 51	0 46	21 55	0 23	20 13	1 43	23 12	0 18	8 6	0 30	17 41	2 40	20 52	20 50	24 45	10 37	0 52
W30	13 30	1 33	3 55	22 21	2 26	2 45	0 52	22 57	0 46	21 55	0 23	20 14	1 43	23 12	0 18	8 7	0 30	17 41	2 40	20 53	20 51	24 44	10 36	0 52
T 31	13s50	4n13	4n32	22s42	2s32	2n21	0n56	23s 3	0s47	21n55	0s23	20s15	1n43	23s12	0s18	8s 7	0s30	17n41	2s40	20s55	20s52	24n43	10n35	0n52

Julian Day Number = 2876594.5, Delta T = 01h14m03s
Ecliptic obliquity = 23°17'24, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°02'15, Lahiri = 40°09'15

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ASTRODIENST EPHEMERIS for the year 3163
geocentric

NOVEMBER 3163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 40 6	8♏10'59	13♈16	2♐10	27♍23	14♐ 8	16♋21	11♐10	10♑12	10°R19	28°R41	25°R19	25♑43	7♋29	25°R22	F 1
S 2	2 44 3	9°10'19	26°13	3°20	28°33	14°50	16°22	11°16	10°15	10♓19	28♋41	25♑ 6	25°40	7°35	25♈19	S 2
S 3	2 47 59	10° 9'41	8♉57	4°28	29°43	15°32	16°22	11°22	10°17	10°18	28°41	24°53	25°37	7°42	25°17	S 3
M 4	2 51 56	11° 9'05	21°27	5°34	0♎53	16°14	16°R22	11°29	10°19	10°17	28°41	24°41	25°33	7°49	25°14	M 4
T 5	2 55 52	12° 8'31	3♊45	6°38	2° 3	16°57	16°22	11°35	10°21	10°17	28°41	24°30	25°30	7°55	25°12	T 5
W 6	2 59 49	13° 7'59	15°51	7°39	3°14	17°39	16°22	11°42	10°24	10°16	28°40	24°21	25°27	8° 2	25° 9	W 6
T 7	3 3 46	14° 7'29	27°47	8°38	4°24	18°22	16°22	11°49	10°26	10°16	28°40	24°15	25°24	8° 9	25° 7	T 7
F 8	3 7 42	15° 7'01	9♋36	9°33	5°35	19° 4	16°21	11°55	10°28	10°15	28°40	24°12	25°21	8°15	25° 4	F 8
S 9	3 11 39	16° 6'35	21°23	10°26	6°46	19°47	16°20	12° 2	10°31	10°15	28°40	24°D11	25°18	8°22	25° 2	S 9
S 10	3 15 35	17° 6'12	3♌12	11°15	7°57	20°30	16°19	12° 9	10°33	10°14	28°40	24°11	25°14	8°29	24°59	S 10
M11	3 19 32	18° 5'50	15° 8	11°59	9° 8	21°13	16°18	12°15	10°36	10°14	28°39	24°R12	25°11	8°35	24°57	M11
T 12	3 23 28	19° 5'31	27°17	12°40	10°19	21°56	16°16	12°22	10°38	10°14	28°39	24°12	25° 8	8°42	24°54	T 12
W13	3 27 25	20° 5'14	9♍44	13°15	11°30	22°39	16°15	12°29	10°41	10°13	28°39	24°10	25° 5	8°49	24°52	W13
T 14	3 31 21	21° 5'00	22°33	13°45	12°42	23°22	16°13	12°36	10°44	10°13	28°38	24° 5	25° 2	8°55	24°50	T 14
F 15	3 35 18	22° 4'47	5♎49	14° 9	13°53	24° 5	16°11	12°43	10°46	10°13	28°38	23°59	24°58	9° 2	24°47	F 15
S 16	3 39 15	23° 4'36	19°33	14°27	15° 5	24°48	16° 9	12°50	10°49	10°13	28°38	23°50	24°55	9° 9	24°45	S 16
S 17	3 43 11	24° 4'28	3♏43	14°38	16°17	25°31	16° 6	12°56	10°52	10°12	28°37	23°41	24°52	9°15	24°43	S 17
M18	3 47 8	25° 4'22	18°16	14°R40	17°28	26°15	16° 4	13° 3	10°55	10°12	28°37	23°31	24°49	9°22	24°41	M18
T 19	3 51 4	26° 4'17	3♐ 3	14°35	18°40	26°58	16° 1	13°10	10°57	10°12	28°36	23°22	24°46	9°29	24°38	T 19
W20	3 55 1	27° 4'15	17°58	14°20	19°52	27°42	15°58	13°17	11° 0	10°12	28°36	23°16	24°43	9°35	24°36	W20
T 21	3 58 57	28° 4'14	2♑52	13°57	21° 4	28°25	15°54	13°24	11° 3	10°12	28°35	23°11	24°39	9°42	24°34	T 21
F 22	4 2 54	29° 4'15	17°36	13°23	22°17	29° 9	15°51	13°31	11° 6	10°D12	28°35	23°D10	24°36	9°48	24°32	F 22
S 23	4 6 51	0♐ 4'18	2♒ 6	12°40	23°29	29°53	15°47	13°38	11° 9	10°12	28°34	23°10	24°33	9°55	24°30	S 23
S 24	4 10 47	1° 4'21	16°18	11°48	24°41	0♑36	15°44	13°45	11°12	10°12	28°34	23°11	24°30	10° 2	24°28	S 24
M25	4 14 44	2° 4'27	0♓12	10°47	25°54	1°20	15°40	13°52	11°15	10°12	28°33	23°R12	24°27	10° 8	24°26	M25
T 26	4 18 40	3° 4'33	13°47	9°39	27° 6	2° 4	15°35	14° 0	11°18	10°12	28°33	23°11	24°24	10°15	24°24	T 26
W27	4 22 37	4° 4'42	27° 5	8°25	28°19	2°48	15°31	14° 7	11°21	10°12	28°32	23° 8	24°20	10°22	24°22	W27
T 28	4 26 33	5° 4'51	10♈ 8	7° 7	29°31	3°32	15°26	14°14	11°24	10°13	28°31	23° 4	24°17	10°28	24°20	T 28
F 29	4 30 30	6° 5'02	22°58	5°47	0♏44	4°16	15°22	14°21	11°27	10°13	28°31	22°57	24°14	10°35	24°18	F 29
S 30	4 34 26	7♐ 5'15	5♉34	4♐28	1♏57	5♑ 0	15♋17	14♐28	11♑31	10♓13	28♋30	22♑49	24♑11	10♋42	24♈16	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s 9	9n44	4n54	23s 1	2s37	1n56	0n59	23s 8	0s47	21n55	0s23	20s16	1n43	23s12	0s18	8s 7	0s30	17n41	2s40	20s57	20s52	24n42	10n34	0n52
S 2	14 28	14 44	5 1	23 20	2 41	1 32	1 2	23 14	0 48	21 55	0 23	20 17	1 43	23 11	0 18	8 7	0 30	17 41	2 40	20 59	20 53	24 40	10 32	0 52
S 3	14 46	19 0	4 52	23 37	2 46	1 7	1 5	23 19	0 48	21 55	0 23	20 18	1 43	23 11	0 18	8 8	0 30	17 41	2 40	21 1	20 53	24 39	10 31	0 52
M 4	15 5	22 21	4 29	23 53	2 50	0 42	1 8	23 24	0 49	21 55	0 23	20 19	1 43	23 11	0 18	8 8	0 30	17 41	2 40	21 3	20 54	24 38	10 30	0 52
T 5	15 23	24 36	3 54	24 7	2 53	0 16	1 11	23 28	0 49	21 55	0 23	20 20	1 43	23 11	0 18	8 8	0 30	17 41	2 40	21 5	20 54	24 37	10 29	0 52
W 6	15 41	25 40	3 9	24 21	2 56	0s 9	1 14	23 33	0 50	21 55	0 23	20 21	1 42	23 11	0 18	8 8	0 30	17 41	2 40	21 7	20 55	24 35	10 28	0 51
T 7	15 59	25 32	2 16	24 33	2 59	0 34	1 16	23 37	0 50	21 55	0 23	20 22	1 42	23 11	0 18	8 8	0 30	17 41	2 40	21 8	20 56	24 34	10 27	0 51
F 8	16 16	24 13	1 17	24 44	3 1	1 0	1 19	23 41	0 50	21 55	0 23	20 23	1 42	23 10	0 18	8 8	0 30	17 41	2 40	21 8	20 56	24 33	10 26	0 51
S 9	16 33	21 51	0 15	24 53	3 2	1 25	1 21	23 45	0 51	21 55	0 23	20 24	1 42	23 10	0 18	8 9	0 30	17 41	2 40	21 9	20 57	24 32	10 25	0 51
S 10	16 50	18 33	0s48	25 1	3 3	1 51	1 24	23 48	0 51	21 55	0 23	20 25	1 42	23 10	0 18	8 9	0 30	17 41	2 40	21 8	20 57	24 30	10 24	0 51
M11	17 7	14 27	1 49	25 7	3 3	2 17	1 26	23 52	0 52	21 55	0 23	20 26	1 42	23 10	0 18	8 9	0 30	17 41	2 40	21 8	20 58	24 29	10 24	0 51
T 12	17 23	9 43	2 47	25 12	3 3	2 42	1 28	23 55	0 52	21 56	0 23	20 27	1 42	23 10	0 18	8 9	0 30	17 41	2 40	21 8	20 58	24 28	10 23	0 51
W13	17 39	4 30	3 38	25 15	3 1	3 8	1 30	23 58	0 53	21 56	0 23	20 28	1 42	23 9	0 18	8 9	0 30	17 41	2 40	21 9	20 59	24 26	10 22	0 51
T 14	17 55	1s 3	4 20	25 16	2 59	3 34	1 32	24 0	0 53	21 56	0 23	20 29	1 42	23 9	0 18	8 9	0 30	17 41	2 40	21 10	21 0	24 25	10 21	0 51
F 15	18 10	6 44	4 50	25 15	2 55	4 0	1 34	24 3	0 53	21 57	0 23	20 30	1 41	23 9	0 18	8 9	0 30	17 41	2 40	21 11	21 0	24 24	10 20	0 51
S 16	18 26	12 17	5 4	25 13	2 51	4 25	1 36	24 5	0 54	21 57	0 23	20 31	1 41	23 9	0 18	8 9	0 30	17 41	2 40	21 12	21 1	24 23	10 19	0 51
S 17	18 40	17 23	5 0	25 8	2 45	4 51	1 38	24 7	0 54	21 57	0 22	20 32	1 41	23 8	0 18	8 10	0 30	17 41	2 40	21 14	21 1	24 21	10 18	0 50
M18	18 55	21 36	4 37	25 2	2 38	5 17	1 40	24 9	0 54	21 58	0 22	20 33	1 41	23 8	0 18	8 10	0 30	17 42	2 40	21 15	21 2	24 20	10 17	0 50
T 19	19 9	24 29	3 55	24 52	2 29	5 43	1 41	24 10	0 55	21 58	0 22	20 34	1 41	23 8	0 18	8 10	0 30	17 42	2 40	21 17	21 2	24 19	10 16	0 50
W20	19 23	25 41	2 57	24 41	2 19	6 8	1 43	24 11	0 55	21 58	0 22	20 35	1 41	23 8	0 18	8 10	0 30	17 42	2 40	21 18	21 3	24 17	10 15	0 50
T 21	19 36	25 2	1 47	24 26	2 7	6 34	1 44	24 12	0 56	21 59	0 22	20 36	1 41	23 8	0 18	8 10	0 30	17 42	2 40	21 19	21 4	24 16	10 14	0 50
F 22	19 50	22 38	0 30	24 9	1 54	6 59	1 45	24 13	0 56	21 59	0 22	20 37	1 41	23 7	0 18	8 10	0 30	17 42	2 40	21 19	21 4	24 15	10 13	0 50
S 23	20 2	18 47	0n48	23 49	1 39	7 25	1 46	24 14	0 56	22 0	0 22	20 38	1 41	23 7	0 18	8 10	0 30	17 42	2 40	21 19	21 5	24 13	10 13	0 50
S 24	20 15	13 55	2 1	23 25	1 22	7 50	1 48	24 14	0 57	22 0	0 22	20 39	1 41	23 7	0 18	8 10	0 30	17 42	2 40	21 19	21 5	24 12	10 12	0 50
M25	20 27	8 26	3 6	22 59	1 4	8 15	1 49	24 14	0 57	22 1	0 22	20 40	1 41	23 7	0 18	8 10	0 30	17 42	2 40	21 19	21 6	24 11	10 11	0 50
T 26	20 39	2 40	3 58	22 30	0 45	8 40	1 49	24 14	0 57	22 1	0 22	20 40	1 40	23 6	0 18	8 10	0 30	17 42	2 40	21 19	21 6	24 9	10 10	0 50
W27	20 50	3n 5	4 37	21 59	0 25	9 5	1 50	24 13	0 58	22 2	0 22	20 41	1 40	23 6	0 18	8 9	0 30	17 43	2 40	21 19	21 7	24 8	10 9	0 49
T 28	21 1	8 36	5 0	21 26	0 5	9 30	1 51	24 12	0 58	22 3	0 22	20 42	1 40	23 6	0 18	8 9	0 30	17 43	2 40	21 20	21 7	24 6	10 8	0 49
F 29	21 11	13 38	5 8	20 53	0n16	9 55	1 52	24 11	0 58	22 3	0 22	20 43	1 40	23 6	0 18	8 9	0 30	17 43	2 40	21 21	21 8	24 5	10 8	0 49
S 30	21s21	18n 1	5n 0	20s19	0n36	10s19	1n52	24s10	0s59	22n 4	0s22	20s44	1n40	23s 5	0s18	8s 9	0s30	17n43	2s40	21s22	21s 9	24n 4	10n 7	0n49

Julian Day Number = 2876625.5, Delta T = 01h14m04s
Ecliptic obliquity = 23°17'24, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°02'19, Lahiri = 40°09'19

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ASTRODIENST EPHEMERIS for the year 3163
geocentric

DECEMBER 3163 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 38 23	8♐ 5'29	18♉ 0	3°R13	3♏10	5♑44	15°R12	14♐35	11♑34	10♓13	28°R29	22°R40	24♑ 8	10♋48	24°R15	S 1
M 2	4 42 19	9° 5'45	0♊15	2♐ 3	4°23	6°29	15♋ 7	14°42	11°37	10°14	28♋28	22♑32	24° 4	10°55	24♈13	M 2
T 3	4 46 16	10° 6'03	12°21	1° 2	5°36	7°13	15° 1	14°49	11°40	10°14	28°28	22°25	24° 1	11° 2	24°11	T 3
W 4	4 50 13	11° 6'22	24°19	0°11	6°49	7°57	14°56	14°57	11°43	10°14	28°27	22°19	23°58	11° 8	24° 9	W 4
T 5	4 54 9	12° 6'43	6♋11	29♏30	8° 2	8°42	14°50	15° 4	11°47	10°15	28°26	22°16	23°55	11°15	24° 8	T 5
F 6	4 58 6	13° 7'05	17°58	29° 1	9°16	9°26	14°44	15°11	11°50	10°15	28°25	22°D14	23°52	11°22	24° 6	F 6
S 7	5 2 2	14° 7'29	29°44	28°44	10°29	10°11	14°38	15°18	11°53	10°16	28°25	22°14	23°49	11°28	24° 5	S 7
S 8	5 5 59	15° 7'55	11♌33	28°D38	11°42	10°55	14°32	15°25	11°57	10°16	28°24	22°16	23°45	11°35	24° 3	S 8
M 9	5 9 55	16° 8'23	23°29	28°43	12°56	11°40	14°26	15°32	12° 0	10°17	28°23	22°18	23°42	11°42	24° 2	M 9
T 10	5 13 52	17° 8'52	5♍36	28°59	14° 9	12°25	14°19	15°40	12° 3	10°17	28°22	22°19	23°39	11°48	24° 1	T 10
W11	5 17 49	18° 9'23	18° 0	29°24	15°23	13°10	14°13	15°47	12° 7	10°18	28°21	22°R20	23°36	11°55	23°59	W11
T 12	5 21 45	19° 9'56	0♎45	29°57	16°36	13°54	14° 6	15°54	12°10	10°19	28°20	22°19	23°33	12° 1	23°58	T 12
F 13	5 25 42	20°10'30	13°55	0♐39	17°50	14°39	13°59	16° 1	12°14	10°19	28°19	22°17	23°30	12° 8	23°57	F 13
S 14	5 29 38	21°11'07	27°33	1°27	19° 4	15°24	13°52	16° 8	12°17	10°20	28°18	22°13	23°26	12°15	23°56	S 14
S 15	5 33 35	22°11'44	11♏40	2°22	20°18	16° 9	13°45	16°15	12°21	10°21	28°17	22° 9	23°23	12°21	23°54	S 15
M16	5 37 31	23°12'24	26°14	3°21	21°32	16°54	13°38	16°23	12°24	10°22	28°16	22° 5	23°20	12°28	23°53	M16
T 17	5 41 28	24°13'05	11♐ 8	4°26	22°45	17°40	13°31	16°30	12°28	10°23	28°15	22° 1	23°17	12°35	23°52	T 17
W18	5 45 24	25°13'47	26°16	5°34	23°59	18°25	13°23	16°37	12°31	10°23	28°14	21°58	23°14	12°41	23°51	W18
T 19	5 49 21	26°14'31	11♑28	6°46	25°13	19°10	13°16	16°44	12°35	10°24	28°13	21°56	23°11	12°48	23°50	T 19
F 20	5 53 18	27°15'16	26°33	8° 1	26°27	19°55	13° 8	16°51	12°38	10°25	28°12	21°D56	23° 7	12°55	23°49	F 20
S 21	5 57 14	28°16'01	11♒24	9°18	27°41	20°41	13° 1	16°58	12°42	10°26	28°11	21°57	23° 4	13° 1	23°49	S 21
S 22	6 1 11	29°16'48	25°54	10°37	28°56	21°26	12°53	17° 5	12°45	10°27	28°10	21°58	23° 1	13° 8	23°48	S 22
M23	6 5 7	0♑17'35	10♓ 1	11°59	0♐10	22°12	12°45	17°12	12°49	10°28	28° 9	21°59	22°58	13°15	23°47	M23
T 24	6 9 4	1°18'24	23°43	13°22	1°24	22°57	12°37	17°19	12°52	10°29	28° 8	22° 0	22°55	13°21	23°47	T 24
W25	6 13 0	2°19'13	7♈ 1	14°46	2°38	23°43	12°29	17°26	12°56	10°30	28° 7	22°R 0	22°51	13°28	23°46	W25
T 26	6 16 57	3°20'02	19°59	16°11	3°52	24°28	12°21	17°33	13° 0	10°32	28° 6	22° 0	22°48	13°35	23°45	T 26
F 27	6 20 53	4°20'53	2♉38	17°38	5° 7	25°14	12°13	17°40	13° 3	10°33	28° 5	21°58	22°45	13°41	23°45	F 27
S 28	6 24 50	5°21'44	15° 2	19° 5	6°21	26° 0	12° 5	17°47	13° 7	10°34	28° 4	21°56	22°42	13°48	23°44	S 28
S 29	6 28 47	6°22'36	27°14	20°33	7°35	26°46	11°57	17°54	13°11	10°35	28° 3	21°53	22°39	13°54	23°44	S 29
M30	6 32 43	7°23'29	9♊17	22° 2	8°50	27°31	11°49	18° 1	13°14	10°36	28° 1	21°51	22°36	14° 1	23°44	M30
T 31	6 36 40	8♑24'23	21♊12	23♐31	10♐ 4	28♑17	11♋41	18♐ 8	13♑18	10♓38	28♋ 0	21♑49	22♑32	14♋ 8	23♈43	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s31	21n33	4n39	19s46	0n55	10s44	1n53	24s 9	0s59	22n 4	0s21	20s45	1n40	23s 5	0s18	8s 9	0s30	17n43	2s40	21s24	21s 9	24n 2	10n 6	0n49
M 2	21 41	24 4	4 4	19 15	1 13	11 8	1 53	24 7	0 59	22 5	0 21	20 46	1 40	23 5	0 18	8 9	0 30	17 43	2 40	21 25	21 10	24 1	10 5	0 49
T 3	21 49	25 26	3 19	18 47	1 30	11 32	1 53	24 5	0 59	22 6	0 21	20 47	1 40	23 4	0 18	8 9	0 30	17 43	2 40	21 26	21 10	23 59	10 5	0 49
W 4	21 58	25 36	2 26	18 22	1 44	11 55	1 53	24 3	1 0	22 7	0 21	20 47	1 40	23 4	0 18	8 9	0 30	17 44	2 40	21 27	21 11	23 58	10 4	0 49
T 5	22 6	24 35	1 26	18 1	1 56	12 19	1 53	24 0	1 0	22 7	0 21	20 48	1 40	23 4	0 18	8 8	0 30	17 44	2 40	21 28	21 11	23 57	10 3	0 49
F 6	22 14	22 29	0 23	17 45	2 7	12 42	1 53	23 57	1 0	22 8	0 21	20 49	1 40	23 4	0 18	8 8	0 30	17 44	2 40	21 28	21 12	23 55	10 3	0 48
S 7	22 21	19 25	0s41	17 33	2 15	13 5	1 53	23 54	1 1	22 9	0 21	20 50	1 40	23 3	0 18	8 8	0 30	17 44	2 40	21 28	21 12	23 54	10 2	0 48
S 8	22 28	15 33	1 44	17 26	2 22	13 27	1 53	23 51	1 1	22 9	0 21	20 51	1 40	23 3	0 18	8 8	0 30	17 44	2 40	21 28	21 13	23 52	10 1	0 48
M 9	22 34	11 3	2 42	17 22	2 26	13 50	1 53	23 48	1 1	22 10	0 21	20 51	1 40	23 3	0 18	8 8	0 30	17 44	2 40	21 28	21 13	23 51	10 1	0 48
T 10	22 40	6 4	3 35	17 23	2 29	14 12	1 53	23 44	1 1	22 11	0 21	20 52	1 40	23 2	0 18	8 7	0 30	17 45	2 40	21 27	21 14	23 49	10 0	0 48
W11	22 46	0 44	4 19	17 27	2 30	14 33	1 52	23 40	1 2	22 12	0 21	20 53	1 40	23 2	0 18	8 7	0 30	17 45	2 40	21 27	21 15	23 48	10 0	0 48
T 12	22 51	4s45	4 51	17 34	2 30	14 55	1 52	23 36	1 2	22 13	0 20	20 54	1 40	23 2	0 18	8 7	0 30	17 45	2 40	21 27	21 15	23 47	9 59	0 48
F 13	22 56	10 13	5 10	17 44	2 29	15 16	1 51	23 31	1 2	22 13	0 20	20 55	1 40	23 1	0 18	8 7	0 30	17 45	2 40	21 28	21 16	23 45	9 58	0 48
S 14	23 0	15 23	5 12	17 56	2 26	15 36	1 50	23 26	1 2	22 14	0 20	20 55	1 40	23 1	0 18	8 6	0 30	17 45	2 40	21 28	21 16	23 44	9 58	0 48
S 15	23 4	19 55	4 55	18 10	2 23	15 57	1 50	23 21	1 2	22 15	0 20	20 56	1 39	23 1	0 18	8 6	0 30	17 46	2 40	21 29	21 17	23 42	9 57	0 47
M16	23 7	23 24	4 20	18 25	2 19	16 17	1 49	23 16	1 3	22 16	0 20	20 57	1 39	23 1	0 18	8 6	0 30	17 46	2 40	21 30	21 17	23 41	9 57	0 47
T 17	23 10	25 22	3 26	18 42	2 14	16 36	1 48	23 10	1 3	22 17	0 20	20 58	1 39	23 0	0 18	8 5	0 30	17 46	2 40	21 30	21 18	23 39	9 56	0 47
W18	23 12	25 31	2 17	18 59	2 9	16 55	1 47	23 5	1 3	22 18	0 20	20 58	1 39	23 0	0 18	8 5	0 30	17 46	2 40	21 31	21 18	23 38	9 56	0 47
T 19	23 14	23 45	0 57	19 17	2 3	17 14	1 46	22 58	1 3	22 18	0 20	20 59	1 39	23 0	0 18	8 5	0 30	17 46	2 40	21 31	21 19	23 36	9 55	0 47
F 20	23 16	20 18	0n25	19 35	1 57	17 33	1 45	22 52	1 4	22 19	0 20	21 0	1 39	22 59	0 18	8 4	0 30	17 47	2 40	21 31	21 19	23 35	9 55	0 47
S 21	23 17	15 34	1 45	19 53	1 50	17 50	1 44	22 46	1 4	22 20	0 19	21 0	1 39	22 59	0 18	8 4	0 30	17 47	2 40	21 31	21 20	23 33	9 55	0 47
S 22	23 17	10 2	2 57	20 12	1 43	18 8	1 42	22 39	1 4	22 21	0 19	21 1	1 39	22 59	0 18	8 4	0 30	17 47	2 40	21 31	21 20	23 32	9 54	0 47
M23	23 17	4 8	3 55	20 30	1 36	18 25	1 41	22 32	1 4	22 22	0 19	21 2	1 39	22 58	0 18	8 3	0 30	17 47	2 40	21 30	21 21	23 30	9 54	0 47
T 24	23 17	1n47	4 38	20 47	1 29	18 41	1 40	22 24	1 4	22 23	0 19	21 3	1 39	22 58	0 18	8 3	0 30	17 48	2 40	21 30	21 21	23 29	9 54	0 46
W25	23 16	7 27	5 5	21 4	1 22	18 57	1 38	22 17	1 4	22 24	0 19	21 3	1 39	22 58	0 18	8 2	0 30	17 48	2 40	21 30	21 22	23 27	9 53	0 46
T 26	23 15	12 38	5 16	21 21	1 14	19 13	1 37	22 9	1 5	22 24	0 19	21 4	1 39	22 57	0 18	8 2	0 30	17 48	2 40	21 30	21 23	23 26	9 53	0 46
F 27	23 13	17 10	5 11	21 37	1 6	19 28	1 35	22 1	1 5	22 25	0 19	21 4	1 39	22 57	0 18	8 2	0 30	17 48	2 40	21 31	21 23	23 24	9 53	0 46
S 28	23 11	20 53	4 51	21 52	0 59	19 42	1 33	21 53	1 5	22 26	0 19	21 5	1 39	22 56	0 18	8 1	0 30	17 49	2 40	21 31	21 24	23 22	9 52	0 46
S 29	23 8	23 36	4 18	22 6	0 51	19 56	1 32	21 44	1 5	22 27	0 18	21 6	1 39	22 56	0 18	8 1	0 30	17 49	2 40	21 31	21 24	23 21	9 52	0 46
M30	23 5	25 14	3 34	22 20	0 43	20 9	1 30	21 35	1 5	22 28	0 18	21 6	1 39	22 56	0 18	8 0	0 30	17 49	2 40	21 32	21 25	23 19	9 52	0 46
T 31	23s 1	25n41	2n42	22s32	0n36	20s22	1n28	21s26	1s 5	22n29	0s18	21s 7	1n39	22s55	0s18	8s 0	0s30	17n49	2s40	21s32	21s25	23n18	9n52	0n46

Julian Day Number = 2876655.5, Delta T = 01h14m05s
Ecliptic obliquity = 23°17'23, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°02'23, Lahiri = 40°09'24

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ASTRODIENST EPHEMERIS for the year 3164
geocentric

JANUARY 3164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 40 36	9♑25'17	3♋ 3	25♐ 0	11♐19	29♑ 3	11°R33	18♐15	13♑21	10♓39	27°R59	21°R47	22♑29	14♋14	23°R43	W 1
T 2	6 44 33	10°26'12	14°52	26°30	12°33	29°49	11♋25	18°22	13°25	10°40	27♋58	21♑46	22°26	14°21	23♈43	T 2
F 3	6 48 29	11°27'08	26°39	28° 1	13°48	0♒35	11°17	18°29	13°29	10°42	27°57	21°D46	22°23	14°28	23°43	F 3
S 4	6 52 26	12°28'05	8♌29	29°31	15° 2	1°21	11° 8	18°35	13°32	10°43	27°56	21°47	22°20	14°34	23°43	S 4
S 5	6 56 23	13°29'03	20°22	1♑ 2	16°17	2° 7	11° 0	18°42	13°36	10°44	27°54	21°48	22°17	14°41	23°D43	S 5
M 6	7 0 19	14°30'01	2♍22	2°34	17°31	2°54	10°52	18°49	13°40	10°46	27°53	21°49	22°13	14°48	23°43	M 6
T 7	7 4 16	15°31'01	14°33	4° 5	18°46	3°40	10°44	18°55	13°43	10°47	27°52	21°49	22°10	14°54	23°43	T 7
W 8	7 8 12	16°32'01	26°58	5°37	20° 0	4°26	10°36	19° 2	13°47	10°49	27°51	21°50	22° 7	15° 1	23°43	W 8
T 9	7 12 9	17°33'02	9♎40	7° 9	21°15	5°12	10°28	19° 9	13°51	10°50	27°50	21°50	22° 4	15° 8	23°43	T 9
F 10	7 16 5	18°34'03	22°43	8°41	22°30	5°59	10°20	19°15	13°54	10°52	27°48	21°R50	22° 1	15°14	23°43	F 10
S 11	7 20 2	19°35'06	6♏11	10°14	23°45	6°45	10°12	19°22	13°58	10°53	27°47	21°50	21°57	15°21	23°44	S 11
S 12	7 23 58	20°36'09	20° 5	11°47	24°59	7°31	10° 4	19°28	14° 2	10°55	27°46	21°50	21°54	15°28	23°44	S 12
M13	7 27 55	21°37'14	4♐25	13°20	26°14	8°18	9°56	19°35	14° 5	10°57	27°45	21°D50	21°51	15°34	23°45	M13
T 14	7 31 52	22°38'19	19° 9	14°53	27°29	9° 4	9°48	19°41	14° 9	10°58	27°44	21°50	21°48	15°41	23°45	T 14
W15	7 35 48	23°39'24	4♑10	16°26	28°44	9°51	9°41	19°48	14°12	11° 0	27°42	21°50	21°45	15°47	23°46	W15
T 16	7 39 45	24°40'30	19°22	18° 0	29°59	10°37	9°33	19°54	14°16	11° 2	27°41	21°R50	21°42	15°54	23°46	T 16
F 17	7 43 41	25°41'36	4♒34	19°34	1♑13	11°24	9°25	20° 0	14°20	11° 3	27°40	21°50	21°38	16° 1	23°47	F 17
S 18	7 47 38	26°42'43	19°38	21° 8	2°28	12°11	9°18	20° 7	14°23	11° 5	27°39	21°50	21°35	16° 7	23°48	S 18
S 19	7 51 34	27°43'49	4♓23	22°43	3°43	12°57	9°10	20°13	14°27	11° 7	27°37	21°49	21°32	16°14	23°48	S 19
M20	7 55 31	28°44'56	18°46	24°17	4°58	13°44	9° 3	20°19	14°30	11° 9	27°36	21°48	21°29	16°21	23°49	M20
T 21	7 59 27	29°46'02	2♈41	25°53	6°13	14°31	8°56	20°25	14°34	11°10	27°35	21°47	21°26	16°27	23°50	T 21
W22	8 3 24	0♒47'08	16° 9	27°28	7°28	15°18	8°49	20°31	14°38	11°12	27°34	21°47	21°23	16°34	23°51	W22
T 23	8 7 21	1°48'14	29°10	29° 4	8°43	16° 4	8°42	20°37	14°41	11°14	27°32	21°D46	21°19	16°41	23°52	T 23
F 24	8 11 17	2°49'19	11♉49	0♒40	9°58	16°51	8°35	20°43	14°45	11°16	27°31	21°47	21°16	16°47	23°53	F 24
S 25	8 15 14	3°50'25	24° 9	2°17	11°13	17°38	8°28	20°49	14°48	11°18	27°30	21°47	21°13	16°54	23°54	S 25
S 26	8 19 10	4°51'30	6♊15	3°54	12°28	18°25	8°22	20°55	14°52	11°20	27°29	21°48	21°10	17° 1	23°55	S 26
M27	8 23 7	5°52'35	18°10	5°31	13°42	19°12	8°15	21° 1	14°55	11°22	27°27	21°50	21° 7	17° 7	23°56	M27
T 28	8 27 3	6°53'40	29°59	7° 9	14°57	19°59	8° 9	21° 6	14°59	11°24	27°26	21°51	21° 3	17°14	23°57	T 28
W29	8 31 0	7°54'44	11♋47	8°47	16°12	20°46	8° 3	21°12	15° 2	11°26	27°25	21°52	21° 0	17°20	23°59	W29
T 30	8 34 56	8°55'48	23°35	10°25	17°27	21°33	7°57	21°18	15° 5	11°28	27°24	21°R52	20°57	17°27	24° 0	T 30
F 31	8 38 53	9♒56'52	5♌25	12♒ 5	18♑42	22♒20	7♋51	21♐23	15♑ 9	11♓30	27♋23	21♑52	20♑54	17♋34	24♈ 1	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s57	24n57	1n42	22s44	0n28	20s34	1n26	21s17	1s 5	22n29	0s18	21s 7	1n39	22s55	0s18	7s59	0s30	17n50	2s40	21s32	21s26	23n16	9n51	0n46
T 2	22 53	23 6	0 38	22 54	0 21	20 46	1 24	21 8	1 5	22 30	0 18	21 8	1 39	22 55	0 18	7 59	0 30	17 50	2 40	21 32	21 26	23 15	9 51	0 45
F 3	22 48	20 15	0s27	23 3	0 13	20 57	1 22	20 58	1 6	22 31	0 18	21 9	1 39	22 54	0 18	7 58	0 30	17 50	2 39	21 32	21 27	23 13	9 51	0 45
S 4	22 43	16 33	1 32	23 12	0 6	21 8	1 20	20 48	1 6	22 32	0 18	21 9	1 39	22 54	0 18	7 58	0 30	17 50	2 39	21 32	21 27	23 11	9 51	0 45
S 5	22 37	12 12	2 32	23 19	0s 2	21 18	1 18	20 38	1 6	22 33	0 18	21 10	1 39	22 54	0 18	7 57	0 30	17 51	2 39	21 32	21 28	23 10	9 51	0 45
M 6	22 30	7 20	3 27	23 25	0 9	21 27	1 16	20 28	1 6	22 34	0 17	21 10	1 39	22 53	0 18	7 57	0 30	17 51	2 39	21 32	21 28	23 8	9 51	0 45
T 7	22 24	2 9	4 13	23 29	0 16	21 36	1 14	20 17	1 6	22 34	0 17	21 11	1 39	22 53	0 18	7 56	0 30	17 51	2 39	21 32	21 29	23 7	9 51	0 45
W 8	22 16	3s13	4 49	23 33	0 23	21 44	1 12	20 6	1 6	22 35	0 17	21 11	1 39	22 53	0 18	7 56	0 30	17 52	2 39	21 32	21 29	23 5	9 51	0 45
T 9	22 9	8 34	5 11	23 35	0 30	21 51	1 9	19 55	1 6	22 36	0 17	21 12	1 39	22 52	0 18	7 55	0 30	17 52	2 39	21 32	21 30	23 3	9 51	0 45
F 10	22 1	13 42	5 18	23 36	0 36	21 58	1 7	19 44	1 6	22 37	0 17	21 12	1 39	22 52	0 18	7 54	0 30	17 52	2 39	21 32	21 30	23 2	9 51	0 45
S 11	21 52	18 21	5 8	23 36	0 43	22 4	1 5	19 32	1 6	22 37	0 17	21 13	1 39	22 51	0 18	7 54	0 30	17 52	2 39	21 32	21 31	23 0	9 51	0 44
S 12	21 43	22 9	4 40	23 35	0 49	22 9	1 2	19 21	1 6	22 38	0 16	21 13	1 40	22 51	0 18	7 53	0 30	17 53	2 39	21 32	21 31	22 59	9 51	0 44
M13	21 34	24 44	3 55	23 32	0 55	22 14	1 0	19 9	1 6	22 39	0 16	21 14	1 40	22 51	0 18	7 53	0 30	17 53	2 39	21 32	21 32	22 57	9 51	0 44
T 14	21 24	25 43	2 52	23 29	1 1	22 18	0 57	18 57	1 6	22 40	0 16	21 14	1 40	22 50	0 18	7 52	0 30	17 53	2 39	21 32	21 32	22 55	9 51	0 44
W15	21 14	24 50	1 37	23 23	1 7	22 22	0 55	18 44	1 6	22 40	0 16	21 15	1 40	22 50	0 18	7 51	0 30	17 54	2 39	21 32	21 33	22 54	9 51	0 44
T 16	21 3	22 8	0 14	23 17	1 12	22 25	0 53	18 32	1 6	22 41	0 16	21 15	1 40	22 50	0 18	7 51	0 30	17 54	2 39	21 32	21 33	22 52	9 51	0 44
F 17	20 52	17 52	1n10	23 9	1 18	22 27	0 50	18 19	1 6	22 42	0 16	21 16	1 40	22 49	0 18	7 50	0 30	17 54	2 39	21 32	21 34	22 50	9 51	0 44
S 18	20 41	12 29	2 29	23 0	1 23	22 29	0 47	18 6	1 6	22 42	0 16	21 16	1 40	22 49	0 18	7 49	0 30	17 54	2 39	21 32	21 34	22 49	9 51	0 44
S 19	20 29	6 29	3 35	22 50	1 28	22 29	0 45	17 53	1 6	22 43	0 15	21 16	1 40	22 49	0 18	7 49	0 30	17 55	2 39	21 32	21 35	22 47	9 51	0 44
M20	20 17	0 19	4 27	22 38	1 32	22 29	0 42	17 40	1 6	22 44	0 15	21 17	1 40	22 48	0 18	7 48	0 30	17 55	2 39	21 32	21 35	22 45	9 52	0 43
T 21	20 4	5n39	5 0	22 26	1 37	22 29	0 40	17 26	1 6	22 44	0 15	21 17	1 40	22 48	0 18	7 47	0 30	17 55	2 39	21 32	21 36	22 44	9 52	0 43
W22	19 51	11 11	5 16	22 11	1 41	22 28	0 37	17 12	1 6	22 45	0 15	21 17	1 40	22 47	0 18	7 47	0 30	17 56	2 39	21 32	21 36	22 42	9 52	0 43
T 23	19 38	16 1	5 15	21 56	1 45	22 26	0 35	16 59	1 6	22 46	0 15	21 18	1 40	22 47	0 18	7 46	0 30	17 56	2 38	21 32	21 37	22 40	9 52	0 43
F 24	19 24	20 1	4 59	21 39	1 49	22 23	0 32	16 44	1 6	22 46	0 15	21 18	1 40	22 47	0 18	7 45	0 30	17 56	2 38	21 32	21 37	22 39	9 53	0 43
S 25	19 10	23 2	4 29	21 21	1 52	22 20	0 29	16 30	1 6	22 47	0 14	21 19	1 40	22 46	0 18	7 44	0 30	17 56	2 38	21 32	21 38	22 37	9 53	0 43
S 26	18 56	24 57	3 47	21 1	1 55	22 16	0 27	16 16	1 6	22 47	0 14	21 19	1 40	22 46	0 18	7 44	0 30	17 57	2 38	21 32	21 38	22 35	9 53	0 43
M27	18 41	25 42	2 56	20 41	1 58	22 12	0 24	16 1	1 6	22 48	0 14	21 19	1 40	22 46	0 18	7 43	0 30	17 57	2 38	21 32	21 39	22 33	9 54	0 43
T 28	18 26	25 16	1 58	20 19	2 0	22 6	0 21	15 46	1 6	22 48	0 14	21 20	1 40	22 45	0 18	7 42	0 30	17 57	2 38	21 32	21 39	22 32	9 54	0 43
W29	18 11	23 42	0 56	19 55	2 2	22 0	0 19	15 32	1 6	22 49	0 14	21 20	1 40	22 45	0 18	7 42	0 30	17 58	2 38	21 32	21 40	22 30	9 54	0 42
T 30	17 55	21 5	0s 9	19 30	2 4	21 54	0 16	15 16	1 6	22 50	0 14	21 20	1 40	22 44	0 18	7 41	0 30	17 58	2 38	21 32	21 40	22 28	9 55	0 42
F 31	17s39	17n36	1s14	19s 4	2s 5	21s46	0n13	15s 1	1s 6	22n50	0s14	21s20	1n40	22s44	0s18	7s40	0s30	17n58	2s38	21s32	21s41	22n27	9n55	0n42

Julian Day Number = 2876686.5, Delta T = 01h14m05s
Ecliptic obliquity = 23°17'22, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°02'27, Lahiri = 40°09'28

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ASTRODIENST EPHEMERIS for the year 3164
geocentric

FEBRUARY 3164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 42 50	10♒57'55	17♌21	13♒44	19♑57	23♒ 7	7°R45	21♐29	15♑12	11♓32	27°R21	21°R50	20♑51	17♋40	24♈ 3	S 1
S 2	8 46 46	11°58'58	29°25	15°24	21°12	23°54	7♋40	21°34	15°16	11°34	27♋20	21♑48	20°48	17°47	24° 4	S 2
M 3	8 50 43	13° 0'01	11♍37	17° 4	22°27	24°41	7°34	21°39	15°19	11°36	27°19	21°44	20°44	17°54	24° 6	M 3
T 4	8 54 39	14° 1'03	23°59	18°45	23°43	25°28	7°29	21°45	15°22	11°38	27°18	21°40	20°41	18° 0	24° 7	T 4
W 5	8 58 36	15° 2'05	6♎33	20°27	24°58	26°15	7°24	21°50	15°26	11°40	27°17	21°37	20°38	18° 7	24° 9	W 5
T 6	9 2 32	16° 3'08	19°22	22° 8	26°13	27° 3	7°19	21°55	15°29	11°42	27°15	21°34	20°35	18°14	24°11	T 6
F 7	9 6 29	17° 4'09	2♏26	23°50	27°28	27°50	7°14	22° 0	15°32	11°44	27°14	21°32	20°32	18°20	24°12	F 7
S 8	9 10 25	18° 5'11	15°49	25°33	28°43	28°37	7°10	22° 5	15°35	11°46	27°13	21°D31	20°28	18°27	24°14	S 8
S 9	9 14 22	19° 6'13	29°31	27°15	29°58	29°24	7° 6	22°10	15°39	11°48	27°12	21°31	20°25	18°34	24°16	S 9
M10	9 18 19	20° 7'14	13♐34	28°58	1♒13	0♓12	7° 1	22°15	15°42	11°50	27°11	21°32	20°22	18°40	24°18	M10
T 11	9 22 15	21° 8'15	27°57	0♓41	2°28	0°59	6°57	22°20	15°45	11°53	27°10	21°34	20°19	18°47	24°20	T 11
W12	9 26 12	22° 9'16	12♑37	2°24	3°43	1°46	6°54	22°25	15°48	11°55	27° 9	21°35	20°16	18°54	24°22	W12
T 13	9 30 8	23°10'16	27°31	4° 7	4°58	2°34	6°50	22°29	15°51	11°57	27° 8	21°R35	20°13	19° 0	24°24	T 13
F 14	9 34 5	24°11'15	12♒31	5°50	6°13	3°21	6°47	22°34	15°54	11°59	27° 6	21°34	20° 9	19° 7	24°26	F 14
S 15	9 38 1	25°12'14	27°29	7°33	7°28	4° 8	6°43	22°38	15°57	12° 1	27° 5	21°31	20° 6	19°13	24°28	S 15
S 16	9 41 58	26°13'12	12♓16	9°15	8°44	4°56	6°40	22°43	16° 0	12° 3	27° 4	21°26	20° 3	19°20	24°30	S 16
M17	9 45 54	27°14'09	26°44	10°56	9°59	5°43	6°37	22°47	16° 3	12° 6	27° 3	21°20	20° 0	19°27	24°32	M17
T 18	9 49 51	28°15'05	10♈48	12°35	11°14	6°30	6°35	22°51	16° 6	12° 8	27° 2	21°14	19°57	19°33	24°34	T 18
W19	9 53 48	29°16'00	24°24	14°14	12°29	7°18	6°32	22°56	16° 9	12°10	27° 1	21° 9	19°54	19°40	24°37	W19
T 20	9 57 44	0♓16'53	7♉33	15°50	13°44	8° 5	6°30	23° 0	16°12	12°12	27° 0	21° 5	19°50	19°47	24°39	T 20
F 21	10 1 41	1°17'46	20°17	17°25	14°59	8°53	6°28	23° 4	16°15	12°15	26°59	21° 2	19°47	19°53	24°41	F 21
S 22	10 5 37	2°18'37	2♊39	18°56	16°14	9°40	6°26	23° 8	16°18	12°17	26°58	21°D 2	19°44	20° 0	24°44	S 22
S 23	10 9 34	3°19'27	14°45	20°25	17°29	10°28	6°25	23°12	16°20	12°19	26°57	21° 2	19°41	20° 7	24°46	S 23
M24	10 13 30	4°20'16	26°39	21°49	18°44	11°15	6°23	23°15	16°23	12°21	26°56	21° 4	19°38	20°13	24°49	M24
T 25	10 17 27	5°21'03	8♋27	23° 9	19°59	12° 3	6°22	23°19	16°26	12°24	26°55	21° 5	19°34	20°20	24°51	T 25
W26	10 21 23	6°21'49	20°13	24°23	21°15	12°50	6°21	23°23	16°29	12°26	26°54	21°R 6	19°31	20°27	24°54	W26
T 27	10 25 20	7°22'34	2♌ 3	25°32	22°30	13°37	6°20	23°26	16°31	12°28	26°53	21° 5	19°28	20°33	24°56	T 27
F 28	10 29 17	8°23'18	13°58	26°34	23°45	14°25	6°19	23°30	16°34	12°30	26°53	21° 3	19°25	20°40	24°59	F 28
S 29	10 33 13	9♓24'00	26♌ 3	27♓28	25♒ 0	15♓12	6♋19	23♐33	16♑36	12♓33	26♋52	20♑57	19♑22	20♋46	25♈ 1	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s22	13n22	2s16	18s37	2s 7	21s38	0n11	14s46	1s 6	22n51	0s13	21s21	1n41	22s44	0s18	7s39	0s30	17n59	2s38	21s32	21s41	22n25	9n56	0n42
S 2	17 6	8 36	3 13	18 9	2 7	21 30	0 8	14 30	1 6	22 51	0 13	21 21	1 41	22 43	0 18	7 39	0 30	17 59	2 38	21 32	21 42	22 23	9 56	0 42
M 3	16 48	3 27	4 1	17 39	2 7	21 21	0 5	14 15	1 6	22 51	0 13	21 21	1 41	22 43	0 18	7 38	0 30	17 59	2 38	21 33	21 42	22 21	9 56	0 42
T 4	16 31	1s54	4 39	17 8	2 7	21 11	0 3	13 59	1 5	22 52	0 13	21 21	1 41	22 43	0 18	7 37	0 30	17 59	2 38	21 33	21 43	22 20	9 57	0 42
W 5	16 13	7 14	5 4	16 35	2 7	21 0	0 0	13 43	1 5	22 52	0 13	21 22	1 41	22 42	0 18	7 36	0 30	18 0	2 38	21 34	21 43	22 18	9 57	0 42
T 6	15 56	12 23	5 14	16 1	2 5	20 49	0s 3	13 27	1 5	22 53	0 13	21 22	1 41	22 42	0 18	7 35	0 30	18 0	2 37	21 34	21 43	22 16	9 58	0 42
F 7	15 37	17 5	5 9	15 26	2 4	20 37	0 5	13 10	1 5	22 53	0 12	21 22	1 41	22 42	0 18	7 35	0 30	18 0	2 37	21 35	21 44	22 14	9 58	0 42
S 8	15 19	21 3	4 47	14 50	2 2	20 25	0 8	12 54	1 5	22 54	0 12	21 22	1 41	22 41	0 18	7 34	0 30	18 1	2 37	21 35	21 44	22 13	9 59	0 41
S 9	15 0	23 58	4 8	14 13	1 59	20 12	0 10	12 37	1 5	22 54	0 12	21 23	1 41	22 41	0 18	7 33	0 30	18 1	2 37	21 35	21 45	22 11	10 0	0 41
M10	14 41	25 30	3 14	13 34	1 56	19 58	0 13	12 21	1 5	22 54	0 12	21 23	1 41	22 41	0 18	7 32	0 30	18 1	2 37	21 35	21 45	22 9	10 0	0 41
T 11	14 22	25 23	2 6	12 55	1 52	19 44	0 15	12 4	1 5	22 55	0 12	21 23	1 41	22 40	0 18	7 31	0 30	18 2	2 37	21 34	21 46	22 7	10 1	0 41
W12	14 2	23 30	0 49	12 14	1 48	19 29	0 18	11 47	1 4	22 55	0 12	21 23	1 41	22 40	0 18	7 31	0 30	18 2	2 37	21 34	21 46	22 5	10 1	0 41
T 13	13 43	20 0	0n32	11 32	1 43	19 14	0 20	11 30	1 4	22 55	0 11	21 23	1 42	22 39	0 18	7 30	0 30	18 2	2 37	21 34	21 47	22 4	10 2	0 41
F 14	13 23	15 9	1 52	10 50	1 38	18 58	0 23	11 13	1 4	22 56	0 11	21 23	1 42	22 39	0 18	7 29	0 30	18 2	2 37	21 34	21 47	22 2	10 3	0 41
S 15	13 2	9 23	3 4	10 6	1 31	18 42	0 25	10 55	1 4	22 56	0 11	21 24	1 42	22 39	0 18	7 28	0 30	18 3	2 37	21 35	21 48	22 0	10 3	0 41
S 16	12 42	3 11	4 2	9 22	1 24	18 25	0 28	10 38	1 4	22 56	0 11	21 24	1 42	22 38	0 18	7 27	0 30	18 3	2 37	21 36	21 48	21 58	10 4	0 41
M17	12 21	3n 3	4 43	8 37	1 17	18 7	0 30	10 20	1 3	22 57	0 11	21 24	1 42	22 38	0 18	7 26	0 30	18 3	2 37	21 37	21 49	21 56	10 5	0 40
T 18	12 0	8 57	5 6	7 51	1 8	17 49	0 33	10 3	1 3	22 57	0 11	21 24	1 42	22 38	0 18	7 26	0 30	18 4	2 36	21 38	21 49	21 55	10 5	0 40
W19	11 39	14 13	5 11	7 5	0 59	17 31	0 35	9 45	1 3	22 57	0 10	21 24	1 42	22 37	0 18	7 25	0 30	18 4	2 36	21 38	21 50	21 53	10 6	0 40
T 20	11 18	18 39	4 59	6 19	0 50	17 12	0 37	9 27	1 3	22 58	0 10	21 24	1 42	22 37	0 18	7 24	0 30	18 4	2 36	21 39	21 50	21 51	10 7	0 40
F 21	10 57	22 4	4 32	5 32	0 39	16 52	0 39	9 10	1 3	22 58	0 10	21 24	1 42	22 37	0 18	7 23	0 30	18 4	2 36	21 39	21 50	21 49	10 8	0 40
S 22	10 35	24 22	3 53	4 46	0 28	16 32	0 42	8 52	1 2	22 58	0 10	21 24	1 42	22 36	0 18	7 22	0 30	18 5	2 36	21 39	21 51	21 47	10 8	0 40
S 23	10 13	25 29	3 5	4 1	0 16	16 11	0 44	8 33	1 2	22 58	0 10	21 25	1 43	22 36	0 18	7 21	0 30	18 5	2 36	21 39	21 51	21 45	10 9	0 40
M24	9 52	25 24	2 9	3 16	0 3	15 50	0 46	8 15	1 2	22 58	0 10	21 25	1 43	22 36	0 19	7 21	0 30	18 5	2 36	21 39	21 52	21 44	10 10	0 40
T 25	9 29	24 9	1 8	2 32	0n11	15 29	0 48	7 57	1 2	22 59	0 10	21 25	1 43	22 36	0 19	7 20	0 30	18 6	2 36	21 39	21 52	21 42	10 11	0 40
W26	9 7	21 51	0 5	1 50	0 25	15 7	0 50	7 39	1 1	22 59	0 9	21 25	1 43	22 35	0 19	7 19	0 30	18 6	2 36	21 39	21 53	21 40	10 12	0 40
T 27	8 45	18 37	0s59	1 10	0 40	14 45	0 52	7 20	1 1	22 59	0 9	21 25	1 43	22 35	0 19	7 18	0 30	18 6	2 36	21 39	21 53	21 38	10 13	0 40
F 28	8 22	14 36	2 1	0 31	0 55	14 22	0 54	7 2	1 1	22 59	0 9	21 25	1 43	22 35	0 19	7 17	0 30	18 6	2 36	21 39	21 54	21 36	10 13	0 39
S 29	8s 0	9n58	2s57	0n 4	1n10	13s59	0s56	6s44	1s 1	22n59	0s 9	21s25	1n43	22s34	0s19	7s16	0s30	18n 7	2s35	21s40	21s54	21n34	10n14	0n39

Julian Day Number = 2876717.5, Delta T = 01h14m06s
Ecliptic obliquity = 23°17'23, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°02'32, Lahiri = 40°09'32

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ASTRODIENST EPHEMERIS for the year 3164
geocentric

MARCH 3164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 37 10	10♓24'40	8♍19	28♓14	26♒15	16♓ 0	6°R19	23♐36	16♑39	12♓35	26°R51	20°R50	19♑19	20♋53	25♈ 4	S 1
M 2	10 41 6	11°25'20	20°47	28°51	27°30	16°47	6°D19	23°39	16°41	12°37	26♋50	20♑41	19°15	21° 0	25° 7	M 2
T 3	10 45 3	12°25'58	3♎28	29°19	28°45	17°35	6♋19	23°42	16°44	12°40	26°49	20°31	19°12	21° 6	25° 9	T 3
W 4	10 48 59	13°26'35	16°21	29°36	0♓ 0	18°22	6°19	23°45	16°46	12°42	26°48	20°22	19° 9	21°13	25°12	W 4
T 5	10 52 56	14°27'11	29°26	29°R44	1°15	19°10	6°20	23°48	16°49	12°44	26°48	20°13	19° 6	21°20	25°15	T 5
F 6	10 56 52	15°27'45	12♏44	29°40	2°30	19°57	6°21	23°51	16°51	12°46	26°47	20° 6	19° 3	21°26	25°18	F 6
S 7	11 0 49	16°28'19	26°13	29°26	3°45	20°45	6°22	23°54	16°53	12°49	26°46	20° 2	19° 0	21°33	25°21	S 7
S 8	11 4 46	17°28'51	9♐54	29° 3	5° 0	21°32	6°23	23°57	16°55	12°51	26°45	20° 0	18°56	21°40	25°24	S 8
M 9	11 8 42	18°29'23	23°49	28°29	6°15	22°20	6°24	23°59	16°58	12°53	26°45	20°D 0	18°53	21°46	25°27	M 9
T 10	11 12 39	19°29'53	7♑55	27°47	7°30	23° 7	6°26	24° 1	17° 0	12°55	26°44	20° 1	18°50	21°53	25°30	T 10
W11	11 16 35	20°30'22	22°14	26°58	8°45	23°55	6°28	24° 4	17° 2	12°58	26°43	20°R 1	18°47	22° 0	25°33	W11
T 12	11 20 32	21°30'50	6♒43	26° 2	10° 1	24°42	6°30	24° 6	17° 4	13° 0	26°43	20° 0	18°44	22° 6	25°36	T 12
F 13	11 24 28	22°31'17	21°18	25° 1	11°16	25°29	6°32	24° 8	17° 6	13° 2	26°42	19°56	18°40	22°13	25°39	F 13
S 14	11 28 25	23°31'42	5♓54	23°57	12°31	26°17	6°34	24°10	17° 8	13° 5	26°41	19°50	18°37	22°19	25°42	S 14
S 15	11 32 21	24°32'05	20°23	22°52	13°46	27° 4	6°37	24°12	17°10	13° 7	26°41	19°41	18°34	22°26	25°45	S 15
M16	11 36 18	25°32'27	4♈41	21°47	15° 1	27°52	6°40	24°14	17°12	13° 9	26°40	19°30	18°31	22°33	25°48	M16
T 17	11 40 15	26°32'47	18°39	20°43	16°16	28°39	6°42	24°16	17°14	13°11	26°40	19°19	18°28	22°39	25°51	T 17
W18	11 44 11	27°33'06	2♉15	19°43	17°31	29°27	6°46	24°17	17°15	13°13	26°39	19° 8	18°25	22°46	25°54	W18
T 19	11 48 8	28°33'22	15°25	18°47	18°46	0♈14	6°49	24°19	17°17	13°16	26°39	18°59	18°21	22°53	25°57	T 19
F 20	11 52 4	29°33'37	28°12	17°56	20° 1	1° 1	6°52	24°20	17°19	13°18	26°38	18°53	18°18	22°59	26° 0	F 20
S 21	11 56 1	0♈33'50	10♊38	17°11	21°16	1°49	6°56	24°22	17°21	13°20	26°38	18°49	18°15	23° 6	26° 4	S 21
S 22	11 59 57	1°34'01	22°45	16°32	22°31	2°36	7° 0	24°23	17°22	13°22	26°37	18°47	18°12	23°13	26° 7	S 22
M23	12 3 54	2°34'10	4♋41	16° 0	23°45	3°23	7° 4	24°24	17°24	13°24	26°37	18°D46	18° 9	23°19	26°10	M23
T 24	12 7 50	3°34'17	16°30	15°35	25° 0	4°11	7° 8	24°25	17°25	13°27	26°36	18°R47	18° 6	23°26	26°14	T 24
W25	12 11 47	4°34'22	28°17	15°17	26°15	4°58	7°13	24°26	17°27	13°29	26°36	18°46	18° 2	23°33	26°17	W25
T 26	12 15 44	5°34'25	10♌ 8	15° 5	27°30	5°45	7°17	24°27	17°28	13°31	26°36	18°44	17°59	23°39	26°20	T 26
F 27	12 19 40	6°34'26	22° 8	15°D 0	28°45	6°33	7°22	24°28	17°29	13°33	26°35	18°40	17°56	23°46	26°23	F 27
S 28	12 23 37	7°34'25	4♍21	15° 2	29°59	7°20	7°27	24°28	17°31	13°35	26°35	18°33	17°53	23°52	26°27	S 28
S 29	12 27 33	8°34'22	16°48	15° 9	1♈15	8° 7	7°32	24°29	17°32	13°37	26°35	18°23	17°50	23°59	26°30	S 29
M30	12 31 30	9°34'16	29°32	15°23	2°30	8°54	7°38	24°29	17°33	13°39	26°35	18°11	17°46	24° 6	26°34	M30
T 31	12 35 26	10♈34'09	12♎33	15♓42	3♈44	9♈41	7♋43	24♐30	17♑34	13♓42	26♋34	17♑58	17♑43	24♋12	26♈37	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s37	4n53	3s47	0n37	1n26	13s36	0s58	6s25	1s 0	23n 0	0s 9	21s25	1n43	22s34	0s19	7s15	0s30	18n 7	2s35	21s41	21s55	21n32	10n15	0n39
M 2	7 14	0s27	4 26	1 6	1 42	13 12	1 0	6 6	1 0	23 0	0 9	21 25	1 43	22 34	0 19	7 15	0 30	18 7	2 35	21 43	21 55	21 30	10 16	0 39
T 3	6 51	5 51	4 53	1 32	1 57	12 48	1 1	5 48	1 0	23 0	0 9	21 25	1 44	22 34	0 19	7 14	0 30	18 7	2 35	21 44	21 55	21 29	10 17	0 39
W 4	6 28	11 5	5 5	1 53	2 13	12 23	1 3	5 29	0 59	23 0	0 8	21 25	1 44	22 33	0 19	7 13	0 30	18 8	2 35	21 45	21 56	21 27	10 18	0 39
T 5	6 5	15 55	5 2	2 9	2 28	11 58	1 5	5 10	0 59	23 0	0 8	21 25	1 44	22 33	0 19	7 12	0 30	18 8	2 35	21 47	21 56	21 25	10 19	0 39
F 6	5 42	20 3	4 43	2 21	2 42	11 33	1 6	4 51	0 59	23 0	0 8	21 25	1 44	22 33	0 19	7 11	0 30	18 8	2 35	21 48	21 57	21 23	10 20	0 39
S 7	5 18	23 12	4 8	2 27	2 55	11 7	1 8	4 33	0 58	23 0	0 8	21 25	1 44	22 32	0 19	7 10	0 30	18 8	2 35	21 48	21 57	21 21	10 21	0 39
S 8	4 55	25 3	3 18	2 29	3 7	10 42	1 9	4 14	0 58	23 0	0 8	21 25	1 44	22 32	0 19	7 9	0 30	18 9	2 35	21 49	21 58	21 19	10 22	0 39
M 9	4 32	25 24	2 16	2 25	3 17	10 15	1 11	3 55	0 58	23 1	0 8	21 25	1 44	22 32	0 19	7 9	0 30	18 9	2 34	21 49	21 58	21 17	10 23	0 39
T 10	4 8	24 7	1 4	2 16	3 26	9 49	1 12	3 36	0 57	23 1	0 7	21 25	1 44	22 32	0 19	7 8	0 30	18 9	2 34	21 49	21 59	21 15	10 24	0 38
W11	3 44	21 16	0n12	2 3	3 32	9 22	1 13	3 17	0 57	23 1	0 7	21 25	1 44	22 31	0 19	7 7	0 30	18 9	2 34	21 48	21 59	21 13	10 25	0 38
T 12	3 21	17 3	1 28	1 45	3 36	8 55	1 15	2 58	0 57	23 1	0 7	21 25	1 45	22 31	0 19	7 6	0 30	18 10	2 34	21 49	21 59	21 11	10 26	0 38
F 13	2 57	11 48	2 39	1 23	3 39	8 28	1 16	2 39	0 56	23 1	0 7	21 25	1 45	22 31	0 19	7 5	0 30	18 10	2 34	21 49	22 0	21 9	10 27	0 38
S 14	2 33	5 54	3 39	0 58	3 39	8 1	1 17	2 20	0 56	23 1	0 7	21 25	1 45	22 31	0 19	7 4	0 30	18 10	2 34	21 50	22 0	21 7	10 28	0 38
S 15	2 9	0n17	4 25	0 30	3 36	7 33	1 18	2 1	0 56	23 1	0 7	21 25	1 45	22 31	0 19	7 3	0 30	18 10	2 34	21 51	22 1	21 6	10 29	0 38
M16	1 46	6 20	4 53	0 0	3 32	7 5	1 19	1 41	0 55	23 1	0 7	21 25	1 45	22 30	0 19	7 3	0 30	18 10	2 34	21 53	22 1	21 4	10 30	0 38
T 17	1 22	11 56	5 3	0s30	3 25	6 37	1 20	1 22	0 55	23 1	0 6	21 25	1 45	22 30	0 19	7 2	0 30	18 11	2 34	21 54	22 2	21 2	10 31	0 38
W18	0 58	16 48	4 55	1 2	3 17	6 9	1 21	1 3	0 55	23 1	0 6	21 25	1 45	22 30	0 19	7 1	0 30	18 11	2 33	21 56	22 2	21 0	10 32	0 38
T 19	0 34	20 41	4 32	1 32	3 7	5 41	1 22	0 44	0 54	23 1	0 6	21 25	1 45	22 30	0 19	7 0	0 30	18 11	2 33	21 57	22 2	20 58	10 33	0 38
F 20	0 10	23 27	3 55	2 2	2 56	5 12	1 23	0 25	0 54	23 1	0 6	21 25	1 46	22 30	0 19	6 59	0 30	18 11	2 33	21 58	22 3	20 56	10 34	0 38
S 21	0n13	25 0	3 8	2 31	2 43	4 43	1 23	0 6	0 53	23 1	0 6	21 25	1 46	22 29	0 19	6 58	0 30	18 11	2 33	21 59	22 3	20 54	10 35	0 37
S 22	0 37	25 19	2 14	2 58	2 30	4 15	1 24	0n13	0 53	23 1	0 6	21 25	1 46	22 29	0 19	6 58	0 30	18 12	2 33	21 59	22 4	20 52	10 36	0 37
M23	1 1	24 27	1 14	3 23	2 16	3 46	1 25	0 32	0 52	23 0	0 6	21 24	1 46	22 29	0 19	6 57	0 30	18 12	2 33	21 59	22 4	20 50	10 37	0 37
T 24	1 25	22 29	0 12	3 46	2 2	3 17	1 25	0 51	0 52	23 0	0 6	21 24	1 46	22 29	0 19	6 56	0 30	18 12	2 33	21 59	22 5	20 48	10 38	0 37
W25	1 48	19 33	0s50	4 7	1 48	2 48	1 26	1 10	0 52	23 0	0 5	21 24	1 46	22 29	0 19	6 55	0 30	18 12	2 33	21 59	22 5	20 46	10 40	0 37
T 26	2 12	15 49	1 51	4 24	1 33	2 18	1 26	1 29	0 51	23 0	0 5	21 24	1 46	22 29	0 19	6 54	0 30	18 12	2 33	21 59	22 5	20 44	10 41	0 37
F 27	2 36	11 24	2 47	4 40	1 19	1 49	1 26	1 48	0 51	23 0	0 5	21 24	1 46	22 28	0 19	6 54	0 30	18 13	2 32	22 0	22 6	20 42	10 42	0 37
S 28	2 59	6 29	3 37	4 52	1 4	1 20	1 27	2 7	0 50	23 0	0 5	21 24	1 47	22 28	0 19	6 53	0 30	18 13	2 32	22 1	22 6	20 40	10 43	0 37
S 29	3 23	1 14	4 17	5 3	0 50	0 50	1 27	2 26	0 50	23 0	0 5	21 24	1 47	22 28	0 19	6 52	0 30	18 13	2 32	22 2	22 7	20 38	10 44	0 37
M30	3 46	4s11	4 45	5 10	0 36	0 21	1 27	2 45	0 49	23 0	0 5	21 24	1 47	22 28	0 19	6 51	0 30	18 13	2 32	22 4	22 7	20 36	10 45	0 37
T 31	4n10	9s31	4s59	5s15	0n23	0n 9	1s27	3n 4	0s49	22n59	0s 5	21s24	1n47	22s28	0s19	6s50	0s30	18n13	2s32	22s 6	22s 7	20n34	10n46	0n37

Julian Day Number = 2876746.5, Delta T = 01h14m06s
Ecliptic obliquity = 23°17'23, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°02'36, Lahiri = 40°09'36

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ASTRODIENST EPHEMERIS for the year 3164
geocentric

APRIL 3164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 39 23	11♈34'00	25♎49	16♓ 6	4♈59	10♈29	7♋49	24♐30	17♑35	13♓44	26°R34	17°R45	17♑40	24♋19	26♈40	W 1
T 2	12 43 19	12°33'50	9♏18	16°34	6°14	11°16	7°54	24°30	17°36	13°46	26♋34	17♑33	17°37	24°26	26°44	T 2
F 3	12 47 16	13°33'37	22°59	17° 8	7°29	12° 3	8° 0	24°R30	17°37	13°48	26°34	17°24	17°34	24°32	26°47	F 3
S 4	12 51 12	14°33'23	6♐47	17°45	8°44	12°50	8° 6	24°30	17°38	13°50	26°34	17°17	17°31	24°39	26°51	S 4
S 5	12 55 9	15°33'08	20°41	18°27	9°58	13°37	8°13	24°30	17°39	13°52	26°33	17°13	17°27	24°46	26°54	S 5
M 6	12 59 6	16°32'51	4♑41	19°12	11°13	14°24	8°19	24°29	17°40	13°54	26°33	17°12	17°24	24°52	26°58	M 6
T 7	13 3 2	17°32'32	18°44	20° 1	12°28	15°11	8°26	24°29	17°41	13°56	26°33	17°12	17°21	24°59	27° 1	T 7
W 8	13 6 59	18°32'11	2♒51	20°53	13°43	15°58	8°32	24°28	17°42	13°58	26°33	17°12	17°18	25° 6	27° 4	W 8
T 9	13 10 55	19°31'49	17° 1	21°48	14°57	16°45	8°39	24°28	17°42	14° 0	26°D33	17°10	17°15	25°12	27° 8	T 9
F 10	13 14 52	20°31'25	1♓11	22°46	16°12	17°32	8°46	24°27	17°43	14° 2	26°33	17° 6	17°11	25°19	27°11	F 10
S 11	13 18 48	21°30'59	15°20	23°47	17°27	18°19	8°53	24°26	17°44	14° 4	26°33	16°58	17° 8	25°26	27°15	S 11
S 12	13 22 45	22°30'32	29°23	24°51	18°42	19° 6	9° 1	24°26	17°44	14° 5	26°33	16°49	17° 5	25°32	27°18	S 12
M13	13 26 41	23°30'03	13♈17	25°57	19°56	19°53	9° 8	24°25	17°45	14° 7	26°33	16°37	17° 2	25°39	27°22	M13
T 14	13 30 38	24°29'31	26°56	27° 5	21°11	20°40	9°16	24°23	17°45	14° 9	26°34	16°24	16°59	25°45	27°25	T 14
W15	13 34 35	25°28'58	10♉18	28°15	22°26	21°26	9°24	24°22	17°45	14°11	26°34	16°12	16°56	25°52	27°29	W15
T 16	13 38 31	26°28'23	23°20	29°28	23°40	22°13	9°31	24°21	17°46	14°13	26°34	16° 1	16°52	25°59	27°32	T 16
F 17	13 42 28	27°27'46	6♊ 2	0♈42	24°55	23° 0	9°39	24°20	17°46	14°15	26°34	15°53	16°49	26° 5	27°36	F 17
S 18	13 46 24	28°27'07	18°25	1°59	26° 9	23°47	9°48	24°18	17°46	14°16	26°34	15°47	16°46	26°12	27°39	S 18
S 19	13 50 21	29°26'25	0♋33	3°17	27°24	24°33	9°56	24°17	17°46	14°18	26°34	15°44	16°43	26°19	27°43	S 19
M20	13 54 17	0♉25'41	12°29	4°38	28°39	25°20	10° 4	24°15	17°46	14°20	26°35	15°D43	16°40	26°25	27°46	M20
T 21	13 58 14	1°24'55	24°19	6° 0	29°53	26° 6	10°13	24°13	17°46	14°22	26°35	15°43	16°37	26°32	27°50	T 21
W22	14 2 10	2°24'07	6♌ 7	7°24	1♉ 8	26°53	10°22	24°11	17°R46	14°23	26°35	15°R43	16°33	26°39	27°53	W22
T 23	14 6 7	3°23'17	17°59	8°49	2°22	27°40	10°30	24° 9	17°46	14°25	26°35	15°42	16°30	26°45	27°57	T 23
F 24	14 10 4	4°22'24	0♍ 1	10°16	3°37	28°26	10°39	24° 7	17°46	14°27	26°36	15°39	16°27	26°52	28° 0	F 24
S 25	14 14 0	5°21'29	12°18	11°45	4°51	29°13	10°48	24° 5	17°46	14°28	26°36	15°34	16°24	26°59	28° 4	S 25
S 26	14 17 57	6°20'31	24°52	13°15	6° 5	29°59	10°57	24° 3	17°46	14°30	26°37	15°26	16°21	27° 5	28° 7	S 26
M27	14 21 53	7°19'32	7♎47	14°47	7°20	0♉45	11° 7	24° 1	17°46	14°31	26°37	15°16	16°17	27°12	28°11	M27
T 28	14 25 50	8°18'30	21° 3	16°21	8°34	1°32	11°16	23°58	17°45	14°33	26°37	15° 5	16°14	27°18	28°14	T 28
W29	14 29 46	9°17'27	4♏39	17°56	9°49	2°18	11°26	23°56	17°45	14°34	26°38	14°54	16°11	27°25	28°18	W29
T 30	14 33 43	10♉16'21	18♏32	19♈33	11♉ 3	3♉ 4	11♋35	23♐53	17♑45	14♓36	26♋38	14♑44	16♑ 8	27♋32	28♈21	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n33	14s32	4s57	5s18	0n10	0n38	1s27	3n23	0s49	22n59	0s 5	21s24	1n47	22s28	0s19	6s50	0s30	18n13	2s32	22s 7	22s 8	20n32	10n48	0n37
T 2	4 56	18 55	4 39	5 19	0s 3	1 8	1 27	3 41	0 48	22 59	0 4	21 23	1 47	22 28	0 19	6 49	0 30	18 14	2 32	22 9	22 8	20 30	10 49	0 37
F 3	5 19	22 21	4 5	5 17	0 15	1 37	1 27	4 0	0 48	22 59	0 4	21 23	1 47	22 27	0 19	6 48	0 30	18 14	2 32	22 10	22 9	20 28	10 50	0 36
S 4	5 42	24 32	3 16	5 13	0 27	2 7	1 27	4 19	0 47	22 58	0 4	21 23	1 47	22 27	0 19	6 47	0 30	18 14	2 32	22 11	22 9	20 26	10 51	0 36
S 5	6 5	25 13	2 15	5 8	0 38	2 36	1 27	4 37	0 47	22 58	0 4	21 23	1 48	22 27	0 19	6 47	0 30	18 14	2 31	22 11	22 10	20 24	10 52	0 36
M 6	6 28	24 18	1 6	5 0	0 49	3 5	1 26	4 56	0 46	22 58	0 4	21 23	1 48	22 27	0 20	6 46	0 30	18 14	2 31	22 11	22 10	20 22	10 53	0 36
T 7	6 51	21 51	0n 8	4 50	0 59	3 35	1 26	5 15	0 46	22 58	0 4	21 23	1 48	22 27	0 20	6 45	0 30	18 14	2 31	22 11	22 10	20 20	10 55	0 36
W 8	7 13	18 4	1 22	4 39	1 9	4 4	1 25	5 33	0 45	22 57	0 4	21 23	1 48	22 27	0 20	6 44	0 30	18 14	2 31	22 12	22 11	20 18	10 56	0 36
T 9	7 36	13 15	2 31	4 25	1 18	4 33	1 25	5 51	0 45	22 57	0 4	21 23	1 48	22 27	0 20	6 44	0 30	18 14	2 31	22 12	22 11	20 16	10 57	0 36
F 10	7 58	7 42	3 30	4 11	1 27	5 2	1 24	6 10	0 44	22 57	0 3	21 22	1 48	22 27	0 20	6 43	0 30	18 15	2 31	22 12	22 12	20 13	10 58	0 36
S 11	8 20	1 48	4 16	3 54	1 35	5 31	1 24	6 28	0 44	22 56	0 3	21 22	1 48	22 27	0 20	6 42	0 30	18 15	2 31	22 13	22 12	20 11	10 59	0 36
S 12	8 42	4n 9	4 47	3 36	1 42	6 0	1 23	6 46	0 43	22 56	0 3	21 22	1 48	22 27	0 20	6 41	0 30	18 15	2 31	22 14	22 12	20 9	11 0	0 36
M13	9 4	9 49	5 0	3 17	1 49	6 29	1 22	7 4	0 43	22 56	0 3	21 22	1 48	22 27	0 20	6 41	0 30	18 15	2 30	22 16	22 13	20 7	11 2	0 36
T 14	9 26	14 55	4 55	2 56	1 56	6 57	1 21	7 22	0 42	22 55	0 3	21 22	1 49	22 27	0 20	6 40	0 30	18 15	2 30	22 17	22 13	20 5	11 3	0 36
W15	9 48	19 10	4 35	2 33	2 2	7 26	1 21	7 40	0 41	22 55	0 3	21 22	1 49	22 27	0 20	6 39	0 30	18 15	2 30	22 19	22 14	20 3	11 4	0 36
T 16	10 9	22 22	4 0	2 10	2 7	7 54	1 20	7 58	0 41	22 54	0 3	21 21	1 49	22 27	0 20	6 39	0 30	18 15	2 30	22 20	22 14	20 1	11 5	0 36
F 17	10 30	24 22	3 14	1 45	2 12	8 22	1 19	8 16	0 40	22 54	0 3	21 21	1 49	22 27	0 20	6 38	0 31	18 15	2 30	22 21	22 14	19 59	11 6	0 35
S 18	10 51	25 6	2 19	1 19	2 17	8 50	1 18	8 33	0 40	22 53	0 3	21 21	1 49	22 27	0 20	6 37	0 31	18 15	2 30	22 22	22 15	19 57	11 8	0 35
S 19	11 12	24 37	1 20	0 52	2 21	9 18	1 16	8 51	0 39	22 53	0 2	21 21	1 49	22 27	0 20	6 37	0 31	18 15	2 30	22 22	22 15	19 55	11 9	0 35
M20	11 33	23 0	0 17	0 23	2 25	9 45	1 15	9 8	0 39	22 52	0 2	21 21	1 49	22 27	0 20	6 36	0 31	18 15	2 30	22 22	22 15	19 53	11 10	0 35
T 21	11 54	20 22	0s46	0n 6	2 28	10 12	1 14	9 26	0 38	22 52	0 2	21 21	1 49	22 27	0 20	6 35	0 31	18 16	2 30	22 22	22 16	19 51	11 11	0 35
W22	12 14	16 55	1 46	0 37	2 30	10 39	1 13	9 43	0 38	22 51	0 2	21 20	1 49	22 27	0 20	6 35	0 31	18 16	2 29	22 22	22 16	19 48	11 12	0 35
T 23	12 34	12 46	2 43	1 9	2 32	11 6	1 11	10 0	0 37	22 51	0 2	21 20	1 50	22 27	0 20	6 34	0 31	18 16	2 29	22 22	22 17	19 46	11 14	0 35
F 24	12 54	8 4	3 33	1 41	2 34	11 32	1 10	10 17	0 37	22 50	0 2	21 20	1 50	22 27	0 20	6 34	0 31	18 16	2 29	22 23	22 17	19 44	11 15	0 35
S 25	13 14	2 59	4 14	2 15	2 35	11 59	1 9	10 34	0 36	22 49	0 2	21 20	1 50	22 27	0 20	6 33	0 31	18 16	2 29	22 23	22 17	19 42	11 16	0 35
S 26	13 33	2s19	4 44	2 49	2 35	12 25	1 7	10 51	0 35	22 49	0 2	21 20	1 50	22 27	0 20	6 32	0 31	18 16	2 29	22 24	22 18	19 40	11 17	0 35
M27	13 52	7 40	5 0	3 24	2 35	12 50	1 6	11 7	0 35	22 48	0 2	21 20	1 50	22 27	0 20	6 32	0 31	18 16	2 29	22 25	22 18	19 38	11 18	0 35
T 28	14 11	12 49	5 1	4 0	2 35	13 16	1 4	11 24	0 34	22 47	0 1	21 19	1 50	22 27	0 20	6 31	0 31	18 16	2 29	22 27	22 19	19 36	11 19	0 35
W29	14 30	17 28	4 45	4 37	2 34	13 40	1 2	11 40	0 34	22 47	0 1	21 19	1 50	22 27	0 20	6 31	0 31	18 16	2 29	22 28	22 19	19 34	11 21	0 35
T 30	14n48	21s17	4s12	5n15	2s32	14n 5	1s 1	11n56	0s33	22n46	0s 1	21s19	1n50	22s27	0s20	6s30	0s31	18n16	2s29	22s29	22s19	19n31	11n22	0n35

Julian Day Number = 2876777.5, Delta T = 01h14m07s
Ecliptic obliquity = 23°17'23, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°02'40, Lahiri = 40°09'40

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ASTRODIENST EPHEMERIS for the year 3164
geocentric

MAY 3164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 37 39	11♉15'14	2♐38	21♈11	12♉17	3♉50	11♋45	23°R51	17°R44	14♓37	26♋39	14°R36	16♏ 5	27♋38	28♈25	F 1
S 2	14 41 36	12°14'05	16°52	22°51	13°32	4°37	11°55	23♐48	17♏44	14°39	26°39	14♏31	16° 2	27°45	28°28	S 2
S 3	14 45 33	13°12'54	1♏10	24°32	14°46	5°23	12° 5	23°45	17°43	14°40	26°40	14°28	15°58	27°52	28°32	S 3
M 4	14 49 29	14°11'42	15°28	26°15	16° 0	6° 9	12°15	23°42	17°42	14°42	26°40	14°D27	15°55	27°58	28°35	M 4
T 5	14 53 26	15°10'28	29°42	28° 0	17°15	6°55	12°25	23°39	17°42	14°43	26°41	14°28	15°52	28° 5	28°38	T 5
W 6	14 57 22	16° 9'12	13♒51	29°46	18°29	7°41	12°35	23°36	17°41	14°44	26°42	14°R28	15°49	28°12	28°42	W 6
T 7	15 1 19	17° 7'54	27°54	1♉34	19°43	8°27	12°45	23°33	17°40	14°46	26°42	14°28	15°46	28°18	28°45	T 7
F 8	15 5 15	18° 6'35	11♓49	3°23	20°58	9°13	12°56	23°30	17°40	14°47	26°43	14°25	15°43	28°25	28°49	F 8
S 9	15 9 12	19° 5'15	25°37	5°14	22°12	9°59	13° 6	23°27	17°39	14°48	26°44	14°21	15°39	28°32	28°52	S 9
S 10	15 13 8	20° 3'52	9♈15	7° 7	23°26	10°45	13°17	23°24	17°38	14°49	26°44	14°14	15°36	28°38	28°55	S 10
M11	15 17 5	21° 2'28	22°42	9° 1	24°40	11°30	13°28	23°20	17°37	14°50	26°45	14° 5	15°33	28°45	28°58	M11
T 12	15 21 2	22° 1'03	5♉56	10°57	25°54	12°16	13°39	23°17	17°36	14°52	26°46	13°56	15°30	28°52	29° 2	T 12
W13	15 24 58	22°59'35	18°57	12°54	27° 9	13° 2	13°49	23°13	17°35	14°53	26°46	13°47	15°27	28°58	29° 5	W13
T 14	15 28 55	23°58'06	1♊42	14°53	28°23	13°48	14° 0	23°10	17°34	14°54	26°47	13°40	15°23	29° 5	29° 8	T 14
F 15	15 32 51	24°56'35	14°12	16°54	29°37	14°33	14°11	23° 6	17°33	14°55	26°48	13°34	15°20	29°11	29°12	F 15
S 16	15 36 48	25°55'02	26°27	18°56	0♊51	15°19	14°23	23° 2	17°31	14°56	26°49	13°30	15°17	29°18	29°15	S 16
S 17	15 40 44	26°53'28	8♋31	21° 0	2° 5	16° 4	14°34	22°59	17°30	14°57	26°50	13°D28	15°14	29°25	29°18	S 17
M18	15 44 41	27°51'51	20°25	23° 5	3°19	16°50	14°45	22°55	17°29	14°58	26°51	13°28	15°11	29°31	29°21	M18
T 19	15 48 37	28°50'12	2♌14	25°11	4°33	17°35	14°57	22°51	17°28	14°59	26°51	13°30	15° 8	29°38	29°24	T 19
W20	15 52 34	29°48'31	14° 2	27°18	5°47	18°21	15° 8	22°47	17°26	15° 0	26°52	13°31	15° 4	29°45	29°27	W20
T 21	15 56 31	0♊46'49	25°54	29°27	7° 1	19° 6	15°20	22°43	17°25	15° 1	26°53	13°R32	15° 1	29°51	29°31	T 21
F 22	16 0 27	1°45'04	7♍56	1♊36	8°15	19°51	15°31	22°39	17°23	15° 1	26°54	13°32	14°58	29°58	29°34	F 22
S 23	16 4 24	2°43'17	20°13	3°46	9°29	20°37	15°43	22°35	17°22	15° 2	26°55	13°30	14°55	0♌ 5	29°37	S 23
S 24	16 8 20	3°41'28	2♎48	5°56	10°43	21°22	15°55	22°31	17°20	15° 3	26°56	13°27	14°52	0°11	29°40	S 24
M25	16 12 17	4°39'38	15°46	8° 6	11°57	22° 7	16° 7	22°27	17°19	15° 4	26°57	13°22	14°49	0°18	29°43	M25
T 26	16 16 13	5°37'45	29° 8	10°16	13°11	22°52	16°18	22°23	17°17	15° 5	26°58	13°17	14°45	0°25	29°46	T 26
W27	16 20 10	6°35'51	12♏55	12°26	14°25	23°37	16°30	22°18	17°16	15° 5	26°59	13°11	14°42	0°31	29°49	W27
T 28	16 24 6	7°33'56	27° 4	14°35	15°39	24°22	16°42	22°14	17°14	15° 6	27° 0	13° 5	14°39	0°38	29°52	T 28
F 29	16 28 3	8°31'58	11♐30	16°43	16°53	25° 7	16°55	22°10	17°12	15° 7	27° 1	13° 1	14°36	0°45	29°55	F 29
S 30	16 32 0	9°29'59	26° 9	18°50	18° 7	25°52	17° 7	22° 6	17°11	15° 7	27° 2	12°59	14°33	0°51	29°57	S 30
S 31	16 35 56	10♊27'59	10♏52	20♊55	19♊21	26♉37	17♋19	22♐ 1	17♏ 9	15♓ 8	27♋ 3	12°D58	14♏29	0♌58	0♉ 0	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n 7	23 s53	3 s24	5n54	2 s30	14n29	0 s59	12n13	0 s32	22n45	0 s 1	21 s19	1n50	22 s27	0 s20	6 s30	0 s31	18n16	2 s28	22 s30	22 s20	19n29	11n23	0n35
S 2	15 25	25 0	2 22	6 33	2 28	14 53	0 57	12 29	0 32	22 45	0 1	21 19	1 50	22 27	0 20	6 29	0 31	18 16	2 28	22 30	22 20	19 27	11 24	0 35
S 3	15 42	24 27	1 10	7 12	2 25	15 17	0 56	12 44	0 31	22 44	0 1	21 18	1 50	22 28	0 20	6 29	0 31	18 16	2 28	22 31	22 20	19 25	11 25	0 34
M 4	16 0	22 19	0n 5	7 53	2 21	15 40	0 54	13 0	0 31	22 43	0 1	21 18	1 50	22 28	0 20	6 28	0 31	18 16	2 28	22 31	22 21	19 23	11 26	0 34
T 5	16 17	18 46	1 21	8 34	2 17	16 3	0 52	13 16	0 30	22 42	0 1	21 18	1 50	22 28	0 20	6 28	0 31	18 16	2 28	22 31	22 21	19 21	11 28	0 34
W 6	16 34	14 10	2 31	9 15	2 12	16 25	0 50	13 31	0 29	22 41	0 1	21 18	1 51	22 28	0 20	6 27	0 31	18 16	2 28	22 31	22 22	19 19	11 29	0 34
T 7	16 51	8 50	3 31	9 57	2 7	16 47	0 48	13 47	0 29	22 40	0 0	21 18	1 51	22 28	0 20	6 27	0 31	18 16	2 28	22 31	22 22	19 16	11 30	0 34
F 8	17 7	3 6	4 18	10 39	2 2	17 9	0 46	14 2	0 28	22 40	0 0	21 17	1 51	22 28	0 20	6 26	0 31	18 16	2 28	22 31	22 22	19 14	11 31	0 34
S 9	17 23	2n42	4 50	11 22	1 56	17 30	0 44	14 17	0 28	22 39	0 0	21 17	1 51	22 28	0 20	6 26	0 31	18 16	2 27	22 31	22 23	19 12	11 32	0 34
S 10	17 39	8 19	5 5	12 4	1 50	17 50	0 42	14 32	0 27	22 38	0 0	21 17	1 51	22 28	0 20	6 25	0 31	18 16	2 27	22 32	22 23	19 10	11 33	0 34
M11	17 54	13 27	5 2	12 47	1 43	18 11	0 40	14 46	0 26	22 37	0 0	21 17	1 51	22 29	0 20	6 25	0 31	18 16	2 27	22 33	22 23	19 8	11 34	0 34
T 12	18 9	17 53	4 44	13 30	1 35	18 30	0 38	15 1	0 26	22 36	0n 0	21 16	1 51	22 29	0 20	6 24	0 31	18 16	2 27	22 34	22 24	19 6	11 35	0 34
W13	18 24	21 22	4 11	14 13	1 28	18 49	0 35	15 15	0 25	22 35	0 0	21 16	1 51	22 29	0 20	6 24	0 31	18 16	2 27	22 35	22 24	19 3	11 37	0 34
T 14	18 39	23 44	3 26	14 56	1 19	19 8	0 33	15 29	0 24	22 34	0 0	21 16	1 51	22 29	0 20	6 24	0 31	18 16	2 27	22 36	22 24	19 1	11 38	0 34
F 15	18 53	24 52	2 31	15 39	1 11	19 26	0 31	15 43	0 24	22 33	0 0	21 16	1 51	22 29	0 21	6 23	0 31	18 16	2 27	22 36	22 25	18 59	11 39	0 34
S 16	19 7	24 45	1 31	16 21	1 2	19 44	0 29	15 57	0 23	22 32	0 0	21 16	1 51	22 29	0 21	6 23	0 31	18 16	2 27	22 37	22 25	18 57	11 40	0 34
S 17	19 20	23 28	0 27	17 3	0 52	20 1	0 26	16 11	0 23	22 30	0 1	21 15	1 51	22 30	0 21	6 22	0 31	18 16	2 27	22 37	22 26	18 55	11 41	0 34
M18	19 34	21 8	0 s38	17 44	0 43	20 18	0 24	16 25	0 22	22 29	0 1	21 15	1 51	22 30	0 21	6 22	0 31	18 16	2 27	22 37	22 26	18 52	11 42	0 34
T 19	19 46	17 55	1 40	18 25	0 33	20 34	0 22	16 38	0 21	22 28	0 1	21 15	1 51	22 30	0 21	6 22	0 31	18 15	2 26	22 37	22 26	18 50	11 43	0 34
W20	19 59	13 59	2 38	19 4	0 23	20 49	0 19	16 51	0 21	22 27	0 1	21 15	1 51	22 30	0 21	6 21	0 31	18 15	2 26	22 36	22 27	18 48	11 44	0 33
T 21	20 11	9 30	3 30	19 42	0 12	21 4	0 17	17 4	0 20	22 26	0 1	21 14	1 51	22 30	0 21	6 21	0 31	18 15	2 26	22 36	22 27	18 46	11 45	0 33
F 22	20 23	4 37	4 13	20 19	0 2	21 18	0 15	17 17	0 19	22 25	0 1	21 14	1 51	22 31	0 21	6 21	0 31	18 15	2 26	22 36	22 27	18 43	11 46	0 33
S 23	20 34	0 s32	4 46	20 55	0n 9	21 32	0 12	17 29	0 19	22 23	0 1	21 14	1 51	22 31	0 21	6 21	0 31	18 15	2 26	22 37	22 28	18 41	11 47	0 33
S 24	20 45	5 47	5 5	21 29	0 19	21 45	0 10	17 42	0 18	22 22	0 1	21 14	1 51	22 31	0 21	6 20	0 31	18 15	2 26	22 37	22 28	18 39	11 48	0 33
M25	20 56	10 57	5 11	22 1	0 30	21 57	0 8	17 54	0 17	22 21	0 1	21 14	1 51	22 31	0 21	6 20	0 31	18 15	2 26	22 37	22 28	18 37	11 49	0 33
T 26	21 7	15 45	4 59	22 30	0 40	22 9	0 5	18 6	0 17	22 19	0 1	21 13	1 51	22 31	0 21	6 20	0 31	18 15	2 26	22 38	22 29	18 35	11 50	0 33
W27	21 17	19 54	4 30	22 58	0 50	22 20	0 3	18 18	0 16	22 18	0 1	21 13	1 51	22 32	0 21	6 19	0 32	18 15	2 26	22 38	22 29	18 32	11 51	0 33
T 28	21 26	23 1	3 44	23 24	1 0	22 31	0 0	18 30	0 15	22 17	0 2	21 13	1 51	22 32	0 21	6 19	0 32	18 15	2 25	22 39	22 29	18 30	11 52	0 33
F 29	21 35	24 43	2 43	23 47	1 9	22 41	0n 2	18 41	0 15	22 15	0 2	21 13	1 51	22 32	0 21	6 19	0 32	18 15	2 25	22 39	22 30	18 28	11 53	0 33
S 30	21 44	24 45	1 31	24 7	1 18	22 50	0 5	18 52	0 14	22 14	0 2	21 12	1 51	22 32	0 21	6 19	0 32	18 15	2 25	22 40	22 30	18 26	11 54	0 33
S 31	21n53	23 s 2	0 s11	24n25	1n26	22n59	0n 7	19n 3	0 s13	22n12	0n 2	21 s12	1n51	22 s33	0 s21	6 s19	0 s32	18n14	2 s25	22 s40	22 s30	18n23	11n55	0n33

Julian Day Number = 2876807.5, Delta T = 01h14m08s
Ecliptic obliquity = 23°17'22, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°02'44, Lahiri = 40°09'45

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ASTRODIENST EPHEMERIS for the year 3164
geocentric

JUNE 3164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 39 53	11♊25'57	25♑34	22♊58	20♊35	27♉21	17♋31	21°R57	17°R 7	15♓ 8	27♋ 4	12♑58	14♑26	1♌ 5	0♉ 3	M 1
T 2	16 43 49	12°23'54	10♒ 8	24°59	21°48	28° 6	17°44	21♐53	17♑ 5	15° 9	27° 6	12°59	14°23	1°11	0° 6	T 2
W 3	16 47 46	13°21'50	24°31	26°58	23° 2	28°51	17°56	21°48	17° 3	15° 9	27° 7	13° 1	14°20	1°18	0° 9	W 3
T 4	16 51 42	14°19'44	8♓40	28°55	24°16	29°35	18° 8	21°44	17° 1	15°10	27° 8	13°R 2	14°17	1°25	0°11	T 4
F 5	16 55 39	15°17'38	22°32	0♋49	25°30	0♊20	18°21	21°39	16°59	15°10	27° 9	13° 2	14°14	1°31	0°14	F 5
S 6	16 59 35	16°15'30	6♈10	2°40	26°44	1° 5	18°34	21°35	16°57	15°10	27°10	13° 0	14°10	1°38	0°17	S 6
S 7	17 3 32	17°13'21	19°31	4°28	27°57	1°49	18°46	21°30	16°55	15°11	27°11	12°58	14° 7	1°44	0°19	S 7
M 8	17 7 29	18°11'11	2♉38	6°14	29°11	2°34	18°59	21°26	16°53	15°11	27°13	12°54	14° 4	1°51	0°22	M 8
T 9	17 11 25	19° 9'00	15°30	7°56	0♋25	3°18	19°11	21°21	16°51	15°11	27°14	12°51	14° 1	1°58	0°25	T 9
W10	17 15 22	20° 6'48	28° 9	9°35	1°39	4° 2	19°24	21°17	16°49	15°12	27°15	12°47	13°58	2° 4	0°27	W10
T 11	17 19 18	21° 4'34	10♊35	11°11	2°52	4°47	19°37	21°12	16°47	15°12	27°16	12°44	13°55	2°11	0°30	T 11
F 12	17 23 15	22° 2'20	22°50	12°44	4° 6	5°31	19°50	21° 8	16°45	15°12	27°18	12°42	13°51	2°18	0°32	F 12
S 13	17 27 11	23° 0'04	4♋54	14°14	5°20	6°15	20° 3	21° 4	16°43	15°12	27°19	12°41	13°48	2°24	0°34	S 13
S 14	17 31 8	23°57'47	16°51	15°40	6°33	6°59	20°16	20°59	16°41	15°12	27°20	12°D41	13°45	2°31	0°37	S 14
M15	17 35 5	24°55'29	28°42	17° 4	7°47	7°43	20°29	20°55	16°38	15°12	27°21	12°41	13°42	2°38	0°39	M15
T 16	17 39 1	25°53'09	10♌29	18°23	9° 1	8°27	20°42	20°50	16°36	15°12	27°23	12°43	13°39	2°44	0°41	T 16
W17	17 42 58	26°50'48	22°18	19°40	10°14	9°11	20°55	20°46	16°34	15°R12	27°24	12°44	13°35	2°51	0°44	W17
T 18	17 46 54	27°48'25	4♍10	20°53	11°28	9°55	21° 8	20°41	16°32	15°12	27°25	12°45	13°32	2°58	0°46	T 18
F 19	17 50 51	28°46'01	16°12	22° 2	12°42	10°39	21°21	20°37	16°29	15°12	27°27	12°46	13°29	3° 4	0°48	F 19
S 20	17 54 47	29°43'36	28°27	23° 8	13°55	11°23	21°34	20°32	16°27	15°12	27°28	12°R47	13°26	3°11	0°50	S 20
S 21	17 58 44	0♋41'10	11♎ 0	24°10	15° 9	12° 6	21°47	20°28	16°25	15°12	27°29	12°46	13°23	3°18	0°52	S 21
M22	18 2 40	1°38'42	23°55	25° 9	16°22	12°50	22° 1	20°24	16°22	15°12	27°31	12°46	13°20	3°24	0°54	M22
T 23	18 6 37	2°36'13	7♏15	26° 4	17°36	13°34	22°14	20°19	16°20	15°12	27°32	12°45	13°16	3°31	0°57	T 23
W24	18 10 34	3°33'43	21° 1	26°55	18°49	14°17	22°27	20°15	16°18	15°12	27°34	12°43	13°13	3°38	0°58	W24
T 25	18 14 30	4°31'12	5♐13	27°42	20° 3	15° 1	22°40	20°11	16°15	15°11	27°35	12°42	13°10	3°44	1° 0	T 25
F 26	18 18 27	5°28'39	19°49	28°25	21°16	15°44	22°54	20° 6	16°13	15°11	27°36	12°42	13° 7	3°51	1° 2	F 26
S 27	18 22 23	6°26'06	4♑41	29° 4	22°30	16°27	23° 7	20° 2	16°11	15°11	27°38	12°41	13° 4	3°58	1° 4	S 27
S 28	18 26 20	7°23'32	19°43	29°38	23°43	17°11	23°21	19°58	16° 8	15°10	27°39	12°D41	13° 1	4° 4	1° 6	S 28
M29	18 30 16	8°20'57	4♒47	0♌ 9	24°56	17°54	23°34	19°54	16° 6	15°10	27°41	12°42	12°57	4°11	1° 8	M29
T 30	18 34 13	9♋18'22	19♒43	0♌35	26♋10	18♊37	23♋47	19♐50	16♑ 3	15♓10	27♋42	12♑42	12♑54	4♌17	1♉10	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 1	19s46	1n 9	24n40	1n34	23n 7	0n 9	19n14	0s13	22n11	0n 2	21s12	1n51	22s33	0s21	6s18	0s32	18n14	2s25	22s40	22s31	18n21	11n56	0n33
T 2	22 8	15 17	2 23	24 53	1 41	23 14	0 12	19 25	0 12	22 9	0 2	21 12	1 51	22 33	0 21	6 18	0 32	18 14	2 25	22 40	22 31	18 19	11 57	0 33
W 3	22 16	9 59	3 28	25 3	1 48	23 21	0 14	19 35	0 11	22 8	0 2	21 11	1 51	22 33	0 21	6 18	0 32	18 14	2 25	22 39	22 31	18 17	11 58	0 33
T 4	22 23	4 15	4 19	25 11	1 54	23 27	0 17	19 46	0 11	22 6	0 2	21 11	1 51	22 34	0 21	6 18	0 32	18 14	2 25	22 39	22 32	18 14	11 59	0 33
F 5	22 29	1n34	4 54	25 16	1 59	23 32	0 19	19 56	0 10	22 5	0 2	21 11	1 51	22 34	0 21	6 18	0 32	18 14	2 25	22 39	22 32	18 12	12 0	0 33
S 6	22 35	7 12	5 12	25 19	2 3	23 36	0 22	20 6	0 9	22 3	0 2	21 11	1 51	22 34	0 21	6 18	0 32	18 14	2 25	22 39	22 32	18 10	12 1	0 33
S 7	22 41	12 24	5 12	25 19	2 7	23 40	0 24	20 15	0 9	22 2	0 2	21 10	1 51	22 34	0 21	6 18	0 32	18 14	2 25	22 40	22 33	18 7	12 1	0 33
M 8	22 46	16 56	4 56	25 18	2 9	23 43	0 26	20 25	0 8	22 0	0 3	21 10	1 51	22 35	0 21	6 18	0 32	18 13	2 24	22 40	22 33	18 5	12 2	0 33
T 9	22 51	20 36	4 25	25 14	2 11	23 46	0 29	20 34	0 7	21 58	0 3	21 10	1 51	22 35	0 21	6 17	0 32	18 13	2 24	22 40	22 33	18 3	12 3	0 32
W10	22 55	23 13	3 41	25 9	2 12	23 48	0 31	20 43	0 7	21 56	0 3	21 10	1 51	22 35	0 21	6 17	0 32	18 13	2 24	22 41	22 34	18 1	12 4	0 32
T 11	22 59	24 40	2 48	25 1	2 12	23 49	0 33	20 51	0 6	21 55	0 3	21 10	1 51	22 35	0 21	6 17	0 32	18 13	2 24	22 41	22 34	17 58	12 5	0 32
F 12	23 3	24 53	1 47	24 52	2 12	23 49	0 36	21 0	0 5	21 53	0 3	21 9	1 51	22 36	0 21	6 17	0 32	18 13	2 24	22 41	22 34	17 56	12 6	0 32
S 13	23 6	23 55	0 43	24 41	2 10	23 49	0 38	21 8	0 5	21 51	0 3	21 9	1 51	22 36	0 21	6 17	0 32	18 13	2 24	22 41	22 35	17 54	12 6	0 32
S 14	23 9	21 51	0s23	24 29	2 8	23 48	0 40	21 16	0 4	21 49	0 3	21 9	1 50	22 36	0 21	6 17	0 32	18 13	2 24	22 41	22 35	17 51	12 7	0 32
M15	23 12	18 52	1 27	24 16	2 4	23 46	0 42	21 24	0 3	21 48	0 3	21 9	1 50	22 37	0 21	6 17	0 32	18 12	2 24	22 41	22 35	17 49	12 8	0 32
T 16	23 14	15 7	2 28	24 1	2 0	23 44	0 45	21 32	0 3	21 46	0 3	21 8	1 50	22 37	0 21	6 17	0 32	18 12	2 24	22 41	22 36	17 47	12 9	0 32
W17	23 15	10 48	3 22	23 46	1 56	23 41	0 47	21 39	0 2	21 44	0 3	21 8	1 50	22 37	0 21	6 17	0 32	18 12	2 24	22 41	22 36	17 45	12 9	0 32
T 18	23 16	6 4	4 8	23 29	1 50	23 37	0 49	21 47	0 1	21 42	0 3	21 8	1 50	22 37	0 21	6 17	0 32	18 12	2 24	22 41	22 36	17 42	12 10	0 32
F 19	23 17	1 3	4 44	23 12	1 43	23 32	0 51	21 54	0 1	21 40	0 4	21 8	1 50	22 38	0 21	6 17	0 32	18 12	2 23	22 41	22 37	17 40	12 11	0 32
S 20	23 17	4s 5	5 7	22 54	1 36	23 27	0 53	22 0	0n 0	21 38	0 4	21 8	1 50	22 38	0 21	6 17	0 32	18 12	2 23	22 41	22 37	17 38	12 12	0 32
S 21	23 17	9 11	5 17	22 35	1 28	23 21	0 55	22 7	0 1	21 36	0 4	21 7	1 50	22 38	0 21	6 17	0 32	18 11	2 23	22 41	22 37	17 35	12 12	0 32
M22	23 17	14 3	5 11	22 16	1 19	23 15	0 57	22 13	0 1	21 34	0 4	21 7	1 50	22 39	0 21	6 18	0 32	18 11	2 23	22 41	22 38	17 33	12 13	0 32
T 23	23 16	18 23	4 49	21 56	1 9	23 7	0 59	22 19	0 2	21 32	0 4	21 7	1 50	22 39	0 21	6 18	0 32	18 11	2 23	22 41	22 38	17 31	12 14	0 32
W24	23 14	21 54	4 9	21 36	0 59	22 59	1 1	22 25	0 3	21 30	0 4	21 7	1 50	22 39	0 21	6 18	0 32	18 11	2 23	22 41	22 38	17 28	12 14	0 32
T 25	23 13	24 13	3 13	21 16	0 48	22 51	1 3	22 31	0 3	21 28	0 4	21 7	1 49	22 40	0 21	6 18	0 32	18 11	2 23	22 41	22 39	17 26	12 15	0 32
F 26	23 11	24 57	2 4	20 56	0 36	22 42	1 5	22 36	0 4	21 26	0 4	21 6	1 49	22 40	0 21	6 18	0 32	18 10	2 23	22 41	22 39	17 24	12 15	0 32
S 27	23 8	23 57	0 44	20 36	0 23	22 32	1 7	22 41	0 5	21 24	0 4	21 6	1 49	22 40	0 21	6 18	0 32	18 10	2 23	22 41	22 39	17 21	12 16	0 32
S 28	23 5	21 12	0n39	20 16	0 10	22 21	1 9	22 46	0 6	21 21	0 4	21 6	1 49	22 40	0 21	6 18	0 32	18 10	2 23	22 41	22 39	17 19	12 17	0 32
M29	23 2	17 1	2 0	19 56	0s 4	22 10	1 11	22 51	0 6	21 19	0 4	21 6	1 49	22 41	0 21	6 18	0 32	18 10	2 23	22 41	22 40	17 17	12 17	0 32
T 30	22n58	11s47	3n12	19n36	0s18	21n58	1n12	22n55	0n 7	21n17	0n 5	21s 6	1n49	22s41	0s21	6s19	0s32	18n10	2s23	22s41	22s40	17n14	12n18	0n31

Julian Day Number = 2876838.5, Delta T = 01h14m08s
Ecliptic obliquity = 23°17'21, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°02'48, Lahiri = 40°09'49

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ASTRODIENST EPHEMERIS for the year 3164
geocentric

JULY 3164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 38 9	10♋15'46	4♓25	0♌56	27♋23	19♊20	24♋ 1	19°R46	16°R 1	15°R 9	27♋44	12♑42	12♑51	4♌24	1♉11	W 1
T 2	18 42 6	11°13'09	18°47	1°14	28°37	20° 3	24°14	19♐42	15♑58	15♓ 9	27°45	12°42	12°48	4°31	1°13	T 2
F 3	18 46 3	12°10'32	2♈47	1°26	29°50	20°47	24°28	19°38	15°56	15° 8	27°47	12°42	12°45	4°37	1°14	F 3
S 4	18 49 59	13° 7'55	16°24	1°34	1♌ 3	21°30	24°41	19°34	15°53	15° 8	27°48	12°42	12°41	4°44	1°16	S 4
S 5	18 53 56	14° 5'17	29°39	1°R38	2°17	22°12	24°55	19°30	15°51	15° 7	27°49	12°42	12°38	4°51	1°17	S 5
M 6	18 57 52	15° 2'39	12♉34	1°37	3°30	22°55	25° 8	19°26	15°49	15° 6	27°51	12°43	12°35	4°57	1°19	M 6
T 7	19 1 49	16° 0'01	25°11	1°31	4°43	23°38	25°22	19°22	15°46	15° 6	27°52	12°43	12°32	5° 4	1°20	T 7
W 8	19 5 45	16°57'22	7♊34	1°21	5°56	24°21	25°35	19°19	15°44	15° 5	27°54	12°43	12°29	5°11	1°22	W 8
T 9	19 9 42	17°54'43	19°45	1° 7	7°10	25° 4	25°49	19°15	15°41	15° 5	27°55	12°44	12°26	5°17	1°23	T 9
F 10	19 13 38	18°52'04	1♋47	0°49	8°23	25°46	26° 3	19°11	15°39	15° 4	27°57	12°44	12°22	5°24	1°24	F 10
S 11	19 17 35	19°49'24	13°42	0°28	9°36	26°29	26°16	19° 8	15°36	15° 3	27°58	12°R44	12°19	5°31	1°25	S 11
S 12	19 21 32	20°46'44	25°33	0° 2	10°49	27°12	26°30	19° 4	15°34	15° 2	28° 0	12°44	12°16	5°37	1°27	S 12
M13	19 25 28	21°44'03	7♌21	29♋34	12° 3	27°54	26°43	19° 1	15°31	15° 2	28° 1	12°43	12°13	5°44	1°28	M13
T 14	19 29 25	22°41'22	19° 9	29° 3	13°16	28°36	26°57	18°57	15°29	15° 1	28° 3	12°42	12°10	5°51	1°29	T 14
W15	19 33 21	23°38'41	0♍59	28°30	14°29	29°19	27°11	18°54	15°26	15° 0	28° 4	12°41	12° 7	5°57	1°30	W15
T 16	19 37 18	24°35'59	12°55	27°56	15°42	0♋ 1	27°24	18°51	15°24	14°59	28° 6	12°39	12° 3	6° 4	1°31	T 16
F 17	19 41 14	25°33'16	24°59	27°20	16°55	0°43	27°38	18°48	15°22	14°58	28° 7	12°38	12° 0	6°11	1°32	F 17
S 18	19 45 11	26°30'33	7♎15	26°45	18° 8	1°26	27°52	18°45	15°19	14°57	28° 9	12°36	11°57	6°17	1°33	S 18
S 19	19 49 7	27°27'50	19°46	26° 9	19°21	2° 8	28° 5	18°42	15°17	14°56	28°11	12°35	11°54	6°24	1°33	S 19
M20	19 53 4	28°25'06	2♏37	25°34	20°35	2°50	28°19	18°39	15°14	14°55	28°12	12°D35	11°51	6°31	1°34	M20
T 21	19 57 1	29°22'22	15°51	25° 0	21°48	3°32	28°32	18°36	15°12	14°54	28°14	12°36	11°47	6°37	1°35	T 21
W22	20 0 57	0♌19'37	29°29	24°29	23° 1	4°14	28°46	18°33	15°10	14°53	28°15	12°37	11°44	6°44	1°36	W22
T 23	20 4 54	1°16'52	13♐35	24° 0	24°14	4°56	29° 0	18°30	15° 7	14°52	28°17	12°38	11°41	6°51	1°36	T 23
F 24	20 8 50	2°14'07	28° 5	23°34	25°27	5°38	29°13	18°28	15° 5	14°51	28°18	12°39	11°38	6°57	1°37	F 24
S 25	20 12 47	3°11'22	12♑57	23°12	26°39	6°19	29°27	18°25	15° 3	14°50	28°20	12°R40	11°35	7° 4	1°37	S 25
S 26	20 16 43	4° 8'36	28° 4	22°53	27°52	7° 1	29°41	18°23	15° 1	14°49	28°21	12°39	11°32	7°11	1°38	S 26
M27	20 20 40	5° 5'51	13♒18	22°39	29° 5	7°43	29°54	18°20	14°58	14°48	28°23	12°38	11°28	7°17	1°38	M27
T 28	20 24 37	6° 3'05	28°28	22°30	0♍18	8°24	0♌ 8	18°18	14°56	14°47	28°24	12°35	11°25	7°24	1°38	T 28
W29	20 28 33	7° 0'20	13♓26	22°D25	1°31	9° 6	0°21	18°16	14°54	14°45	28°26	12°32	11°22	7°31	1°39	W29
T 30	20 32 30	7°57'35	28° 3	22°25	2°44	9°47	0°35	18°14	14°52	14°44	28°27	12°29	11°19	7°37	1°39	T 30
F 31	20 36 26	8♌54'50	12♈14	22♋31	3♍57	10♋29	0♌48	18♐12	14♑49	14♓43	28♋29	12♑26	11♑16	7♌44	1♉39	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n54	5s57	4n10	19n17	0s33	21n46	1n14	22n59	0n 8	21n15	0n 5	21s 5	1n49	22s41	0s21	6s19	0s32	18n 9	2s23	22s41	22s40	17n12	12n18	0n31
T 2	22 49	0n 3	4 51	18 58	0 49	21 33	1 16	23 3	0 8	21 13	0 5	21 5	1 49	22 42	0 21	6 19	0 32	18 9	2 22	22 41	22 41	17 10	12 19	0 31
F 3	22 44	5 53	5 13	18 40	1 5	21 19	1 17	23 7	0 9	21 10	0 5	21 5	1 48	22 42	0 21	6 19	0 33	18 9	2 22	22 41	22 41	17 7	12 19	0 31
S 4	22 39	11 17	5 17	18 22	1 21	21 5	1 19	23 11	0 10	21 8	0 5	21 5	1 48	22 42	0 21	6 20	0 33	18 9	2 22	22 41	22 41	17 5	12 20	0 31
S 5	22 33	16 1	5 4	18 5	1 37	20 50	1 20	23 14	0 10	21 6	0 5	21 5	1 48	22 43	0 21	6 20	0 33	18 8	2 22	22 41	22 42	17 2	12 20	0 31
M 6	22 27	19 53	4 36	17 49	1 54	20 34	1 21	23 17	0 11	21 3	0 5	21 5	1 48	22 43	0 21	6 20	0 33	18 8	2 22	22 41	22 42	17 0	12 21	0 31
T 7	22 20	22 44	3 55	17 34	2 11	20 18	1 23	23 20	0 12	21 1	0 5	21 4	1 48	22 43	0 21	6 20	0 33	18 8	2 22	22 41	22 42	16 58	12 21	0 31
W 8	22 13	24 27	3 3	17 20	2 27	20 2	1 24	23 23	0 12	20 59	0 5	21 4	1 48	22 43	0 21	6 21	0 33	18 8	2 22	22 41	22 42	16 55	12 22	0 31
T 9	22 6	24 58	2 4	17 7	2 44	19 44	1 25	23 25	0 13	20 56	0 5	21 4	1 48	22 44	0 21	6 21	0 33	18 8	2 22	22 41	22 43	16 53	12 22	0 31
F 10	21 58	24 17	1 0	16 55	3 0	19 27	1 26	23 27	0 14	20 54	0 5	21 4	1 47	22 44	0 21	6 21	0 33	18 7	2 22	22 41	22 43	16 51	12 22	0 31
S 11	21 50	22 30	0s 5	16 45	3 15	19 9	1 28	23 29	0 14	20 51	0 6	21 4	1 47	22 44	0 21	6 21	0 33	18 7	2 22	22 41	22 43	16 48	12 23	0 31
S 12	21 42	19 45	1 11	16 35	3 30	18 50	1 29	23 31	0 15	20 49	0 6	21 4	1 47	22 45	0 21	6 22	0 33	18 7	2 22	22 41	22 44	16 46	12 23	0 31
M13	21 33	16 11	2 12	16 27	3 45	18 30	1 30	23 32	0 16	20 46	0 6	21 4	1 47	22 45	0 21	6 22	0 33	18 7	2 22	22 41	22 44	16 43	12 24	0 31
T 14	21 24	12 0	3 9	16 20	3 58	18 11	1 30	23 33	0 17	20 44	0 6	21 4	1 47	22 45	0 22	6 22	0 33	18 6	2 22	22 41	22 44	16 41	12 24	0 31
W15	21 14	7 22	3 57	16 15	4 10	17 50	1 31	23 34	0 17	20 41	0 6	21 4	1 47	22 45	0 22	6 23	0 33	18 6	2 22	22 41	22 44	16 39	12 24	0 31
T 16	21 4	2 26	4 35	16 10	4 21	17 30	1 32	23 35	0 18	20 39	0 6	21 3	1 46	22 46	0 22	6 23	0 33	18 6	2 22	22 41	22 45	16 36	12 25	0 31
F 17	20 54	2s38	5 2	16 8	4 31	17 9	1 33	23 36	0 19	20 36	0 6	21 3	1 46	22 46	0 22	6 23	0 33	18 6	2 21	22 42	22 45	16 34	12 25	0 31
S 18	20 43	7 41	5 15	16 6	4 39	16 47	1 33	23 36	0 19	20 34	0 6	21 3	1 46	22 46	0 22	6 24	0 33	18 6	2 21	22 42	22 45	16 31	12 25	0 31
S 19	20 32	12 32	5 14	16 6	4 46	16 25	1 34	23 36	0 20	20 31	0 6	21 3	1 46	22 47	0 22	6 24	0 33	18 5	2 21	22 42	22 46	16 29	12 25	0 31
M20	20 21	16 58	4 57	16 7	4 52	16 2	1 35	23 36	0 21	20 28	0 6	21 3	1 46	22 47	0 22	6 25	0 33	18 5	2 21	22 42	22 46	16 27	12 25	0 31
T 21	20 9	20 42	4 25	16 9	4 55	15 39	1 35	23 36	0 21	20 26	0 6	21 3	1 45	22 47	0 22	6 25	0 33	18 5	2 21	22 42	22 46	16 24	12 26	0 31
W22	19 57	23 26	3 37	16 12	4 58	15 16	1 35	23 35	0 22	20 23	0 7	21 3	1 45	22 47	0 22	6 25	0 33	18 5	2 21	22 42	22 46	16 22	12 26	0 31
T 23	19 45	24 50	2 34	16 17	4 58	14 52	1 36	23 35	0 23	20 20	0 7	21 3	1 45	22 48	0 22	6 26	0 33	18 4	2 21	22 42	22 47	16 19	12 26	0 30
F 24	19 32	24 36	1 20	16 22	4 57	14 28	1 36	23 34	0 23	20 18	0 7	21 3	1 45	22 48	0 22	6 26	0 33	18 4	2 21	22 41	22 47	16 17	12 26	0 30
S 25	19 19	22 38	0n 2	16 28	4 54	14 3	1 36	23 32	0 24	20 15	0 7	21 3	1 45	22 48	0 22	6 27	0 33	18 4	2 21	22 41	22 47	16 14	12 26	0 30
S 26	19 6	19 3	1 24	16 35	4 50	13 39	1 36	23 31	0 25	20 12	0 7	21 3	1 45	22 48	0 22	6 27	0 33	18 4	2 21	22 41	22 48	16 12	12 26	0 30
M27	18 52	14 9	2 41	16 43	4 45	13 13	1 36	23 29	0 25	20 9	0 7	21 3	1 44	22 49	0 22	6 28	0 33	18 3	2 21	22 42	22 48	16 10	12 27	0 30
T 28	18 39	8 23	3 46	16 51	4 38	12 48	1 36	23 27	0 26	20 7	0 7	21 3	1 44	22 49	0 22	6 28	0 33	18 3	2 21	22 42	22 48	16 7	12 27	0 30
W29	18 24	2 14	4 35	17 0	4 30	12 22	1 36	23 25	0 27	20 4	0 7	21 3	1 44	22 49	0 22	6 29	0 33	18 3	2 21	22 42	22 48	16 5	12 27	0 30
T 30	18 10	3n53	5 4	17 9	4 21	11 56	1 36	23 23	0 27	20 1	0 7	21 3	1 44	22 49	0 22	6 29	0 33	18 3	2 21	22 42	22 49	16 2	12 27	0 30
F 31	17n55	9n38	5n14	17n18	4s11	11n29	1n36	23n21	0n28	19n58	0n 7	21s 3	1n43	22s50	0s22	6s30	0s33	18n 2	2s21	22s43	22s49	16n 0	12n27	0n30

Julian Day Number = 2876868.5, Delta T = 01h14m09s
Ecliptic obliquity = 23°17'21, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°02'53, Lahiri = 40°09'53

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ASTRODIENST EPHEMERIS for the year 3164
geocentric

AUGUST 3164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 40 23	9♌52'06	25♈57	22♋42	5♍ 9	11♋10	1♌ 2	18°R10	14°R47	14°R42	28♋30	12°R24	11♉13	7♌51	1♉39	S 1
S 2	20 44 19	10°49'22	9♉14	22°59	6°22	11°52	1°15	18♐ 8	14♉45	14♓40	28°32	12°D23	11° 9	7°57	1°39	S 2
M 3	20 48 16	11°46'39	22° 6	23°20	7°35	12°33	1°29	18° 6	14°43	14°39	28°33	12♉24	11° 6	8° 4	1°R40	M 3
T 4	20 52 12	12°43'57	4♊37	23°48	8°48	13°14	1°42	18° 5	14°41	14°38	28°35	12°25	11° 3	8°11	1°40	T 4
W 5	20 56 9	13°41'15	16°52	24°20	10° 0	13°55	1°56	18° 3	14°39	14°36	28°36	12°27	11° 0	8°17	1°39	W 5
T 6	21 0 6	14°38'34	28°54	24°59	11°13	14°36	2° 9	18° 1	14°37	14°35	28°38	12°28	10°57	8°24	1°39	T 6
F 7	21 4 2	15°35'53	10♋48	25°42	12°26	15°17	2°23	18° 0	14°35	14°34	28°39	12°R29	10°53	8°31	1°39	F 7
S 8	21 7 59	16°33'13	22°37	26°31	13°38	15°58	2°36	17°59	14°33	14°32	28°40	12°28	10°50	8°37	1°39	S 8
S 9	21 11 55	17°30'34	4♌24	27°26	14°51	16°39	2°50	17°58	14°31	14°31	28°42	12°26	10°47	8°44	1°39	S 9
M10	21 15 52	18°27'55	16°12	28°25	16° 3	17°20	3° 3	17°56	14°29	14°30	28°43	12°22	10°44	8°50	1°38	M10
T 11	21 19 48	19°25'16	28° 4	29°30	17°16	18° 1	3°16	17°55	14°27	14°28	28°45	12°17	10°41	8°57	1°38	T 11
W12	21 23 45	20°22'38	10♍ 0	0♌40	18°28	18°42	3°30	17°54	14°25	14°27	28°46	12°11	10°38	9° 4	1°38	W12
T 13	21 27 41	21°20'00	22° 3	1°54	19°41	19°23	3°43	17°54	14°24	14°25	28°48	12° 3	10°34	9°10	1°37	T 13
F 14	21 31 38	22°17'23	4♎14	3°14	20°53	20° 3	3°56	17°53	14°22	14°24	28°49	11°57	10°31	9°17	1°37	F 14
S 15	21 35 35	23°14'46	16°36	4°38	22° 6	20°44	4° 9	17°52	14°20	14°22	28°50	11°51	10°28	9°24	1°36	S 15
S 16	21 39 31	24°12'10	29°11	6° 7	23°18	21°24	4°23	17°52	14°18	14°21	28°52	11°46	10°25	9°30	1°35	S 16
M17	21 43 28	25° 9'34	12♏ 2	7°40	24°30	22° 5	4°36	17°51	14°17	14°19	28°53	11°44	10°22	9°37	1°35	M17
T 18	21 47 24	26° 6'58	25°11	9°18	25°43	22°45	4°49	17°51	14°15	14°18	28°55	11°D43	10°18	9°44	1°34	T 18
W19	21 51 21	27° 4'24	8♐42	10°59	26°55	23°26	5° 2	17°51	14°13	14°16	28°56	11°43	10°15	9°50	1°33	W19
T 20	21 55 17	28° 1'49	22°36	12°44	28° 7	24° 6	5°15	17°50	14°12	14°15	28°57	11°44	10°12	9°57	1°32	T 20
F 21	21 59 14	28°59'15	6♑54	14°32	29°19	24°46	5°28	17°D50	14°10	14°13	28°59	11°R45	10° 9	10° 4	1°32	F 21
S 22	22 3 10	29°56'42	21°33	16°24	0♎32	25°26	5°41	17°50	14° 9	14°11	29° 0	11°45	10° 6	10°10	1°31	S 22
S 23	22 7 7	0♍54'09	6♒31	18°18	1°44	26° 6	5°54	17°50	14° 7	14°10	29° 1	11°43	10° 3	10°17	1°30	S 23
M24	22 11 4	1°51'37	21°39	20°14	2°56	26°46	6° 7	17°51	14° 6	14° 8	29° 3	11°39	9°59	10°24	1°29	M24
T 25	22 15 0	2°49'06	6♓49	22°13	4° 8	27°26	6°20	17°51	14° 5	14° 7	29° 4	11°32	9°56	10°30	1°28	T 25
W26	22 18 57	3°46'36	21°51	24°13	5°20	28° 6	6°32	17°51	14° 3	14° 5	29° 5	11°25	9°53	10°37	1°27	W26
T 27	22 22 53	4°44'07	6♈34	26°15	6°32	28°46	6°45	17°52	14° 2	14° 3	29° 7	11°17	9°50	10°44	1°25	T 27
F 28	22 26 50	5°41'39	20°53	28°17	7°44	29°26	6°58	17°53	14° 1	14° 2	29° 8	11° 9	9°47	10°50	1°24	F 28
S 29	22 30 46	6°39'12	4♉44	0♍20	8°56	0♌ 6	7°10	17°53	14° 0	14° 0	29° 9	11° 3	9°44	10°57	1°23	S 29
S 30	22 34 43	7°36'47	18° 5	2°24	10° 8	0°45	7°23	17°54	13°59	13°59	29°10	11° 0	9°40	11° 4	1°22	S 30
M31	22 38 39	8♍34'23	1♊ 0	4♍27	11♎19	1♌25	7♌36	17♐55	13♉58	13♓57	29♋12	10♉58	9♉37	11♌10	1♉20	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n40	14n43	5n 6	17n27	4s 0	11n 2	1n35	23n18	0n29	19n55	0n 7	21s 3	1n43	22s50	0s22	6s30	0s33	18n 2	2s21	22s43	22s49	15n57	12n27	0n30
S 2	17 25	18 55	4 41	17 36	3 48	10 35	1 35	23 15	0 29	19 53	0 8	21 3	1 43	22 50	0 22	6 31	0 33	18 2	2 21	22 43	22 49	15 55	12 27	0 30
M 3	17 9	22 5	4 2	17 44	3 36	10 8	1 34	23 12	0 30	19 50	0 8	21 3	1 43	22 50	0 22	6 31	0 33	18 2	2 21	22 43	22 50	15 53	12 27	0 30
T 4	16 53	24 5	3 13	17 53	3 23	9 40	1 34	23 9	0 31	19 47	0 8	21 3	1 43	22 51	0 22	6 32	0 33	18 1	2 21	22 43	22 50	15 50	12 27	0 30
W 5	16 37	24 54	2 16	18 1	3 9	9 12	1 33	23 5	0 31	19 44	0 8	21 3	1 42	22 51	0 22	6 32	0 33	18 1	2 21	22 43	22 50	15 48	12 27	0 30
T 6	16 20	24 31	1 14	18 8	2 55	8 44	1 32	23 2	0 32	19 41	0 8	21 3	1 42	22 51	0 22	6 33	0 33	18 1	2 20	22 43	22 50	15 45	12 27	0 30
F 7	16 4	23 0	0 9	18 14	2 40	8 16	1 31	22 58	0 33	19 38	0 8	21 3	1 42	22 51	0 22	6 33	0 33	18 1	2 20	22 42	22 51	15 43	12 26	0 30
S 8	15 47	20 30	0s55	18 20	2 26	7 47	1 31	22 54	0 33	19 35	0 8	21 4	1 42	22 51	0 22	6 34	0 33	18 0	2 20	22 42	22 51	15 40	12 26	0 30
S 9	15 29	17 9	1 57	18 24	2 11	7 19	1 30	22 49	0 34	19 32	0 8	21 4	1 42	22 52	0 22	6 34	0 33	18 0	2 20	22 43	22 51	15 38	12 26	0 30
M10	15 12	13 7	2 54	18 27	1 56	6 50	1 29	22 45	0 35	19 29	0 8	21 4	1 41	22 52	0 22	6 35	0 33	18 0	2 20	22 43	22 52	15 35	12 26	0 30
T 11	14 54	8 35	3 43	18 29	1 41	6 21	1 27	22 40	0 35	19 26	0 8	21 4	1 41	22 52	0 22	6 35	0 33	18 0	2 20	22 44	22 52	15 33	12 26	0 30
W12	14 36	3 43	4 23	18 29	1 26	5 51	1 26	22 35	0 36	19 23	0 9	21 4	1 41	22 52	0 22	6 36	0 33	17 59	2 20	22 44	22 52	15 30	12 26	0 30
T 13	14 18	1s20	4 51	18 27	1 11	5 22	1 25	22 30	0 37	19 20	0 9	21 4	1 41	22 52	0 22	6 37	0 33	17 59	2 20	22 45	22 52	15 28	12 26	0 30
F 14	14 0	6 22	5 7	18 23	0 57	4 52	1 24	22 25	0 37	19 17	0 9	21 4	1 41	22 53	0 22	6 37	0 33	17 59	2 20	22 45	22 53	15 25	12 25	0 29
S 15	13 41	11 14	5 9	18 18	0 42	4 23	1 22	22 20	0 38	19 14	0 9	21 4	1 40	22 53	0 22	6 38	0 33	17 59	2 20	22 46	22 53	15 23	12 25	0 29
S 16	13 22	15 43	4 56	18 10	0 28	3 53	1 21	22 14	0 39	19 11	0 9	21 5	1 40	22 53	0 22	6 38	0 34	17 58	2 20	22 46	22 53	15 21	12 25	0 29
M17	13 3	19 36	4 28	18 0	0 15	3 23	1 19	22 8	0 39	19 8	0 9	21 5	1 40	22 53	0 22	6 39	0 34	17 58	2 20	22 47	22 53	15 18	12 25	0 29
T 18	12 44	22 35	3 45	17 47	0 2	2 53	1 18	22 3	0 40	19 5	0 9	21 5	1 40	22 53	0 22	6 40	0 34	17 58	2 20	22 47	22 53	15 16	12 24	0 29
W19	12 25	24 24	2 49	17 32	0n11	2 23	1 16	21 56	0 41	19 2	0 9	21 5	1 39	22 54	0 22	6 40	0 34	17 58	2 20	22 47	22 54	15 13	12 24	0 29
T 20	12 5	24 47	1 42	17 15	0 23	1 53	1 14	21 50	0 41	18 59	0 9	21 5	1 39	22 54	0 22	6 41	0 34	17 57	2 20	22 46	22 54	15 11	12 24	0 29
F 21	11 45	23 33	0 26	16 54	0 34	1 22	1 12	21 44	0 42	18 56	0 9	21 6	1 39	22 54	0 22	6 41	0 34	17 57	2 20	22 46	22 54	15 8	12 23	0 29
S 22	11 25	20 42	0n53	16 32	0 44	0 52	1 10	21 37	0 43	18 53	0 9	21 6	1 39	22 54	0 22	6 42	0 34	17 57	2 20	22 46	22 54	15 6	12 23	0 29
S 23	11 5	16 26	2 9	16 6	0 54	0 22	1 8	21 30	0 43	18 50	0 10	21 6	1 39	22 54	0 22	6 43	0 34	17 57	2 20	22 47	22 55	15 3	12 22	0 29
M24	10 45	11 4	3 18	15 39	1 3	0s 9	1 6	21 23	0 44	18 47	0 10	21 6	1 38	22 54	0 22	6 43	0 34	17 56	2 20	22 47	22 55	15 1	12 22	0 29
T 25	10 24	5 2	4 13	15 8	1 11	0 39	1 4	21 16	0 45	18 44	0 10	21 7	1 38	22 54	0 22	6 44	0 34	17 56	2 20	22 48	22 55	14 58	12 22	0 29
W26	10 4	1n13	4 49	14 36	1 18	1 9	1 2	21 9	0 45	18 41	0 10	21 7	1 38	22 55	0 21	6 45	0 34	17 56	2 20	22 48	22 55	14 56	12 21	0 29
T 27	9 43	7 16	5 5	14 1	1 25	1 40	1 0	21 2	0 46	18 38	0 10	21 7	1 38	22 55	0 21	6 45	0 34	17 56	2 20	22 49	22 56	14 53	12 21	0 29
F 28	9 22	12 46	5 2	13 24	1 30	2 10	0 57	20 54	0 47	18 35	0 10	21 7	1 37	22 55	0 21	6 46	0 34	17 55	2 20	22 49	22 56	14 51	12 20	0 29
S 29	9 1	17 26	4 41	12 46	1 35	2 40	0 55	20 46	0 47	18 32	0 10	21 8	1 37	22 55	0 21	6 46	0 34	17 55	2 20	22 50	22 56	14 48	12 20	0 29
S 30	8 40	21 2	4 5	12 5	1 38	3 11	0 53	20 39	0 48	18 29	0 10	21 8	1 37	22 55	0 21	6 47	0 34	17 55	2 20	22 50	22 56	14 46	12 19	0 29
M31	8n18	23n27	3n17	11n23	1n41	3s41	0n50	20n31	0n49	18n25	0n10	21s 8	1n37	22s55	0s21	6s48	0s34	17n55	2s20	22s50	22s57	14n43	12n19	0n29

Julian Day Number = 2876899.5, Delta T = 01h14m10s
Ecliptic obliquity = 23°17'21, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°02'57, Lahiri = 40°09'57

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ASTRODIENST EPHEMERIS for the year 3164
geocentric

SEPTEMBER 3164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 42 36	9♍32'00	13♊31	6♍30	12♎31	2♌ 5	7♌48	17♐56	13°R56	13°R55	29♋13	10°D57	9♑34	11♌17	1°R19	T 1
W 2	22 46 32	10°29'39	25°43	8°33	13°43	2°44	8° 1	17°57	13♑55	13♓54	29°14	10♑58	9°31	11°24	1♉17	W 2
T 3	22 50 29	11°27'19	7♋42	10°35	14°55	3°24	8°13	17°58	13°55	13°52	29°15	10°R59	9°28	11°30	1°16	T 3
F 4	22 54 26	12°25'01	19°33	12°36	16° 6	4° 3	8°25	18° 0	13°54	13°50	29°16	10°58	9°24	11°37	1°14	F 4
S 5	22 58 22	13°22'44	1♌21	14°36	17°18	4°42	8°38	18° 1	13°53	13°49	29°17	10°56	9°21	11°44	1°13	S 5
S 6	23 2 19	14°20'28	13° 8	16°35	18°30	5°22	8°50	18° 2	13°52	13°47	29°19	10°52	9°18	11°50	1°11	S 6
M 7	23 6 15	15°18'14	25° 0	18°33	19°41	6° 1	9° 2	18° 4	13°51	13°46	29°20	10°45	9°15	11°57	1°10	M 7
T 8	23 10 12	16°16'01	6♍57	20°30	20°53	6°40	9°14	18° 6	13°50	13°44	29°21	10°35	9°12	12° 4	1° 8	T 8
W 9	23 14 8	17°13'49	19° 3	22°26	22° 4	7°19	9°26	18° 7	13°50	13°42	29°22	10°24	9° 9	12°10	1° 6	W 9
T 10	23 18 5	18°11'39	1♎17	24°20	23°16	7°58	9°38	18° 9	13°49	13°41	29°23	10°11	9° 5	12°17	1° 4	T 10
F 11	23 22 1	19° 9'30	13°42	26°13	24°27	8°37	9°50	18°11	13°49	13°39	29°24	9°59	9° 2	12°24	1° 3	F 11
S 12	23 25 58	20° 7'22	26°17	28° 4	25°38	9°16	10° 2	18°13	13°48	13°37	29°25	9°49	8°59	12°30	1° 1	S 12
S 13	23 29 55	21° 5'16	9♏ 3	29°55	26°50	9°55	10°14	18°15	13°48	13°36	29°26	9°40	8°56	12°37	0°59	S 13
M14	23 33 51	22° 3'11	22° 2	1♎44	28° 1	10°34	10°25	18°18	13°47	13°34	29°27	9°34	8°53	12°44	0°57	M14
T 15	23 37 48	23° 1'07	5♐15	3°31	29°12	11°12	10°37	18°20	13°47	13°32	29°28	9°31	8°50	12°50	0°55	T 15
W16	23 41 44	23°59'04	18°44	5°18	0♏23	11°51	10°49	18°22	13°46	13°31	29°29	9°D30	8°46	12°57	0°53	W16
T 17	23 45 41	24°57'03	2♑30	7° 3	1°34	12°30	11° 0	18°25	13°46	13°29	29°30	9°R30	8°43	13° 4	0°51	T 17
F 18	23 49 37	25°55'03	16°35	8°46	2°45	13° 8	11°12	18°28	13°46	13°28	29°31	9°30	8°40	13°10	0°49	F 18
S 19	23 53 34	26°53'04	0♒58	10°29	3°56	13°47	11°23	18°30	13°46	13°26	29°32	9°28	8°37	13°17	0°47	S 19
S 20	23 57 30	27°51'06	15°36	12°10	5° 7	14°25	11°34	18°33	13°46	13°25	29°33	9°25	8°34	13°24	0°45	S 20
M21	0 1 27	28°49'09	0♓27	13°50	6°18	15° 3	11°45	18°36	13°46	13°23	29°34	9°19	8°30	13°30	0°42	M21
T 22	0 5 24	29°47'14	15°21	15°29	7°29	15°42	11°56	18°39	13°D46	13°21	29°35	9°10	8°27	13°37	0°40	T 22
W23	0 9 20	0♎45'20	0♈11	17° 6	8°40	16°20	12° 7	18°42	13°46	13°20	29°35	8°59	8°24	13°44	0°38	W23
T 24	0 13 17	1°43'28	14°48	18°42	9°50	16°58	12°18	18°45	13°46	13°18	29°36	8°48	8°21	13°50	0°36	T 24
F 25	0 17 13	2°41'38	29° 4	20°17	11° 1	17°36	12°29	18°48	13°46	13°17	29°37	8°37	8°18	13°57	0°33	F 25
S 26	0 21 10	3°39'50	12♉55	21°51	12°12	18°14	12°40	18°52	13°46	13°15	29°38	8°28	8°15	14° 4	0°31	S 26
S 27	0 25 6	4°38'03	26°19	23°24	13°22	18°52	12°51	18°55	13°46	13°14	29°39	8°21	8°11	14°10	0°29	S 27
M28	0 29 3	5°36'19	9♊16	24°56	14°33	19°30	13° 1	18°58	13°46	13°12	29°39	8°17	8° 8	14°17	0°26	M28
T 29	0 32 59	6°34'36	21°49	26°26	15°43	20° 8	13°12	19° 2	13°47	13°11	29°40	8°15	8° 5	14°24	0°24	T 29
W30	0 36 56	7♎32'55	4♋ 3	27♎55	16♏53	20♌46	13♌22	19♐ 6	13♑47	13♓ 9	29♋41	8♑15	8♑ 2	14♌30	0♉22	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n57	24n37	2n22	10n40	1n43	4s11	0n48	20n22	0n49	18n22	0n11	21s 9	1n37	22s55	0s21	6s48	0s34	17n55	2s20	22s50	22s57	14n40	12n18	0n29
W 2	7 35	24 34	1 21	9 56	1 44	4 41	0 45	20 14	0 50	18 19	0 11	21 9	1 36	22 55	0 21	6 49	0 34	17 54	2 20	22 50	22 57	14 38	12 18	0 29
T 3	7 13	23 22	0 18	9 11	1 45	5 11	0 42	20 6	0 51	18 16	0 11	21 9	1 36	22 55	0 21	6 50	0 34	17 54	2 20	22 50	22 57	14 35	12 17	0 28
F 4	6 52	21 7	0s46	8 24	1 45	5 41	0 39	19 57	0 51	18 13	0 11	21 10	1 36	22 55	0 21	6 50	0 34	17 54	2 20	22 50	22 57	14 33	12 17	0 28
S 5	6 30	18 0	1 47	7 38	1 44	6 11	0 37	19 48	0 52	18 10	0 11	21 10	1 36	22 56	0 21	6 51	0 34	17 54	2 20	22 51	22 58	14 30	12 16	0 28
S 6	6 8	14 10	2 43	6 50	1 42	6 41	0 34	19 40	0 53	18 7	0 11	21 10	1 35	22 56	0 21	6 52	0 34	17 53	2 20	22 51	22 58	14 28	12 15	0 28
M 7	5 45	9 46	3 32	6 2	1 40	7 11	0 31	19 31	0 53	18 4	0 11	21 11	1 35	22 56	0 21	6 52	0 34	17 53	2 20	22 51	22 58	14 25	12 15	0 28
T 8	5 23	4 59	4 12	5 14	1 38	7 40	0 28	19 22	0 54	18 1	0 11	21 11	1 35	22 56	0 21	6 53	0 34	17 53	2 20	22 52	22 58	14 23	12 14	0 28
W 9	5 1	0s 1	4 42	4 26	1 34	8 10	0 25	19 12	0 55	17 58	0 11	21 11	1 35	22 56	0 21	6 53	0 34	17 53	2 20	22 53	22 59	14 20	12 14	0 28
T 10	4 38	5 5	4 58	3 38	1 31	8 39	0 22	19 3	0 55	17 55	0 12	21 12	1 35	22 56	0 21	6 54	0 34	17 53	2 20	22 54	22 59	14 18	12 13	0 28
F 11	4 16	10 0	5 1	2 49	1 27	9 8	0 19	18 54	0 56	17 52	0 12	21 12	1 34	22 56	0 21	6 55	0 34	17 52	2 19	22 55	22 59	14 15	12 12	0 28
S 12	3 53	14 35	4 50	2 1	1 22	9 37	0 15	18 44	0 56	17 49	0 12	21 13	1 34	22 56	0 21	6 55	0 34	17 52	2 19	22 56	22 59	14 13	12 11	0 28
S 13	3 31	18 35	4 24	1 13	1 17	10 5	0 12	18 34	0 57	17 46	0 12	21 13	1 34	22 56	0 21	6 56	0 34	17 52	2 19	22 56	22 59	14 10	12 11	0 28
M14	3 8	21 46	3 44	0 25	1 12	10 34	0 9	18 24	0 58	17 43	0 12	21 13	1 34	22 56	0 21	6 57	0 34	17 52	2 19	22 57	23 0	14 8	12 10	0 28
T 15	2 45	23 51	2 51	0s23	1 6	11 2	0 6	18 14	0 58	17 40	0 12	21 14	1 33	22 56	0 21	6 57	0 34	17 52	2 19	22 57	23 0	14 5	12 9	0 28
W16	2 22	24 36	1 48	1 10	1 0	11 30	0 2	18 4	0 59	17 36	0 12	21 14	1 33	22 56	0 21	6 58	0 34	17 51	2 19	22 57	23 0	14 2	12 9	0 28
T 17	2 0	23 53	0 37	1 57	0 54	11 58	0s 1	17 54	1 0	17 33	0 12	21 15	1 33	22 56	0 21	6 58	0 34	17 51	2 19	22 57	23 0	14 0	12 8	0 28
F 18	1 37	21 39	0n37	2 43	0 48	12 25	0 4	17 44	1 0	17 30	0 12	21 15	1 33	22 56	0 21	6 59	0 34	17 51	2 19	22 57	23 0	13 57	12 7	0 28
S 19	1 14	18 1	1 51	3 29	0 41	12 53	0 8	17 34	1 1	17 28	0 13	21 15	1 33	22 56	0 21	7 0	0 34	17 51	2 19	22 57	23 1	13 55	12 6	0 28
S 20	0 51	13 13	2 59	4 15	0 34	13 20	0 11	17 23	1 2	17 25	0 13	21 16	1 32	22 56	0 21	7 0	0 34	17 51	2 19	22 57	23 1	13 52	12 5	0 28
M21	0 28	7 35	3 55	5 0	0 27	13 46	0 15	17 13	1 2	17 22	0 13	21 16	1 32	22 56	0 21	7 1	0 34	17 51	2 19	22 58	23 1	13 50	12 5	0 27
T 22	0 5	1 30	4 36	5 45	0 20	14 13	0 18	17 2	1 3	17 19	0 13	21 17	1 32	22 56	0 21	7 1	0 34	17 50	2 19	22 58	23 1	13 47	12 4	0 27
W23	0s18	4n37	4 57	6 29	0 13	14 39	0 22	16 51	1 4	17 16	0 13	21 17	1 32	22 56	0 21	7 2	0 34	17 50	2 19	22 59	23 1	13 45	12 3	0 27
T 24	0 41	10 24	4 59	7 12	0 5	15 5	0 26	16 40	1 4	17 13	0 13	21 18	1 32	22 56	0 21	7 3	0 34	17 50	2 19	23 0	23 2	13 42	12 2	0 27
F 25	1 4	15 28	4 42	7 55	0s 2	15 30	0 29	16 29	1 5	17 10	0 13	21 18	1 31	22 56	0 21	7 3	0 34	17 50	2 19	23 1	23 2	13 39	12 1	0 27
S 26	1 27	19 34	4 9	8 37	0 10	15 55	0 33	16 18	1 5	17 7	0 13	21 19	1 31	22 56	0 21	7 4	0 34	17 50	2 19	23 1	23 2	13 37	12 0	0 27
S 27	1 50	22 29	3 22	9 19	0 18	16 20	0 36	16 7	1 6	17 4	0 14	21 19	1 31	22 56	0 21	7 4	0 34	17 50	2 19	23 2	23 2	13 34	12 0	0 27
M28	2 13	24 7	2 27	9 59	0 26	16 44	0 40	15 56	1 7	17 1	0 14	21 20	1 31	22 56	0 21	7 5	0 34	17 49	2 19	23 2	23 2	13 32	11 59	0 27
T 29	2 36	24 28	1 26	10 39	0 33	17 9	0 44	15 45	1 7	16 58	0 14	21 20	1 31	22 56	0 21	7 6	0 34	17 49	2 19	23 2	23 3	13 29	11 58	0 27
W30	2s59	23n36	0n22	11s19	0s41	17s32	0s48	15n34	1n 8	16n56	0n14	21s21	1n30	22s56	0s21	7s 6	0s34	17n49	2s19	23s 2	23s 3	13n27	11n57	0n27

Julian Day Number = 2876930.5, Delta T = 01h14m10s
Ecliptic obliquity = 23°17'21, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°03'01, Lahiri = 40°10'02

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ASTRODIENST EPHEMERIS for the year 3164
geocentric

OCTOBER 3164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 40 53	8♎31'17	16♋ 3	29♎23	18♏ 4	21♌23	13♌32	19♐ 9	13♑48	13°R 8	29♋41	8°R15	7♑59	14♌37	0°R19	T 1
F 2	0 44 49	9°29'40	27°54	0♏50	19°14	22° 1	13°42	19°13	13°48	13♓ 6	29°42	8♑14	7°56	14°44	0♉17	F 2
S 3	0 48 46	10°28'06	9♌42	2°16	20°24	22°39	13°53	19°17	13°49	13° 5	29°43	8°11	7°52	14°50	0°14	S 3
S 4	0 52 42	11°26'33	21°32	3°40	21°34	23°16	14° 3	19°21	13°49	13° 4	29°43	8° 6	7°49	14°57	0°12	S 4
M 5	0 56 39	12°25'03	3♍28	5° 4	22°44	23°54	14°12	19°25	13°50	13° 2	29°44	7°58	7°46	15° 4	0° 9	M 5
T 6	1 0 35	13°23'34	15°33	6°26	23°54	24°31	14°22	19°29	13°51	13° 1	29°44	7°48	7°43	15°11	0° 7	T 6
W 7	1 4 32	14°22'07	27°49	7°46	25° 4	25° 8	14°32	19°33	13°51	13° 0	29°45	7°35	7°40	15°17	0° 4	W 7
T 8	1 8 28	15°20'43	10♎17	9° 6	26°14	25°45	14°41	19°38	13°52	12°58	29°46	7°22	7°36	15°24	0° 1	T 8
F 9	1 12 25	16°19'20	22°59	10°24	27°24	26°23	14°51	19°42	13°53	12°57	29°46	7° 9	7°33	15°31	29♈59	F 9
S 10	1 16 21	17°17'59	5♏53	11°40	28°33	27° 0	15° 0	19°46	13°54	12°56	29°47	6°57	7°30	15°37	29°56	S 10
S 11	1 20 18	18°16'40	18°58	12°55	29°43	27°37	15°10	19°51	13°55	12°54	29°47	6°47	7°27	15°44	29°54	S 11
M12	1 24 15	19°15'22	2♐15	14° 9	0♐52	28°14	15°19	19°55	13°56	12°53	29°47	6°40	7°24	15°51	29°51	M12
T 13	1 28 11	20°14'07	15°42	15°21	2° 2	28°50	15°28	20° 0	13°57	12°52	29°48	6°37	7°21	15°57	29°48	T 13
W14	1 32 8	21°12'53	29°19	16°31	3°11	29°27	15°37	20° 5	13°58	12°51	29°48	6°35	7°17	16° 4	29°46	W14
T 15	1 36 4	22°11'40	13♑ 8	17°39	4°20	0♍ 4	15°45	20° 9	13°59	12°49	29°49	6°D35	7°14	16°11	29°43	T 15
F 16	1 40 1	23°10'30	27° 7	18°45	5°30	0°41	15°54	20°14	14° 0	12°48	29°49	6°R35	7°11	16°17	29°40	F 16
S 17	1 43 57	24° 9'20	11♒17	19°49	6°39	1°17	16° 2	20°19	14° 2	12°47	29°49	6°34	7° 8	16°24	29°38	S 17
S 18	1 47 54	25° 8'13	25°37	20°51	7°48	1°54	16°11	20°24	14° 3	12°46	29°50	6°31	7° 5	16°31	29°35	S 18
M19	1 51 50	26° 7'07	10♓ 4	21°50	8°56	2°30	16°19	20°29	14° 4	12°45	29°50	6°25	7° 1	16°37	29°32	M19
T 20	1 55 47	27° 6'03	24°33	22°46	10° 5	3° 6	16°27	20°34	14° 6	12°44	29°50	6°17	6°58	16°44	29°30	T 20
W21	1 59 44	28° 5'00	9♈ 0	23°40	11°14	3°43	16°35	20°40	14° 7	12°43	29°50	6° 7	6°55	16°51	29°27	W21
T 22	2 3 40	29° 4'00	23°16	24°30	12°23	4°19	16°43	20°45	14° 9	12°42	29°51	5°56	6°52	16°57	29°24	T 22
F 23	2 7 37	0♏ 3'01	7♉17	25°17	13°31	4°55	16°51	20°50	14°10	12°41	29°51	5°46	6°49	17° 4	29°21	F 23
S 24	2 11 33	1° 2'04	20°57	26° 0	14°39	5°31	16°58	20°55	14°12	12°40	29°51	5°37	6°46	17°11	29°19	S 24
S 25	2 15 30	2° 1'10	4♊15	26°39	15°48	6° 7	17° 6	21° 1	14°13	12°39	29°51	5°31	6°42	17°17	29°16	S 25
M26	2 19 26	3° 0'18	17° 9	27°13	16°56	6°43	17°13	21° 6	14°15	12°38	29°51	5°27	6°39	17°24	29°13	M26
T 27	2 23 23	3°59'28	29°43	27°43	18° 4	7°18	17°20	21°12	14°17	12°37	29°51	5°D25	6°36	17°31	29°11	T 27
W28	2 27 19	4°58'40	11♋58	28° 7	19°12	7°54	17°27	21°17	14°19	12°36	29°51	5°25	6°33	17°37	29° 8	W28
T 29	2 31 16	5°57'54	23°59	28°26	20°19	8°30	17°34	21°23	14°20	12°35	29°51	5°26	6°30	17°44	29° 5	T 29
F 30	2 35 13	6°57'10	5♌52	28°38	21°27	9° 5	17°41	21°29	14°22	12°35	29°R51	5°R27	6°27	17°51	29° 3	F 30
S 31	2 39 9	7♏56'29	17♌42	28°R43	22♐34	9♍41	17♌48	21♐35	14♑24	12♓34	29♋51	5♑26	6♑23	17♌57	29♈ 0	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s22	21n39	0s41	11s57	0s49	17s55	0s51	15n22	1n 9	16n53	0n14	21s21	1n30	22s56	0s21	7s 7	0s34	17n49	2s19	23s 2	23s 3	13n24	11n56	0n27
F 2	3 44	18 47	1 42	12 35	0 57	18 18	0 55	15 11	1 9	16 50	0 14	21 22	1 30	22 56	0 21	7 7	0 34	17 49	2 19	23 2	23 3	13 21	11 55	0 27
S 3	4 7	15 10	2 38	13 12	1 5	18 41	0 59	14 59	1 10	16 47	0 14	21 22	1 30	22 56	0 21	7 8	0 34	17 49	2 19	23 2	23 3	13 19	11 54	0 27
S 4	4 30	10 57	3 28	13 49	1 13	19 3	1 2	14 47	1 11	16 44	0 14	21 23	1 30	22 56	0 21	7 8	0 34	17 49	2 19	23 3	23 4	13 16	11 53	0 27
M 5	4 53	6 19	4 8	14 24	1 21	19 24	1 6	14 36	1 11	16 42	0 15	21 23	1 29	22 56	0 21	7 9	0 34	17 49	2 19	23 3	23 4	13 14	11 52	0 27
T 6	5 15	1 23	4 38	14 59	1 29	19 46	1 10	14 24	1 12	16 39	0 15	21 24	1 29	22 56	0 21	7 9	0 34	17 48	2 19	23 4	23 4	13 11	11 51	0 26
W 7	5 38	3s40	4 56	15 32	1 36	20 6	1 14	14 12	1 13	16 36	0 15	21 24	1 29	22 55	0 21	7 10	0 34	17 48	2 19	23 4	23 4	13 8	11 50	0 26
T 8	6 0	8 39	5 0	16 5	1 44	20 26	1 17	14 0	1 13	16 34	0 15	21 25	1 29	22 55	0 21	7 10	0 34	17 48	2 19	23 5	23 4	13 6	11 49	0 26
F 9	6 23	13 21	4 49	16 37	1 52	20 46	1 21	13 48	1 14	16 31	0 15	21 25	1 29	22 55	0 21	7 11	0 34	17 48	2 19	23 6	23 5	13 3	11 48	0 26
S 10	6 45	17 32	4 23	17 8	1 59	21 5	1 25	13 36	1 14	16 29	0 15	21 26	1 28	22 55	0 21	7 11	0 34	17 48	2 19	23 6	23 5	13 1	11 47	0 26
S 11	7 7	20 56	3 44	17 38	2 6	21 24	1 28	13 24	1 15	16 26	0 15	21 26	1 28	22 55	0 21	7 12	0 34	17 48	2 19	23 7	23 5	12 58	11 46	0 26
M12	7 30	23 16	2 51	18 7	2 13	21 42	1 32	13 12	1 16	16 23	0 16	21 27	1 28	22 55	0 21	7 12	0 34	17 48	2 19	23 7	23 5	12 55	11 45	0 26
T 13	7 52	24 19	1 48	18 34	2 20	22 0	1 36	13 0	1 16	16 21	0 16	21 27	1 28	22 55	0 21	7 13	0 34	17 48	2 19	23 8	23 5	12 53	11 44	0 26
W14	8 14	23 56	0 38	19 1	2 27	22 17	1 39	12 48	1 17	16 18	0 16	21 28	1 28	22 55	0 21	7 13	0 34	17 48	2 19	23 8	23 5	12 50	11 43	0 26
T 15	8 35	22 4	0n35	19 27	2 34	22 34	1 43	12 35	1 18	16 16	0 16	21 28	1 28	22 55	0 21	7 14	0 34	17 48	2 19	23 8	23 6	12 48	11 42	0 26
F 16	8 57	18 52	1 47	19 51	2 40	22 50	1 47	12 23	1 18	16 14	0 16	21 29	1 27	22 54	0 21	7 14	0 34	17 48	2 19	23 8	23 6	12 45	11 41	0 26
S 17	9 19	14 30	2 53	20 15	2 46	23 5	1 50	12 11	1 19	16 11	0 16	21 29	1 27	22 54	0 21	7 15	0 34	17 47	2 19	23 8	23 6	12 42	11 40	0 26
S 18	9 40	9 18	3 49	20 37	2 52	23 20	1 54	11 58	1 20	16 9	0 16	21 30	1 27	22 54	0 21	7 15	0 34	17 47	2 19	23 8	23 6	12 40	11 39	0 26
M19	10 1	3 33	4 31	20 58	2 57	23 35	1 57	11 46	1 20	16 7	0 16	21 30	1 27	22 54	0 21	7 15	0 34	17 47	2 19	23 8	23 6	12 37	11 38	0 26
T 20	10 23	2n23	4 56	21 17	3 2	23 49	2 1	11 34	1 21	16 4	0 17	21 31	1 27	22 54	0 21	7 16	0 34	17 47	2 19	23 8	23 6	12 35	11 37	0 25
W21	10 44	8 10	5 2	21 35	3 7	24 2	2 4	11 21	1 22	16 2	0 17	21 31	1 27	22 54	0 21	7 16	0 34	17 47	2 19	23 9	23 7	12 32	11 36	0 25
T 22	11 4	13 27	4 49	21 52	3 11	24 14	2 7	11 9	1 22	16 0	0 17	21 32	1 26	22 53	0 21	7 17	0 34	17 47	2 19	23 9	23 7	12 29	11 35	0 25
F 23	11 25	17 56	4 18	22 7	3 15	24 26	2 11	10 56	1 23	15 58	0 17	21 32	1 26	22 53	0 21	7 17	0 34	17 47	2 19	23 10	23 7	12 27	11 34	0 25
S 24	11 46	21 19	3 34	22 20	3 18	24 38	2 14	10 44	1 23	15 55	0 17	21 33	1 26	22 53	0 21	7 17	0 34	17 47	2 19	23 10	23 7	12 24	11 33	0 25
S 25	12 6	23 27	2 38	22 32	3 20	24 49	2 17	10 31	1 24	15 53	0 17	21 33	1 26	22 53	0 21	7 18	0 34	17 47	2 19	23 10	23 7	12 21	11 32	0 25
M26	12 26	24 16	1 36	22 41	3 22	24 59	2 20	10 18	1 25	15 51	0 18	21 34	1 26	22 53	0 21	7 18	0 34	17 47	2 19	23 11	23 7	12 19	11 31	0 25
T 27	12 46	23 48	0 31	22 49	3 23	25 8	2 23	10 6	1 25	15 49	0 18	21 35	1 26	22 53	0 21	7 18	0 34	17 47	2 19	23 11	23 8	12 16	11 30	0 25
W28	13 6	22 10	0s35	22 55	3 23	25 17	2 26	9 53	1 26	15 47	0 18	21 35	1 25	22 52	0 21	7 19	0 34	17 47	2 19	23 11	23 8	12 14	11 29	0 25
T 29	13 26	19 34	1 38	22 58	3 22	25 25	2 29	9 40	1 27	15 45	0 18	21 36	1 25	22 52	0 21	7 19	0 34	17 47	2 19	23 11	23 8	12 11	11 28	0 25
F 30	13 45	16 10	2 36	22 59	3 20	25 33	2 32	9 28	1 27	15 43	0 18	21 36	1 25	22 52	0 21	7 19	0 34	17 47	2 19	23 11	23 8	12 8	11 27	0 25
S 31	14s 4	12n 9	3s27	22s57	3s17	25s40	2s35	9n15	1n28	15n42	0n18	21s37	1n25	22s52	0s21	7s19	0s34	17n47	2s19	23s11	23s 8	12n 6	11n26	0n25

Julian Day Number = 2876960.5, Delta T = 01h14m11s
Ecliptic obliquity = 23°17'21, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°03'05, Lahiri = 40°10'06

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ASTRODIENST EPHEMERIS for the year 3164
geocentric

NOVEMBER 3164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 43 6	8♏55'50	29♌33	28°R41	23♐42	10♍16	17♌54	21♐40	14♑26	12°R33	29°R51	5°R24	6♑20	18♌ 4	28°R57	S 1
M 2	2 47 2	9°55'13	11♍32	28♏31	24°49	10°51	18° 0	21°46	14°28	12♓32	29♋51	5♑19	6°17	18°11	28♈55	M 2
T 3	2 50 59	10°54'39	23°41	28°13	25°56	11°26	18° 6	21°52	14°30	12°32	29°51	5°12	6°14	18°17	28°52	T 3
W 4	2 54 55	11°54'06	6♎ 5	27°47	27° 3	12° 2	18°12	21°58	14°32	12°31	29°51	5° 4	6°11	18°24	28°49	W 4
T 5	2 58 52	12°53'36	18°45	27°12	28°10	12°37	18°18	22° 4	14°34	12°31	29°51	4°54	6° 7	18°31	28°47	T 5
F 6	3 2 48	13°53'07	1♏43	26°28	29°17	13°11	18°24	22°10	14°37	12°30	29°51	4°45	6° 4	18°37	28°44	F 6
S 7	3 6 45	14°52'41	14°57	25°36	0♑23	13°46	18°29	22°16	14°39	12°29	29°51	4°36	6° 1	18°44	28°42	S 7
S 8	3 10 42	15°52'17	28°25	24°37	1°29	14°21	18°35	22°23	14°41	12°29	29°50	4°29	5°58	18°51	28°39	S 8
M 9	3 14 38	16°51'55	12♐ 6	23°31	2°36	14°56	18°40	22°29	14°43	12°28	29°50	4°25	5°55	18°58	28°37	M 9
T 10	3 18 35	17°51'34	25°57	22°20	3°42	15°30	18°45	22°35	14°46	12°28	29°50	4°23	5°52	19° 4	28°34	T 10
W11	3 22 31	18°51'16	9♑56	21° 6	4°47	16° 5	18°50	22°41	14°48	12°27	29°50	4°D23	5°48	19°11	28°32	W11
T 12	3 26 28	19°50'59	23°59	19°50	5°53	16°39	18°54	22°48	14°50	12°27	29°49	4°24	5°45	19°18	28°29	T 12
F 13	3 30 24	20°50'43	8♒ 6	18°35	6°58	17°13	18°59	22°54	14°53	12°27	29°49	4°25	5°42	19°24	28°27	F 13
S 14	3 34 21	21°50'29	22°14	17°23	8° 4	17°47	19° 3	23° 0	14°55	12°26	29°49	4°R26	5°39	19°31	28°24	S 14
S 15	3 38 17	22°50'17	6♓24	16°17	9° 9	18°21	19° 7	23° 7	14°58	12°26	29°48	4°25	5°36	19°38	28°22	S 15
M16	3 42 14	23°50'06	20°32	15°18	10°13	18°55	19°11	23°13	15° 1	12°26	29°48	4°22	5°33	19°44	28°19	M16
T 17	3 46 11	24°49'57	4♈36	14°28	11°18	19°29	19°15	23°20	15° 3	12°26	29°48	4°18	5°29	19°51	28°17	T 17
W18	3 50 7	25°49'50	18°34	13°49	12°22	20° 2	19°19	23°27	15° 6	12°25	29°47	4°12	5°26	19°58	28°15	W18
T 19	3 54 4	26°49'44	2♉23	13°20	13°26	20°36	19°22	23°33	15° 8	12°25	29°47	4° 6	5°23	20° 4	28°12	T 19
F 20	3 58 0	27°49'40	15°58	13° 3	14°30	21° 9	19°25	23°40	15°11	12°25	29°46	4° 0	5°20	20°11	28°10	F 20
S 21	4 1 57	28°49'38	29°18	12°D58	15°34	21°43	19°28	23°46	15°14	12°25	29°46	3°55	5°17	20°18	28° 8	S 21
S 22	4 5 53	29°49'37	12♊21	13° 4	16°37	22°16	19°31	23°53	15°17	12°25	29°45	3°51	5°13	20°24	28° 6	S 22
M23	4 9 50	0♐49'39	25° 5	13°21	17°40	22°49	19°34	24° 0	15°20	12°D25	29°45	3°49	5°10	20°31	28° 3	M23
T 24	4 13 46	1°49'42	7♋33	13°47	18°43	23°22	19°36	24° 7	15°22	12°25	29°44	3°D49	5° 7	20°38	28° 1	T 24
W25	4 17 43	2°49'47	19°46	14°23	19°45	23°55	19°39	24°13	15°25	12°25	29°44	3°50	5° 4	20°44	27°59	W25
T 26	4 21 40	3°49'55	1♌47	15° 7	20°47	24°28	19°41	24°20	15°28	12°25	29°43	3°51	5° 1	20°51	27°57	T 26
F 27	4 25 36	4°50'04	13°41	15°58	21°49	25° 1	19°43	24°27	15°31	12°25	29°42	3°53	4°58	20°58	27°55	F 27
S 28	4 29 33	5°50'15	25°31	16°56	22°50	25°33	19°44	24°34	15°34	12°25	29°42	3°55	4°54	21° 5	27°53	S 28
S 29	4 33 29	6°50'28	7♍23	18° 0	23°52	26° 5	19°46	24°41	15°37	12°25	29°41	3°R55	4°51	21°11	27°51	S 29
M30	4 37 26	7♐50'43	19♍21	19♏ 8	24♑52	26♍38	19♌47	24♐48	15♑40	12♓26	29♋40	3♑54	4♑48	21♌18	27♈49	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s23	7n40	4s 9	22s53	3s13	25s46	2s38	9n 2	1n29	15n40	0n18	21s37	1n25	22s52	0s21	7s20	0s34	17n47	2s19	23s11	23s 8	12n 3	11n25	0n25
M 2	14 42	2 52	4 40	22 45	3 7	25 52	2 41	8 50	1 29	15 38	0 19	21 38	1 25	22 51	0 21	7 20	0 34	17 47	2 19	23 11	23 8	12 0	11 24	0 24
T 3	15 0	2s 6	5 0	22 34	3 0	25 57	2 43	8 37	1 30	15 36	0 19	21 38	1 25	22 51	0 21	7 20	0 34	17 47	2 19	23 11	23 9	11 58	11 23	0 24
W 4	15 19	7 5	5 6	22 19	2 51	26 1	2 46	8 24	1 31	15 35	0 19	21 39	1 24	22 51	0 21	7 21	0 34	17 47	2 19	23 12	23 9	11 55	11 22	0 24
T 5	15 37	11 53	4 57	22 1	2 41	26 5	2 48	8 12	1 31	15 33	0 19	21 39	1 24	22 51	0 21	7 21	0 34	17 47	2 19	23 12	23 9	11 52	11 21	0 24
F 6	15 54	16 16	4 33	21 39	2 29	26 8	2 51	7 59	1 32	15 31	0 19	21 40	1 24	22 50	0 21	7 21	0 34	17 47	2 19	23 12	23 9	11 50	11 20	0 24
S 7	16 12	19 57	3 54	21 13	2 15	26 10	2 53	7 46	1 33	15 30	0 19	21 40	1 24	22 50	0 21	7 21	0 34	17 47	2 19	23 13	23 9	11 47	11 19	0 24
S 8	16 29	22 38	3 1	20 44	1 59	26 12	2 55	7 33	1 33	15 28	0 20	21 41	1 24	22 50	0 21	7 21	0 34	17 47	2 19	23 13	23 9	11 45	11 18	0 24
M 9	16 46	24 2	1 57	20 11	1 42	26 13	2 58	7 21	1 34	15 27	0 20	21 41	1 24	22 50	0 21	7 22	0 34	17 47	2 19	23 13	23 9	11 42	11 17	0 24
T 10	17 3	23 59	0 45	19 35	1 23	26 14	3 0	7 8	1 35	15 26	0 20	21 41	1 24	22 49	0 21	7 22	0 34	17 47	2 19	23 13	23 10	11 39	11 16	0 24
W11	17 19	22 25	0n30	18 57	1 4	26 14	3 1	6 55	1 35	15 24	0 20	21 42	1 23	22 49	0 21	7 22	0 34	17 47	2 19	23 13	23 10	11 37	11 15	0 24
T 12	17 35	19 28	1 44	18 17	0 44	26 13	3 3	6 43	1 36	15 23	0 20	21 42	1 23	22 49	0 21	7 22	0 34	17 47	2 19	23 13	23 10	11 34	11 14	0 24
F 13	17 51	15 21	2 52	17 37	0 23	26 11	3 5	6 30	1 37	15 22	0 20	21 43	1 23	22 49	0 21	7 22	0 34	17 48	2 19	23 13	23 10	11 31	11 13	0 24
S 14	18 7	10 23	3 50	16 57	0 2	26 9	3 7	6 18	1 37	15 21	0 21	21 43	1 23	22 48	0 21	7 22	0 34	17 48	2 19	23 13	23 10	11 29	11 12	0 23
S 15	18 22	4 52	4 34	16 19	0n18	26 6	3 8	6 5	1 38	15 20	0 21	21 44	1 23	22 48	0 21	7 22	0 34	17 48	2 19	23 13	23 10	11 26	11 11	0 23
M16	18 37	0n53	5 1	15 44	0 37	26 3	3 9	5 52	1 39	15 18	0 21	21 44	1 23	22 48	0 21	7 22	0 34	17 48	2 19	23 13	23 10	11 23	11 10	0 23
T 17	18 51	6 34	5 10	15 12	0 55	25 59	3 11	5 40	1 39	15 17	0 21	21 45	1 23	22 47	0 21	7 23	0 34	17 48	2 19	23 13	23 11	11 21	11 10	0 23
W18	19 6	11 52	5 0	14 45	1 11	25 54	3 12	5 27	1 40	15 17	0 21	21 45	1 23	22 47	0 21	7 23	0 34	17 48	2 19	23 13	23 11	11 18	11 9	0 23
T 19	19 20	16 30	4 33	14 23	1 25	25 49	3 13	5 15	1 41	15 16	0 21	21 46	1 23	22 47	0 21	7 23	0 34	17 48	2 19	23 14	23 11	11 15	11 8	0 23
F 20	19 33	20 12	3 51	14 6	1 38	25 43	3 14	5 2	1 41	15 15	0 22	21 46	1 22	22 46	0 21	7 23	0 34	17 48	2 19	23 14	23 11	11 13	11 7	0 23
S 21	19 46	22 45	2 57	13 54	1 49	25 36	3 15	4 50	1 42	15 14	0 22	21 46	1 22	22 46	0 21	7 23	0 34	17 48	2 19	23 14	23 11	11 10	11 6	0 23
S 22	19 59	24 2	1 55	13 47	1 58	25 29	3 15	4 37	1 43	15 13	0 22	21 47	1 22	22 46	0 21	7 23	0 34	17 48	2 19	23 14	23 11	11 7	11 5	0 23
M23	20 12	23 59	0 48	13 45	2 5	25 22	3 16	4 25	1 43	15 13	0 22	21 47	1 22	22 46	0 21	7 23	0 34	17 49	2 19	23 14	23 11	11 5	11 4	0 23
T 24	20 24	22 44	0s20	13 48	2 11	25 14	3 16	4 13	1 44	15 12	0 22	21 48	1 22	22 45	0 21	7 23	0 34	17 49	2 19	23 14	23 11	11 2	11 3	0 23
W25	20 36	20 25	1 26	13 55	2 15	25 5	3 16	4 0	1 45	15 11	0 23	21 48	1 22	22 45	0 21	7 23	0 34	17 49	2 19	23 14	23 12	10 59	11 3	0 23
T 26	20 47	17 14	2 27	14 5	2 17	24 55	3 16	3 48	1 45	15 11	0 23	21 48	1 22	22 45	0 21	7 23	0 34	17 49	2 19	23 14	23 12	10 57	11 2	0 22
F 27	20 58	13 24	3 21	14 18	2 18	24 46	3 16	3 36	1 46	15 11	0 23	21 49	1 22	22 44	0 21	7 23	0 34	17 49	2 19	23 14	23 12	10 54	11 1	0 22
S 28	21 9	9 4	4 7	14 35	2 18	24 35	3 16	3 24	1 47	15 10	0 23	21 49	1 22	22 44	0 21	7 23	0 34	17 49	2 19	23 14	23 12	10 51	11 0	0 22
S 29	21 19	4 23	4 41	14 53	2 17	24 24	3 15	3 12	1 48	15 10	0 23	21 50	1 21	22 43	0 21	7 23	0 34	17 49	2 19	23 14	23 12	10 49	10 59	0 22
M30	21s29	0s29	5s 4	15s14	2n15	24s13	3s15	2n59	1n48	15n10	0n23	21s50	1n21	22s43	0s21	7s22	0s34	17n49	2s19	23s14	23s12	10n46	10n59	0n22

Julian Day Number = 2876991.5, Delta T = 01h14m12s
Ecliptic obliquity = 23°17'20, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°03'10, Lahiri = 40°10'10

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ASTRODIENST EPHEMERIS for the year 3164
geocentric

DECEMBER 3164 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 41 22	8♐51'00	1♎31	20♏21	25♑53	27♍10	19♌48	24♐55	15♑43	12♓26	29°R40	3°R53	4♑45	21♌25	27°R47	T 1
W 2	4 45 19	9°51'19	13°57	21°37	26°53	27°42	19°49	25° 2	15°46	12°26	29♋39	3♑50	4°42	21°31	27♈45	W 2
T 3	4 49 15	10°51'39	26°42	22°57	27°52	28°14	19°50	25° 9	15°49	12°26	29°38	3°46	4°39	21°38	27°44	T 3
F 4	4 53 12	11°52'02	9♏47	24°19	28°51	28°45	19°50	25°16	15°53	12°27	29°37	3°43	4°35	21°45	27°42	F 4
S 5	4 57 9	12°52'26	23°15	25°43	29°50	29°17	19°51	25°23	15°56	12°27	29°37	3°40	4°32	21°51	27°40	S 5
S 6	5 1 5	13°52'52	7♐ 3	27° 9	0♒49	29°48	19°R51	25°30	15°59	12°28	29°36	3°37	4°29	21°58	27°38	S 6
M 7	5 5 2	14°53'20	21° 8	28°37	1°46	0♎20	19°51	25°37	16° 2	12°28	29°35	3°36	4°26	22° 5	27°37	M 7
T 8	5 8 58	15°53'49	5♑27	0♐ 6	2°44	0°51	19°51	25°44	16° 5	12°29	29°34	3°D35	4°23	22°11	27°35	T 8
W 9	5 12 55	16°54'20	19°53	1°36	3°41	1°22	19°50	25°51	16° 9	12°29	29°33	3°36	4°19	22°18	27°34	W 9
T 10	5 16 51	17°54'52	4♒22	3° 7	4°37	1°53	19°50	25°58	16°12	12°30	29°33	3°37	4°16	22°25	27°32	T 10
F 11	5 20 48	18°55'25	18°49	4°38	5°33	2°23	19°49	26° 5	16°15	12°30	29°32	3°38	4°13	22°31	27°31	F 11
S 12	5 24 45	19°55'59	3♓10	6°10	6°28	2°54	19°48	26°12	16°19	12°31	29°31	3°39	4°10	22°38	27°29	S 12
S 13	5 28 41	20°56'34	17°22	7°43	7°23	3°24	19°46	26°19	16°22	12°31	29°30	3°R40	4° 7	22°45	27°28	S 13
M14	5 32 38	21°57'10	1♈23	9°15	8°17	3°54	19°45	26°26	16°25	12°32	29°29	3°39	4° 4	22°52	27°27	M14
T 15	5 36 34	22°57'47	15°12	10°49	9°11	4°24	19°43	26°34	16°29	12°33	29°28	3°39	4° 0	22°58	27°25	T 15
W16	5 40 31	23°58'26	28°47	12°22	10° 3	4°54	19°41	26°41	16°32	12°34	29°27	3°38	3°57	23° 5	27°24	W16
T 17	5 44 27	24°59'05	12♉10	13°55	10°55	5°24	19°39	26°48	16°36	12°34	29°26	3°36	3°54	23°12	27°23	T 17
F 18	5 48 24	25°59'46	25°18	15°29	11°47	5°53	19°37	26°55	16°39	12°35	29°25	3°35	3°51	23°18	27°22	F 18
S 19	5 52 20	27° 0'27	8♊14	17° 2	12°37	6°23	19°35	27° 2	16°43	12°36	29°24	3°35	3°48	23°25	27°21	S 19
S 20	5 56 17	28° 1'10	20°56	18°36	13°27	6°52	19°32	27° 9	16°46	12°37	29°23	3°34	3°45	23°32	27°20	S 20
M21	6 0 14	29° 1'54	3♋25	20°10	14°16	7°21	19°29	27°16	16°50	12°38	29°22	3°D34	3°41	23°38	27°19	M21
T 22	6 4 10	0♑ 2'39	15°42	21°43	15° 4	7°50	19°26	27°23	16°53	12°39	29°21	3°34	3°38	23°45	27°18	T 22
W23	6 8 7	1° 3'25	27°49	23°17	15°52	8°18	19°23	27°31	16°57	12°40	29°20	3°34	3°35	23°52	27°17	W23
T 24	6 12 3	2° 4'13	9♌47	24°51	16°38	8°46	19°20	27°38	17° 0	12°41	29°19	3°35	3°32	23°58	27°16	T 24
F 25	6 16 0	3° 5'01	21°40	26°25	17°23	9°15	19°16	27°45	17° 4	12°42	29°18	3°35	3°29	24° 5	27°15	F 25
S 26	6 19 56	4° 5'51	3♍30	27°58	18° 8	9°43	19°12	27°52	17° 7	12°43	29°17	3°R35	3°25	24°12	27°15	S 26
S 27	6 23 53	5° 6'42	15°21	29°32	18°51	10°10	19° 9	27°59	17°11	12°44	29°15	3°35	3°22	24°19	27°14	S 27
M28	6 27 49	6° 7'34	27°18	1♑ 6	19°33	10°38	19° 4	28° 6	17°14	12°45	29°14	3°34	3°19	24°25	27°14	M28
T 29	6 31 46	7° 8'28	9♎26	2°40	20°15	11° 5	19° 0	28°13	17°18	12°46	29°13	3°D34	3°16	24°32	27°13	T 29
W30	6 35 43	8° 9'22	21°48	4°14	20°55	11°32	18°56	28°20	17°22	12°47	29°12	3°35	3°13	24°39	27°12	W30
T 31	6 39 39	9♑10'18	4♏29	5♑48	21♒33	11♎59	18♌51	28♐27	17♑25	12♓49	29♋11	3♑35	3♑10	24♌45	27♈12	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s38	5s24	5s14	15s36	2n12	24s 1	3s14	2n47	1n49	15n 9	0n24	21s50	1n21	22s43	0s21	7s22	0s34	17n50	2s19	23s14	23s12	10n43	10n58	0n22
W 2	21 47	10 13	5 10	15 59	2 9	23 48	3 13	2 35	1 50	15 9	0 24	21 51	1 21	22 42	0 21	7 22	0 34	17 50	2 19	23 14	23 12	10 41	10 57	0 22
T 3	21 56	14 44	4 50	16 23	2 4	23 36	3 12	2 23	1 50	15 9	0 24	21 51	1 21	22 42	0 21	7 22	0 34	17 50	2 19	23 14	23 12	10 38	10 56	0 22
F 4	22 4	18 41	4 15	16 48	2 0	23 22	3 11	2 12	1 51	15 9	0 24	21 51	1 21	22 42	0 21	7 22	0 34	17 50	2 19	23 14	23 13	10 35	10 56	0 22
S 5	22 12	21 46	3 24	17 13	1 54	23 8	3 9	2 0	1 52	15 9	0 24	21 52	1 21	22 41	0 21	7 22	0 34	17 50	2 19	23 14	23 13	10 33	10 55	0 22
S 6	22 19	23 40	2 21	17 38	1 49	22 54	3 8	1 48	1 53	15 9	0 25	21 52	1 21	22 41	0 21	7 22	0 34	17 50	2 19	23 14	23 13	10 30	10 54	0 22
M 7	22 26	24 8	1 8	18 3	1 43	22 39	3 6	1 36	1 53	15 10	0 25	21 52	1 21	22 41	0 21	7 21	0 34	17 51	2 19	23 14	23 13	10 27	10 54	0 21
T 8	22 33	23 0	0n10	18 28	1 37	22 24	3 4	1 25	1 54	15 10	0 25	21 53	1 21	22 40	0 21	7 21	0 34	17 51	2 19	23 14	23 13	10 25	10 53	0 21
W 9	22 39	20 22	1 29	18 53	1 30	22 9	3 1	1 13	1 55	15 10	0 25	21 53	1 21	22 40	0 21	7 21	0 34	17 51	2 19	23 14	23 13	10 22	10 52	0 21
T 10	22 45	16 25	2 42	19 17	1 23	21 53	2 59	1 2	1 56	15 11	0 25	21 53	1 21	22 39	0 21	7 21	0 34	17 51	2 19	23 14	23 13	10 19	10 52	0 21
F 11	22 50	11 31	3 45	19 41	1 16	21 37	2 56	0 50	1 56	15 11	0 25	21 53	1 20	22 39	0 21	7 21	0 33	17 51	2 19	23 14	23 13	10 17	10 51	0 21
S 12	22 55	6 1	4 33	20 4	1 9	21 20	2 53	0 39	1 57	15 12	0 26	21 54	1 20	22 39	0 21	7 20	0 33	17 52	2 19	23 14	23 13	10 14	10 51	0 21
S 13	22 59	0 17	5 4	20 26	1 2	21 3	2 50	0 27	1 58	15 12	0 26	21 54	1 20	22 38	0 21	7 20	0 33	17 52	2 19	23 14	23 14	10 11	10 50	0 21
M14	23 3	5n23	5 16	20 47	0 55	20 46	2 47	0 16	1 59	15 13	0 26	21 54	1 20	22 38	0 21	7 20	0 33	17 52	2 19	23 14	23 14	10 8	10 49	0 21
T 15	23 6	10 43	5 10	21 8	0 48	20 29	2 44	0 5	1 59	15 13	0 26	21 54	1 20	22 37	0 21	7 20	0 33	17 52	2 19	23 14	23 14	10 6	10 49	0 21
W16	23 9	15 27	4 47	21 28	0 41	20 11	2 40	0s 6	2 0	15 14	0 26	21 55	1 20	22 37	0 21	7 19	0 33	17 53	2 19	23 14	23 14	10 3	10 48	0 21
T 17	23 12	19 19	4 8	21 46	0 33	19 53	2 36	0 17	2 1	15 15	0 27	21 55	1 20	22 36	0 21	7 19	0 33	17 53	2 19	23 14	23 14	10 0	10 48	0 21
F 18	23 14	22 9	3 17	22 4	0 26	19 34	2 32	0 28	2 2	15 16	0 27	21 55	1 20	22 36	0 21	7 19	0 33	17 53	2 19	23 14	23 14	9 58	10 47	0 21
S 19	23 15	23 47	2 16	22 21	0 19	19 16	2 27	0 39	2 2	15 17	0 27	21 55	1 20	22 36	0 21	7 18	0 33	17 53	2 19	23 14	23 14	9 55	10 47	0 20
S 20	23 16	24 8	1 10	22 36	0 12	18 57	2 22	0 49	2 3	15 18	0 27	21 56	1 20	22 35	0 21	7 18	0 33	17 53	2 19	23 14	23 14	9 52	10 46	0 20
M21	23 17	23 16	0 1	22 51	0 5	18 38	2 17	1 0	2 4	15 19	0 27	21 56	1 20	22 35	0 21	7 18	0 33	17 54	2 19	23 14	23 14	9 50	10 46	0 20
T 22	23 17	21 16	1s 7	23 4	0s 2	18 19	2 12	1 10	2 5	15 20	0 28	21 56	1 20	22 34	0 21	7 17	0 33	17 54	2 19	23 14	23 14	9 47	10 46	0 20
W23	23 17	18 20	2 11	23 16	0 9	18 0	2 7	1 21	2 5	15 21	0 28	21 56	1 20	22 34	0 21	7 17	0 33	17 54	2 19	23 14	23 14	9 44	10 45	0 20
T 24	23 16	14 40	3 8	23 28	0 16	17 40	2 1	1 31	2 6	15 22	0 28	21 56	1 20	22 33	0 21	7 16	0 33	17 54	2 18	23 14	23 15	9 42	10 45	0 20
F 25	23 15	10 27	3 57	23 37	0 23	17 21	1 55	1 42	2 7	15 24	0 28	21 57	1 20	22 33	0 21	7 16	0 33	17 55	2 18	23 14	23 15	9 39	10 45	0 20
S 26	23 14	5 53	4 35	23 46	0 30	17 1	1 49	1 52	2 8	15 25	0 28	21 57	1 20	22 33	0 21	7 16	0 33	17 55	2 18	23 14	23 15	9 36	10 44	0 20
S 27	23 11	1 6	5 2	23 53	0 36	16 42	1 42	2 2	2 9	15 26	0 29	21 57	1 20	22 32	0 21	7 15	0 33	17 55	2 18	23 14	23 15	9 33	10 44	0 20
M28	23 9	3s46	5 16	24 0	0 43	16 22	1 35	2 12	2 9	15 28	0 29	21 57	1 20	22 32	0 21	7 15	0 33	17 55	2 18	23 14	23 15	9 31	10 44	0 20
T 29	23 6	8 33	5 16	24 4	0 49	16 2	1 28	2 22	2 10	15 29	0 29	21 57	1 20	22 31	0 21	7 14	0 33	17 56	2 18	23 14	23 15	9 28	10 43	0 20
W30	23 2	13 6	5 2	24 8	0 55	15 42	1 20	2 31	2 11	15 31	0 29	21 57	1 19	22 31	0 21	7 14	0 33	17 56	2 18	23 14	23 15	9 25	10 43	0 19
T 31	22s58	17s13	4s33	24s10	1s 1	15s22	1s12	2s41	2n12	15n33	0n29	21s57	1n19	22s30	0s21	7s13	0s33	17n56	2s18	23s14	23s15	9n23	10n43	0n19

Julian Day Number = 2877021.5, Delta T = 01h14m12s
Ecliptic obliquity = 23°17'19, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°03'14, Lahiri = 40°10'14

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3165
geocentric

JANUARY 3165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 43 36	10♑11'15	17♏33	7♑22	22♒11	12♎26	18°R46	28♐34	17♑29	12♓50	29°R10	3♑36	3♑ 6	24♌52	27°R12	F 1
S 2	6 47 32	11°12'13	1♐ 2	8°56	22°47	12°52	18♌41	28°41	17°32	12°51	29♋ 9	3°36	3° 3	24°59	27♈11	S 2
S 3	6 51 29	12°13'12	14°57	10°30	23°22	13°18	18°36	28°48	17°36	12°53	29° 7	3°37	3° 0	25° 5	27°11	S 3
M 4	6 55 25	13°14'12	29°16	12° 5	23°56	13°44	18°31	28°55	17°40	12°54	29° 6	3°R37	2°57	25°12	27°11	M 4
T 5	6 59 22	14°15'13	13♑55	13°39	24°28	14°10	18°25	29° 2	17°43	12°55	29° 5	3°37	2°54	25°19	27°11	T 5
W 6	7 3 18	15°16'14	28°47	15°14	24°58	14°35	18°20	29° 9	17°47	12°57	29° 4	3°36	2°51	25°25	27°11	W 6
T 7	7 7 15	16°17'16	13♒44	16°49	25°27	15° 0	18°14	29°16	17°51	12°58	29° 3	3°35	2°47	25°32	27°10	T 7
F 8	7 11 12	17°18'18	28°39	18°24	25°54	15°25	18° 8	29°23	17°54	13° 0	29° 1	3°33	2°44	25°39	27°D10	F 8
S 9	7 15 8	18°19'20	13♓22	19°59	26°20	15°50	18° 2	29°30	17°58	13° 1	29° 0	3°32	2°41	25°46	27°11	S 9
S 10	7 19 5	19°20'23	27°50	21°34	26°43	16°14	17°56	29°37	18° 2	13° 2	28°59	3°30	2°38	25°52	27°11	S 10
M11	7 23 1	20°21'26	11♈57	23°10	27° 5	16°38	17°49	29°44	18° 5	13° 4	28°58	3°29	2°35	25°59	27°11	M11
T 12	7 26 58	21°22'29	25°43	24°46	27°25	17° 2	17°43	29°51	18° 9	13° 6	28°57	3°D29	2°31	26° 6	27°11	T 12
W13	7 30 54	22°23'32	9♉ 8	26°22	27°43	17°25	17°36	29°57	18°12	13° 7	28°55	3°30	2°28	26°12	27°11	W13
T 14	7 34 51	23°24'36	22°14	27°58	27°59	17°48	17°29	0♑ 4	18°16	13° 9	28°54	3°31	2°25	26°19	27°12	T 14
F 15	7 38 47	24°25'39	5♊ 3	29°35	28°12	18°11	17°23	0°11	18°20	13°10	28°53	3°33	2°22	26°26	27°12	F 15
S 16	7 42 44	25°26'43	17°38	1♒12	28°24	18°33	17°16	0°18	18°23	13°12	28°52	3°34	2°19	26°32	27°12	S 16
S 17	7 46 41	26°27'47	0♋ 1	2°49	28°33	18°56	17° 9	0°24	18°27	13°14	28°50	3°R35	2°16	26°39	27°13	S 17
M18	7 50 37	27°28'51	12°14	4°26	28°40	19°17	17° 1	0°31	18°31	13°15	28°49	3°35	2°12	26°46	27°14	M18
T 19	7 54 34	28°29'55	24°19	6° 3	28°45	19°39	16°54	0°38	18°34	13°17	28°48	3°33	2° 9	26°53	27°14	T 19
W20	7 58 30	29°30'59	6♌18	7°41	28°R47	20° 0	16°47	0°44	18°38	13°19	28°47	3°30	2° 6	26°59	27°15	W20
T 21	8 2 27	0♒32'03	18°12	9°19	28°46	20°21	16°39	0°51	18°41	13°21	28°45	3°26	2° 3	27° 6	27°16	T 21
F 22	8 6 23	1°33'07	0♍ 4	10°57	28°44	20°41	16°32	0°57	18°45	13°23	28°44	3°21	2° 0	27°13	27°16	F 22
S 23	8 10 20	2°34'12	11°54	12°35	28°38	21° 1	16°24	1° 4	18°48	13°24	28°43	3°15	1°57	27°19	27°17	S 23
S 24	8 14 17	3°35'16	23°47	14°13	28°30	21°21	16°16	1°10	18°52	13°26	28°42	3°10	1°53	27°26	27°18	S 24
M25	8 18 13	4°36'21	5♎44	15°52	28°20	21°40	16° 9	1°16	18°56	13°28	28°40	3° 6	1°50	27°33	27°19	M25
T 26	8 22 10	5°37'26	17°49	17°30	28° 7	21°59	16° 1	1°23	18°59	13°30	28°39	3° 3	1°47	27°39	27°20	T 26
W27	8 26 6	6°38'31	0♏ 7	19° 8	27°52	22°18	15°53	1°29	19° 3	13°32	28°38	3° 1	1°44	27°46	27°21	W27
T 28	8 30 3	7°39'36	12°42	20°45	27°34	22°36	15°45	1°35	19° 6	13°34	28°37	3°D 1	1°41	27°53	27°22	T 28
F 29	8 33 59	8°40'42	25°38	22°22	27°14	22°54	15°37	1°41	19°10	13°36	28°35	3° 2	1°37	27°59	27°23	F 29
S 30	8 37 56	9°41'48	8♐59	23°59	26°52	23°11	15°29	1°48	19°13	13°38	28°34	3° 4	1°34	28° 6	27°24	S 30
S 31	8 41 52	10♒42'53	22♐47	25♒35	26♒28	23♎28	15♌21	1♑54	19♑17	13♓40	28♋33	3♑ 5	1♑31	28♌13	27♈26	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s54	20s37	3s49	24s12	1s 7	15s 3	1s 4	2s51	2n13	15n34	0n29	21s57	1n19	22s30	0s21	7s13	0s33	17n57	2s18	23s14	23s15	9n20	10n43	0n19
S 2	22 49	23 2	2 51	24 11	1 12	14 43	0 56	3 0	2 13	15 36	0 30	21 58	1 19	22 29	0 21	7 12	0 33	17 57	2 18	23 14	23 15	9 17	10 42	0 19
S 3	22 44	24 8	1 42	24 10	1 17	14 23	0 47	3 9	2 14	15 38	0 30	21 58	1 19	22 29	0 21	7 12	0 33	17 57	2 18	23 14	23 15	9 15	10 42	0 19
M 4	22 38	23 41	0 24	24 7	1 23	14 4	0 38	3 19	2 15	15 40	0 30	21 58	1 19	22 28	0 21	7 11	0 33	17 57	2 18	23 14	23 15	9 12	10 42	0 19
T 5	22 32	21 38	0n57	24 3	1 28	13 44	0 29	3 28	2 16	15 41	0 30	21 58	1 19	22 28	0 21	7 11	0 33	17 58	2 18	23 14	23 15	9 9	10 42	0 19
W 6	22 25	18 4	2 15	23 57	1 32	13 25	0 19	3 37	2 17	15 43	0 30	21 58	1 19	22 28	0 21	7 10	0 33	17 58	2 18	23 14	23 15	9 6	10 42	0 19
T 7	22 18	13 20	3 24	23 50	1 37	13 6	0 9	3 45	2 18	15 45	0 31	21 58	1 19	22 27	0 21	7 10	0 33	17 58	2 18	23 14	23 16	9 4	10 42	0 19
F 8	22 11	7 48	4 20	23 42	1 41	12 47	0n 2	3 54	2 19	15 47	0 31	21 58	1 19	22 27	0 21	7 9	0 33	17 59	2 18	23 14	23 16	9 1	10 42	0 19
S 9	22 3	1 55	4 57	23 33	1 45	12 28	0 13	4 3	2 19	15 49	0 31	21 58	1 19	22 26	0 21	7 9	0 33	17 59	2 18	23 15	23 16	8 58	10 41	0 19
S 10	21 54	3n58	5 15	23 22	1 49	12 9	0 24	4 11	2 20	15 51	0 31	21 58	1 19	22 26	0 21	7 8	0 33	17 59	2 18	23 15	23 16	8 56	10 41	0 18
M11	21 45	9 30	5 13	23 10	1 53	11 51	0 35	4 19	2 21	15 53	0 31	21 58	1 19	22 25	0 21	7 7	0 33	17 59	2 18	23 15	23 16	8 53	10 41	0 18
T 12	21 36	14 25	4 53	22 56	1 56	11 33	0 47	4 28	2 22	15 56	0 31	21 58	1 19	22 25	0 21	7 7	0 33	18 0	2 18	23 15	23 16	8 50	10 41	0 18
W13	21 26	18 31	4 17	22 41	1 59	11 16	0 59	4 36	2 23	15 58	0 32	21 58	1 19	22 24	0 21	7 6	0 33	18 0	2 18	23 15	23 16	8 47	10 41	0 18
T 14	21 16	21 35	3 29	22 25	2 1	10 59	1 12	4 44	2 24	16 0	0 32	21 58	1 19	22 24	0 21	7 6	0 33	18 0	2 18	23 15	23 16	8 45	10 41	0 18
F 15	21 6	23 29	2 31	22 8	2 4	10 42	1 24	4 51	2 25	16 2	0 32	21 58	1 19	22 23	0 21	7 5	0 33	18 1	2 18	23 14	23 16	8 42	10 42	0 18
S 16	20 55	24 10	1 27	21 49	2 6	10 26	1 38	4 59	2 26	16 4	0 32	21 58	1 19	22 23	0 21	7 4	0 33	18 1	2 17	23 14	23 16	8 39	10 42	0 18
S 17	20 44	23 37	0 20	21 28	2 7	10 10	1 51	5 6	2 26	16 7	0 32	21 58	1 19	22 22	0 21	7 4	0 33	18 1	2 17	23 14	23 16	8 37	10 42	0 18
M18	20 32	21 57	0s47	21 7	2 8	9 55	2 5	5 14	2 27	16 9	0 32	21 58	1 19	22 22	0 21	7 3	0 33	18 1	2 17	23 14	23 16	8 34	10 42	0 18
T 19	20 20	19 17	1 52	20 44	2 9	9 40	2 19	5 21	2 28	16 11	0 33	21 58	1 19	22 21	0 21	7 2	0 33	18 2	2 17	23 14	23 16	8 31	10 42	0 18
W20	20 7	15 50	2 50	20 19	2 10	9 26	2 33	5 28	2 29	16 14	0 33	21 58	1 19	22 21	0 21	7 2	0 33	18 2	2 17	23 15	23 16	8 28	10 42	0 18
T 21	19 55	11 46	3 41	19 54	2 10	9 12	2 48	5 35	2 30	16 16	0 33	21 58	1 19	22 20	0 21	7 1	0 33	18 2	2 17	23 15	23 16	8 26	10 42	0 17
F 22	19 41	7 18	4 22	19 27	2 9	8 59	3 2	5 42	2 31	16 19	0 33	21 58	1 19	22 20	0 21	7 0	0 33	18 3	2 17	23 15	23 16	8 23	10 42	0 17
S 23	19 28	2 34	4 51	18 59	2 8	8 47	3 17	5 48	2 32	16 21	0 33	21 58	1 19	22 19	0 21	7 0	0 33	18 3	2 17	23 15	23 16	8 20	10 43	0 17
S 24	19 14	2s16	5 8	18 29	2 7	8 36	3 32	5 55	2 33	16 23	0 33	21 58	1 19	22 19	0 21	6 59	0 33	18 3	2 17	23 15	23 17	8 18	10 43	0 17
M25	18 59	7 2	5 12	17 58	2 5	8 25	3 48	6 1	2 34	16 26	0 33	21 58	1 19	22 19	0 21	6 58	0 33	18 4	2 17	23 15	23 17	8 15	10 43	0 17
T 26	18 45	11 36	5 2	17 26	2 3	8 15	4 3	6 7	2 35	16 28	0 34	21 58	1 19	22 18	0 21	6 58	0 33	18 4	2 17	23 15	23 17	8 12	10 43	0 17
W27	18 30	15 47	4 38	16 53	2 0	8 6	4 18	6 13	2 36	16 31	0 34	21 58	1 19	22 18	0 21	6 57	0 33	18 4	2 17	23 15	23 17	8 9	10 44	0 17
T 28	18 14	19 22	4 1	16 19	1 56	7 57	4 33	6 19	2 36	16 33	0 34	21 58	1 19	22 17	0 21	6 56	0 33	18 5	2 17	23 15	23 17	8 7	10 44	0 17
F 29	17 59	22 7	3 10	15 44	1 52	7 50	4 49	6 24	2 37	16 36	0 34	21 57	1 19	22 17	0 21	6 55	0 33	18 5	2 17	23 15	23 17	8 4	10 44	0 17
S 30	17 43	23 46	2 8	15 7	1 47	7 43	5 4	6 30	2 38	16 38	0 34	21 57	1 19	22 16	0 21	6 55	0 33	18 5	2 17	23 15	23 17	8 1	10 45	0 17
S 31	17s26	24s 1	0s56	14s30	1s41	7s37	5n18	6s35	2n39	16n41	0n34	21s57	1n19	22s16	0s21	6s54	0s33	18n 6	2s17	23s15	23s17	7n58	10n45	0n17

Julian Day Number = 2877052.5, Delta T = 01h14m13s
Ecliptic obliquity = 23°17'19, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°03'18, Lahiri = 40°10'18

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ASTRODIENST EPHEMERIS for the year 3165
geocentric

FEBRUARY 3165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 45 49	11♒43'59	7♑ 4	27♒ 9	26°R 1	23♎44	15°R13	2♑ 0	19♑20	13♓42	28°R32	3°R 5	1♑28	28♌20	27♈27	M 1
T 2	8 49 46	12°45'05	21°46	28°42	25♒33	24° 0	15♌ 5	2° 6	19°23	13°44	28♋31	3♑ 4	1°25	28°26	27°28	T 2
W 3	8 53 42	13°46'10	6♒49	0♓14	25° 2	24°15	14°57	2°12	19°27	13°46	28°29	3° 0	1°22	28°33	27°30	W 3
T 4	8 57 39	14°47'15	22° 3	1°44	24°30	24°30	14°49	2°18	19°30	13°48	28°28	2°55	1°18	28°40	27°31	T 4
F 5	9 1 35	15°48'19	7♓19	3°11	23°57	24°45	14°41	2°23	19°34	13°50	28°27	2°49	1°15	28°46	27°33	F 5
S 6	9 5 32	16°49'23	22°26	4°35	23°23	24°58	14°33	2°29	19°37	13°52	28°26	2°42	1°12	28°53	27°34	S 6
S 7	9 9 28	17°50'26	7♈14	5°55	22°47	25°12	14°25	2°35	19°40	13°54	28°25	2°35	1° 9	29° 0	27°36	S 7
M 8	9 13 25	18°51'28	21°37	7°11	22°11	25°25	14°17	2°41	19°44	13°56	28°24	2°30	1° 6	29° 6	27°37	M 8
T 9	9 17 21	19°52'29	5♉32	8°23	21°34	25°37	14° 9	2°46	19°47	13°58	28°22	2°27	1° 3	29°13	27°39	T 9
W10	9 21 18	20°53'30	18°59	9°28	20°57	25°49	14° 1	2°52	19°50	14° 0	28°21	2°D26	0°59	29°20	27°41	W10
T 11	9 25 15	21°54'30	2♊ 1	10°28	20°20	26° 0	13°53	2°57	19°53	14° 2	28°20	2°27	0°56	29°27	27°43	T 11
F 12	9 29 11	22°55'28	14°42	11°19	19°44	26°11	13°45	3° 3	19°57	14° 4	28°19	2°28	0°53	29°33	27°44	F 12
S 13	9 33 8	23°56'26	27° 6	12° 3	19° 8	26°21	13°37	3° 8	20° 0	14° 7	28°18	2°R29	0°50	29°40	27°46	S 13
S 14	9 37 4	24°57'23	9♋16	12°38	18°32	26°31	13°29	3°13	20° 3	14° 9	28°17	2°29	0°47	29°47	27°48	S 14
M15	9 41 1	25°58'19	21°18	13° 3	17°58	26°39	13°22	3°19	20° 6	14°11	28°16	2°27	0°43	29°53	27°50	M15
T 16	9 44 57	26°59'14	3♌14	13°18	17°25	26°48	13°14	3°24	20° 9	14°13	28°15	2°22	0°40	0♍ 0	27°52	T 16
W17	9 48 54	28° 0'07	15° 6	13°R21	16°53	26°56	13° 6	3°29	20°12	14°15	28°14	2°15	0°37	0° 7	27°54	W17
T 18	9 52 50	29° 1'00	26°57	13°13	16°23	27° 3	12°59	3°34	20°15	14°18	28°12	2° 5	0°34	0°14	27°56	T 18
F 19	9 56 47	0♓ 1'52	8♍49	12°55	15°55	27° 9	12°51	3°39	20°18	14°20	28°11	1°54	0°31	0°20	27°58	F 19
S 20	10 0 44	1° 2'43	20°42	12°25	15°28	27°15	12°44	3°44	20°21	14°22	28°10	1°42	0°28	0°27	28° 1	S 20
S 21	10 4 40	2° 3'33	2♎39	11°44	15° 4	27°20	12°37	3°49	20°24	14°24	28° 9	1°30	0°24	0°34	28° 3	S 21
M22	10 8 37	3° 4'23	14°41	10°54	14°42	27°25	12°30	3°53	20°27	14°27	28° 8	1°20	0°21	0°40	28° 5	M22
T 23	10 12 33	4° 5'11	26°50	9°57	14°23	27°29	12°23	3°58	20°30	14°29	28° 7	1°11	0°18	0°47	28° 7	T 23
W24	10 16 30	5° 5'59	9♏ 9	8°52	14° 5	27°32	12°16	4° 3	20°33	14°31	28° 6	1° 5	0°15	0°54	28°10	W24
T 25	10 20 26	6° 6'45	21°42	7°43	13°50	27°34	12° 9	4° 7	20°36	14°33	28° 5	1° 2	0°12	1° 0	28°12	T 25
F 26	10 24 23	7° 7'31	4♐33	6°32	13°38	27°36	12° 2	4°12	20°38	14°36	28° 5	1°D 1	0° 8	1° 7	28°15	F 26
S 27	10 28 19	8° 8'17	17°44	5°20	13°28	27°37	11°56	4°16	20°41	14°38	28° 4	1° 1	0° 5	1°14	28°17	S 27
S 28	10 32 16	9♓ 9'01	1♑21	4♓ 9	13♒21	27°R37	11♌49	4♑20	20♑44	14♓40	28♋ 3	1°R 2	0♑ 2	1♍21	28♈20	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s10	22s45	0n22	13s52	1s35	7s32	5n33	6s40	2n40	16n43	0n34	21s57	1n19	22s15	0s21	6s53	0s33	18n 6	2s16	23s15	23s17	7n56	10n45	0n17
T 2	16 53	19 54	1 40	13 13	1 28	7 28	5 47	6 45	2 41	16 46	0 35	21 57	1 19	22 15	0 21	6 52	0 33	18 6	2 16	23 15	23 17	7 53	10 46	0 16
W 3	16 35	15 40	2 53	12 34	1 20	7 25	6 1	6 50	2 42	16 48	0 35	21 57	1 19	22 14	0 21	6 52	0 33	18 6	2 16	23 15	23 17	7 50	10 46	0 16
T 4	16 18	10 22	3 54	11 54	1 11	7 22	6 14	6 54	2 43	16 51	0 35	21 57	1 19	22 14	0 21	6 51	0 33	18 7	2 16	23 15	23 17	7 48	10 47	0 16
F 5	16 0	4 27	4 39	11 14	1 2	7 21	6 27	6 59	2 44	16 53	0 35	21 57	1 19	22 13	0 21	6 50	0 33	18 7	2 16	23 16	23 17	7 45	10 47	0 16
S 6	15 42	1n40	5 4	10 34	0 51	7 20	6 40	7 3	2 45	16 56	0 35	21 57	1 19	22 13	0 21	6 49	0 33	18 7	2 16	23 16	23 17	7 42	10 48	0 16
S 7	15 23	7 34	5 8	9 54	0 40	7 21	6 51	7 7	2 46	16 58	0 35	21 56	1 19	22 12	0 21	6 48	0 33	18 8	2 16	23 16	23 17	7 39	10 48	0 16
M 8	15 5	12 53	4 52	9 15	0 28	7 22	7 2	7 10	2 47	17 0	0 35	21 56	1 19	22 12	0 21	6 48	0 33	18 8	2 16	23 16	23 17	7 37	10 49	0 16
T 9	14 46	17 21	4 19	8 37	0 15	7 23	7 12	7 14	2 48	17 3	0 35	21 56	1 19	22 11	0 21	6 47	0 33	18 8	2 16	23 16	23 17	7 34	10 49	0 16
W10	14 26	20 46	3 33	7 59	0 1	7 26	7 21	7 17	2 49	17 5	0 36	21 56	1 19	22 11	0 21	6 46	0 33	18 9	2 16	23 16	23 17	7 31	10 50	0 16
T 11	14 7	23 0	2 37	7 24	0n13	7 29	7 30	7 21	2 50	17 8	0 36	21 56	1 20	22 11	0 21	6 45	0 33	18 9	2 16	23 16	23 17	7 28	10 50	0 16
F 12	13 47	23 59	1 34	6 50	0 29	7 33	7 37	7 23	2 51	17 10	0 36	21 56	1 20	22 10	0 21	6 44	0 33	18 9	2 16	23 16	23 17	7 26	10 51	0 16
S 13	13 27	23 44	0 29	6 18	0 45	7 38	7 44	7 26	2 52	17 12	0 36	21 56	1 20	22 10	0 21	6 44	0 33	18 9	2 16	23 16	23 17	7 23	10 51	0 16
S 14	13 7	22 22	0s36	5 50	1 1	7 43	7 50	7 29	2 53	17 15	0 36	21 55	1 20	22 9	0 21	6 43	0 33	18 10	2 15	23 16	23 17	7 20	10 52	0 15
M15	12 47	19 59	1 39	5 25	1 18	7 48	7 55	7 31	2 53	17 17	0 36	21 55	1 20	22 9	0 21	6 42	0 33	18 10	2 15	23 16	23 17	7 18	10 53	0 15
T 16	12 26	16 46	2 37	5 3	1 35	7 54	7 59	7 33	2 54	17 19	0 36	21 55	1 20	22 8	0 21	6 41	0 33	18 10	2 15	23 16	23 17	7 15	10 53	0 15
W17	12 6	12 53	3 28	4 46	1 53	8 1	8 2	7 35	2 55	17 21	0 36	21 55	1 20	22 8	0 21	6 40	0 33	18 11	2 15	23 16	23 17	7 12	10 54	0 15
T 18	11 45	8 33	4 9	4 33	2 9	8 7	8 4	7 37	2 56	17 24	0 36	21 55	1 20	22 8	0 21	6 39	0 33	18 11	2 15	23 16	23 17	7 9	10 55	0 15
F 19	11 23	3 53	4 40	4 26	2 26	8 14	8 5	7 38	2 57	17 26	0 36	21 54	1 20	22 7	0 21	6 38	0 33	18 11	2 15	23 17	23 17	7 7	10 55	0 15
S 20	11 2	0s55	4 58	4 23	2 41	8 21	8 5	7 39	2 58	17 28	0 36	21 54	1 20	22 7	0 21	6 38	0 33	18 12	2 15	23 17	23 17	7 4	10 56	0 15
S 21	10 41	5 41	5 3	4 25	2 55	8 28	8 5	7 40	2 59	17 30	0 36	21 54	1 20	22 6	0 21	6 37	0 33	18 12	2 15	23 17	23 17	7 1	10 57	0 15
M22	10 19	10 17	4 55	4 32	3 8	8 36	8 4	7 41	3 0	17 32	0 37	21 54	1 20	22 6	0 21	6 36	0 33	18 12	2 15	23 17	23 17	6 58	10 57	0 15
T 23	9 57	14 32	4 34	4 43	3 19	8 43	8 2	7 42	3 1	17 34	0 37	21 54	1 20	22 5	0 22	6 35	0 33	18 12	2 15	23 17	23 17	6 56	10 58	0 15
W24	9 35	18 14	4 0	4 59	3 27	8 50	7 59	7 42	3 1	17 36	0 37	21 54	1 20	22 5	0 22	6 34	0 33	18 13	2 15	23 17	23 17	6 53	10 59	0 15
T 25	9 13	21 11	3 13	5 19	3 33	8 57	7 56	7 42	3 2	17 38	0 37	21 53	1 20	22 5	0 22	6 33	0 33	18 13	2 14	23 17	23 17	6 50	11 0	0 15
F 26	8 50	23 9	2 16	5 41	3 37	9 5	7 52	7 42	3 3	17 40	0 37	21 53	1 20	22 4	0 22	6 33	0 33	18 13	2 14	23 17	23 17	6 48	11 1	0 14
S 27	8 28	23 53	1 10	6 6	3 39	9 12	7 47	7 42	3 4	17 42	0 37	21 53	1 20	22 4	0 22	6 32	0 33	18 14	2 14	23 17	23 17	6 45	11 1	0 14
S 28	8s 5	23s15	0n 2	6s32	3n38	9s18	7n43	7s41	3n 5	17n44	0n37	21s53	1n20	22s 3	0s22	6s31	0s33	18n14	2s14	23s17	23s17	6n42	11n 2	0n14

Julian Day Number = 2877083.5, Delta T = 01h14m13s
Ecliptic obliquity = 23°17'19, Nutation = 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°03'22, Lahiri = 40°10'23

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ASTRODIENST EPHEMERIS for the year 3165
geocentric

MARCH 3165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 36 13	10♓ 9'44	15♉24	3°R 2	13°R16	27°R36	11°R43	4♉25	20♉47	14♓42	28°R 2	1°R 1	29♐59	1♍27	28♈22	M 1
T 2	10 40 9	11°10'27	29°55	1♓59	13°D14	27♎35	11♌37	4°29	20°49	14°45	28♋ 1	0♉58	29°56	1°34	28°25	T 2
W 3	10 44 6	12°11'08	14♒50	1° 2	13♒14	27°33	11°31	4°33	20°52	14°47	28° 0	0°52	29°53	1°41	28°27	W 3
T 4	10 48 2	13°11'48	0♓ 1	0°12	13°16	27°30	11°25	4°37	20°54	14°49	27°59	0°44	29°49	1°47	28°30	T 4
F 5	10 51 59	14°12'27	15°21	29♒29	13°21	27°27	11°19	4°41	20°57	14°51	27°58	0°34	29°46	1°54	28°33	F 5
S 6	10 55 55	15°13'04	0♈36	28°54	13°28	27°22	11°13	4°45	20°59	14°54	27°58	0°22	29°43	2° 1	28°35	S 6
S 7	10 59 52	16°13'40	15°36	28°27	13°38	27°17	11° 8	4°48	21° 2	14°56	27°57	0°12	29°40	2° 7	28°38	S 7
M 8	11 3 48	17°14'15	0♉13	28° 7	13°49	27°11	11° 3	4°52	21° 4	14°58	27°56	0° 3	29°37	2°14	28°41	M 8
T 9	11 7 45	18°14'47	14°20	27°55	14° 3	27° 5	10°57	4°55	21° 7	15° 1	27°55	29♐56	29°34	2°21	28°44	T 9
W10	11 11 41	19°15'19	27°56	27°D51	14°19	26°57	10°52	4°59	21° 9	15° 3	27°55	29°52	29°30	2°28	28°47	W10
T 11	11 15 38	20°15'48	11♊ 4	27°53	14°36	26°49	10°48	5° 2	21°11	15° 5	27°54	29°51	29°27	2°34	28°49	T 11
F 12	11 19 35	21°16'16	23°47	28° 2	14°56	26°40	10°43	5° 6	21°14	15° 7	27°53	29°51	29°24	2°41	28°52	F 12
S 13	11 23 31	22°16'41	6♋ 9	28°17	15°18	26°30	10°39	5° 9	21°16	15°10	27°53	29°51	29°21	2°48	28°55	S 13
S 14	11 27 28	23°17'05	18°16	28°38	15°41	26°20	10°34	5°12	21°18	15°12	27°52	29°49	29°18	2°54	28°58	S 14
M15	11 31 24	24°17'28	0♌13	29° 4	16° 6	26° 8	10°30	5°15	21°20	15°14	27°51	29°46	29°14	3° 1	29° 1	M15
T 16	11 35 21	25°17'48	12° 5	29°35	16°33	25°56	10°26	5°18	21°22	15°16	27°51	29°40	29°11	3° 8	29° 4	T 16
W17	11 39 17	26°18'06	23°54	0♓11	17° 1	25°43	10°23	5°21	21°24	15°19	27°50	29°31	29° 8	3°15	29° 7	W17
T 18	11 43 14	27°18'23	5♍45	0°51	17°31	25°30	10°19	5°24	21°26	15°21	27°50	29°20	29° 5	3°21	29°10	T 18
F 19	11 47 10	28°18'38	17°39	1°36	18° 3	25°15	10°16	5°26	21°28	15°23	27°49	29° 6	29° 2	3°28	29°14	F 19
S 20	11 51 7	29°18'51	29°38	2°23	18°36	25° 0	10°12	5°29	21°30	15°25	27°49	28°51	28°59	3°35	29°17	S 20
S 21	11 55 4	0♈19'03	11♎43	3°15	19°10	24°45	10° 9	5°31	21°32	15°28	27°48	28°37	28°55	3°41	29°20	S 21
M22	11 59 0	1°19'13	23°54	4° 9	19°46	24°28	10° 7	5°34	21°34	15°30	27°48	28°23	28°52	3°48	29°23	M22
T 23	12 2 57	2°19'21	6♏14	5° 6	20°23	24°11	10° 4	5°36	21°35	15°32	27°47	28°13	28°49	3°55	29°26	T 23
W24	12 6 53	3°19'28	18°43	6° 6	21° 2	23°54	10° 2	5°38	21°37	15°34	27°47	28° 5	28°46	4° 2	29°29	W24
T 25	12 10 50	4°19'33	1♐24	7° 9	21°41	23°35	9°59	5°40	21°39	15°36	27°46	28° 0	28°43	4° 8	29°33	T 25
F 26	12 14 46	5°19'36	14°18	8°14	22°22	23°16	9°57	5°42	21°40	15°39	27°46	27°58	28°40	4°15	29°36	F 26
S 27	12 18 43	6°19'39	27°28	9°22	23° 3	22°57	9°55	5°44	21°42	15°41	27°46	27°D57	28°36	4°22	29°39	S 27
S 28	12 22 39	7°19'39	10♑58	10°31	23°46	22°37	9°54	5°46	21°44	15°43	27°45	27°R57	28°33	4°28	29°42	S 28
M29	12 26 36	8°19'39	24°50	11°43	24°30	22°16	9°52	5°48	21°45	15°45	27°45	27°57	28°30	4°35	29°46	M29
T 30	12 30 33	9°19'36	9♒ 5	12°56	25°15	21°55	9°51	5°49	21°46	15°47	27°45	27°54	28°27	4°42	29°49	T 30
W31	12 34 29	10♈19'32	23♒41	14♓12	26♒ 1	21♎34	9♌50	5♉51	21♉48	15♓49	27♋44	27♐48	28♐24	4♍48	29♈52	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s43	21s 9	1n16	6s59	3n34	9s25	7n37	7s40	3n 5	17n45	0n37	21s53	1n20	22s 3	0s22	6s30	0s33	18n14	2s14	23s17	23s17	6n39	11n 3	0n14
T 2	7 20	17 39	2 27	7 27	3 29	9 31	7 31	7 39	3 6	17 47	0 37	21 52	1 20	22 3	0 22	6 29	0 33	18 14	2 14	23 17	23 17	6 37	11 4	0 14
W 3	6 57	12 56	3 30	7 53	3 22	9 37	7 25	7 38	3 7	17 49	0 37	21 52	1 20	22 2	0 22	6 28	0 33	18 15	2 14	23 17	23 17	6 34	11 5	0 14
T 4	6 34	7 20	4 20	8 19	3 13	9 43	7 18	7 36	3 7	17 51	0 37	21 52	1 21	22 2	0 22	6 27	0 33	18 15	2 14	23 17	23 17	6 31	11 6	0 14
F 5	6 11	1 16	4 51	8 43	3 3	9 48	7 11	7 34	3 8	17 52	0 37	21 52	1 21	22 2	0 22	6 26	0 33	18 15	2 14	23 17	23 17	6 28	11 6	0 14
S 6	5 47	4n51	5 1	9 6	2 52	9 53	7 4	7 32	3 9	17 54	0 37	21 52	1 21	22 1	0 22	6 26	0 33	18 15	2 14	23 17	23 17	6 26	11 7	0 14
S 7	5 24	10 34	4 51	9 26	2 40	9 58	6 57	7 30	3 9	17 55	0 37	21 51	1 21	22 1	0 22	6 25	0 33	18 16	2 14	23 17	23 17	6 23	11 8	0 14
M 8	5 1	15 33	4 21	9 45	2 27	10 2	6 49	7 27	3 10	17 57	0 37	21 51	1 21	22 1	0 22	6 24	0 33	18 16	2 13	23 17	23 17	6 20	11 9	0 14
T 9	4 37	19 29	3 36	10 1	2 14	10 6	6 41	7 24	3 10	17 58	0 37	21 51	1 21	22 0	0 22	6 23	0 33	18 16	2 13	23 17	23 17	6 17	11 10	0 14
W10	4 14	22 11	2 40	10 15	2 1	10 10	6 33	7 21	3 11	18 0	0 37	21 51	1 21	22 0	0 22	6 22	0 33	18 16	2 13	23 17	23 17	6 15	11 11	0 14
T 11	3 50	23 34	1 38	10 27	1 48	10 13	6 24	7 18	3 11	18 1	0 37	21 51	1 21	22 0	0 22	6 21	0 33	18 17	2 13	23 17	23 17	6 12	11 12	0 13
F 12	3 26	23 41	0 32	10 36	1 35	10 15	6 16	7 14	3 12	18 2	0 37	21 50	1 21	21 59	0 22	6 20	0 33	18 17	2 13	23 17	23 17	6 9	11 13	0 13
S 13	3 3	22 36	0s33	10 43	1 21	10 17	6 7	7 10	3 12	18 3	0 37	21 50	1 21	21 59	0 22	6 20	0 33	18 17	2 13	23 17	23 17	6 7	11 14	0 13
S 14	2 39	20 28	1 36	10 49	1 8	10 19	5 59	7 6	3 12	18 5	0 37	21 50	1 21	21 59	0 22	6 19	0 33	18 17	2 13	23 17	23 17	6 4	11 15	0 13
M15	2 15	17 29	2 33	10 52	0 55	10 20	5 50	7 2	3 13	18 6	0 37	21 50	1 21	21 58	0 22	6 18	0 33	18 17	2 13	23 17	23 17	6 1	11 16	0 13
T 16	1 51	13 49	3 23	10 53	0 43	10 21	5 41	6 58	3 13	18 7	0 37	21 50	1 21	21 58	0 22	6 17	0 33	18 18	2 13	23 17	23 17	5 58	11 17	0 13
W17	1 28	9 37	4 4	10 52	0 31	10 21	5 32	6 53	3 13	18 8	0 38	21 50	1 21	21 58	0 22	6 16	0 33	18 18	2 13	23 17	23 17	5 56	11 18	0 13
T 18	1 4	5 5	4 35	10 49	0 19	10 20	5 24	6 48	3 13	18 9	0 38	21 49	1 21	21 57	0 22	6 15	0 33	18 18	2 12	23 17	23 17	5 53	11 19	0 13
F 19	0 40	0 21	4 53	10 44	0 7	10 20	5 15	6 43	3 13	18 10	0 38	21 49	1 22	21 57	0 22	6 14	0 33	18 18	2 12	23 17	23 17	5 50	11 20	0 13
S 20	0 16	4s26	4 59	10 37	0s 4	10 18	5 6	6 37	3 13	18 11	0 38	21 49	1 22	21 57	0 22	6 14	0 33	18 19	2 12	23 17	23 17	5 47	11 21	0 13
S 21	0n 8	9 5	4 52	10 29	0 15	10 16	4 57	6 32	3 13	18 11	0 38	21 49	1 22	21 57	0 22	6 13	0 34	18 19	2 12	23 17	23 17	5 45	11 22	0 13
M22	0 31	13 25	4 31	10 19	0 25	10 14	4 48	6 26	3 13	18 12	0 38	21 49	1 22	21 56	0 22	6 12	0 34	18 19	2 12	23 17	23 17	5 42	11 23	0 13
T 23	0 55	17 14	3 57	10 8	0 35	10 11	4 39	6 20	3 13	18 13	0 38	21 49	1 22	21 56	0 22	6 11	0 34	18 19	2 12	23 17	23 17	5 39	11 24	0 13
W24	1 19	20 21	3 11	9 55	0 45	10 7	4 30	6 14	3 12	18 14	0 38	21 48	1 22	21 56	0 22	6 10	0 34	18 19	2 12	23 16	23 17	5 36	11 25	0 12
T 25	1 43	22 31	2 15	9 40	0 54	10 4	4 21	6 8	3 12	18 14	0 38	21 48	1 22	21 56	0 22	6 9	0 34	18 19	2 12	23 16	23 17	5 34	11 26	0 12
F 26	2 6	23 33	1 12	9 24	1 3	9 59	4 13	6 1	3 11	18 15	0 38	21 48	1 22	21 55	0 22	6 9	0 34	18 20	2 12	23 16	23 17	5 31	11 27	0 12
S 27	2 30	23 18	0 3	9 6	1 11	9 54	4 4	5 54	3 11	18 15	0 38	21 48	1 22	21 55	0 22	6 8	0 34	18 20	2 11	23 16	23 17	5 28	11 28	0 12
S 28	2 53	21 42	1n 8	8 47	1 19	9 48	3 55	5 48	3 10	18 16	0 38	21 48	1 22	21 55	0 22	6 7	0 34	18 20	2 11	23 16	23 17	5 26	11 29	0 12
M29	3 17	18 47	2 17	8 27	1 26	9 42	3 47	5 41	3 10	18 16	0 38	21 48	1 22	21 55	0 22	6 6	0 34	18 20	2 11	23 16	23 17	5 23	11 30	0 12
T 30	3 40	14 40	3 19	8 6	1 33	9 36	3 38	5 34	3 9	18 16	0 38	21 47	1 22	21 55	0 22	6 5	0 34	18 20	2 11	23 16	23 17	5 20	11 32	0 12
W31	4n 4	9s36	4n10	7s43	1s40	9s29	3n29	5s26	3n 8	18n17	0n38	21s47	1n22	21s54	0s22	6s 4	0s34	18n20	2s11	23s16	23s17	5n17	11n33	0n12

Julian Day Number = 2877111.5, Delta T = 01h14m14s
Ecliptic obliquity = 23°17'19, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°03'26, Lahiri = 40°10'27

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ASTRODIENST EPHEMERIS for the year 3165
geocentric

APRIL 3165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 38 26	11♈19'27	8♓35	15♓29	26♒47	21°R12	9°R49	5♑52	21♑49	15♓51	27°R44	27°R40	28♐20	4♍55	29♈56	T 1
F 2	12 42 22	12°19'19	23°38	16°48	27°35	20♎50	9♌48	5°54	21°50	15°54	27♋44	27♐30	28°17	5° 2	29°59	F 2
S 3	12 46 19	13°19'10	8♈42	18° 8	28°23	20°27	9°48	5°55	21°52	15°56	27°44	27°19	28°14	5° 9	0♉ 3	S 3
S 4	12 50 15	14°18'59	23°37	19°30	29°12	20° 4	9°47	5°56	21°53	15°58	27°44	27° 8	28°11	5°15	0° 6	S 4
M 5	12 54 12	15°18'46	8♉13	20°54	0♓ 2	19°41	9°D47	5°57	21°54	16° 0	27°43	26°59	28° 8	5°22	0° 9	M 5
T 6	12 58 8	16°18'31	22°23	22°19	0°53	19°18	9°47	5°58	21°55	16° 2	27°43	26°52	28° 5	5°29	0°13	T 6
W 7	13 2 5	17°18'14	6♊ 6	23°45	1°44	18°55	9°48	5°59	21°56	16° 4	27°43	26°48	28° 1	5°35	0°16	W 7
T 8	13 6 1	18°17'55	19°20	25°13	2°36	18°31	9°48	5°59	21°57	16° 6	27°43	26°46	27°58	5°42	0°20	T 8
F 9	13 9 58	19°17'34	2♋ 8	26°43	3°29	18° 8	9°49	6° 0	21°58	16° 8	27°43	26°D46	27°55	5°49	0°23	F 9
S 10	13 13 55	20°17'10	14°35	28°13	4°22	17°44	9°50	6° 0	21°59	16°10	27°43	26°R47	27°52	5°56	0°27	S 10
S 11	13 17 51	21°16'44	26°44	29°46	5°16	17°21	9°51	6° 1	22° 0	16°12	27°D43	26°47	27°49	6° 2	0°30	S 11
M12	13 21 48	22°16'16	8♌42	1♈19	6°10	16°57	9°52	6° 1	22° 0	16°14	27°43	26°45	27°45	6° 9	0°34	M12
T 13	13 25 44	23°15'46	20°34	2°54	7° 5	16°34	9°53	6° 1	22° 1	16°16	27°43	26°42	27°42	6°16	0°37	T 13
W14	13 29 41	24°15'13	2♍24	4°30	8° 0	16°11	9°55	6° 1	22° 2	16°18	27°43	26°35	27°39	6°22	0°40	W14
T 15	13 33 37	25°14'39	14°17	6° 7	8°56	15°48	9°57	6°R 1	22° 2	16°19	27°43	26°27	27°36	6°29	0°44	T 15
F 16	13 37 34	26°14'02	26°14	7°46	9°53	15°25	9°59	6° 1	22° 3	16°21	27°43	26°16	27°33	6°36	0°47	F 16
S 17	13 41 30	27°13'23	8♎20	9°27	10°50	15° 3	10° 1	6° 1	22° 3	16°23	27°43	26° 5	27°30	6°43	0°51	S 17
S 18	13 45 27	28°12'42	20°35	11° 8	11°47	14°41	10° 3	6° 1	22° 4	16°25	27°44	25°54	27°26	6°49	0°54	S 18
M19	13 49 24	29°11'59	3♏ 0	12°51	12°45	14°19	10° 6	6° 0	22° 4	16°27	27°44	25°44	27°23	6°56	0°58	M19
T 20	13 53 20	0♉11'14	15°35	14°35	13°44	13°58	10° 9	6° 0	22° 5	16°29	27°44	25°36	27°20	7° 3	1° 2	T 20
W21	13 57 17	1°10'27	28°21	16°21	14°42	13°37	10°12	5°59	22° 5	16°30	27°44	25°30	27°17	7° 9	1° 5	W21
T 22	14 1 13	2° 9'38	11♐19	18° 8	15°42	13°17	10°15	5°59	22° 5	16°32	27°45	25°27	27°14	7°16	1° 9	T 22
F 23	14 5 10	3° 8'48	24°28	19°57	16°41	12°57	10°18	5°58	22° 5	16°34	27°45	25°D26	27°11	7°23	1°12	F 23
S 24	14 9 6	4° 7'56	7♑50	21°47	17°41	12°38	10°22	5°57	22° 5	16°35	27°45	25°26	27° 7	7°30	1°16	S 24
S 25	14 13 3	5° 7'02	21°26	23°39	18°41	12°19	10°25	5°56	22° 6	16°37	27°45	25°27	27° 4	7°36	1°19	S 25
M26	14 16 59	6° 6'07	5♒16	25°31	19°42	12° 1	10°29	5°55	22°R 6	16°39	27°46	25°R28	27° 1	7°43	1°23	M26
T 27	14 20 56	7° 5'09	19°22	27°26	20°43	11°43	10°33	5°54	22° 6	16°40	27°46	25°27	26°58	7°50	1°26	T 27
W28	14 24 53	8° 4'10	3♓42	29°22	21°44	11°26	10°37	5°52	22° 6	16°42	27°47	25°25	26°55	7°56	1°30	W28
T 29	14 28 49	9° 3'10	18°14	1♉19	22°46	11°10	10°41	5°51	22° 5	16°44	27°47	25°20	26°51	8° 3	1°33	T 29
F 30	14 32 46	10♉ 2'07	2♈52	3♉17	23♓48	10♎55	10♌46	5♑50	22♑ 5	16♓45	27♋47	25♐14	26♐48	8♍10	1♉37	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n27	3s54	4n45	7s19	1s46	9s21	3n21	5s19	3n 7	18n17	0n38	21s47	1n22	21s54	0s22	6s 4	0s34	18n21	2s11	23s16	23s17	5n15	11n34	0n12
F 2	4 50	2n 6	5 0	6 54	1 51	9 13	3 13	5 12	3 6	18 17	0 38	21 47	1 23	21 54	0 22	6 3	0 34	18 21	2 11	23 16	23 17	5 12	11 35	0 12
S 3	5 14	7 57	4 55	6 27	1 57	9 4	3 4	5 5	3 5	18 17	0 38	21 47	1 23	21 54	0 22	6 2	0 34	18 21	2 11	23 16	23 17	5 9	11 36	0 12
S 4	5 37	13 18	4 30	6 0	2 1	8 55	2 56	4 57	3 4	18 17	0 38	21 47	1 23	21 54	0 23	6 1	0 34	18 21	2 11	23 15	23 17	5 6	11 37	0 12
M 5	6 0	17 45	3 47	5 31	2 6	8 46	2 48	4 50	3 3	18 17	0 38	21 47	1 23	21 53	0 23	6 1	0 34	18 21	2 10	23 15	23 17	5 4	11 38	0 12
T 6	6 22	21 1	2 52	5 1	2 10	8 36	2 40	4 42	3 2	18 17	0 38	21 47	1 23	21 53	0 23	6 0	0 34	18 21	2 10	23 15	23 16	5 1	11 39	0 12
W 7	6 45	22 57	1 48	4 30	2 13	8 25	2 32	4 35	3 0	18 17	0 38	21 46	1 23	21 53	0 23	5 59	0 34	18 21	2 10	23 15	23 16	4 58	11 40	0 11
T 8	7 8	23 31	0 39	3 58	2 16	8 14	2 24	4 27	2 59	18 17	0 38	21 46	1 23	21 53	0 23	5 58	0 34	18 22	2 10	23 15	23 16	4 55	11 42	0 11
F 9	7 30	22 48	0s29	3 25	2 19	8 3	2 16	4 20	2 57	18 17	0 37	21 46	1 23	21 53	0 23	5 57	0 34	18 22	2 10	23 15	23 16	4 53	11 43	0 11
S 10	7 53	20 57	1 33	2 52	2 21	7 51	2 9	4 12	2 56	18 17	0 37	21 46	1 23	21 53	0 23	5 57	0 34	18 22	2 10	23 15	23 16	4 50	11 44	0 11
S 11	8 15	18 11	2 32	2 17	2 23	7 39	2 1	4 5	2 54	18 16	0 37	21 46	1 23	21 53	0 23	5 56	0 34	18 22	2 10	23 15	23 16	4 47	11 45	0 11
M12	8 37	14 41	3 24	1 41	2 24	7 26	1 53	3 58	2 52	18 16	0 37	21 46	1 23	21 53	0 23	5 55	0 34	18 22	2 10	23 15	23 16	4 45	11 46	0 11
T 13	8 59	10 39	4 6	1 4	2 25	7 13	1 46	3 51	2 51	18 16	0 37	21 46	1 23	21 53	0 23	5 55	0 34	18 22	2 10	23 15	23 16	4 42	11 47	0 11
W14	9 21	6 14	4 37	0 27	2 25	6 59	1 39	3 43	2 49	18 15	0 37	21 46	1 23	21 52	0 23	5 54	0 34	18 22	2 9	23 15	23 16	4 39	11 48	0 11
T 15	9 42	1 35	4 57	0n12	2 25	6 45	1 32	3 37	2 47	18 15	0 37	21 46	1 24	21 52	0 23	5 53	0 34	18 22	2 9	23 14	23 16	4 36	11 50	0 11
F 16	10 4	3s10	5 4	0 51	2 24	6 31	1 24	3 30	2 45	18 14	0 37	21 46	1 24	21 52	0 23	5 52	0 34	18 22	2 9	23 14	23 16	4 34	11 51	0 11
S 17	10 25	7 50	4 57	1 31	2 23	6 16	1 17	3 23	2 43	18 13	0 37	21 46	1 24	21 52	0 23	5 52	0 34	18 22	2 9	23 14	23 16	4 31	11 52	0 11
S 18	10 46	12 15	4 36	2 12	2 21	6 0	1 11	3 17	2 41	18 13	0 37	21 46	1 24	21 52	0 23	5 51	0 34	18 23	2 9	23 14	23 16	4 28	11 53	0 11
M19	11 7	16 14	4 3	2 54	2 19	5 45	1 4	3 10	2 39	18 12	0 37	21 45	1 24	21 52	0 23	5 50	0 34	18 23	2 9	23 13	23 16	4 25	11 54	0 11
T 20	11 28	19 32	3 17	3 37	2 17	5 29	0 57	3 4	2 36	18 11	0 37	21 45	1 24	21 52	0 23	5 50	0 34	18 23	2 9	23 13	23 16	4 23	11 55	0 11
W21	11 49	21 56	2 20	4 20	2 14	5 12	0 51	2 58	2 34	18 11	0 37	21 45	1 24	21 52	0 23	5 49	0 34	18 23	2 9	23 13	23 16	4 20	11 57	0 11
T 22	12 9	23 14	1 15	5 4	2 10	4 56	0 44	2 53	2 32	18 10	0 37	21 45	1 24	21 52	0 23	5 48	0 34	18 23	2 9	23 13	23 16	4 17	11 58	0 10
F 23	12 29	23 16	0 5	5 48	2 6	4 39	0 38	2 47	2 30	18 9	0 37	21 45	1 24	21 52	0 23	5 48	0 34	18 23	2 8	23 13	23 16	4 15	11 59	0 10
S 24	12 49	21 57	1n 6	6 33	2 2	4 21	0 32	2 42	2 27	18 8	0 37	21 45	1 24	21 52	0 23	5 47	0 34	18 23	2 8	23 13	23 15	4 12	12 0	0 10
S 25	13 9	19 22	2 15	7 19	1 57	4 3	0 26	2 37	2 25	18 7	0 37	21 45	1 24	21 52	0 23	5 47	0 34	18 23	2 8	23 13	23 15	4 9	12 1	0 10
M26	13 28	15 38	3 18	8 5	1 51	3 45	0 20	2 32	2 22	18 6	0 37	21 45	1 24	21 52	0 23	5 46	0 34	18 23	2 8	23 13	23 15	4 6	12 2	0 10
T 27	13 48	10 58	4 9	8 51	1 45	3 27	0 14	2 27	2 20	18 5	0 37	21 45	1 24	21 52	0 23	5 45	0 34	18 23	2 8	23 13	23 15	4 4	12 3	0 10
W28	14 7	5 38	4 46	9 38	1 39	3 8	0 8	2 23	2 17	18 4	0 37	21 45	1 24	21 52	0 23	5 45	0 34	18 23	2 8	23 13	23 15	4 1	12 5	0 10
T 29	14 25	0n 4	5 6	10 25	1 32	2 49	0 2	2 19	2 15	18 2	0 37	21 45	1 24	21 52	0 23	5 44	0 34	18 23	2 8	23 12	23 15	3 58	12 6	0 10
F 30	14n44	5n48	5n 5	11n12	1s25	2s30	0s 3	2s15	2n12	18n 1	0n37	21s45	1n24	21s52	0s23	5s44	0s34	18n23	2s 8	23s12	23s15	3n55	12n 7	0n10

Julian Day Number = 2877142.5, Delta T = 01h14m15s
Ecliptic obliquity = 23°17'19, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°03'30, Lahiri = 40°10'31

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ASTRODIENST EPHEMERIS for the year 3165
geocentric

MAY 3165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 36 42	11♉ 1'03	17♈31	5♉17	24♓50	10°R40	10♌51	5°R48	22°R 5	16♓47	27♋48	25°R 7	26♐45	8♍17	1♉40	S 1
S 2	14 40 39	11°59'57	2♉ 3	7°19	25°53	10♎26	10°55	5♑46	22♑ 5	16°48	27°48	25♐ 0	26°42	8°23	1°43	S 2
M 3	14 44 35	12°58'50	16°22	9°21	26°55	10°12	11° 0	5°45	22° 4	16°50	27°49	24°55	26°39	8°30	1°47	M 3
T 4	14 48 32	13°57'40	0♊21	11°25	27°58	10° 0	11° 5	5°43	22° 4	16°51	27°49	24°50	26°36	8°37	1°50	T 4
W 5	14 52 28	14°56'28	13°58	13°30	29° 2	9°48	11°11	5°41	22° 4	16°52	27°50	24°48	26°32	8°43	1°54	W 5
T 6	14 56 25	15°55'15	27°11	15°36	0♈ 5	9°37	11°16	5°39	22° 3	16°54	27°51	24°D47	26°29	8°50	1°57	T 6
F 7	15 0 22	16°53'59	10♋ 1	17°43	1° 9	9°27	11°22	5°37	22° 3	16°55	27°51	24°48	26°26	8°57	2° 1	F 7
S 8	15 4 18	17°52'41	22°31	19°50	2°13	9°17	11°28	5°35	22° 2	16°57	27°52	24°50	26°23	9° 4	2° 4	S 8
S 9	15 8 15	18°51'21	4♌44	21°58	3°17	9° 9	11°34	5°32	22° 1	16°58	27°52	24°51	26°20	9°10	2° 8	S 9
M10	15 12 11	19°49'59	16°46	24° 6	4°22	9° 1	11°40	5°30	22° 1	16°59	27°53	24°R52	26°17	9°17	2°11	M10
T 11	15 16 8	20°48'34	28°40	26°13	5°26	8°54	11°46	5°28	22° 0	17° 0	27°54	24°52	26°13	9°24	2°14	T 11
W12	15 20 4	21°47'08	10♍32	28°21	6°31	8°47	11°52	5°25	21°59	17° 2	27°54	24°50	26°10	9°30	2°18	W12
T 13	15 24 1	22°45'39	22°26	0♊28	7°36	8°42	11°59	5°22	21°58	17° 3	27°55	24°47	26° 7	9°37	2°21	T 13
F 14	15 27 57	23°44'08	4♎27	2°34	8°41	8°37	12° 5	5°20	21°57	17° 4	27°56	24°43	26° 4	9°44	2°24	F 14
S 15	15 31 54	24°42'36	16°38	4°38	9°47	8°33	12°12	5°17	21°57	17° 5	27°57	24°38	26° 1	9°51	2°28	S 15
S 16	15 35 51	25°41'01	29° 1	6°41	10°52	8°30	12°19	5°14	21°56	17° 6	27°58	24°33	25°57	9°57	2°31	S 16
M17	15 39 47	26°39'25	11♏39	8°43	11°58	8°28	12°26	5°11	21°55	17° 7	27°58	24°28	25°54	10° 4	2°34	M17
T 18	15 43 44	27°37'46	24°31	10°42	13° 4	8°26	12°33	5° 8	21°54	17° 8	27°59	24°25	25°51	10°11	2°37	T 18
W19	15 47 40	28°36'06	7♐37	12°38	14°10	8°25	12°41	5° 5	21°52	17° 9	28° 0	24°23	25°48	10°17	2°41	W19
T 20	15 51 37	29°34'24	20°57	14°32	15°16	8°D25	12°48	5° 2	21°51	17°10	28° 1	24°D22	25°45	10°24	2°44	T 20
F 21	15 55 33	0♊32'41	4♑30	16°23	16°22	8°26	12°56	4°59	21°50	17°11	28° 2	24°22	25°42	10°31	2°47	F 21
S 22	15 59 30	1°30'56	18°14	18°11	17°29	8°27	13° 4	4°55	21°49	17°12	28° 3	24°23	25°38	10°38	2°50	S 22
S 23	16 3 26	2°29'10	2♒ 8	19°55	18°36	8°29	13°12	4°52	21°48	17°13	28° 4	24°24	25°35	10°44	2°54	S 23
M24	16 7 23	3°27'22	16°10	21°37	19°43	8°32	13°20	4°49	21°46	17°14	28° 5	24°26	25°32	10°51	2°57	M24
T 25	16 11 20	4°25'32	0♓19	23°14	20°50	8°36	13°28	4°45	21°45	17°15	28° 6	24°R26	25°29	10°58	3° 0	T 25
W26	16 15 16	5°23'42	14°33	24°48	21°57	8°40	13°36	4°42	21°44	17°16	28° 7	24°26	25°26	11° 5	3° 3	W26
T 27	16 19 13	6°21'50	28°48	26°18	23° 4	8°45	13°44	4°38	21°42	17°17	28° 8	24°25	25°23	11°11	3° 6	T 27
F 28	16 23 9	7°19'57	13♈ 4	27°45	24°11	8°50	13°53	4°34	21°41	17°17	28° 9	24°23	25°19	11°18	3° 9	F 28
S 29	16 27 6	8°18'02	27°15	29° 7	25°19	8°57	14° 1	4°31	21°39	17°18	28°10	24°21	25°16	11°25	3°12	S 29
S 30	16 31 2	9°16'06	11♉19	0♋26	26°26	9° 3	14°10	4°27	21°38	17°19	28°11	24°19	25°13	11°31	3°15	S 30
M31	16 34 59	10♊14'09	25♉11	1♋40	27♈34	9♎11	14♌19	4♑23	21♑36	17♓19	28♋12	24♐18	25♐10	11♍38	3♉18	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 2	11n13	4n45	12n 0	1s17	2s10	0s 9	2s12	2n10	18n 0	0n37	21s45	1n25	21s52	0s23	5s43	0s34	18n23	2s 8	23s12	23s15	3n53	12n 8	0n10
S 2	15 20	15 58	4 6	12 47	1 9	1 51	0 14	2 9	2 7	17 59	0 37	21 45	1 25	21 53	0 23	5 42	0 34	18 23	2 8	23 12	23 15	3 50	12 9	0 10
M 3	15 38	19 42	3 13	13 34	1 0	1 31	0 19	2 6	2 5	17 57	0 37	21 45	1 25	21 53	0 23	5 42	0 34	18 23	2 7	23 11	23 15	3 47	12 10	0 10
T 4	15 56	22 12	2 9	14 21	0 51	1 10	0 24	2 4	2 2	17 56	0 37	21 45	1 25	21 53	0 23	5 41	0 34	18 23	2 7	23 11	23 15	3 45	12 11	0 10
W 5	16 13	23 18	0 58	15 8	0 41	0 50	0 29	2 1	2 0	17 54	0 37	21 45	1 25	21 53	0 23	5 41	0 34	18 23	2 7	23 11	23 15	3 42	12 13	0 10
T 6	16 30	23 2	0s13	15 54	0 31	0 29	0 34	1 59	1 57	17 53	0 37	21 45	1 25	21 53	0 23	5 40	0 34	18 23	2 7	23 11	23 15	3 39	12 14	0 10
F 7	16 47	21 33	1 22	16 40	0 21	0 8	0 39	1 58	1 55	17 51	0 37	21 45	1 25	21 53	0 23	5 40	0 34	18 23	2 7	23 11	23 14	3 36	12 15	0 9
S 8	17 3	19 2	2 25	17 24	0 11	0n13	0 43	1 56	1 52	17 50	0 37	21 46	1 25	21 53	0 23	5 39	0 34	18 23	2 7	23 11	23 14	3 34	12 16	0 9
S 9	17 19	15 43	3 20	18 8	0 1	0 34	0 48	1 55	1 50	17 48	0 37	21 46	1 25	21 53	0 24	5 39	0 35	18 23	2 7	23 11	23 14	3 31	12 17	0 9
M10	17 35	11 48	4 6	18 50	0n10	0 56	0 52	1 55	1 47	17 46	0 37	21 46	1 25	21 53	0 24	5 38	0 35	18 23	2 7	23 11	23 14	3 28	12 18	0 9
T 11	17 51	7 29	4 40	19 31	0 21	1 17	0 56	1 54	1 44	17 45	0 37	21 46	1 25	21 54	0 24	5 38	0 35	18 23	2 7	23 11	23 14	3 25	12 19	0 9
W12	18 6	2 54	5 2	20 11	0 31	1 39	1 0	1 54	1 42	17 43	0 37	21 46	1 25	21 54	0 24	5 37	0 35	18 23	2 6	23 11	23 14	3 23	12 20	0 9
T 13	18 21	1s48	5 12	20 48	0 42	2 1	1 4	1 54	1 39	17 41	0 37	21 46	1 25	21 54	0 24	5 37	0 35	18 23	2 6	23 11	23 14	3 20	12 21	0 9
F 14	18 35	6 28	5 7	21 24	0 52	2 23	1 8	1 55	1 37	17 39	0 37	21 46	1 25	21 54	0 24	5 37	0 35	18 23	2 6	23 11	23 14	3 17	12 22	0 9
S 15	18 50	10 57	4 49	21 58	1 3	2 45	1 12	1 55	1 35	17 37	0 37	21 46	1 25	21 54	0 24	5 36	0 35	18 23	2 6	23 11	23 14	3 15	12 23	0 9
S 16	19 4	15 4	4 18	22 29	1 13	3 7	1 16	1 56	1 32	17 35	0 37	21 46	1 25	21 54	0 24	5 36	0 35	18 23	2 6	23 11	23 14	3 12	12 25	0 9
M17	19 17	18 36	3 33	22 58	1 22	3 29	1 19	1 58	1 30	17 33	0 37	21 46	1 25	21 55	0 24	5 35	0 35	18 23	2 6	23 10	23 14	3 9	12 26	0 9
T 18	19 30	21 18	2 36	23 25	1 31	3 52	1 22	1 59	1 27	17 31	0 37	21 46	1 25	21 55	0 24	5 35	0 35	18 23	2 6	23 10	23 13	3 6	12 27	0 9
W19	19 43	22 56	1 31	23 49	1 40	4 14	1 26	2 1	1 25	17 29	0 37	21 46	1 25	21 55	0 24	5 35	0 35	18 23	2 6	23 10	23 13	3 4	12 28	0 9
T 20	19 56	23 18	0 19	24 11	1 47	4 37	1 29	2 3	1 22	17 27	0 37	21 46	1 25	21 55	0 24	5 34	0 35	18 22	2 6	23 10	23 13	3 1	12 29	0 9
F 21	20 8	22 17	0n55	24 30	1 55	4 59	1 32	2 6	1 20	17 25	0 37	21 47	1 25	21 55	0 24	5 34	0 35	18 22	2 6	23 10	23 13	2 58	12 30	0 9
S 22	20 20	19 57	2 8	24 47	2 1	5 22	1 35	2 8	1 18	17 23	0 37	21 47	1 25	21 56	0 24	5 34	0 35	18 22	2 5	23 10	23 13	2 56	12 31	0 8
S 23	20 32	16 25	3 13	25 1	2 7	5 44	1 37	2 11	1 16	17 20	0 37	21 47	1 25	21 56	0 24	5 33	0 35	18 22	2 5	23 10	23 13	2 53	12 32	0 8
M24	20 43	11 57	4 8	25 13	2 12	6 7	1 40	2 14	1 13	17 18	0 37	21 47	1 25	21 56	0 24	5 33	0 35	18 22	2 5	23 10	23 13	2 50	12 33	0 8
T 25	20 54	6 48	4 48	25 23	2 16	6 30	1 43	2 18	1 11	17 16	0 37	21 47	1 25	21 56	0 24	5 33	0 35	18 22	2 5	23 10	23 13	2 47	12 34	0 8
W26	21 4	1 16	5 10	25 30	2 19	6 52	1 45	2 22	1 9	17 13	0 37	21 47	1 25	21 57	0 24	5 32	0 35	18 22	2 5	23 10	23 13	2 45	12 35	0 8
T 27	21 14	4n20	5 14	25 36	2 22	7 15	1 47	2 26	1 7	17 11	0 37	21 47	1 25	21 57	0 24	5 32	0 35	18 22	2 5	23 10	23 12	2 42	12 36	0 8
F 28	21 24	9 43	4 59	25 39	2 23	7 37	1 50	2 30	1 4	17 9	0 37	21 47	1 25	21 57	0 24	5 32	0 35	18 22	2 5	23 10	23 12	2 39	12 37	0 8
S 29	21 33	14 33	4 25	25 41	2 24	8 0	1 52	2 34	1 2	17 6	0 37	21 47	1 25	21 57	0 24	5 32	0 35	18 22	2 5	23 10	23 12	2 37	12 38	0 8
S 30	21 42	18 33	3 35	25 41	2 23	8 22	1 54	2 39	1 0	17 4	0 37	21 48	1 25	21 58	0 24	5 31	0 35	18 22	2 5	23 10	23 12	2 34	12 39	0 8
M31	21n51	21n26	2n34	25n39	2n22	8n45	1s55	2s44	0n58	17n 1	0n37	21s48	1n25	21s58	0s24	5s31	0s35	18n21	2s 5	23s10	23s12	2n31	12n40	0n 8

Julian Day Number = 2877172.5, Delta T = 01h14m15s
Ecliptic obliquity = 23°17'18, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°03'35, Lahiri = 40°10'35

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ASTRODIENST EPHEMERIS for the year 3165
geocentric

JUNE 3165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 55	11♊12'10	8♊48	2♋50	28♈42	9♎19	14♌28	4°R19	21°R34	17♓20	28♋13	24°R17	25♐ 7	11♍45	3♉21	T 1
W 2	16 42 52	12°10'10	22° 8	3°57	29°50	9°28	14°37	4♏15	21♏33	17°21	28°14	24°D16	25° 3	11°52	3°24	W 2
T 3	16 46 49	13° 8'08	5♋10	4°59	0♉58	9°37	14°46	4°11	21°31	17°21	28°15	24♐16	25° 0	11°58	3°27	T 3
F 4	16 50 45	14° 6'05	17°55	5°56	2° 6	9°47	14°55	4° 7	21°29	17°22	28°16	24°17	24°57	12° 5	3°30	F 4
S 5	16 54 42	15° 4'00	0♌22	6°50	3°14	9°58	15° 5	4° 3	21°27	17°22	28°17	24°18	24°54	12°12	3°32	S 5
S 6	16 58 38	16° 1'53	12°35	7°39	4°23	10° 9	15°14	3°59	21°26	17°23	28°18	24°19	24°51	12°18	3°35	S 6
M 7	17 2 35	16°59'45	24°38	8°23	5°31	10°21	15°24	3°55	21°24	17°23	28°20	24°19	24°48	12°25	3°38	M 7
T 8	17 6 31	17°57'35	6♍33	9° 3	6°40	10°34	15°34	3°51	21°22	17°23	28°21	24°20	24°44	12°32	3°41	T 8
W 9	17 10 28	18°55'24	18°27	9°38	7°48	10°47	15°43	3°47	21°20	17°24	28°22	24°R20	24°41	12°39	3°43	W 9
T 10	17 14 24	19°53'11	0♎22	10° 9	8°57	11° 0	15°53	3°42	21°18	17°24	28°23	24°20	24°38	12°45	3°46	T 10
F 11	17 18 21	20°50'56	12°24	10°35	10° 6	11°14	16° 3	3°38	21°16	17°24	28°24	24°20	24°35	12°52	3°49	F 11
S 12	17 22 18	21°48'40	24°37	10°56	11°15	11°29	16°13	3°34	21°14	17°25	28°26	24°19	24°32	12°59	3°51	S 12
S 13	17 26 14	22°46'22	7♏ 4	11°13	12°24	11°44	16°23	3°30	21°12	17°25	28°27	24°19	24°29	13° 5	3°54	S 13
M14	17 30 11	23°44'03	19°49	11°24	13°33	11°59	16°34	3°25	21°10	17°25	28°28	24°19	24°25	13°12	3°56	M14
T 15	17 34 7	24°41'43	2♐54	11°31	14°42	12°15	16°44	3°21	21° 8	17°25	28°30	24°D19	24°22	13°19	3°59	T 15
W16	17 38 4	25°39'21	16°18	11°R33	15°51	12°32	16°55	3°16	21° 6	17°25	28°31	24°19	24°19	13°26	4° 1	W16
T 17	17 42 0	26°36'59	0♑ 0	11°31	17° 0	12°49	17° 5	3°12	21° 4	17°25	28°32	24°R19	24°16	13°32	4° 4	T 17
F 18	17 45 57	27°34'35	13°59	11°24	18° 9	13° 6	17°16	3° 8	21° 1	17°25	28°34	24°19	24°13	13°39	4° 6	F 18
S 19	17 49 54	28°32'10	28°11	11°13	19°19	13°24	17°26	3° 3	20°59	17°R25	28°35	24°19	24° 9	13°46	4° 8	S 19
S 20	17 53 50	29°29'44	12♒31	10°58	20°28	13°42	17°37	2°59	20°57	17°25	28°36	24°18	24° 6	13°53	4°11	S 20
M21	17 57 47	0♋27'17	26°55	10°39	21°38	14° 1	17°48	2°54	20°55	17°25	28°38	24°18	24° 3	13°59	4°13	M21
T 22	18 1 43	1°24'50	11♓18	10°17	22°47	14°20	17°59	2°50	20°53	17°25	28°39	24°17	24° 0	14° 6	4°15	T 22
W23	18 5 40	2°22'21	25°37	9°51	23°57	14°40	18°10	2°45	20°50	17°25	28°40	24°17	23°57	14°13	4°17	W23
T 24	18 9 36	3°19'52	9♈48	9°23	25° 7	14°59	18°21	2°41	20°48	17°25	28°42	24°D17	23°54	14°19	4°19	T 24
F 25	18 13 33	4°17'23	23°49	8°53	26°17	15°20	18°32	2°36	20°46	17°25	28°43	24°17	23°50	14°26	4°22	F 25
S 26	18 17 29	5°14'53	7♉39	8°21	27°27	15°41	18°43	2°32	20°43	17°25	28°44	24°18	23°47	14°33	4°24	S 26
S 27	18 21 26	6°12'22	21°17	7°48	28°37	16° 2	18°55	2°28	20°41	17°24	28°46	24°19	23°44	14°40	4°26	S 27
M28	18 25 23	7° 9'51	4♊43	7°15	29°47	16°23	19° 6	2°23	20°39	17°24	28°47	24°20	23°41	14°46	4°28	M28
T 29	18 29 19	8° 7'19	17°55	6°41	0♊57	16°45	19°17	2°19	20°36	17°24	28°49	24°R20	23°38	14°53	4°30	T 29
W30	18 33 16	9♋ 4'46	0♋53	6♋ 8	2♊ 7	17♎ 7	19♌29	2♏14	20♏34	17♓24	28♋50	24♐20	23♐35	15♍ 0	4♉32	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n59	23n 1	1n25	25n35	2n20	9n 7	1s57	2s49	0n56	16n58	0n37	21s48	1n25	21s58	0s24	5s31	0s35	18n21	2s 4	23s10	23s12	2n29	12n41	0n 8
W 2	22 7	23 15	0 12	25 30	2 17	9 29	1 59	2 54	0 54	16 56	0 37	21 48	1 25	21 58	0 24	5 31	0 35	18 21	2 4	23 10	23 12	2 26	12 41	0 8
T 3	22 14	22 11	1s 0	25 24	2 13	9 51	2 0	3 0	0 52	16 53	0 37	21 48	1 25	21 59	0 24	5 30	0 35	18 21	2 4	23 10	23 12	2 23	12 42	0 8
F 4	22 21	20 0	2 7	25 17	2 7	10 13	2 2	3 5	0 50	16 50	0 37	21 48	1 25	21 59	0 24	5 30	0 35	18 21	2 4	23 10	23 12	2 20	12 43	0 8
S 5	22 27	16 54	3 7	25 8	2 1	10 35	2 3	3 11	0 48	16 48	0 37	21 48	1 25	21 59	0 24	5 30	0 35	18 21	2 4	23 10	23 11	2 18	12 44	0 8
S 6	22 34	13 8	3 57	24 58	1 54	10 57	2 4	3 18	0 46	16 45	0 37	21 49	1 25	22 0	0 24	5 30	0 35	18 21	2 4	23 10	23 11	2 15	12 45	0 7
M 7	22 39	8 54	4 35	24 47	1 46	11 19	2 5	3 24	0 44	16 42	0 37	21 49	1 25	22 0	0 24	5 30	0 35	18 20	2 4	23 10	23 11	2 12	12 46	0 7
T 8	22 45	4 22	5 2	24 36	1 37	11 40	2 6	3 31	0 42	16 39	0 37	21 49	1 25	22 0	0 24	5 30	0 35	18 20	2 4	23 10	23 11	2 10	12 47	0 7
W 9	22 50	0s18	5 15	24 23	1 27	12 1	2 7	3 37	0 40	16 36	0 37	21 49	1 25	22 1	0 24	5 30	0 35	18 20	2 4	23 10	23 11	2 7	12 48	0 7
T 10	22 54	4 58	5 15	24 10	1 16	12 22	2 8	3 44	0 38	16 33	0 37	21 49	1 25	22 1	0 24	5 30	0 35	18 20	2 4	23 10	23 11	2 4	12 48	0 7
F 11	22 58	9 30	5 1	23 57	1 5	12 43	2 8	3 51	0 36	16 30	0 37	21 49	1 25	22 1	0 24	5 29	0 35	18 20	2 4	23 10	23 11	2 2	12 49	0 7
S 12	23 2	13 43	4 34	23 42	0 52	13 4	2 9	3 59	0 35	16 27	0 37	21 49	1 25	22 1	0 24	5 29	0 35	18 20	2 4	23 10	23 11	1 59	12 50	0 7
S 13	23 6	17 27	3 53	23 27	0 39	13 24	2 9	4 6	0 33	16 24	0 37	21 50	1 25	22 2	0 24	5 29	0 36	18 20	2 3	23 10	23 10	1 56	12 51	0 7
M14	23 8	20 28	3 0	23 12	0 24	13 44	2 10	4 14	0 31	16 21	0 37	21 50	1 25	22 2	0 24	5 29	0 36	18 19	2 3	23 10	23 10	1 53	12 52	0 7
T 15	23 11	22 30	1 56	22 57	0 9	14 4	2 10	4 22	0 29	16 18	0 37	21 50	1 25	22 3	0 24	5 29	0 36	18 19	2 3	23 10	23 10	1 51	12 52	0 7
W16	23 13	23 19	0 44	22 41	0s 6	14 24	2 10	4 30	0 28	16 15	0 37	21 50	1 25	22 3	0 24	5 29	0 36	18 19	2 3	23 10	23 10	1 48	12 53	0 7
T 17	23 15	22 46	0n31	22 25	0 23	14 44	2 10	4 38	0 26	16 12	0 37	21 50	1 25	22 3	0 24	5 29	0 36	18 19	2 3	23 10	23 10	1 45	12 54	0 7
F 18	23 16	20 47	1 47	22 9	0 39	15 3	2 10	4 46	0 24	16 9	0 37	21 50	1 25	22 4	0 24	5 29	0 36	18 19	2 3	23 10	23 10	1 43	12 55	0 7
S 19	23 17	17 30	2 57	21 53	0 56	15 22	2 10	4 54	0 23	16 5	0 37	21 51	1 25	22 4	0 24	5 29	0 36	18 18	2 3	23 10	23 10	1 40	12 55	0 7
S 20	23 17	13 9	3 56	21 37	1 14	15 40	2 10	5 3	0 21	16 2	0 37	21 51	1 25	22 4	0 24	5 29	0 36	18 18	2 3	23 10	23 9	1 37	12 56	0 7
M21	23 17	8 3	4 41	21 21	1 31	15 59	2 9	5 12	0 20	15 59	0 37	21 51	1 25	22 5	0 24	5 29	0 36	18 18	2 3	23 10	23 9	1 35	12 57	0 7
T 22	23 17	2 31	5 9	21 5	1 49	16 16	2 9	5 20	0 18	15 56	0 37	21 51	1 24	22 5	0 25	5 29	0 36	18 18	2 3	23 10	23 9	1 32	12 58	0 6
W23	23 16	3n 7	5 17	20 50	2 6	16 34	2 8	5 29	0 16	15 52	0 37	21 51	1 24	22 5	0 25	5 29	0 36	18 18	2 3	23 10	23 9	1 29	12 58	0 6
T 24	23 15	8 32	5 5	20 35	2 23	16 51	2 8	5 38	0 15	15 49	0 37	21 51	1 24	22 6	0 25	5 29	0 36	18 17	2 3	23 10	23 9	1 27	12 59	0 6
F 25	23 13	13 27	4 36	20 20	2 40	17 8	2 7	5 48	0 13	15 45	0 37	21 52	1 24	22 6	0 25	5 30	0 36	18 17	2 2	23 10	23 9	1 24	12 59	0 6
S 26	23 11	17 37	3 50	20 6	2 56	17 25	2 6	5 57	0 12	15 42	0 37	21 52	1 24	22 6	0 25	5 30	0 36	18 17	2 2	23 10	23 9	1 21	13 0	0 6
S 27	23 9	20 45	2 53	19 53	3 11	17 41	2 5	6 6	0 10	15 39	0 37	21 52	1 24	22 7	0 25	5 30	0 36	18 17	2 2	23 10	23 8	1 18	13 1	0 6
M28	23 6	22 41	1 46	19 41	3 25	17 57	2 4	6 16	0 9	15 35	0 37	21 52	1 24	22 7	0 25	5 30	0 36	18 17	2 2	23 10	23 8	1 16	13 1	0 6
T 29	23 2	23 20	0 35	19 29	3 38	18 12	2 3	6 26	0 8	15 31	0 37	21 52	1 24	22 8	0 25	5 30	0 36	18 16	2 2	23 10	23 8	1 13	13 2	0 6
W30	22n59	22n41	0s36	19n18	3s51	18n27	2s 2	6s35	0n 6	15n28	0n37	21s52	1n24	22s 8	0s25	5s30	0s36	18n16	2s 2	23s10	23s 8	1n10	13n 3	0n 6

Julian Day Number = 2877203.5, Delta T = 01h14m16s
Ecliptic obliquity = 23°17'17, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°03'39, Lahiri = 40°10'39

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ASTRODIENST EPHEMERIS for the year 3165
geocentric

JULY 3165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 37 12	10♋ 2'13	13♋38	5°R37	3♊17	17♎30	19♌40	2°R10	20°R32	17°R23	28♋52	24°R20	23♐31	15♍ 6	4♉33	T 1
F 2	18 41 9	10°59'39	26°10	5♋ 7	4°27	17°53	19°52	2♉ 5	20♉29	17♓23	28°53	24♐18	23°28	15°13	4°35	F 2
S 3	18 45 5	11°57'04	8♌30	4°39	5°38	18°16	20° 4	2° 1	20°27	17°22	28°55	24°16	23°25	15°20	4°37	S 3
S 4	18 49 2	12°54'28	20°39	4°14	6°48	18°40	20°16	1°57	20°24	17°22	28°56	24°13	23°22	15°27	4°39	S 4
M 5	18 52 58	13°51'51	2♍39	3°52	7°58	19° 4	20°27	1°52	20°22	17°21	28°58	24°10	23°19	15°33	4°40	M 5
T 6	18 56 55	14°49'14	14°34	3°33	9° 9	19°28	20°39	1°48	20°19	17°21	28°59	24° 7	23°15	15°40	4°42	T 6
W 7	19 0 52	15°46'36	26°26	3°18	10°19	19°53	20°51	1°44	20°17	17°20	29° 0	24° 5	23°12	15°47	4°44	W 7
T 8	19 4 48	16°43'56	8♎21	3° 8	11°30	20°18	21° 3	1°40	20°15	17°20	29° 2	24° 4	23° 9	15°54	4°45	T 8
F 9	19 8 45	17°41'17	20°21	3° 1	12°41	20°43	21°15	1°35	20°12	17°19	29° 3	24°D 4	23° 6	16° 0	4°47	F 9
S 10	19 12 41	18°38'36	2♏33	2°D59	13°51	21° 9	21°27	1°31	20°10	17°19	29° 5	24° 4	23° 3	16° 7	4°48	S 10
S 11	19 16 38	19°35'55	15° 0	3° 2	15° 2	21°35	21°39	1°27	20° 7	17°18	29° 6	24° 6	23° 0	16°14	4°49	S 11
M12	19 20 34	20°33'13	27°46	3° 9	16°13	22° 1	21°52	1°23	20° 5	17°17	29° 8	24° 7	22°56	16°20	4°51	M12
T 13	19 24 31	21°30'30	10♐55	3°21	17°23	22°27	22° 4	1°19	20° 2	17°17	29° 9	24° 8	22°53	16°27	4°52	T 13
W14	19 28 27	22°27'47	24°29	3°37	18°34	22°54	22°16	1°15	20° 0	17°16	29°11	24°R 9	22°50	16°34	4°53	W14
T 15	19 32 24	23°25'03	8♑27	3°59	19°45	23°21	22°29	1°11	19°57	17°15	29°13	24° 8	22°47	16°41	4°55	T 15
F 16	19 36 21	24°22'19	22°47	4°25	20°56	23°48	22°41	1° 7	19°55	17°14	29°14	24° 6	22°44	16°47	4°56	F 16
S 17	19 40 17	25°19'35	7♒24	4°56	22° 7	24°16	22°53	1° 3	19°53	17°13	29°16	24° 3	22°41	16°54	4°57	S 17
S 18	19 44 14	26°16'50	22°12	5°32	23°18	24°44	23° 6	0°59	19°50	17°13	29°17	23°59	22°37	17° 1	4°58	S 18
M19	19 48 10	27°14'06	7♓ 1	6°12	24°29	25°12	23°18	0°56	19°48	17°12	29°19	23°54	22°34	17° 8	4°59	M19
T 20	19 52 7	28°11'21	21°46	6°57	25°41	25°40	23°31	0°52	19°45	17°11	29°20	23°50	22°31	17°14	5° 0	T 20
W21	19 56 3	29° 8'36	6♈19	7°46	26°52	26° 8	23°43	0°48	19°43	17°10	29°22	23°47	22°28	17°21	5° 1	W21
T 22	20 0 0	0♌ 5'52	20°36	8°40	28° 3	26°37	23°56	0°45	19°40	17° 9	29°23	23°45	22°25	17°28	5° 2	T 22
F 23	20 3 56	1° 3'08	4♉34	9°38	29°14	27° 6	24° 9	0°41	19°38	17° 8	29°25	23°D44	22°21	17°34	5° 2	F 23
S 24	20 7 53	2° 0'24	18°13	10°40	0♋26	27°35	24°21	0°38	19°36	17° 7	29°26	23°45	22°18	17°41	5° 3	S 24
S 25	20 11 50	2°57'40	1♊35	11°47	1°37	28° 5	24°34	0°34	19°33	17° 6	29°28	23°47	22°15	17°48	5° 4	S 25
M26	20 15 46	3°54'57	14°40	12°58	2°49	28°34	24°47	0°31	19°31	17° 5	29°29	23°48	22°12	17°55	5° 5	M26
T 27	20 19 43	4°52'14	27°31	14°13	4° 0	29° 4	25° 0	0°28	19°29	17° 4	29°31	23°R48	22° 9	18° 1	5° 5	T 27
W28	20 23 39	5°49'31	10♋ 9	15°33	5°12	29°34	25°13	0°24	19°26	17° 3	29°32	23°47	22° 6	18° 8	5° 6	W28
T 29	20 27 36	6°46'48	22°37	16°56	6°23	0♏ 5	25°25	0°21	19°24	17° 1	29°34	23°44	22° 2	18°15	5° 6	T 29
F 30	20 31 32	7°44'06	4♌55	18°24	7°35	0°35	25°38	0°18	19°22	17° 0	29°35	23°38	21°59	18°21	5° 7	F 30
S 31	20 35 29	8♌41'23	17♌ 4	19♋55	8♋47	1♏ 6	25♌51	0♉15	19♉19	16♓59	29♋37	23♐31	21♐56	18♍28	5♉ 7	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22n55	20n52	1s45	19n 9	4s 1	18n42	2s 1	6s45	0n 5	15n24	0n37	21s53	1n24	22s 8	0s25	5s30	0s36	18n16	2s 2	23s10	23s 8	1n 8	13n 3	0n 6	
F 2	22 50	18 3	2 47	19 1	4 11	18 56	2 0	6 55	0 3	15 21	0 37	21 53	1 24	22 9	0 25	5 31	0 36	18 16	2 2	23 10	23 8	1 5	13 4	0 6	
S 3	22 45	14 29	3 40	18 53	4 19	19 10	1 58	7 5	0 2	15 17	0 37	21 53	1 24	22 9	0 25	5 31	0 36	18 16	2 2	23 10	23 8	1 2	13 4	0 6	
S 4	22 40	10 22	4 22	18 48	4 26	19 23	1 57	7 16	0 1	15 13	0 37	21 53	1 23	22 9	0 25	5 31	0 36	18 15	2 2	23 10	23 7	1 0	13 5	0 6	
M 5	22 34	5 54	4 53	18 43	4 31	19 36	1 56	7 26	0s 1	15 10	0 37	21 53	1 23	22 10	0 25	5 31	0 36	18 15	2 2	23 10	23 7	0 57	13 5	0 6	
T 6	22 28	1 16	5 10	18 40	4 35	19 48	1 54	7 36	0 2	15 6	0 37	21 53	1 23	22 10	0 25	5 31	0 36	18 15	2 2	23 10	23 7	0 54	13 6	0 6	
W 7	22 22	3s24	5 14	18 38	4 37	20 0	1 52	7 47	0 3	15 2	0 37	21 53	1 23	22 10	0 25	5 32	0 36	18 15	2 2	23 9	23 7	0 52	13 6	0 5	
T 8	22 15	7 58	5 5	18 37	4 38	20 12	1 51	7 57	0 4	14 58	0 37	21 54	1 23	22 11	0 25	5 32	0 36	18 14	2 2	23 9	23 7	0 49	13 7	0 5	
F 9	22 8	12 16	4 42	18 37	4 38	20 22	1 49	8 8	0 6	14 55	0 37	21 54	1 23	22 11	0 25	5 32	0 36	18 14	2 1	23 9	23 7	0 46	13 7	0 5	
S 10	22 0	16 8	4 6	18 39	4 37	20 33	1 47	8 18	0 7	14 51	0 37	21 54	1 23	22 12	0 25	5 32	0 36	18 14	2 1	23 9	23 6	0 44	13 7	0 5	
S 11	21 52	19 24	3 19	18 41	4 34	20 43	1 45	8 29	0 8	14 47	0 37	21 54	1 23	22 12	0 25	5 33	0 36	18 14	2 1	23 9	23 6	0 41	13 8	0 5	
M12	21 44	21 48	2 20	18 45	4 30	20 52	1 43	8 40	0 9	14 43	0 37	21 54	1 23	22 12	0 25	5 33	0 36	18 13	2 1	23 10	23 6	0 38	13 8	0 5	
T 13	21 35	23 8	1 12	18 50	4 25	21 1	1 41	8 51	0 11	14 39	0 37	21 54	1 22	22 13	0 25	5 33	0 36	18 13	2 1	23 10	23 6	0 36	13 9	0 5	
W14	21 26	23 9	0n 2	18 56	4 19	21 9	1 39	9 2	0 12	14 35	0 37	21 55	1 22	22 13	0 25	5 34	0 36	18 13	2 1	23 10	23 6	0 33	13 9	0 5	
T 15	21 16	21 44	1 18	19 2	4 12	21 17	1 37	9 13	0 13	14 31	0 37	21 55	1 22	22 13	0 25	5 34	0 36	18 13	2 1	23 10	23 6	0 30	13 9	0 5	
F 16	21 6	18 54	2 30	19 9	4 4	21 24	1 35	9 24	0 14	14 27	0 37	21 55	1 22	22 14	0 25	5 34	0 36	18 12	2 1	23 9	23 5	0 28	13 10	0 5	
S 17	20 56	14 51	3 34	19 17	3 55	21 31	1 33	9 35	0 15	14 23	0 37	21 55	1 22	22 14	0 25	5 35	0 37	18 12	2 1	23 9	23 5	0 25	13 10	0 5	
S 18	20 46	9 50	4 25	19 25	3 46	21 37	1 30	9 46	0 16	14 19	0 37	21 55	1 22	22 15	0 25	5 35	0 37	18 12	2 1	23 9	23 5	0 22	13 10	0 5	
M19	20 35	4 15	4 58	19 33	3 36	21 42	1 28	9 57	0 17	14 15	0 37	21 55	1 22	22 15	0 25	5 35	0 37	18 12	2 1	23 9	23 5	0 20	13 10	0 5	
T 20	20 24	1n32	5 11	19 42	3 25	21 47	1 26	10 9	0 18	14 11	0 37	21 56	1 21	22 15	0 25	5 36	0 37	18 11	2 1	23 9	23 5	0 17	13 11	0 5	
W21	20 12	7 9	5 4	19 50	3 14	21 52	1 23	10 20	0 20	14 7	0 37	21 56	1 21	22 16	0 25	5 36	0 37	18 11	2 1	23 9	23 5	0 14	13 11	0 5	
T 22	20 0	12 17	4 38	19 59	3 2	21 55	1 21	10 31	0 21	14 3	0 37	21 56	1 21	22 16	0 25	5 37	0 37	18 11	2 1	23 8	23 4	0 12	13 11	0 4	
F 23	19 48	16 40	3 56	20 7	2 50	21 59	1 19	10 43	0 22	13 59	0 37	21 56	1 21	22 16	0 25	5 37	0 37	18 11	2 1	23 8	23 4	0 9	13 11	0 4	
S 24	19 35	20 3	3 1	20 15	2 37	22 1	1 16	10 54	0 23	13 54	0 37	21 56	1 21	22 17	0 25	5 37	0 37	18 10	2 1	23 9	23 4	0 6	13 12	0 4	
S 25	19 22	22 16	1 58	20 22	2 25	22 3	1 13	11 6	0 24	13 50	0 37	21 56	1 21	22 17	0 25	5 38	0 37	18 10	2 0	23 9	23 4	0 4	13 12	0 4	
M26	19 9	23 14	0 49	20 29	2 12	22 5	1 11	11 17	0 25	13 46	0 37	21 57	1 21	22 17	0 25	5 38	0 37	18 10	2 0	23 9	23 4	0 1	13 12	0 4	
T 27	18 56	22 56	0s20	20 34	1 58	22 5	1 8	11 29	0 26	13 42	0 37	21 57	1 20	22 18	0 25	5 39	0 37	18 10	2 0	23 9	23 3	0s 2	13 12	0 4	
W28	18 42	21 27	1 27	20 39	1 45	22 6	1 6	11 40	0 27	13 38	0 37	21 57	1 20	22 18	0 25	5 39	0 37	18 9	2 0	23 9	23 3	0 4	13 12	0 4	
T 29	18 28	18 57	2 29	20 43	1 31	22 5	1 3	11 52	0 28	13 33	0 37	21 57	1 20	22 18	0 25	5 40	0 37	18 9	2 0	23 8	23 3	0 7	13 12	0 4	
F 30	18 13	15 37	3 24	20 45	1 18	22 4	1 0	12 3	0 29	13 29	0 38	21 57	1 20	22 19	0 25	5 40	0 37	18 9	2 0	23 8	23 3	0 9	13 12	0 4	
S 31	17n58	11n41	4s 8	20n45	1s 5	22n 2	0s58	12s15	0s30	13n25	0n38	21s57	1n20	22s19	0s25	5s40	0s37	18n 9	2s 0	23s 8	23s 3	0s12	13n12	0n 4	

Julian Day Number = 2877233.5, Delta T = 01h14m17s
Ecliptic obliquity = 23°17'17, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°03'43, Lahiri = 40°10'44

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ASTRODIENST EPHEMERIS for the year 3165
geocentric

AUGUST 3165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 39 26	9♌38'41	29♌ 6	21♋30	9♋58	1♏37	26♌ 4	0°R12	19°R17	16°R58	29♋38	23°R23	21♐53	18♍35	5♉ 8	S 1
M 2	20 43 22	10°35'59	11♍ 3	23° 9	11°10	2° 8	26°17	0♑ 9	19♑15	16♓57	29°40	23♐14	21°50	18°42	5° 8	M 2
T 3	20 47 19	11°33'17	22°55	24°51	12°22	2°40	26°30	0° 7	19°13	16°55	29°41	23° 6	21°47	18°48	5° 8	T 3
W 4	20 51 15	12°30'35	4♎46	26°37	13°34	3°11	26°43	0° 4	19°11	16°54	29°43	22°58	21°43	18°55	5° 8	W 4
T 5	20 55 12	13°27'53	16°40	28°26	14°46	3°43	26°56	0° 1	19° 8	16°53	29°44	22°53	21°40	19° 2	5° 8	T 5
F 6	20 59 8	14°25'11	28°38	0♌18	15°58	4°15	27° 9	29♐59	19° 6	16°52	29°46	22°50	21°37	19° 9	5° 8	F 6
S 7	21 3 5	15°22'29	10♏47	2°13	17°10	4°47	27°22	29°56	19° 4	16°50	29°47	22°D48	21°34	19°15	5°R 9	S 7
S 8	21 7 1	16°19'48	23°11	4°10	18°22	5°20	27°35	29°54	19° 2	16°49	29°49	22°48	21°31	19°22	5° 9	S 8
M 9	21 10 58	17°17'07	5♐54	6°10	19°34	5°52	27°49	29°51	19° 0	16°47	29°50	22°49	21°27	19°29	5° 8	M 9
T 10	21 14 54	18°14'26	19° 0	8°12	20°46	6°25	28° 2	29°49	18°58	16°46	29°52	22°R50	21°24	19°35	5° 8	T 10
W11	21 18 51	19°11'45	2♑34	10°15	21°58	6°58	28°15	29°47	18°56	16°45	29°53	22°49	21°21	19°42	5° 8	W11
T 12	21 22 48	20° 9'04	16°37	12°20	23°10	7°31	28°28	29°45	18°54	16°43	29°55	22°47	21°18	19°49	5° 8	T 12
F 13	21 26 44	21° 6'24	1♒ 6	14°26	24°23	8° 4	28°41	29°43	18°52	16°42	29°56	22°43	21°15	19°56	5° 8	F 13
S 14	21 30 41	22° 3'45	15°58	16°32	25°35	8°38	28°54	29°41	18°50	16°40	29°57	22°36	21°12	20° 2	5° 7	S 14
S 15	21 34 37	23° 1'05	1♓ 5	18°39	26°47	9°11	29° 8	29°39	18°48	16°39	29°59	22°28	21° 8	20° 9	5° 7	S 15
M16	21 38 34	23°58'27	16°17	20°45	28° 0	9°45	29°21	29°38	18°46	16°38	0♌ 0	22°19	21° 5	20°16	5° 7	M16
T 17	21 42 30	24°55'49	1♈23	22°52	29°12	10°19	29°34	29°36	18°44	16°36	0° 2	22°10	21° 2	20°22	5° 6	T 17
W18	21 46 27	25°53'12	16°13	24°58	0♌24	10°53	29°47	29°35	18°43	16°35	0° 3	22° 4	20°59	20°29	5° 6	W18
T 19	21 50 23	26°50'36	0♉43	27° 4	1°37	11°27	0♍ 0	29°33	18°41	16°33	0° 4	21°59	20°56	20°36	5° 5	T 19
F 20	21 54 20	27°48'02	14°47	29° 8	2°50	12° 2	0°14	29°32	18°39	16°32	0° 6	21°56	20°52	20°43	5° 4	F 20
S 21	21 58 17	28°45'28	28°26	1♍12	4° 2	12°36	0°27	29°31	18°38	16°30	0° 7	21°D55	20°49	20°49	5° 4	S 21
S 22	22 2 13	29°42'56	11♊42	3°15	5°15	13°11	0°40	29°29	18°36	16°28	0° 9	21°56	20°46	20°56	5° 3	S 22
M23	22 6 10	0♍40'24	24°36	5°16	6°28	13°46	0°53	29°28	18°34	16°27	0°10	21°R56	20°43	21° 3	5° 2	M23
T 24	22 10 6	1°37'54	7♋14	7°16	7°40	14°21	1° 6	29°27	18°33	16°25	0°11	21°55	20°40	21°10	5° 1	T 24
W25	22 14 3	2°35'25	19°39	9°15	8°53	14°56	1°20	29°27	18°31	16°24	0°13	21°52	20°37	21°16	5° 0	W25
T 26	22 17 59	3°32'57	1♌52	11°12	10° 6	15°32	1°33	29°26	18°30	16°22	0°14	21°46	20°33	21°23	5° 0	T 26
F 27	22 21 56	4°30'30	13°59	13° 7	11°19	16° 7	1°46	29°25	18°28	16°21	0°15	21°37	20°30	21°30	4°59	F 27
S 28	22 25 52	5°28'04	25°59	15° 2	12°32	16°43	1°59	29°25	18°27	16°19	0°17	21°26	20°27	21°36	4°58	S 28
S 29	22 29 49	6°25'40	7♍55	16°54	13°45	17°19	2°12	29°24	18°25	16°17	0°18	21°14	20°24	21°43	4°56	S 29
M30	22 33 46	7°23'16	19°48	18°46	14°58	17°55	2°26	29°24	18°24	16°16	0°19	21° 0	20°21	21°50	4°55	M30
T 31	22 37 42	8♍20'53	1♎39	20♍35	16♌11	18♏31	2♍39	29♐23	18♑23	16♓14	0♌20	20♐47	20♐18	21♍57	4♉54	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n43	7n20	4s40	20n44	0s51	22n 0	0s55	12s26	0s30	13n20	0n38	21s58	1n20	22s19	0s25	5s41	0s37	18n 8	2s 0	23s 7	23s 2	0s15	13n12	0n 4
M 2	17 28	2 45	5 0	20 42	0 38	21 57	0 52	12 38	0 31	13 16	0 38	21 58	1 19	22 20	0 25	5 41	0 37	18 8	2 0	23 7	23 2	0 17	13 13	0 4
T 3	17 13	1s55	5 7	20 37	0 25	21 54	0 49	12 50	0 32	13 12	0 38	21 58	1 19	22 20	0 25	5 42	0 37	18 8	2 0	23 7	23 2	0 20	13 13	0 4
W 4	16 57	6 29	5 0	20 30	0 13	21 50	0 47	13 1	0 33	13 7	0 38	21 58	1 19	22 20	0 25	5 42	0 37	18 8	2 0	23 6	23 2	0 23	13 13	0 4
T 5	16 41	10 50	4 41	20 20	0 0	21 45	0 44	13 13	0 34	13 3	0 38	21 58	1 19	22 21	0 25	5 43	0 37	18 7	2 0	23 6	23 2	0 25	13 13	0 4
F 6	16 24	14 48	4 9	20 9	0n12	21 40	0 41	13 24	0 35	12 59	0 38	21 58	1 19	22 21	0 25	5 44	0 37	18 7	2 0	23 6	23 1	0 28	13 12	0 3
S 7	16 7	18 14	3 26	19 55	0 23	21 34	0 38	13 36	0 36	12 54	0 38	21 59	1 19	22 21	0 25	5 44	0 37	18 7	2 0	23 6	23 1	0 31	13 12	0 3
S 8	15 51	20 54	2 32	19 38	0 34	21 27	0 35	13 48	0 37	12 50	0 38	21 59	1 18	22 21	0 25	5 45	0 37	18 7	2 0	23 6	23 1	0 33	13 12	0 3
M 9	15 33	22 37	1 30	19 19	0 44	21 20	0 32	13 59	0 38	12 45	0 38	21 59	1 18	22 22	0 25	5 45	0 37	18 6	2 0	23 6	23 1	0 36	13 12	0 3
T 10	15 16	23 11	0 21	18 57	0 53	21 12	0 30	14 11	0 38	12 41	0 38	21 59	1 18	22 22	0 25	5 46	0 37	18 6	2 0	23 6	23 1	0 38	13 12	0 3
W11	14 58	22 24	0n52	18 33	1 2	21 4	0 27	14 22	0 39	12 36	0 38	21 59	1 18	22 22	0 25	5 46	0 37	18 6	2 0	23 6	23 0	0 41	13 12	0 3
T 12	14 40	20 13	2 4	18 7	1 10	20 55	0 24	14 34	0 40	12 32	0 38	22 0	1 18	22 23	0 25	5 47	0 37	18 5	2 0	23 6	23 0	0 44	13 12	0 3
F 13	14 22	16 42	3 10	17 38	1 17	20 46	0 21	14 45	0 41	12 27	0 38	22 0	1 18	22 23	0 25	5 47	0 37	18 5	2 0	23 5	23 0	0 46	13 12	0 3
S 14	14 4	12 3	4 4	17 6	1 23	20 36	0 18	14 57	0 42	12 23	0 38	22 0	1 17	22 23	0 25	5 48	0 37	18 5	2 0	23 5	23 0	0 49	13 12	0 3
S 15	13 46	6 36	4 43	16 33	1 29	20 25	0 15	15 8	0 42	12 18	0 38	22 0	1 17	22 23	0 25	5 49	0 37	18 5	2 0	23 5	23 0	0 52	13 11	0 3
M16	13 27	0 44	5 2	15 58	1 34	20 14	0 13	15 20	0 43	12 14	0 38	22 0	1 17	22 24	0 25	5 49	0 37	18 4	1 59	23 4	22 59	0 54	13 11	0 3
T 17	13 8	5n 8	5 0	15 21	1 37	20 2	0 10	15 31	0 44	12 9	0 38	22 0	1 17	22 24	0 25	5 50	0 37	18 4	1 59	23 4	22 59	0 57	13 11	0 3
W18	12 49	10 37	4 37	14 42	1 41	19 49	0 7	15 42	0 45	12 5	0 39	22 1	1 17	22 24	0 25	5 50	0 37	18 4	1 59	23 3	22 59	0 59	13 11	0 3
T 19	12 29	15 21	3 58	14 1	1 43	19 36	0 4	15 54	0 45	12 0	0 39	22 1	1 16	22 24	0 25	5 51	0 37	18 4	1 59	23 3	22 59	1 2	13 10	0 3
F 20	12 10	19 6	3 4	13 20	1 44	19 23	0 1	16 5	0 46	11 56	0 39	22 1	1 16	22 25	0 25	5 52	0 37	18 3	1 59	23 3	22 59	1 5	13 10	0 2
S 21	11 50	21 40	2 2	12 37	1 45	19 9	0n 1	16 16	0 47	11 51	0 39	22 1	1 16	22 25	0 25	5 52	0 37	18 3	1 59	23 3	22 58	1 7	13 10	0 2
S 22	11 30	22 56	0 54	11 53	1 45	18 54	0 4	16 27	0 48	11 46	0 39	22 1	1 16	22 25	0 25	5 53	0 37	18 3	1 59	23 3	22 58	1 10	13 10	0 2
M23	11 10	22 57	0s14	11 9	1 44	18 39	0 7	16 38	0 48	11 42	0 39	22 1	1 16	22 25	0 25	5 53	0 37	18 3	1 59	23 3	22 58	1 13	13 9	0 2
T 24	10 50	21 45	1 20	10 23	1 43	18 23	0 9	16 49	0 49	11 37	0 39	22 2	1 16	22 25	0 25	5 54	0 37	18 2	1 59	23 3	22 58	1 15	13 9	0 2
W25	10 29	19 32	2 21	9 37	1 41	18 7	0 12	17 0	0 50	11 33	0 39	22 2	1 15	22 26	0 25	5 55	0 37	18 2	1 59	23 2	22 57	1 18	13 9	0 2
T 26	10 9	16 27	3 15	8 51	1 39	17 50	0 15	17 11	0 50	11 28	0 39	22 2	1 15	22 26	0 25	5 55	0 37	18 2	1 59	23 2	22 57	1 20	13 8	0 2
F 27	9 48	12 43	3 59	8 4	1 36	17 33	0 17	17 22	0 51	11 23	0 39	22 2	1 15	22 26	0 25	5 56	0 37	18 2	1 59	23 2	22 57	1 23	13 8	0 2
S 28	9 27	8 31	4 32	7 17	1 32	17 16	0 20	17 33	0 52	11 19	0 39	22 2	1 15	22 26	0 25	5 56	0 37	18 1	1 59	23 1	22 57	1 26	13 7	0 2
S 29	9 6	4 1	4 52	6 30	1 28	16 57	0 23	17 44	0 52	11 14	0 39	22 3	1 15	22 26	0 25	5 57	0 37	18 1	1 59	23 0	22 57	1 28	13 7	0 2
M30	8 45	0s36	5 0	5 42	1 24	16 39	0 25	17 55	0 53	11 9	0 39	22 3	1 14	22 27	0 25	5 58	0 37	18 1	1 59	22 59	22 56	1 31	13 7	0 2
T 31	8n23	5s10	4s55	4n55	1n19	16n20	0n28	18s 5	0s54	11n 5	0n39	22s 3	1n14	22s27	0s25	5s58	0s37	18n 1	1s59	22s58	22s56	1s33	13n 6	0n 2

Julian Day Number = 2877264.5, Delta T = 01h14m17s
Ecliptic obliquity = 23°17'17, Nutation = 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°03'47, Lahiri = 40°10'48

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ASTRODIENST EPHEMERIS for the year 3165
geocentric

SEPTEMBER 3165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 41 39	9♍18'31	13♎31	22♍23	17♌24	19♏ 7	2♍52	29°R23	18°R21	16°R12	0♌22	20°R35	20♐14	22♍ 3	4°R53	W 1
T 2	22 45 35	10°16'10	25°25	24°10	18°37	19°43	3° 5	29°D23	18♑20	16♓11	0°23	20♐26	20°11	22°10	4♉52	T 2
F 3	22 49 32	11°13'50	7♏25	25°55	19°50	20°20	3°18	29♐23	18°19	16° 9	0°24	20°19	20° 8	22°17	4°50	F 3
S 4	22 53 28	12°11'32	19°33	27°39	21° 4	20°56	3°32	29°23	18°18	16° 8	0°25	20°15	20° 5	22°23	4°49	S 4
S 5	22 57 25	13° 9'14	1♐54	29°21	22°17	21°33	3°45	29°23	18°17	16° 6	0°26	20°14	20° 2	22°30	4°48	S 5
M 6	23 1 21	14° 6'57	14°33	1♎ 2	23°30	22°10	3°58	29°24	18°16	16° 4	0°28	20°13	19°58	22°37	4°46	M 6
T 7	23 5 18	15° 4'41	27°35	2°42	24°43	22°47	4°11	29°24	18°15	16° 3	0°29	20°13	19°55	22°44	4°45	T 7
W 8	23 9 15	16° 2'26	11♑ 3	4°19	25°57	23°24	4°24	29°25	18°14	16° 1	0°30	20°12	19°52	22°50	4°43	W 8
T 9	23 13 11	17° 0'12	24°59	5°56	27°10	24° 2	4°37	29°25	18°13	15°59	0°31	20° 9	19°49	22°57	4°42	T 9
F 10	23 17 8	17°57'59	9♒25	7°31	28°24	24°39	4°50	29°26	18°12	15°58	0°32	20° 4	19°46	23° 4	4°40	F 10
S 11	23 21 4	18°55'48	24°17	9° 5	29°37	25°17	5° 3	29°27	18°11	15°56	0°33	19°56	19°43	23°11	4°38	S 11
S 12	23 25 1	19°53'37	9♓29	10°37	0♍51	25°54	5°16	29°28	18°11	15°54	0°34	19°46	19°39	23°17	4°37	S 12
M13	23 28 57	20°51'28	24°49	12° 8	2° 4	26°32	5°29	29°29	18°10	15°53	0°35	19°35	19°36	23°24	4°35	M13
T 14	23 32 54	21°49'20	10♈ 7	13°38	3°18	27°10	5°42	29°30	18° 9	15°51	0°36	19°24	19°33	23°31	4°33	T 14
W15	23 36 50	22°47'13	25°12	15° 6	4°31	27°48	5°55	29°31	18° 9	15°50	0°37	19°16	19°30	23°37	4°31	W15
T 16	23 40 47	23°45'09	9♉54	16°32	5°45	28°26	6° 8	29°32	18° 8	15°48	0°38	19° 9	19°27	23°44	4°29	T 16
F 17	23 44 44	24°43'06	24° 9	17°58	6°59	29° 5	6°21	29°33	18° 8	15°46	0°39	19° 5	19°24	23°51	4°27	F 17
S 18	23 48 40	25°41'05	7♊55	19°22	8°13	29°43	6°33	29°35	18° 7	15°45	0°40	19° 4	19°20	23°58	4°25	S 18
S 19	23 52 37	26°39'06	21°13	20°44	9°26	0♐22	6°46	29°36	18° 7	15°43	0°41	19° 4	19°17	24° 4	4°24	S 19
M20	23 56 33	27°37'08	4♋ 7	22° 5	10°40	1° 0	6°59	29°38	18° 6	15°42	0°42	19° 4	19°14	24°11	4°22	M20
T 21	0 0 30	28°35'13	16°40	23°24	11°54	1°39	7°12	29°40	18° 6	15°40	0°43	19° 2	19°11	24°18	4°19	T 21
W22	0 4 26	29°33'19	28°59	24°42	13° 8	2°18	7°24	29°42	18° 6	15°38	0°44	18°59	19° 8	24°25	4°17	W22
T 23	0 8 23	0♎31'27	11♌ 5	25°58	14°22	2°57	7°37	29°44	18° 6	15°37	0°45	18°54	19° 4	24°31	4°15	T 23
F 24	0 12 19	1°29'37	23° 4	27°12	15°36	3°36	7°50	29°46	18° 5	15°35	0°46	18°45	19° 1	24°38	4°13	F 24
S 25	0 16 16	2°27'49	4♍59	28°25	16°50	4°15	8° 2	29°48	18° 5	15°34	0°47	18°34	18°58	24°45	4°11	S 25
S 26	0 20 12	3°26'02	16°51	29°35	18° 4	4°55	8°15	29°50	18° 5	15°32	0°47	18°21	18°55	24°51	4° 9	S 26
M27	0 24 9	4°24'17	28°43	0♏44	19°18	5°34	8°27	29°52	18°D 5	15°31	0°48	18° 8	18°52	24°58	4° 6	M27
T 28	0 28 6	5°22'34	10♎36	1°51	20°32	6°14	8°40	29°55	18° 5	15°29	0°49	17°54	18°49	25° 5	4° 4	T 28
W29	0 32 2	6°20'53	22°31	2°55	21°46	6°53	8°52	29°57	18° 5	15°27	0°50	17°43	18°45	25°12	4° 2	W29
T 30	0 35 59	7♎19'13	4♏31	3♏57	23♍ 0	7♐33	9♍ 5	29♐59	18♑ 5	15♓26	0♌50	17♐33	18♐42	25♍18	4♉ 0	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n 2	9s33	4s37	4n 8	1n14	16n 0	0n30	18s16	0s54	11n 0	0n40	22s 3	1n14	22s27	0s25	5s59	0s37	18n 1	1s59	22s57	22s56	1s36	13n 6	0n 2
T 2	7 40	13 36	4 7	3 21	1 8	15 40	0 33	18 26	0 55	10 55	0 40	22 3	1 14	22 27	0 25	6 0	0 37	18 0	1 59	22 57	22 56	1 39	13 5	0 2
F 3	7 18	17 8	3 26	2 34	1 2	15 20	0 35	18 37	0 56	10 51	0 40	22 4	1 14	22 27	0 25	6 0	0 37	18 0	1 59	22 56	22 55	1 41	13 5	0 1
S 4	6 57	19 59	2 35	1 47	0 56	14 59	0 37	18 47	0 56	10 46	0 40	22 4	1 13	22 27	0 25	6 1	0 37	18 0	1 59	22 56	22 55	1 44	13 4	0 1
S 5	6 35	21 58	1 35	1 0	0 49	14 37	0 40	18 57	0 57	10 42	0 40	22 4	1 13	22 27	0 25	6 2	0 37	18 0	1 59	22 56	22 55	1 46	13 4	0 1
M 6	6 13	22 54	0 30	0 14	0 42	14 16	0 42	19 7	0 57	10 37	0 40	22 4	1 13	22 28	0 25	6 2	0 37	17 59	1 59	22 56	22 55	1 49	13 3	0 1
T 7	5 51	22 37	0n39	0s32	0 35	13 54	0 44	19 17	0 58	10 32	0 40	22 4	1 13	22 28	0 25	6 3	0 38	17 59	1 59	22 56	22 54	1 52	13 2	0 1
W 8	5 28	21 3	1 48	1 17	0 28	13 31	0 46	19 27	0 58	10 28	0 40	22 4	1 13	22 28	0 25	6 4	0 38	17 59	1 59	22 56	22 54	1 54	13 2	0 1
T 9	5 6	18 10	2 53	2 2	0 20	13 8	0 48	19 37	0 59	10 23	0 40	22 5	1 13	22 28	0 25	6 4	0 38	17 59	1 59	22 56	22 54	1 57	13 1	0 1
F 10	4 44	14 6	3 49	2 46	0 12	12 45	0 51	19 47	1 0	10 18	0 40	22 5	1 12	22 28	0 25	6 5	0 38	17 59	1 59	22 55	22 54	1 59	13 1	0 1
S 11	4 21	9 4	4 31	3 30	0 5	12 21	0 53	19 56	1 0	10 14	0 40	22 5	1 12	22 28	0 25	6 5	0 38	17 58	1 59	22 55	22 54	2 2	13 0	0 1
S 12	3 59	3 24	4 55	4 14	0s 3	11 57	0 55	20 6	1 1	10 9	0 40	22 5	1 12	22 28	0 25	6 6	0 38	17 58	1 59	22 54	22 53	2 4	12 59	0 1
M13	3 36	2n32	4 59	4 57	0 12	11 33	0 57	20 15	1 1	10 4	0 41	22 5	1 12	22 28	0 25	6 7	0 38	17 58	1 59	22 53	22 53	2 7	12 59	0 1
T 14	3 13	8 18	4 41	5 39	0 20	11 9	0 58	20 24	1 2	10 0	0 41	22 6	1 12	22 28	0 25	6 7	0 38	17 58	1 59	22 52	22 53	2 10	12 58	0 1
W15	2 51	13 28	4 4	6 21	0 28	10 44	1 0	20 33	1 2	9 55	0 41	22 6	1 11	22 28	0 25	6 8	0 38	17 58	1 59	22 51	22 53	2 12	12 57	0 1
T 16	2 28	17 43	3 11	7 2	0 37	10 18	1 2	20 42	1 3	9 50	0 41	22 6	1 11	22 28	0 25	6 9	0 38	17 57	1 59	22 51	22 52	2 15	12 57	0 0
F 17	2 5	20 45	2 8	7 42	0 45	9 53	1 4	20 51	1 3	9 46	0 41	22 6	1 11	22 29	0 25	6 9	0 38	17 57	1 59	22 51	22 52	2 17	12 56	0 0
S 18	1 42	22 27	0 59	8 22	0 54	9 27	1 5	21 0	1 4	9 41	0 41	22 6	1 11	22 29	0 25	6 10	0 38	17 57	1 59	22 50	22 52	2 20	12 55	0 0
S 19	1 19	22 49	0s11	9 1	1 3	9 1	1 7	21 9	1 4	9 37	0 41	22 7	1 11	22 29	0 25	6 11	0 38	17 57	1 59	22 50	22 52	2 22	12 54	0 0
M20	0 56	21 55	1 19	9 39	1 11	8 35	1 9	21 17	1 5	9 32	0 41	22 7	1 10	22 29	0 25	6 11	0 38	17 57	1 59	22 50	22 51	2 25	12 54	0 0
T 21	0 34	19 56	2 20	10 16	1 20	8 8	1 10	21 25	1 5	9 27	0 41	22 7	1 10	22 29	0 25	6 12	0 38	17 56	1 59	22 50	22 51	2 28	12 53	0 0
W22	0 11	17 4	3 14	10 53	1 29	7 41	1 12	21 34	1 6	9 23	0 41	22 7	1 10	22 29	0 24	6 12	0 38	17 56	1 58	22 50	22 51	2 30	12 52	0 0
T 23	0s12	13 31	3 58	11 29	1 37	7 14	1 13	21 42	1 6	9 18	0 42	22 7	1 10	22 29	0 24	6 13	0 38	17 56	1 58	22 50	22 51	2 33	12 51	0s 0
F 24	0 35	9 28	4 31	12 3	1 46	6 47	1 14	21 50	1 6	9 14	0 42	22 8	1 10	22 29	0 24	6 14	0 38	17 56	1 58	22 49	22 50	2 35	12 51	0 0
S 25	0 58	5 5	4 52	12 37	1 54	6 20	1 16	21 57	1 7	9 9	0 42	22 8	1 10	22 29	0 24	6 14	0 38	17 56	1 58	22 48	22 50	2 38	12 50	0 0
S 26	1 21	0 32	5 0	13 10	2 3	5 52	1 17	22 5	1 7	9 4	0 42	22 8	1 9	22 29	0 24	6 15	0 38	17 56	1 58	22 47	22 50	2 40	12 49	0 0
M27	1 44	4s 1	4 55	13 42	2 11	5 24	1 18	22 13	1 8	9 0	0 42	22 8	1 9	22 29	0 24	6 15	0 38	17 55	1 58	22 46	22 49	2 43	12 48	0 0
T 28	2 7	8 26	4 38	14 13	2 19	4 56	1 19	22 20	1 8	8 55	0 42	22 8	1 9	22 29	0 24	6 16	0 38	17 55	1 58	22 45	22 49	2 45	12 47	0 0
W29	2 30	12 33	4 8	14 43	2 27	4 28	1 20	22 27	1 9	8 51	0 42	22 8	1 9	22 29	0 24	6 17	0 38	17 55	1 58	22 43	22 49	2 48	12 47	0 0
T 30	2s53	16s11	3s27	15s12	2s35	4n 0	1n21	22s34	1s 9	8n46	0n42	22s 9	1n 9	22s29	0s24	6s17	0s38	17n55	1s58	22s43	22s49	2s51	12n46	0s 1

Julian Day Number = 2877295.5, Delta T = 01h14m18s
Ecliptic obliquity = 23°17'18, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°03'52, Lahiri = 40°10'52

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ASTRODIENST EPHEMERIS for the year 3165
geocentric

OCTOBER 3165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 39 55	8♎17'35	16♏36	4♏57	24♍15	8♐13	9♍17	0♑ 2	18♑ 6	15°R24	0♌51	17°R26	18♐39	25♍25	3°R57	F 1
S 2	0 43 52	9°15'58	28°50	5°54	25°29	8°53	9°29	0° 5	18° 6	15♓23	0°52	17♐22	18°36	25°32	3♉55	S 2
S 3	0 47 48	10°14'24	11♐15	6°49	26°43	9°33	9°41	0° 8	18° 6	15°22	0°53	17°21	18°33	25°38	3°52	S 3
M 4	0 51 45	11°12'50	23°55	7°40	27°57	10°13	9°54	0°11	18° 7	15°20	0°53	17°D21	18°29	25°45	3°50	M 4
T 5	0 55 41	12°11'18	6♑55	8°29	29°12	10°54	10° 6	0°14	18° 7	15°19	0°54	17°R21	18°26	25°52	3°47	T 5
W 6	0 59 38	13° 9'48	20°17	9°13	0♎26	11°34	10°18	0°17	18° 7	15°17	0°54	17°21	18°23	25°59	3°45	W 6
T 7	1 3 35	14° 8'19	4♒ 4	9°55	1°40	12°15	10°30	0°20	18° 8	15°16	0°55	17°20	18°20	26° 5	3°43	T 7
F 8	1 7 31	15° 6'52	18°19	10°32	2°55	12°55	10°42	0°23	18° 8	15°15	0°56	17°16	18°17	26°12	3°40	F 8
S 9	1 11 28	16° 5'26	2♓58	11° 4	4° 9	13°36	10°54	0°27	18° 9	15°13	0°56	17° 9	18°14	26°19	3°37	S 9
S 10	1 15 24	17° 4'02	17°58	11°33	5°24	14°17	11° 5	0°30	18°10	15°12	0°57	17° 2	18°10	26°26	3°35	S 10
M11	1 19 21	18° 2'40	3♈10	11°56	6°38	14°58	11°17	0°34	18°10	15°11	0°57	16°53	18° 7	26°32	3°32	M11
T 12	1 23 17	19° 1'19	18°24	12°14	7°53	15°39	11°29	0°37	18°11	15° 9	0°58	16°44	18° 4	26°39	3°30	T 12
W13	1 27 14	20° 0'00	3♉29	12°26	9° 7	16°20	11°41	0°41	18°12	15° 8	0°58	16°37	18° 1	26°46	3°27	W13
T 14	1 31 10	20°58'44	18°16	12°R31	10°22	17° 1	11°52	0°45	18°13	15° 7	0°58	16°31	17°58	26°52	3°24	T 14
F 15	1 35 7	21°57'29	2♊38	12°31	11°36	17°43	12° 4	0°49	18°14	15° 5	0°59	16°28	17°55	26°59	3°22	F 15
S 16	1 39 4	22°56'17	16°31	12°23	12°51	18°24	12°15	0°53	18°15	15° 4	0°59	16°D28	17°51	27° 6	3°19	S 16
S 17	1 43 0	23°55'07	29°56	12° 8	14° 6	19° 6	12°26	0°57	18°16	15° 3	1° 0	16°28	17°48	27°13	3°17	S 17
M18	1 46 57	24°53'59	12♋55	11°46	15°20	19°47	12°38	1° 1	18°17	15° 2	1° 0	16°29	17°45	27°19	3°14	M18
T 19	1 50 53	25°52'53	25°32	11°16	16°35	20°29	12°49	1° 5	18°18	15° 1	1° 0	16°R30	17°42	27°26	3°11	T 19
W20	1 54 50	26°51'49	7♌50	10°38	17°50	21°11	13° 0	1° 9	18°19	15° 0	1° 1	16°29	17°39	27°33	3° 8	W20
T 21	1 58 46	27°50'48	19°56	9°53	19° 4	21°53	13°11	1°14	18°20	14°58	1° 1	16°27	17°35	27°39	3° 6	T 21
F 22	2 2 43	28°49'48	1♍53	9° 1	20°19	22°35	13°22	1°18	18°22	14°57	1° 1	16°22	17°32	27°46	3° 3	F 22
S 23	2 6 39	29°48'51	13°45	8° 3	21°34	23°17	13°33	1°22	18°23	14°56	1° 1	16°15	17°29	27°53	3° 0	S 23
S 24	2 10 36	0♏47'56	25°36	7° 0	22°49	23°59	13°44	1°27	18°24	14°55	1° 1	16° 7	17°26	28° 0	2°58	S 24
M25	2 14 33	1°47'03	7♎29	5°52	24° 3	24°41	13°55	1°32	18°26	14°54	1° 2	15°59	17°23	28° 6	2°55	M25
T 26	2 18 29	2°46'13	19°26	4°42	25°18	25°23	14° 6	1°36	18°27	14°53	1° 2	15°50	17°20	28°13	2°52	T 26
W27	2 22 26	3°45'24	1♏29	3°32	26°33	26° 6	14°16	1°41	18°29	14°52	1° 2	15°43	17°16	28°20	2°50	W27
T 28	2 26 22	4°44'37	13°38	2°22	27°48	26°48	14°27	1°46	18°30	14°51	1° 2	15°37	17°13	28°26	2°47	T 28
F 29	2 30 19	5°43'52	25°55	1°16	29° 3	27°31	14°37	1°51	18°32	14°51	1° 2	15°33	17°10	28°33	2°44	F 29
S 30	2 34 15	6°43'10	8♐22	0°15	0♏18	28°14	14°47	1°56	18°33	14°50	1° 2	15°31	17° 7	28°40	2°41	S 30
S 31	2 38 12	7♏42'29	21♐ 0	29♎21	1♏33	28♐57	14♍58	2♑ 1	18♑35	14♓49	1♌ 2	15°D31	17♐ 4	28♍47	2♉39	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s16	19s11	2s36	15s39	2s43	3n32	1n22	22s41	1s 9	8n42	0n42	22s 9	1n 8	22s29	0s24	6s18	0s38	17n55	1s58	22s42	22s48	2s53	12n45	0s 1
S 2	3 39	21 21	1 37	16 5	2 50	3 3	1 23	22 47	1 10	8 37	0 43	22 9	1 8	22 29	0 24	6 18	0 38	17 55	1 58	22 42	22 48	2 56	12 44	0 1
S 3	4 2	22 31	0 32	16 30	2 58	2 34	1 23	22 54	1 10	8 33	0 43	22 9	1 8	22 29	0 24	6 19	0 38	17 55	1 58	22 41	22 48	2 58	12 43	0 1
M 4	4 25	22 34	0n35	16 53	3 4	2 6	1 24	23 0	1 10	8 28	0 43	22 9	1 8	22 28	0 24	6 19	0 38	17 54	1 58	22 41	22 48	3 1	12 42	0 1
T 5	4 47	21 24	1 42	17 15	3 11	1 37	1 25	23 6	1 11	8 24	0 43	22 10	1 8	22 28	0 24	6 20	0 38	17 54	1 58	22 41	22 47	3 3	12 41	0 1
W 6	5 10	19 2	2 46	17 36	3 17	1 8	1 25	23 12	1 11	8 20	0 43	22 10	1 8	22 28	0 24	6 20	0 38	17 54	1 58	22 41	22 47	3 6	12 40	0 1
T 7	5 33	15 31	3 42	17 54	3 23	0 39	1 26	23 18	1 12	8 15	0 43	22 10	1 7	22 28	0 24	6 21	0 38	17 54	1 58	22 41	22 47	3 8	12 39	0 1
F 8	5 55	11 1	4 27	18 11	3 28	0 10	1 26	23 24	1 12	8 11	0 43	22 10	1 7	22 28	0 24	6 22	0 38	17 54	1 58	22 41	22 46	3 11	12 39	0 1
S 9	6 17	5 45	4 55	18 26	3 33	0s19	1 27	23 29	1 12	8 6	0 44	22 10	1 7	22 28	0 24	6 22	0 38	17 54	1 58	22 40	22 46	3 13	12 38	0 1
S 10	6 40	0 3	5 4	18 39	3 37	0 48	1 27	23 34	1 13	8 2	0 44	22 10	1 7	22 28	0 24	6 23	0 38	17 54	1 58	22 40	22 46	3 16	12 37	0 1
M11	7 2	5n43	4 52	18 49	3 41	1 17	1 27	23 39	1 13	7 58	0 44	22 11	1 7	22 28	0 24	6 23	0 38	17 54	1 58	22 39	22 46	3 19	12 36	0 1
T 12	7 24	11 10	4 20	18 57	3 43	1 46	1 27	23 44	1 13	7 53	0 44	22 11	1 7	22 28	0 24	6 24	0 38	17 54	1 58	22 38	22 45	3 21	12 35	0 1
W13	7 46	15 52	3 29	19 2	3 45	2 15	1 27	23 49	1 13	7 49	0 44	22 11	1 6	22 28	0 24	6 24	0 38	17 54	1 58	22 37	22 45	3 24	12 34	0 2
T 14	8 8	19 29	2 25	19 5	3 46	2 44	1 27	23 53	1 14	7 45	0 44	22 11	1 6	22 27	0 24	6 25	0 38	17 53	1 58	22 37	22 45	3 26	12 33	0 2
F 15	8 30	21 45	1 14	19 4	3 45	3 13	1 27	23 57	1 14	7 41	0 44	22 11	1 6	22 27	0 24	6 25	0 38	17 53	1 58	22 36	22 45	3 29	12 32	0 2
S 16	8 52	22 36	0s 0	19 0	3 44	3 42	1 27	24 1	1 14	7 36	0 44	22 11	1 6	22 27	0 24	6 25	0 38	17 53	1 58	22 36	22 44	3 31	12 31	0 2
S 17	9 13	22 5	1 12	18 53	3 41	4 11	1 27	24 5	1 15	7 32	0 45	22 11	1 6	22 27	0 24	6 26	0 38	17 53	1 58	22 36	22 44	3 34	12 30	0 2
M18	9 35	20 23	2 17	18 42	3 37	4 40	1 27	24 8	1 15	7 28	0 45	22 12	1 6	22 27	0 24	6 26	0 38	17 53	1 58	22 36	22 44	3 36	12 29	0 2
T 19	9 56	17 43	3 14	18 27	3 31	5 9	1 27	24 12	1 15	7 24	0 45	22 12	1 5	22 27	0 24	6 27	0 38	17 53	1 58	22 36	22 43	3 39	12 28	0 2
W20	10 17	14 19	4 1	18 8	3 23	5 37	1 26	24 15	1 15	7 20	0 45	22 12	1 5	22 27	0 24	6 27	0 38	17 53	1 58	22 36	22 43	3 41	12 27	0 2
T 21	10 39	10 23	4 36	17 45	3 14	6 6	1 26	24 18	1 16	7 16	0 45	22 12	1 5	22 26	0 24	6 28	0 38	17 53	1 58	22 36	22 43	3 44	12 26	0 2
F 22	10 59	6 6	4 58	17 18	3 2	6 34	1 25	24 21	1 16	7 12	0 45	22 12	1 5	22 26	0 24	6 28	0 38	17 53	1 58	22 36	22 42	3 46	12 25	0 2
S 23	11 20	1 37	5 7	16 47	2 49	7 3	1 25	24 23	1 16	7 8	0 46	22 12	1 5	22 26	0 24	6 28	0 38	17 53	1 58	22 35	22 42	3 49	12 24	0 2
S 24	11 41	2s55	5 3	16 12	2 35	7 31	1 24	24 25	1 16	7 4	0 46	22 12	1 5	22 26	0 24	6 29	0 38	17 53	1 58	22 34	22 42	3 51	12 23	0 2
M25	12 1	7 21	4 46	15 34	2 18	7 59	1 23	24 27	1 16	7 0	0 46	22 12	1 4	22 26	0 24	6 29	0 38	17 53	1 58	22 33	22 42	3 54	12 22	0 2
T 26	12 21	11 31	4 17	14 54	2 0	8 27	1 23	24 29	1 17	6 56	0 46	22 12	1 4	22 25	0 24	6 30	0 38	17 53	1 58	22 32	22 41	3 56	12 21	0 3
W27	12 41	15 17	3 36	14 12	1 41	8 55	1 22	24 31	1 17	6 52	0 46	22 13	1 4	22 25	0 24	6 30	0 38	17 53	1 58	22 32	22 41	3 59	12 20	0 3
T 28	13 1	18 27	2 44	13 29	1 21	9 22	1 21	24 32	1 17	6 48	0 46	22 13	1 4	22 25	0 24	6 30	0 38	17 53	1 58	22 31	22 41	4 1	12 19	0 3
F 29	13 21	20 48	1 44	12 47	1 1	9 49	1 20	24 33	1 17	6 44	0 46	22 13	1 4	22 25	0 24	6 31	0 38	17 53	1 58	22 31	22 40	4 4	12 18	0 3
S 30	13 40	22 12	0 39	12 7	0 40	10 16	1 19	24 34	1 17	6 40	0 47	22 13	1 4	22 24	0 24	6 31	0 38	17 53	1 58	22 30	22 40	4 6	12 17	0 3
S 31	14s 0	22s29	0n30	11s29	0s20	10s43	1n18	24s35	1s18	6n37	0n47	22s13	1n 4	22s24	0s24	6s31	0s38	17n53	1s58	22s30	22s40	4s 9	12n16	0s 3

Julian Day Number = 2877325.5, Delta T = 01h14m18s
Ecliptic obliquity = 23°17'17, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°03'56, Lahiri = 40°10'56

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ASTRODIENST EPHEMERIS for the year 3165
geocentric

NOVEMBER 3165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 42 8	8♏41'50	3♑51	28°R35	2♏48	29♐40	15♍ 8	2♑ 6	18♑37	14°R48	1°R 2	15♐32	17♐ 1	28♍53	2°R36	M 1
T 2	2 46 5	9°41'12	16°57	27♎58	4° 3	0♑23	15°18	2°11	18°39	14♓47	1♌ 2	15°33	16°57	29° 0	2♉33	T 2
W 3	2 50 2	10°40'36	0♒21	27°32	5°18	1° 6	15°28	2°16	18°40	14°47	1° 2	15°35	16°54	29° 7	2°31	W 3
T 4	2 53 58	11°40'02	14° 4	27°17	6°33	1°49	15°38	2°22	18°42	14°46	1° 2	15°R35	16°51	29°14	2°28	T 4
F 5	2 57 55	12°39'30	28° 7	27°D13	7°48	2°32	15°47	2°27	18°44	14°45	1° 2	15°34	16°48	29°20	2°25	F 5
S 6	3 1 51	13°38'59	12♓30	27°20	9° 3	3°15	15°57	2°32	18°46	14°44	1° 2	15°32	16°45	29°27	2°23	S 6
S 7	3 5 48	14°38'30	27° 8	27°38	10°18	3°59	16° 7	2°38	18°48	14°44	1° 2	15°28	16°41	29°34	2°20	S 7
M 8	3 9 44	15°38'02	11♈58	28° 6	11°33	4°42	16°16	2°43	18°50	14°43	1° 2	15°24	16°38	29°40	2°17	M 8
T 9	3 13 41	16°37'37	26°52	28°43	12°48	5°26	16°25	2°49	18°52	14°43	1° 1	15°20	16°35	29°47	2°15	T 9
W10	3 17 37	17°37'13	11♉41	29°29	14° 3	6° 9	16°35	2°55	18°55	14°42	1° 1	15°16	16°32	29°54	2°12	W10
T 11	3 21 34	18°36'51	26°17	0♏23	15°18	6°53	16°44	3° 0	18°57	14°42	1° 1	15°14	16°29	0♎ 1	2°10	T 11
F 12	3 25 30	19°36'31	10♊35	1°23	16°33	7°37	16°53	3° 6	18°59	14°41	1° 1	15°D13	16°26	0° 7	2° 7	F 12
S 13	3 29 27	20°36'13	24°29	2°30	17°48	8°21	17° 2	3°12	19° 1	14°41	1° 0	15°13	16°22	0°14	2° 4	S 13
S 14	3 33 24	21°35'57	7♋58	3°42	19° 3	9° 4	17°10	3°18	19° 4	14°40	1° 0	15°14	16°19	0°21	2° 2	S 14
M15	3 37 20	22°35'44	21° 2	4°59	20°18	9°48	17°19	3°24	19° 6	14°40	1° 0	15°15	16°16	0°27	1°59	M15
T 16	3 41 17	23°35'32	3♌44	6°19	21°33	10°33	17°27	3°29	19° 8	14°40	0°59	15°17	16°13	0°34	1°57	T 16
W17	3 45 13	24°35'23	16° 6	7°43	22°48	11°17	17°36	3°35	19°11	14°39	0°59	15°18	16°10	0°41	1°54	W17
T 18	3 49 10	25°35'16	28°14	9°10	24° 3	12° 1	17°44	3°42	19°13	14°39	0°59	15°R18	16° 7	0°48	1°52	T 18
F 19	3 53 6	26°35'10	10♍12	10°39	25°19	12°45	17°52	3°48	19°16	14°39	0°58	15°18	16° 3	0°54	1°50	F 19
S 20	3 57 3	27°35'07	22° 5	12°10	26°34	13°30	18° 0	3°54	19°18	14°38	0°58	15°16	16° 0	1° 1	1°47	S 20
S 21	4 0 59	28°35'06	3♎57	13°43	27°49	14°14	18° 8	4° 0	19°21	14°38	0°57	15°14	15°57	1° 8	1°45	S 21
M22	4 4 56	29°35'07	15°52	15°17	29° 4	14°59	18°16	4° 6	19°23	14°38	0°57	15°11	15°54	1°14	1°43	M22
T 23	4 8 53	0♐35'10	27°53	16°51	0♐19	15°43	18°24	4°13	19°26	14°38	0°56	15° 9	15°51	1°21	1°40	T 23
W24	4 12 49	1°35'15	10♏ 3	18°27	1°35	16°28	18°31	4°19	19°29	14°38	0°56	15° 7	15°47	1°28	1°38	W24
T 25	4 16 46	2°35'22	22°24	20° 3	2°50	17°13	18°38	4°25	19°31	14°38	0°55	15° 5	15°44	1°35	1°36	T 25
F 26	4 20 42	3°35'31	4♐57	21°40	4° 5	17°57	18°46	4°32	19°34	14°D38	0°55	15° 5	15°41	1°41	1°34	F 26
S 27	4 24 39	4°35'41	17°43	23°16	5°20	18°42	18°53	4°38	19°37	14°38	0°54	15°D 4	15°38	1°48	1°31	S 27
S 28	4 28 35	5°35'54	0♑42	24°53	6°35	19°27	19° 0	4°45	19°40	14°38	0°53	15° 5	15°35	1°55	1°29	S 28
M29	4 32 32	6°36'07	13°54	26°30	7°51	20°12	19° 7	4°51	19°43	14°38	0°53	15° 5	15°32	2° 1	1°27	M29
T 30	4 36 29	7♐36'23	27♑19	28♏ 7	9♐ 6	20♑57	19♍13	4♑58	19♑46	14♓38	0♌52	15♐ 6	15♐28	2♎ 8	1♉25	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s19	21s36	1n38	10s54	0n 0	11s10	1n17	24s35	1s18	6n33	0n47	22s13	1n 3	22s24	0s24	6s32	0s38	17n53	1s58	22s30	22s39	4s11	12n15	0s 3
T 2	14 37	19 31	2 43	10 23	0 19	11 36	1 16	24 35	1 18	6 29	0 47	22 13	1 3	22 24	0 24	6 32	0 38	17 53	1 58	22 31	22 39	4 14	12 14	0 3
W 3	14 56	16 21	3 40	9 58	0 37	12 2	1 14	24 35	1 18	6 25	0 47	22 13	1 3	22 23	0 24	6 32	0 38	17 53	1 58	22 31	22 39	4 16	12 13	0 3
T 4	15 14	12 15	4 27	9 37	0 53	12 28	1 13	24 35	1 18	6 22	0 48	22 13	1 3	22 23	0 24	6 32	0 37	17 53	1 58	22 31	22 39	4 19	12 12	0 3
F 5	15 32	7 23	4 58	9 22	1 7	12 53	1 12	24 34	1 18	6 18	0 48	22 13	1 3	22 23	0 24	6 33	0 37	17 53	1 58	22 31	22 38	4 21	12 11	0 3
S 6	15 50	2 1	5 12	9 13	1 20	13 19	1 10	24 33	1 18	6 15	0 48	22 13	1 3	22 23	0 24	6 33	0 37	17 53	1 58	22 30	22 38	4 24	12 10	0 3
S 7	16 8	3n33	5 6	9 8	1 32	13 43	1 9	24 32	1 18	6 11	0 48	22 13	1 3	22 22	0 24	6 33	0 37	17 53	1 58	22 30	22 38	4 26	12 9	0 3
M 8	16 25	9 0	4 40	9 9	1 41	14 8	1 7	24 31	1 19	6 8	0 48	22 13	1 2	22 22	0 24	6 33	0 37	17 53	1 58	22 30	22 37	4 29	12 8	0 4
T 9	16 42	13 56	3 54	9 15	1 49	14 32	1 6	24 29	1 19	6 4	0 48	22 13	1 2	22 22	0 24	6 34	0 37	17 53	1 58	22 29	22 37	4 31	12 7	0 4
W10	16 59	18 0	2 54	9 25	1 56	14 56	1 4	24 27	1 19	6 1	0 49	22 13	1 2	22 21	0 24	6 34	0 37	17 53	1 58	22 29	22 37	4 33	12 6	0 4
T 11	17 15	20 51	1 42	9 39	2 1	15 19	1 3	24 25	1 19	5 57	0 49	22 13	1 2	22 21	0 24	6 34	0 37	17 53	1 58	22 29	22 36	4 36	12 5	0 4
F 12	17 31	22 19	0 25	9 56	2 5	15 42	1 1	24 23	1 19	5 54	0 49	22 13	1 2	22 21	0 24	6 34	0 37	17 53	1 58	22 28	22 36	4 38	12 4	0 4
S 13	17 47	22 20	0s51	10 16	2 7	16 5	0 59	24 20	1 19	5 51	0 49	22 13	1 2	22 21	0 24	6 34	0 37	17 53	1 58	22 28	22 36	4 41	12 3	0 4
S 14	18 3	21 1	2 2	10 40	2 8	16 27	0 57	24 18	1 19	5 48	0 49	22 13	1 2	22 20	0 24	6 35	0 37	17 53	1 58	22 29	22 35	4 43	12 3	0 4
M15	18 18	18 37	3 5	11 5	2 8	16 49	0 55	24 14	1 19	5 44	0 50	22 13	1 1	22 20	0 24	6 35	0 37	17 54	1 58	22 29	22 35	4 46	12 2	0 4
T 16	18 33	15 22	3 56	11 32	2 8	17 10	0 54	24 11	1 19	5 41	0 50	22 13	1 1	22 20	0 24	6 35	0 37	17 54	1 58	22 29	22 35	4 48	12 1	0 4
W17	18 48	11 31	4 35	12 1	2 6	17 31	0 52	24 8	1 19	5 38	0 50	22 13	1 1	22 19	0 24	6 35	0 37	17 54	1 58	22 29	22 34	4 51	12 0	0 4
T 18	19 2	7 17	5 2	12 30	2 3	17 52	0 50	24 4	1 19	5 35	0 50	22 13	1 1	22 19	0 24	6 35	0 37	17 54	1 58	22 29	22 34	4 53	11 59	0 4
F 19	19 16	2 50	5 14	13 1	2 0	18 12	0 48	24 0	1 19	5 32	0 50	22 13	1 1	22 18	0 24	6 35	0 37	17 54	1 58	22 29	22 34	4 56	11 58	0 4
S 20	19 30	1s41	5 13	13 32	1 57	18 31	0 46	23 55	1 19	5 29	0 51	22 13	1 1	22 18	0 24	6 35	0 37	17 54	1 58	22 29	22 33	4 58	11 57	0 4
S 21	19 43	6 8	4 59	14 4	1 52	18 50	0 44	23 51	1 19	5 26	0 51	22 13	1 1	22 18	0 24	6 35	0 37	17 54	1 58	22 29	22 33	5 0	11 56	0 4
M22	19 56	10 23	4 32	14 36	1 48	19 9	0 42	23 46	1 19	5 24	0 51	22 13	1 1	22 17	0 24	6 35	0 37	17 54	1 58	22 28	22 33	5 3	11 55	0 5
T 23	20 9	14 16	3 52	15 8	1 43	19 27	0 40	23 41	1 19	5 21	0 51	22 13	1 1	22 17	0 24	6 35	0 37	17 54	1 58	22 28	22 32	5 5	11 54	0 5
W24	20 21	17 37	3 2	15 39	1 37	19 44	0 37	23 35	1 19	5 18	0 51	22 13	1 0	22 17	0 24	6 35	0 37	17 54	1 58	22 28	22 32	5 8	11 54	0 5
T 25	20 33	20 13	2 2	16 11	1 31	20 1	0 35	23 30	1 19	5 15	0 52	22 13	1 0	22 16	0 24	6 35	0 37	17 55	1 58	22 28	22 32	5 10	11 53	0 5
F 26	20 44	21 54	0 56	16 41	1 25	20 17	0 33	23 24	1 19	5 13	0 52	22 12	1 0	22 16	0 24	6 35	0 37	17 55	1 58	22 28	22 31	5 13	11 52	0 5
S 27	20 55	22 29	0n15	17 12	1 19	20 33	0 31	23 18	1 19	5 10	0 52	22 12	1 0	22 15	0 24	6 35	0 37	17 55	1 58	22 27	22 31	5 15	11 51	0 5
S 28	21 6	21 52	1 26	17 42	1 13	20 48	0 29	23 11	1 19	5 8	0 52	22 12	1 0	22 15	0 24	6 35	0 37	17 55	1 58	22 28	22 31	5 17	11 50	0 5
M29	21 16	20 2	2 33	18 11	1 6	21 3	0 26	23 5	1 19	5 5	0 52	22 12	1 0	22 15	0 24	6 35	0 37	17 55	1 58	22 28	22 30	5 20	11 50	0 5
T 30	21s26	17s 4	3n33	18s39	0n59	21s17	0n24	22s58	1s19	5n 3	0n53	22s12	1n 0	22s14	0s24	6s35	0s37	17n55	1s58	22s28	22s30	5s22	11n49	0s 5

Julian Day Number = 2877356.5, Delta T = 01h14m19s
Ecliptic obliquity = 23°17'17, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°04'00, Lahiri = 40°11'01

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ASTRODIENST EPHEMERIS for the year 3165
geocentric

DECEMBER 3165 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 40 25	8♐36'39	10♒57	29♏44	10♐21	21♑42	19♍20	5♑ 4	19♑49	14♓38	0°R51	15♐ 7	15♐25	2♎15	1°R23	W 1
T 2	4 44 22	9°36'57	24°46	1♐21	11°36	22°27	19°26	5°11	19°51	14°38	0♌51	15° 7	15°22	2°22	1♉21	T 2
F 3	4 48 18	10°37'17	8♓47	2°58	12°52	23°13	19°32	5°18	19°54	14°39	0°50	15°R 7	15°19	2°28	1°19	F 3
S 4	4 52 15	11°37'37	22°58	4°35	14° 7	23°58	19°38	5°24	19°57	14°39	0°49	15° 7	15°16	2°35	1°17	S 4
S 5	4 56 11	12°37'59	7♈17	6°11	15°22	24°43	19°44	5°31	20° 1	14°39	0°49	15° 7	15°12	2°42	1°15	S 5
M 6	5 0 8	13°38'22	21°41	7°47	16°38	25°29	19°50	5°38	20° 4	14°40	0°48	15° 7	15° 9	2°49	1°13	M 6
T 7	5 4 4	14°38'47	6♉ 6	9°23	17°53	26°14	19°55	5°44	20° 7	14°40	0°47	15°D 7	15° 6	2°55	1°12	T 7
W 8	5 8 1	15°39'13	20°27	10°59	19° 8	27° 0	20° 1	5°51	20°10	14°40	0°46	15° 7	15° 3	3° 2	1°10	W 8
T 9	5 11 58	16°39'40	4♊40	12°34	20°23	27°45	20° 6	5°58	20°13	14°41	0°45	15° 7	15° 0	3° 9	1° 8	T 9
F 10	5 15 54	17°40'09	18°39	14°10	21°39	28°31	20°11	6° 5	20°16	14°41	0°45	15°R 7	14°57	3°15	1° 6	F 10
S 11	5 19 51	18°40'39	2♋22	15°45	22°54	29°17	20°16	6°12	20°19	14°42	0°44	15° 7	14°53	3°22	1° 5	S 11
S 12	5 23 47	19°41'11	15°45	17°20	24° 9	0♒ 2	20°21	6°19	20°23	14°42	0°43	15° 7	14°50	3°29	1° 3	S 12
M13	5 27 44	20°41'44	28°48	18°55	25°25	0°48	20°25	6°26	20°26	14°43	0°42	15° 6	14°47	3°36	1° 2	M13
T 14	5 31 40	21°42'19	11♌31	20°30	26°40	1°34	20°30	6°33	20°29	14°43	0°41	15° 5	14°44	3°42	1° 0	T 14
W15	5 35 37	22°42'55	23°57	22° 4	27°55	2°20	20°34	6°40	20°32	14°44	0°40	15° 4	14°41	3°49	0°59	W15
T 16	5 39 33	23°43'33	6♍ 7	23°39	29°10	3° 6	20°38	6°47	20°36	14°45	0°39	15° 3	14°38	3°56	0°57	T 16
F 17	5 43 30	24°44'12	18° 7	25°13	0♑26	3°52	20°42	6°54	20°39	14°45	0°38	15° 3	14°34	4° 2	0°56	F 17
S 18	5 47 27	25°44'53	0♎ 1	26°47	1°41	4°38	20°46	7° 1	20°42	14°46	0°37	15°D 3	14°31	4° 9	0°55	S 18
S 19	5 51 23	26°45'35	11°53	28°21	2°56	5°24	20°49	7° 8	20°46	14°47	0°36	15° 3	14°28	4°16	0°53	S 19
M20	5 55 20	27°46'19	23°48	29°55	4°12	6°10	20°53	7°15	20°49	14°48	0°35	15° 4	14°25	4°23	0°52	M20
T 21	5 59 16	28°47'04	5♏51	1♑29	5°27	6°57	20°56	7°22	20°53	14°49	0°34	15° 6	14°22	4°29	0°51	T 21
W22	6 3 13	29°47'51	18° 5	3° 3	6°42	7°43	20°59	7°29	20°56	14°49	0°33	15° 7	14°18	4°36	0°50	W22
T 23	6 7 9	0♑48'39	0♐35	4°37	7°58	8°29	21° 2	7°36	20°59	14°50	0°32	15° 8	14°15	4°43	0°49	T 23
F 24	6 11 6	1°49'29	13°22	6°11	9°13	9°15	21° 4	7°43	21° 3	14°51	0°31	15°R 8	14°12	4°49	0°48	F 24
S 25	6 15 2	2°50'19	26°27	7°45	10°29	10° 2	21° 7	7°50	21° 6	14°52	0°30	15° 8	14° 9	4°56	0°47	S 25
S 26	6 18 59	3°51'11	9♑50	9°19	11°44	10°48	21° 9	7°57	21°10	14°53	0°29	15° 7	14° 6	5° 3	0°46	S 26
M27	6 22 56	4°52'03	23°29	10°53	12°59	11°35	21°11	8° 4	21°13	14°54	0°28	15° 5	14° 3	5°10	0°45	M27
T 28	6 26 52	5°52'57	7♒22	12°27	14°15	12°21	21°13	8°11	21°17	14°55	0°27	15° 2	13°59	5°16	0°44	T 28
W29	6 30 49	6°53'51	21°26	14° 1	15°30	13° 8	21°15	8°18	21°20	14°56	0°26	14°58	13°56	5°23	0°44	W29
T 30	6 34 45	7°54'46	5♓35	15°35	16°45	13°54	21°16	8°25	21°24	14°58	0°24	14°55	13°53	5°30	0°43	T 30
F 31	6 38 42	8♑55'41	19♓48	17♑ 9	18♑ 1	14♒41	21♍18	8♑33	21♑28	14♓59	0♌23	14♐53	13♐50	5♎36	0♉42	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s36	13s10	4n23	19s 7	0n52	21s30	0n22	22s51	1s19	5n 1	0n53	22s12	1n 0	22s14	0s24	6s35	0s37	17n56	1s58	22s28	22s30	5s25	11n48	0s 5
T 2	21 45	8 30	4 57	19 33	0 46	21 43	0 19	22 43	1 19	4 58	0 53	22 12	1 0	22 13	0 24	6 35	0 37	17 56	1 58	22 28	22 29	5 27	11 47	0 5
F 3	21 54	3 21	5 15	19 59	0 39	21 55	0 17	22 36	1 19	4 56	0 53	22 12	0 59	22 13	0 24	6 35	0 37	17 56	1 58	22 28	22 29	5 30	11 46	0 5
S 4	22 2	2n 3	5 14	20 24	0 32	22 6	0 15	22 28	1 19	4 54	0 54	22 11	0 59	22 12	0 24	6 35	0 37	17 56	1 57	22 28	22 29	5 32	11 46	0 5
S 5	22 10	7 23	4 54	20 48	0 25	22 17	0 12	22 20	1 18	4 52	0 54	22 11	0 59	22 12	0 24	6 35	0 37	17 56	1 57	22 28	22 28	5 34	11 45	0 5
M 6	22 18	12 21	4 15	21 11	0 18	22 27	0 10	22 12	1 18	4 50	0 54	22 11	0 59	22 11	0 24	6 35	0 37	17 56	1 57	22 28	22 28	5 37	11 44	0 6
T 7	22 25	16 37	3 20	21 33	0 11	22 37	0 7	22 3	1 18	4 48	0 54	22 11	0 59	22 11	0 24	6 34	0 37	17 57	1 57	22 28	22 28	5 39	11 44	0 6
W 8	22 31	19 53	2 13	21 53	0 4	22 46	0 5	21 54	1 18	4 46	0 54	22 11	0 59	22 11	0 24	6 34	0 37	17 57	1 57	22 28	22 27	5 42	11 43	0 6
T 9	22 37	21 53	0 58	22 13	0s 3	22 54	0 3	21 45	1 18	4 44	0 55	22 10	0 59	22 10	0 24	6 34	0 37	17 57	1 57	22 28	22 27	5 44	11 42	0 6
F 10	22 43	22 29	0s20	22 31	0 10	23 1	0 0	21 36	1 18	4 42	0 55	22 10	0 59	22 10	0 24	6 34	0 37	17 57	1 57	22 28	22 27	5 46	11 42	0 6
S 11	22 49	21 42	1 34	22 49	0 17	23 8	0s 2	21 26	1 18	4 41	0 55	22 10	0 59	22 9	0 24	6 34	0 37	17 57	1 57	22 28	22 26	5 49	11 41	0 6
S 12	22 53	19 41	2 42	23 5	0 23	23 14	0 5	21 17	1 17	4 39	0 55	22 10	0 59	22 9	0 24	6 33	0 37	17 58	1 57	22 28	22 26	5 51	11 40	0 6
M13	22 58	16 41	3 39	23 20	0 30	23 19	0 7	21 7	1 17	4 37	0 56	22 10	0 59	22 8	0 24	6 33	0 37	17 58	1 57	22 28	22 26	5 54	11 40	0 6
T 14	23 2	12 59	4 24	23 33	0 37	23 24	0 9	20 56	1 17	4 36	0 56	22 9	0 58	22 8	0 24	6 33	0 37	17 58	1 57	22 28	22 25	5 56	11 39	0 6
W15	23 5	8 48	4 56	23 46	0 43	23 28	0 12	20 46	1 17	4 35	0 56	22 9	0 58	22 7	0 24	6 33	0 37	17 58	1 57	22 27	22 25	5 58	11 39	0 6
T 16	23 8	4 21	5 13	23 57	0 49	23 31	0 14	20 35	1 17	4 33	0 56	22 9	0 58	22 7	0 24	6 32	0 37	17 59	1 57	22 27	22 24	6 1	11 38	0 6
F 17	23 11	0s11	5 16	24 7	0 55	23 34	0 17	20 24	1 17	4 32	0 57	22 8	0 58	22 6	0 24	6 32	0 37	17 59	1 57	22 27	22 24	6 3	11 38	0 6
S 18	23 13	4 41	5 6	24 16	1 1	23 36	0 19	20 13	1 16	4 31	0 57	22 8	0 58	22 6	0 24	6 32	0 37	17 59	1 57	22 27	22 24	6 6	11 37	0 6
S 19	23 15	9 1	4 43	24 24	1 7	23 37	0 21	20 2	1 16	4 29	0 57	22 8	0 58	22 5	0 24	6 32	0 37	17 59	1 57	22 27	22 23	6 8	11 37	0 6
M20	23 16	13 1	4 7	24 30	1 13	23 37	0 24	19 50	1 16	4 28	0 57	22 8	0 58	22 5	0 24	6 31	0 37	17 59	1 57	22 27	22 23	6 10	11 36	0 7
T 21	23 17	16 32	3 21	24 35	1 18	23 37	0 26	19 39	1 16	4 27	0 58	22 7	0 58	22 4	0 24	6 31	0 37	18 0	1 57	22 28	22 23	6 13	11 36	0 7
W22	23 17	19 25	2 24	24 39	1 23	23 35	0 28	19 27	1 16	4 26	0 58	22 7	0 58	22 4	0 24	6 31	0 37	18 0	1 57	22 28	22 22	6 15	11 35	0 7
T 23	23 17	21 27	1 20	24 41	1 29	23 34	0 31	19 14	1 15	4 26	0 58	22 7	0 58	22 3	0 24	6 30	0 37	18 0	1 57	22 28	22 22	6 17	11 35	0 7
F 24	23 17	22 25	0 10	24 42	1 33	23 31	0 33	19 2	1 15	4 25	0 58	22 6	0 58	22 3	0 24	6 30	0 37	18 1	1 57	22 28	22 22	6 20	11 34	0 7
S 25	23 15	22 12	1n 2	24 42	1 38	23 28	0 35	18 49	1 15	4 24	0 59	22 6	0 58	22 2	0 24	6 29	0 37	18 1	1 57	22 28	22 21	6 22	11 34	0 7
S 26	23 14	20 44	2 12	24 40	1 43	23 24	0 37	18 37	1 15	4 23	0 59	22 6	0 57	22 1	0 24	6 29	0 37	18 1	1 57	22 28	22 21	6 25	11 34	0 7
M27	23 12	18 2	3 16	24 37	1 47	23 19	0 40	18 23	1 14	4 23	0 59	22 5	0 57	22 1	0 24	6 29	0 37	18 1	1 57	22 27	22 20	6 27	11 33	0 7
T 28	23 9	14 17	4 9	24 33	1 51	23 14	0 42	18 10	1 14	4 22	0 59	22 5	0 57	22 0	0 24	6 28	0 37	18 2	1 57	22 27	22 20	6 29	11 33	0 7
W29	23 7	9 43	4 48	24 27	1 54	23 7	0 44	17 57	1 14	4 22	1 0	22 5	0 57	22 0	0 24	6 28	0 37	18 2	1 57	22 27	22 20	6 32	11 33	0 7
T 30	23 3	4 35	5 10	24 20	1 58	23 1	0 46	17 43	1 13	4 21	1 0	22 4	0 57	21 59	0 24	6 27	0 37	18 2	1 57	22 26	22 19	6 34	11 32	0 7
F 31	22s59	0n47	5n13	24s12	2s 1	22s53	0s48	17s30	1s13	4n21	1n 0	22s 4	0n57	21s59	0s24	6s27	0s37	18n 2	1s57	22s26	22s19	6s36	11n32	0s 7

Julian Day Number = 2877386.5, Delta T = 01h14m20s
Ecliptic obliquity = 23°17'16, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°04'04, Lahiri = 40°11'05

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ASTRODIENST EPHEMERIS for the year 3166
geocentric

JANUARY 3166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 42 38	9♑56'37	4♈ 1	18♑44	19♑16	15♒28	21♍19	8♑40	21♑31	15♓ 0	0°R22	14°D52	13♐47	5♎43	0°R42	S 1
S 2	6 46 35	10°57'34	18°10	20°18	20°31	16°14	21°20	8°47	21°35	15° 1	0♌21	14♐52	13°44	5°50	0♉41	S 2
M 3	6 50 31	11°58'31	2♉16	21°52	21°47	17° 1	21°20	8°54	21°38	15° 2	0°20	14°53	13°40	5°57	0°41	M 3
T 4	6 54 28	12°59'28	16°15	23°26	23° 2	17°48	21°21	9° 1	21°42	15° 4	0°19	14°55	13°37	6° 3	0°40	T 4
W 5	6 58 25	14° 0'26	0♊ 8	25° 0	24°17	18°35	21°21	9° 8	21°45	15° 5	0°17	14°56	13°34	6°10	0°40	W 5
T 6	7 2 21	15° 1'25	13°51	26°34	25°33	19°22	21°R21	9°15	21°49	15° 6	0°16	14°R57	13°31	6°17	0°39	T 6
F 7	7 6 18	16° 2'24	27°24	28° 8	26°48	20° 8	21°21	9°22	21°53	15° 8	0°15	14°56	13°28	6°23	0°39	F 7
S 8	7 10 14	17° 3'23	10♋45	29°42	28° 3	20°55	21°21	9°29	21°56	15° 9	0°14	14°54	13°25	6°30	0°39	S 8
S 9	7 14 11	18° 4'23	23°52	1♒16	29°19	21°42	21°21	9°36	22° 0	15°10	0°13	14°50	13°21	6°37	0°39	S 9
M10	7 18 7	19° 5'23	6♌45	2°49	0♒34	22°29	21°20	9°43	22° 4	15°12	0°11	14°45	13°18	6°44	0°39	M10
T 11	7 22 4	20° 6'25	19°22	4°23	1°49	23°16	21°19	9°51	22° 7	15°13	0°10	14°38	13°15	6°50	0°D39	T 11
W12	7 26 1	21° 7'26	1♍45	5°55	3° 5	24° 3	21°18	9°58	22°11	15°15	0° 9	14°31	13°12	6°57	0°39	W12
T 13	7 29 57	22° 8'28	13°55	7°27	4°20	24°50	21°17	10° 5	22°14	15°16	0° 8	14°25	13° 9	7° 4	0°39	T 13
F 14	7 33 54	23° 9'31	25°55	8°59	5°35	25°37	21°16	10°12	22°18	15°18	0° 6	14°20	13° 5	7°10	0°39	F 14
S 15	7 37 50	24°10'34	7♎48	10°29	6°51	26°24	21°14	10°19	22°22	15°19	0° 5	14°17	13° 2	7°17	0°39	S 15
S 16	7 41 47	25°11'38	19°39	11°58	8° 6	27°11	21°12	10°25	22°25	15°21	0° 4	14°15	12°59	7°24	0°39	S 16
M17	7 45 43	26°12'43	1♏33	13°26	9°21	27°58	21°10	10°32	22°29	15°23	0° 3	14°D15	12°56	7°30	0°40	M17
T 18	7 49 40	27°13'48	13°34	14°53	10°37	28°46	21° 8	10°39	22°32	15°24	0° 1	14°16	12°53	7°37	0°40	T 18
W19	7 53 36	28°14'54	25°48	16°17	11°52	29°33	21° 6	10°46	22°36	15°26	0° 0	14°18	12°50	7°44	0°40	W19
T 20	7 57 33	29°16'00	8♐19	17°39	13° 7	0♓20	21° 3	10°53	22°40	15°28	29♋59	14°R19	12°46	7°51	0°41	T 20
F 21	8 1 30	0♒17'06	21°12	18°58	14°23	1° 7	21° 0	11° 0	22°43	15°29	29°58	14°19	12°43	7°57	0°41	F 21
S 22	8 5 26	1°18'13	4♑29	20°14	15°38	1°54	20°58	11° 7	22°47	15°31	29°56	14°17	12°40	8° 4	0°42	S 22
S 23	8 9 23	2°19'20	18°10	21°26	16°53	2°42	20°54	11°14	22°51	15°33	29°55	14°13	12°37	8°11	0°43	S 23
M24	8 13 19	3°20'27	2♒13	22°33	18° 8	3°29	20°51	11°20	22°54	15°35	29°54	14° 6	12°34	8°17	0°43	M24
T 25	8 17 16	4°21'34	16°35	23°36	19°24	4°16	20°48	11°27	22°58	15°36	29°53	13°58	12°30	8°24	0°44	T 25
W26	8 21 12	5°22'41	1♓ 8	24°32	20°39	5° 4	20°44	11°34	23° 1	15°38	29°51	13°49	12°27	8°31	0°45	W26
T 27	8 25 9	6°23'48	15°47	25°21	21°54	5°51	20°40	11°41	23° 5	15°40	29°50	13°41	12°24	8°38	0°46	T 27
F 28	8 29 5	7°24'54	0♈23	26° 3	23° 9	6°38	20°36	11°47	23° 8	15°42	29°49	13°34	12°21	8°44	0°47	F 28
S 29	8 33 2	8°26'00	14°51	26°35	24°25	7°25	20°32	11°54	23°12	15°44	29°48	13°30	12°18	8°51	0°47	S 29
S 30	8 36 59	9°27'05	29° 7	26°59	25°40	8°13	20°27	12° 1	23°15	15°46	29°46	13°27	12°15	8°58	0°48	S 30
M31	8 40 55	10♒28'10	13♉ 8	27♒12	26♒55	9♓ 0	20♍23	12♑ 7	23♑19	15♓48	29♋45	13°D27	12♐11	9♎ 4	0♉50	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22s55	6n 8	4n57	24s 2	2s 4	22s45	0s50	17s16	1s13	4n21	1n 0	22s 3	0n57	21s58	0s24	6s26	0s37	18n 3	1s57	22s26	22s19	6s39	11n32	0s 7	S 1
S 2	22 50	11 8	4 23	23 51	2 6	22 36	0 52	17 1	1 13	4 21	1 1	22 3	0 57	21 58	0 24	6 26	0 37	18 3	1 57	22 26	22 18	6 41	11 31	0 7	S 2
M 3	22 45	15 31	3 33	23 39	2 9	22 26	0 54	16 47	1 12	4 21	1 1	22 3	0 57	21 57	0 24	6 26	0 37	18 3	1 56	22 26	22 18	6 43	11 31	0 7	M 3
T 4	22 39	19 0	2 31	23 25	2 10	22 16	0 56	16 33	1 12	4 21	1 1	22 2	0 57	21 57	0 24	6 25	0 37	18 4	1 56	22 26	22 17	6 46	11 31	0 8	T 4
W 5	22 33	21 21	1 20	23 10	2 12	22 5	0 58	16 18	1 12	4 21	1 1	22 2	0 57	21 56	0 24	6 25	0 37	18 4	1 56	22 27	22 17	6 48	11 31	0 8	W 5
T 6	22 27	22 25	0 6	22 53	2 13	21 53	1 0	16 3	1 11	4 21	1 2	22 1	0 57	21 55	0 24	6 24	0 37	18 4	1 56	22 27	22 17	6 50	11 31	0 8	T 6
F 7	22 20	22 8	1s 8	22 35	2 14	21 41	1 2	15 48	1 11	4 21	1 2	22 1	0 57	21 55	0 24	6 23	0 37	18 4	1 56	22 27	22 16	6 53	11 30	0 8	F 7
S 8	22 12	20 35	2 16	22 16	2 14	21 28	1 4	15 33	1 11	4 22	1 2	22 0	0 57	21 54	0 24	6 23	0 37	18 5	1 56	22 26	22 16	6 55	11 30	0 8	S 8
S 9	22 5	17 58	3 16	21 55	2 14	21 14	1 6	15 17	1 10	4 22	1 2	22 0	0 57	21 54	0 24	6 22	0 37	18 5	1 56	22 26	22 15	6 57	11 30	0 8	S 9
M10	21 56	14 30	4 5	21 34	2 13	21 0	1 7	15 2	1 10	4 23	1 3	22 0	0 57	21 53	0 24	6 22	0 37	18 5	1 56	22 25	22 15	7 0	11 30	0 8	M10
T 11	21 48	10 28	4 41	21 11	2 12	20 45	1 9	14 46	1 10	4 23	1 3	21 59	0 57	21 53	0 24	6 21	0 37	18 6	1 56	22 25	22 15	7 2	11 30	0 8	T 11
W12	21 38	6 4	5 3	20 46	2 10	20 30	1 11	14 30	1 9	4 24	1 3	21 59	0 56	21 52	0 24	6 21	0 37	18 6	1 56	22 24	22 14	7 4	11 30	0 8	W12
T 13	21 29	1 30	5 10	20 21	2 8	20 13	1 12	14 15	1 9	4 24	1 4	21 58	0 56	21 51	0 24	6 20	0 37	18 6	1 56	22 23	22 14	7 7	11 30	0 8	T 13
F 14	21 19	3s 3	5 4	19 54	2 5	19 57	1 14	13 58	1 8	4 25	1 4	21 58	0 56	21 51	0 24	6 19	0 37	18 7	1 56	22 22	22 14	7 9	11 30	0 8	F 14
S 15	21 9	7 26	4 45	19 27	2 1	19 40	1 15	13 42	1 8	4 26	1 4	21 57	0 56	21 50	0 24	6 19	0 37	18 7	1 56	22 22	22 13	7 11	11 30	0 8	S 15
S 16	20 58	11 33	4 13	18 58	1 57	19 22	1 17	13 26	1 8	4 27	1 4	21 57	0 56	21 50	0 24	6 18	0 37	18 7	1 56	22 22	22 13	7 14	11 30	0 8	S 16
M17	20 46	15 14	3 31	18 28	1 52	19 3	1 18	13 9	1 7	4 28	1 5	21 56	0 56	21 49	0 24	6 18	0 37	18 8	1 56	22 22	22 12	7 16	11 30	0 8	M17
T 18	20 35	18 20	2 39	17 58	1 46	18 44	1 19	12 53	1 7	4 29	1 5	21 56	0 56	21 48	0 24	6 17	0 37	18 8	1 56	22 22	22 12	7 18	11 30	0 8	T 18
W19	20 23	20 41	1 39	17 26	1 40	18 25	1 21	12 36	1 6	4 30	1 5	21 55	0 56	21 48	0 24	6 16	0 37	18 8	1 56	22 22	22 12	7 20	11 30	0 9	W19
T 20	20 10	22 5	0 32	16 55	1 32	18 5	1 22	12 19	1 6	4 32	1 5	21 55	0 56	21 47	0 24	6 16	0 37	18 8	1 56	22 22	22 11	7 23	11 30	0 9	T 20
F 21	19 58	22 23	0n37	16 22	1 24	17 44	1 23	12 2	1 6	4 33	1 6	21 54	0 56	21 47	0 24	6 15	0 37	18 9	1 56	22 22	22 11	7 25	11 30	0 9	F 21
S 22	19 45	21 26	1 47	15 50	1 15	17 23	1 24	11 45	1 5	4 34	1 6	21 54	0 56	21 46	0 24	6 14	0 37	18 9	1 56	22 22	22 10	7 27	11 30	0 9	S 22
S 23	19 31	19 13	2 52	15 18	1 5	17 2	1 25	11 27	1 5	4 36	1 6	21 53	0 56	21 46	0 24	6 14	0 37	18 9	1 55	22 22	22 10	7 30	11 31	0 9	S 23
M24	19 17	15 49	3 49	14 45	0 54	16 40	1 26	11 10	1 4	4 37	1 6	21 53	0 56	21 45	0 24	6 13	0 37	18 10	1 55	22 21	22 10	7 32	11 31	0 9	M24
T 25	19 3	11 26	4 32	14 14	0 42	16 17	1 27	10 52	1 4	4 39	1 7	21 52	0 56	21 44	0 24	6 12	0 37	18 10	1 55	22 20	22 9	7 34	11 31	0 9	T 25
W26	18 48	6 20	4 59	13 43	0 29	15 54	1 28	10 35	1 3	4 40	1 7	21 52	0 56	21 44	0 24	6 12	0 37	18 10	1 55	22 19	22 9	7 37	11 31	0 9	W26
T 27	18 33	0 52	5 6	13 13	0 14	15 31	1 29	10 17	1 3	4 42	1 7	21 51	0 56	21 43	0 24	6 11	0 37	18 11	1 55	22 18	22 8	7 39	11 31	0 9	T 27
F 28	18 18	4n38	4 53	12 45	0n 1	15 7	1 29	9 59	1 2	4 44	1 7	21 50	0 56	21 43	0 24	6 10	0 37	18 11	1 55	22 17	22 8	7 41	11 32	0 9	F 28
S 29	18 2	9 50	4 22	12 19	0 17	14 43	1 30	9 41	1 2	4 46	1 7	21 50	0 56	21 42	0 24	6 9	0 37	18 11	1 55	22 17	22 7	7 43	11 32	0 9	S 29
S 30	17 46	14 26	3 34	11 55	0 33	14 18	1 31	9 23	1 1	4 48	1 8	21 49	0 56	21 42	0 24	6 9	0 37	18 12	1 55	22 16	22 7	7 46	11 32	0 9	S 30
M31	17s30	18n 9	2n35	11s34	0n51	13s54	1s31	9s 5	1s 1	4n50	1n 8	21s49	0n56	21s41	0s24	6s 8	0s37	18n12	1s55	22s16	22s 7	7s48	11n33	0s 9	M31

Julian Day Number = 2877417.5, Delta T = 01h14m20s
Ecliptic obliquity = 23°17'15, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°04'09, Lahiri = 40°11'09

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ASTRODIENST EPHEMERIS for the year 3166
geocentric

FEBRUARY 3166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 44 52	11♒29'14	26♉55	27°R13	28♒10	9♓47	20°R18	12♑14	23♑22	15♓50	29°R44	13♐27	12♐ 8	9♎11	0♉51	T 1
W 2	8 48 48	12°30'18	10♊28	27♒ 4	29°25	10°35	20♍13	12°20	23°26	15°52	29♋43	13°R28	12° 5	9°18	0°52	W 2
T 3	8 52 45	13°31'21	23°48	26°42	0♓40	11°22	20° 8	12°27	23°29	15°54	29°42	13°28	12° 2	9°25	0°53	T 3
F 4	8 56 41	14°32'24	6♋56	26° 9	1°56	12°10	20° 3	12°33	23°33	15°56	29°40	13°25	11°59	9°31	0°54	F 4
S 5	9 0 38	15°33'26	19°53	25°25	3°11	12°57	19°58	12°39	23°36	15°58	29°39	13°20	11°56	9°38	0°56	S 5
S 6	9 4 34	16°34'27	2♌40	24°30	4°26	13°44	19°52	12°46	23°40	16° 0	29°38	13°12	11°52	9°45	0°57	S 6
M 7	9 8 31	17°35'28	15°16	23°27	5°41	14°32	19°47	12°52	23°43	16° 2	29°37	13° 1	11°49	9°51	0°58	M 7
T 8	9 12 28	18°36'28	27°41	22°17	6°56	15°19	19°41	12°58	23°46	16° 4	29°36	12°49	11°46	9°58	1° 0	T 8
W 9	9 16 24	19°37'28	9♍56	21° 2	8°11	16° 6	19°35	13° 4	23°50	16° 6	29°34	12°36	11°43	10° 5	1° 1	W 9
T 10	9 20 21	20°38'27	22° 1	19°45	9°26	16°54	19°29	13°10	23°53	16° 8	29°33	12°23	11°40	10°11	1° 3	T 10
F 11	9 24 17	21°39'26	3♎59	18°28	10°41	17°41	19°23	13°17	23°56	16°10	29°32	12°12	11°36	10°18	1° 5	F 11
S 12	9 28 14	22°40'24	15°50	17°13	11°56	18°28	19°16	13°23	24° 0	16°12	29°31	12° 4	11°33	10°25	1° 6	S 12
S 13	9 32 10	23°41'21	27°40	16° 3	13°11	19°16	19°10	13°29	24° 3	16°14	29°30	11°58	11°30	10°32	1° 8	S 13
M14	9 36 7	24°42'19	9♏31	14°58	14°26	20° 3	19° 3	13°35	24° 6	16°16	29°29	11°54	11°27	10°38	1°10	M14
T 15	9 40 3	25°43'16	21°29	14° 1	15°41	20°50	18°57	13°40	24°10	16°19	29°28	11°D53	11°24	10°45	1°11	T 15
W16	9 44 0	26°44'12	3♐39	13°11	16°56	21°38	18°50	13°46	24°13	16°21	29°27	11°53	11°21	10°52	1°13	W16
T 17	9 47 57	27°45'08	16° 7	12°31	18°11	22°25	18°43	13°52	24°16	16°23	29°25	11°R53	11°17	10°58	1°15	T 17
F 18	9 51 53	28°46'03	28°58	11°59	19°26	23°13	18°36	13°58	24°19	16°25	29°24	11°52	11°14	11° 5	1°17	F 18
S 19	9 55 50	29°46'57	12♑15	11°35	20°40	24° 0	18°29	14° 4	24°22	16°27	29°23	11°49	11°11	11°12	1°19	S 19
S 20	9 59 46	0♓47'51	26° 0	11°21	21°55	24°47	18°21	14° 9	24°25	16°30	29°22	11°43	11° 8	11°19	1°21	S 20
M21	10 3 43	1°48'44	10♒15	11°D14	23°10	25°35	18°14	14°15	24°28	16°32	29°21	11°34	11° 5	11°25	1°23	M21
T 22	10 7 39	2°49'37	24°53	11°16	24°25	26°22	18° 7	14°20	24°31	16°34	29°20	11°24	11° 2	11°32	1°25	T 22
W23	10 11 36	3°50'28	9♓50	11°24	25°40	27° 9	17°59	14°26	24°34	16°36	29°19	11°12	10°58	11°39	1°28	W23
T 24	10 15 32	4°51'18	24°54	11°40	26°54	27°56	17°52	14°31	24°37	16°38	29°18	11° 0	10°55	11°45	1°30	T 24
F 25	10 19 29	5°52'06	9♈56	12° 2	28° 9	28°44	17°44	14°36	24°40	16°41	29°17	10°50	10°52	11°52	1°32	F 25
S 26	10 23 26	6°52'54	24°47	12°29	29°24	29°31	17°37	14°42	24°43	16°43	29°16	10°43	10°49	11°59	1°34	S 26
S 27	10 27 22	7°53'40	9♉20	13° 2	0♈38	0♈18	17°29	14°47	24°46	16°45	29°15	10°38	10°46	12° 5	1°37	S 27
M28	10 31 19	8♓54'25	23♉32	13♒39	1♈53	1♈ 5	17♍21	14♑52	24♑49	16♓47	29♋14	10♐36	10♐42	12♎12	1♉39	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17s14	20n46	1n27	11s17	1n 9	13s28	1s32	8s47	1s 0	4n52	1n 8	21s48	0n56	21s40	0s24	6s 7	0s37	18n12	1s55	22s16	22s 6	7s50	11n33	0s 9	T 1
W 2	16 57	22 8	0 16	11 3	1 27	13 2	1 32	8 29	1 0	4 54	1 8	21 48	0 56	21 40	0 24	6 6	0 37	18 13	1 55	22 16	22 6	7 52	11 33	0 9	W 2
T 3	16 40	22 14	0s55	10 53	1 46	12 36	1 32	8 10	0 59	4 56	1 9	21 47	0 56	21 39	0 24	6 6	0 37	18 13	1 55	22 16	22 5	7 55	11 34	0 9	T 3
F 4	16 22	21 5	2 2	10 47	2 4	12 10	1 33	7 52	0 59	4 58	1 9	21 46	0 56	21 39	0 24	6 5	0 37	18 13	1 55	22 16	22 5	7 57	11 34	0 10	F 4
S 5	16 4	18 50	3 1	10 45	2 21	11 43	1 33	7 33	0 58	5 1	1 9	21 46	0 56	21 38	0 24	6 4	0 37	18 14	1 55	22 15	22 5	7 59	11 34	0 10	S 5
S 6	15 46	15 42	3 51	10 48	2 37	11 16	1 33	7 15	0 58	5 3	1 9	21 45	0 56	21 37	0 24	6 3	0 37	18 14	1 55	22 14	22 4	8 1	11 35	0 10	S 6
M 7	15 28	11 53	4 28	10 55	2 52	10 49	1 33	6 56	0 57	5 5	1 9	21 45	0 56	21 37	0 24	6 2	0 37	18 14	1 54	22 13	22 4	8 4	11 35	0 10	M 7
T 8	15 9	7 38	4 52	11 5	3 4	10 21	1 33	6 38	0 57	5 8	1 10	21 44	0 56	21 36	0 24	6 2	0 37	18 15	1 54	22 11	22 3	8 6	11 36	0 10	T 8
W 9	14 50	3 8	5 2	11 19	3 15	9 53	1 33	6 19	0 56	5 10	1 10	21 44	0 56	21 36	0 24	6 1	0 37	18 15	1 54	22 10	22 3	8 8	11 36	0 10	W 9
T 10	14 31	1s25	4 58	11 35	3 23	9 25	1 33	6 0	0 56	5 13	1 10	21 43	0 56	21 35	0 24	6 0	0 37	18 15	1 54	22 8	22 2	8 10	11 37	0 10	T 10
F 11	14 12	5 52	4 41	11 53	3 29	8 57	1 33	5 41	0 55	5 15	1 10	21 42	0 56	21 35	0 24	5 59	0 37	18 15	1 54	22 7	22 2	8 13	11 37	0 10	F 11
S 12	13 52	10 4	4 12	12 12	3 32	8 28	1 32	5 22	0 55	5 18	1 10	21 42	0 56	21 34	0 24	5 58	0 37	18 16	1 54	22 6	22 2	8 15	11 38	0 10	S 12
S 13	13 32	13 52	3 32	12 32	3 32	7 59	1 32	5 3	0 54	5 21	1 11	21 41	0 56	21 34	0 24	5 58	0 37	18 16	1 54	22 5	22 1	8 17	11 38	0 10	S 13
M14	13 12	17 9	2 43	12 53	3 31	7 30	1 31	4 44	0 54	5 24	1 11	21 41	0 56	21 33	0 24	5 57	0 37	18 16	1 54	22 4	22 1	8 19	11 39	0 10	M14
T 15	12 52	19 44	1 46	13 13	3 27	7 1	1 31	4 25	0 53	5 26	1 11	21 40	0 56	21 33	0 24	5 56	0 37	18 17	1 54	22 4	22 0	8 22	11 39	0 10	T 15
W16	12 31	21 28	0 44	13 32	3 21	6 31	1 30	4 6	0 53	5 29	1 11	21 40	0 56	21 32	0 24	5 55	0 37	18 17	1 54	22 4	22 0	8 24	11 40	0 10	W16
T 17	12 11	22 12	0n22	13 50	3 14	6 1	1 30	3 47	0 52	5 32	1 11	21 39	0 56	21 31	0 24	5 54	0 37	18 17	1 54	22 4	21 59	8 26	11 40	0 10	T 17
F 18	11 50	21 48	1 29	14 7	3 5	5 32	1 29	3 28	0 51	5 35	1 12	21 38	0 56	21 31	0 24	5 53	0 37	18 18	1 54	22 4	21 59	8 28	11 41	0 10	F 18
S 19	11 29	20 11	2 33	14 23	2 56	5 2	1 28	3 9	0 51	5 38	1 12	21 38	0 56	21 30	0 24	5 53	0 37	18 18	1 53	22 4	21 59	8 30	11 42	0 10	S 19
S 20	11 7	17 22	3 31	14 37	2 45	4 31	1 27	2 50	0 50	5 41	1 12	21 37	0 56	21 30	0 24	5 52	0 37	18 18	1 53	22 3	21 58	8 33	11 42	0 11	S 20
M21	10 46	13 26	4 17	14 49	2 34	4 1	1 26	2 31	0 50	5 44	1 12	21 37	0 56	21 29	0 24	5 51	0 37	18 18	1 53	22 2	21 58	8 35	11 43	0 11	M21
T 22	10 24	8 37	4 48	15 0	2 23	3 31	1 25	2 11	0 49	5 47	1 12	21 36	0 56	21 29	0 24	5 50	0 37	18 19	1 53	22 0	21 57	8 37	11 44	0 11	T 22
W23	10 2	3 12	5 0	15 9	2 11	3 0	1 24	1 52	0 49	5 50	1 12	21 35	0 56	21 28	0 24	5 49	0 37	18 19	1 53	21 59	21 57	8 39	11 44	0 11	W23
T 24	9 40	2n27	4 52	15 16	1 59	2 30	1 23	1 33	0 48	5 53	1 12	21 35	0 56	21 28	0 24	5 48	0 37	18 19	1 53	21 57	21 56	8 41	11 45	0 11	T 24
F 25	9 18	7 57	4 23	15 22	1 47	1 59	1 22	1 14	0 47	5 56	1 13	21 34	0 56	21 27	0 24	5 47	0 37	18 20	1 53	21 56	21 56	8 44	11 46	0 11	F 25
S 26	8 56	12 54	3 37	15 26	1 35	1 28	1 21	0 54	0 47	5 59	1 13	21 34	0 56	21 27	0 24	5 47	0 37	18 20	1 53	21 55	21 55	8 46	11 47	0 11	S 26
S 27	8 33	17 0	2 37	15 28	1 23	0 58	1 19	0 35	0 46	6 2	1 13	21 33	0 56	21 26	0 24	5 46	0 37	18 20	1 53	21 54	21 55	8 48	11 47	0 11	S 27
M28	8s11	19n58	1n29	15s29	1n11	0s27	1s18	0s16	0s46	6n 5	1n13	21s33	0n56	21s26	0s24	5s45	0s37	18n20	1s53	21s54	21s55	8s50	11n48	0s11	M28

Julian Day Number = 2877448.5, Delta T = 01h14m21s
Ecliptic obliquity = 23°17'15, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°04'13, Lahiri = 40°11'13

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ASTRODIENST EPHEMERIS for the year 3166
geocentric

MARCH 3166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 35 15	9♓55'08	7♊21	14♒21	3♈ 8	1♈53	17°R13	14♑57	24♑52	16♓50	29°R13	10°R36	10♐39	12♎19	1♉41	T 1
W 2	10 39 12	10°55'50	20°49	15° 7	4°22	2°40	17♍ 6	15° 2	24°55	16°52	29♋13	10♐36	10°36	12°26	1°44	W 2
T 3	10 43 8	11°56'30	3♋58	15°57	5°37	3°27	16°58	15° 7	24°57	16°54	29°12	10°34	10°33	12°32	1°46	T 3
F 4	10 47 5	12°57'09	16°51	16°50	6°51	4°14	16°50	15°12	25° 0	16°57	29°11	10°31	10°30	12°39	1°49	F 4
S 5	10 51 1	13°57'46	29°31	17°47	8° 6	5° 1	16°42	15°17	25° 3	16°59	29°10	10°25	10°27	12°46	1°51	S 5
S 6	10 54 58	14°58'21	11♌59	18°46	9°20	5°48	16°34	15°21	25° 6	17° 1	29° 9	10°16	10°23	12°52	1°54	S 6
M 7	10 58 55	15°58'55	24°19	19°48	10°34	6°35	16°26	15°26	25° 8	17° 3	29° 8	10° 4	10°20	12°59	1°57	M 7
T 8	11 2 51	16°59'28	6♍31	20°52	11°49	7°23	16°18	15°30	25°11	17° 6	29° 8	9°50	10°17	13° 6	1°59	T 8
W 9	11 6 48	17°59'59	18°36	21°59	13° 3	8°10	16°10	15°35	25°13	17° 8	29° 7	9°35	10°14	13°12	2° 2	W 9
T 10	11 10 44	19° 0'28	0♎34	23° 7	14°17	8°57	16° 2	15°39	25°16	17°10	29° 6	9°21	10°11	13°19	2° 5	T 10
F 11	11 14 41	20° 0'56	12°28	24°18	15°31	9°44	15°54	15°44	25°18	17°13	29° 5	9° 8	10° 8	13°26	2° 8	F 11
S 12	11 18 37	21° 1'23	24°18	25°31	16°45	10°30	15°47	15°48	25°21	17°15	29° 5	8°58	10° 4	13°33	2°10	S 12
S 13	11 22 34	22° 1'48	6♏ 7	26°45	18° 0	11°17	15°39	15°52	25°23	17°17	29° 4	8°51	10° 1	13°39	2°13	S 13
M14	11 26 30	23° 2'12	17°59	28° 1	19°14	12° 4	15°31	15°56	25°25	17°19	29° 3	8°47	9°58	13°46	2°16	M14
T 15	11 30 27	24° 2'35	29°56	29°19	20°28	12°51	15°23	16° 0	25°28	17°22	29° 3	8°45	9°55	13°53	2°19	T 15
W16	11 34 23	25° 2'56	12♐ 4	0♓38	21°42	13°38	15°15	16° 4	25°30	17°24	29° 2	8°D44	9°52	13°59	2°22	W16
T 17	11 38 20	26° 3'16	24°28	1°59	22°56	14°25	15° 8	16° 8	25°32	17°26	29° 1	8°R45	9°48	14° 6	2°25	T 17
F 18	11 42 17	27° 3'35	7♑14	3°21	24°10	15°12	15° 0	16°12	25°34	17°28	29° 1	8°44	9°45	14°13	2°28	F 18
S 19	11 46 13	28° 3'52	20°24	4°44	25°23	15°59	14°52	16°15	25°36	17°31	29° 0	8°42	9°42	14°19	2°31	S 19
S 20	11 50 10	29° 4'08	4♒ 4	6° 9	26°37	16°45	14°45	16°19	25°39	17°33	29° 0	8°38	9°39	14°26	2°34	S 20
M21	11 54 6	0♈ 4'23	18°15	7°35	27°51	17°32	14°38	16°23	25°41	17°35	28°59	8°31	9°36	14°33	2°37	M21
T 22	11 58 3	1° 4'36	2♓53	9° 2	29° 5	18°19	14°30	16°26	25°43	17°37	28°59	8°22	9°33	14°40	2°40	T 22
W23	12 1 59	2° 4'47	17°55	10°30	0♉18	19° 5	14°23	16°29	25°45	17°40	28°58	8°11	9°29	14°46	2°43	W23
T 24	12 5 56	3° 4'57	3♈10	12° 0	1°32	19°52	14°16	16°33	25°47	17°42	28°58	8° 1	9°26	14°53	2°46	T 24
F 25	12 9 52	4° 5'05	18°27	13°31	2°46	20°39	14° 9	16°36	25°48	17°44	28°57	7°53	9°23	15° 0	2°49	F 25
S 26	12 13 49	5° 5'11	3♉36	15° 2	3°59	21°25	14° 2	16°39	25°50	17°46	28°57	7°46	9°20	15° 6	2°53	S 26
S 27	12 17 46	6° 5'15	18°28	16°36	5°13	22°12	13°55	16°42	25°52	17°48	28°56	7°42	9°17	15°13	2°56	S 27
M28	12 21 42	7° 5'17	2♊56	18°10	6°26	22°58	13°48	16°45	25°54	17°51	28°56	7°D41	9°13	15°20	2°59	M28
T 29	12 25 39	8° 5'18	16°57	19°45	7°40	23°45	13°41	16°48	25°55	17°53	28°56	7°41	9°10	15°26	3° 2	T 29
W30	12 29 35	9° 5'16	0♋32	21°22	8°53	24°31	13°35	16°50	25°57	17°55	28°55	7°42	9° 7	15°33	3° 6	W30
T 31	12 33 32	10♈ 5'12	13♋42	22♓59	10♉ 6	25♈18	13♍28	16♑53	25♑59	17♓57	28♋55	7°R42	9♐ 4	15♎40	3♉ 9	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	7s48	21n41	0n17	15s28	0n59	0n 4	1s17	0n 3	0s45	6n 8	1n13	21s32	0n56	21s25	0s24	5s44	0s37	18n21	1s53	21s54	21s54	8s52	11n49	0s11	
W 2	7 25	22 5	0s54	15 26	0 48	0 35	1 15	0 22	0 44	6 11	1 13	21 32	0 56	21 25	0 25	5 43	0 37	18 21	1 53	21 54	21 54	8 55	11 50	0 11	
T 3	7 2	21 14	2 0	15 22	0 37	1 5	1 13	0 42	0 44	6 15	1 13	21 31	0 56	21 24	0 25	5 42	0 37	18 21	1 52	21 53	21 53	8 57	11 50	0 11	
F 4	6 39	19 17	2 59	15 17	0 26	1 36	1 12	1 1	0 43	6 18	1 13	21 30	0 56	21 24	0 25	5 41	0 37	18 22	1 52	21 53	21 53	8 59	11 51	0 11	
S 5	6 16	16 25	3 48	15 10	0 15	2 7	1 10	1 20	0 42	6 21	1 13	21 30	0 56	21 23	0 25	5 40	0 37	18 22	1 52	21 52	21 52	9 1	11 52	0 11	
S 6	5 53	12 51	4 25	15 2	0 5	2 38	1 8	1 39	0 42	6 24	1 14	21 29	0 56	21 23	0 25	5 40	0 37	18 22	1 52	21 51	21 52	9 3	11 53	0 11	
M 7	5 30	8 47	4 49	14 52	0s 5	3 8	1 6	1 58	0 41	6 27	1 14	21 29	0 56	21 23	0 25	5 39	0 37	18 22	1 52	21 49	21 51	9 6	11 54	0 11	
T 8	5 6	4 25	4 59	14 41	0 15	3 39	1 4	2 17	0 41	6 30	1 14	21 28	0 56	21 22	0 25	5 38	0 37	18 23	1 52	21 47	21 51	9 8	11 55	0 12	
W 9	4 43	0s 4	4 56	14 28	0 24	4 10	1 3	2 36	0 40	6 33	1 14	21 28	0 56	21 22	0 25	5 37	0 37	18 23	1 52	21 45	21 51	9 10	11 55	0 12	
T 10	4 19	4 30	4 40	14 15	0 33	4 40	1 0	2 55	0 39	6 36	1 14	21 27	0 56	21 21	0 25	5 36	0 37	18 23	1 52	21 43	21 50	9 12	11 56	0 12	
F 11	3 56	8 45	4 11	13 59	0 41	5 10	0 58	3 14	0 39	6 40	1 14	21 27	0 56	21 21	0 25	5 35	0 37	18 23	1 52	21 41	21 50	9 14	11 57	0 12	
S 12	3 32	12 39	3 32	13 43	0 50	5 41	0 56	3 33	0 38	6 43	1 14	21 26	0 56	21 20	0 25	5 34	0 37	18 24	1 52	21 39	21 49	9 16	11 58	0 12	
S 13	3 9	16 3	2 44	13 25	0 58	6 11	0 54	3 52	0 37	6 46	1 14	21 26	0 56	21 20	0 25	5 33	0 37	18 24	1 52	21 38	21 49	9 18	11 59	0 12	
M14	2 45	18 48	1 48	13 6	1 5	6 41	0 52	4 11	0 37	6 49	1 14	21 25	0 56	21 20	0 25	5 33	0 37	18 24	1 51	21 38	21 48	9 21	12 0	0 12	
T 15	2 21	20 46	0 47	12 46	1 13	7 11	0 50	4 29	0 36	6 52	1 14	21 25	0 56	21 19	0 25	5 32	0 37	18 24	1 51	21 37	21 48	9 23	12 1	0 12	
W16	1 57	21 48	0n18	12 25	1 19	7 40	0 47	4 48	0 35	6 55	1 14	21 24	0 56	21 19	0 25	5 31	0 37	18 24	1 51	21 37	21 47	9 25	12 2	0 12	
T 17	1 34	21 48	1 23	12 2	1 26	8 10	0 45	5 7	0 35	6 58	1 14	21 24	0 56	21 18	0 25	5 30	0 37	18 25	1 51	21 37	21 47	9 27	12 3	0 12	
F 18	1 10	20 40	2 25	11 39	1 32	8 39	0 42	5 25	0 34	7 1	1 14	21 23	0 56	21 18	0 25	5 29	0 37	18 25	1 51	21 37	21 46	9 29	12 4	0 12	
S 19	0 46	18 25	3 22	11 14	1 38	9 8	0 40	5 44	0 34	7 4	1 14	21 23	0 56	21 18	0 25	5 28	0 37	18 25	1 51	21 37	21 46	9 31	12 5	0 12	
S 20	0 22	15 4	4 10	10 48	1 43	9 37	0 37	6 2	0 33	7 7	1 14	21 22	0 56	21 17	0 25	5 27	0 37	18 25	1 51	21 36	21 45	9 33	12 6	0 12	
M21	0n 2	10 45	4 44	10 21	1 48	10 6	0 35	6 21	0 32	7 9	1 14	21 22	0 56	21 17	0 25	5 27	0 37	18 26	1 51	21 35	21 45	9 36	12 7	0 12	
T 22	0 26	5 41	5 1	9 53	1 53	10 35	0 32	6 39	0 32	7 12	1 14	21 22	0 56	21 17	0 25	5 26	0 37	18 26	1 51	21 34	21 44	9 38	12 8	0 12	
W23	0 49	0 10	4 59	9 23	1 57	11 3	0 29	6 57	0 31	7 15	1 14	21 21	0 56	21 16	0 25	5 25	0 37	18 26	1 51	21 32	21 44	9 40	12 9	0 12	
T 24	1 13	5n27	4 35	8 53	2 1	11 31	0 27	7 15	0 30	7 18	1 14	21 21	0 56	21 16	0 25	5 24	0 37	18 26	1 50	21 30	21 44	9 42	12 10	0 13	
F 25	1 37	10 45	3 51	8 22	2 4	11 59	0 24	7 33	0 30	7 21	1 14	21 20	0 56	21 16	0 25	5 23	0 37	18 26	1 50	21 29	21 43	9 44	12 11	0 13	
S 26	2 1	15 19	2 51	7 49	2 7	12 26	0 21	7 51	0 29	7 23	1 14	21 20	0 56	21 15	0 25	5 22	0 37	18 26	1 50	21 28	21 43	9 46	12 12	0 13	
S 27	2 24	18 50	1 41	7 16	2 10	12 53	0 18	8 9	0 28	7 26	1 14	21 20	0 56	21 15	0 25	5 21	0 37	18 27	1 50	21 27	21 42	9 48	12 13	0 13	
M28	2 48	21 2	0 25	6 41	2 12	13 20	0 15	8 27	0 28	7 28	1 14	21 19	0 56	21 15	0 25	5 21	0 37	18 27	1 50	21 27	21 42	9 50	12 14	0 13	
T 29	3 11	21 50	0s49	6 6	2 14	13 47	0 13	8 45	0 27	7 31	1 14	21 19	0 56	21 14	0 25	5 20	0 37	18 27	1 50	21 27	21 41	9 52	12 15	0 13	
W30	3 35	21 18	1 59	5 29	2 16	14 13	0 10	9 2	0 26	7 33	1 14	21 19	0 56	21 14	0 25	5 19	0 37	18 27	1 50	21 27	21 41	9 55	12 16	0 13	
T 31	3n58	19n36	3s 0	4s52	2s17	14n39	0s 7	9n20	0s26	7n36	1n14	21s18	0n56	21s14	0s25	5s18	0s37	18n27	1s50	21s27	21s40	9s57	12n17	0s13	

Julian Day Number = 2877476.5, Delta T = 01h14m22s
Ecliptic obliquity = 23°17'16, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°04'17, Lahiri = 40°11'17

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ASTRODIENST EPHEMERIS for the year 3166
geocentric

APRIL 3166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 37 28	11♈ 5'05	26♋32	24♓38	11♉19	26♈ 4	13°R22	16♑55	26♑ 0	17♓59	28°R55	7°R40	9♐ 1	15♎46	3♉12	F 1
S 2	12 41 25	12° 4'57	9♌ 5	26°18	12°33	26°50	13♍16	16°58	26° 2	18° 1	28♋55	7♐37	8°58	15°53	3°16	S 2
S 3	12 45 21	13° 4'46	21°24	27°59	13°46	27°36	13°10	17° 0	26° 3	18° 4	28°54	7°31	8°54	16° 0	3°19	S 3
M 4	12 49 18	14° 4'34	3♍33	29°42	14°59	28°23	13° 4	17° 2	26° 4	18° 6	28°54	7°23	8°51	16° 7	3°22	M 4
T 5	12 53 15	15° 4'19	15°35	1♈25	16°12	29° 9	12°58	17° 5	26° 6	18° 8	28°54	7°13	8°48	16°13	3°26	T 5
W 6	12 57 11	16° 4'02	27°31	3°10	17°25	29°55	12°52	17° 7	26° 7	18°10	28°54	7° 3	8°45	16°20	3°29	W 6
T 7	13 1 8	17° 3'43	9♎24	4°56	18°37	0♉41	12°47	17° 9	26° 8	18°12	28°54	6°53	8°42	16°27	3°32	T 7
F 8	13 5 4	18° 3'22	21°15	6°43	19°50	1°27	12°41	17°11	26°10	18°14	28°54	6°44	8°39	16°33	3°36	F 8
S 9	13 9 1	19° 2'59	3♏ 5	8°32	21° 3	2°13	12°36	17°12	26°11	18°16	28°53	6°37	8°35	16°40	3°39	S 9
S 10	13 12 57	20° 2'35	14°57	10°21	22°16	2°59	12°31	17°14	26°12	18°18	28°53	6°33	8°32	16°47	3°43	S 10
M11	13 16 54	21° 2'08	26°53	12°12	23°28	3°45	12°26	17°16	26°13	18°20	28°53	6°30	8°29	16°53	3°46	M11
T 12	13 20 50	22° 1'40	8♐56	14° 5	24°41	4°31	12°22	17°17	26°14	18°22	28°D53	6°D30	8°26	17° 0	3°50	T 12
W13	13 24 47	23° 1'10	21° 8	15°58	25°53	5°17	12°17	17°18	26°15	18°24	28°53	6°31	8°23	17° 7	3°53	W13
T 14	13 28 43	24° 0'39	3♑35	17°53	27° 6	6° 3	12°13	17°20	26°16	18°26	28°53	6°32	8°19	17°13	3°57	T 14
F 15	13 32 40	25° 0'05	16°19	19°49	28°18	6°48	12° 8	17°21	26°17	18°28	28°53	6°33	8°16	17°20	4° 0	F 15
S 16	13 36 37	25°59'30	29°26	21°47	29°30	7°34	12° 4	17°22	26°17	18°30	28°53	6°R34	8°13	17°27	4° 4	S 16
S 17	13 40 33	26°58'54	12♒58	23°45	0♊42	8°20	12° 0	17°23	26°18	18°32	28°54	6°32	8°10	17°34	4° 7	S 17
M18	13 44 30	27°58'15	26°57	25°45	1°54	9° 6	11°57	17°24	26°19	18°33	28°54	6°30	8° 7	17°40	4°11	M18
T 19	13 48 26	28°57'35	11♓23	27°46	3° 6	9°51	11°53	17°25	26°19	18°35	28°54	6°25	8° 4	17°47	4°14	T 19
W20	13 52 23	29°56'53	26°13	29°47	4°18	10°37	11°50	17°25	26°20	18°37	28°54	6°20	8° 0	17°54	4°18	W20
T 21	13 56 19	0♉56'09	11♈19	1♉50	5°30	11°22	11°46	17°26	26°20	18°39	28°54	6°15	7°57	18° 0	4°21	T 21
F 22	14 0 16	1°55'24	26°33	3°54	6°42	12° 8	11°43	17°26	26°21	18°41	28°54	6°10	7°54	18° 7	4°25	F 22
S 23	14 4 12	2°54'36	11♉45	5°58	7°54	12°53	11°41	17°27	26°21	18°42	28°55	6° 7	7°51	18°14	4°28	S 23
S 24	14 8 9	3°53'47	26°44	8° 2	9° 5	13°39	11°38	17°27	26°22	18°44	28°55	6° 5	7°48	18°20	4°32	S 24
M25	14 12 6	4°52'55	11♊22	10° 7	10°17	14°24	11°35	17°27	26°22	18°46	28°55	6°D 5	7°45	18°27	4°35	M25
T 26	14 16 2	5°52'02	25°35	12°12	11°29	15° 9	11°33	17°R27	26°22	18°48	28°56	6° 6	7°41	18°34	4°39	T 26
W27	14 19 59	6°51'06	9♋21	14°16	12°40	15°54	11°31	17°27	26°23	18°49	28°56	6° 7	7°38	18°40	4°42	W27
T 28	14 23 55	7°50'07	22°40	16°20	13°51	16°40	11°29	17°27	26°23	18°51	28°56	6° 9	7°35	18°47	4°46	T 28
F 29	14 27 52	8°49'07	5♌35	18°23	15° 3	17°25	11°27	17°27	26°23	18°53	28°57	6°R 9	7°32	18°54	4°49	F 29
S 30	14 31 48	9♉48'04	18♌ 9	20♉24	16♊14	18♉10	11♍26	17♑27	26♑23	18♓54	28♋57	6♐ 9	7♐29	19♎ 1	4♉53	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n22	16n56	3s51	4s13	2s17	15n 4	0s 4	9n37	0s25	7n38	1n14	21s18	0n56	21s14	0s25	5s17	0s37	18n27	1s50	21s27	21s40	9s59	12n18	0s13
S 2	4 45	13 33	4 29	3 34	2 17	15 30	0 1	9 54	0 24	7 40	1 14	21 18	0 56	21 13	0 25	5 17	0 37	18 28	1 50	21 27	21 39	10 1	12 19	0 13
S 3	5 8	9 38	4 54	2 54	2 17	15 54	0n 2	10 11	0 24	7 43	1 14	21 17	0 56	21 13	0 25	5 16	0 37	18 28	1 49	21 26	21 39	10 3	12 20	0 13
M 4	5 31	5 24	5 5	2 12	2 16	16 19	0 5	10 28	0 23	7 45	1 14	21 17	0 56	21 13	0 25	5 15	0 37	18 28	1 49	21 24	21 38	10 5	12 21	0 13
T 5	5 54	1 0	5 2	1 30	2 15	16 43	0 8	10 45	0 22	7 47	1 14	21 17	0 56	21 13	0 25	5 14	0 37	18 28	1 49	21 23	21 38	10 7	12 22	0 13
W 6	6 17	3s25	4 47	0 48	2 13	17 6	0 12	11 2	0 22	7 49	1 14	21 16	0 56	21 13	0 25	5 13	0 37	18 28	1 49	21 21	21 37	10 9	12 23	0 13
T 7	6 40	7 40	4 19	0 4	2 11	17 30	0 15	11 19	0 21	7 51	1 13	21 16	0 56	21 12	0 25	5 13	0 37	18 28	1 49	21 19	21 37	10 11	12 24	0 13
F 8	7 2	11 37	3 39	0n41	2 9	17 52	0 18	11 35	0 20	7 53	1 13	21 16	0 56	21 12	0 26	5 12	0 37	18 28	1 49	21 18	21 36	10 13	12 25	0 14
S 9	7 25	15 8	2 50	1 26	2 5	18 15	0 21	11 52	0 19	7 55	1 13	21 16	0 56	21 12	0 26	5 11	0 37	18 29	1 49	21 17	21 36	10 15	12 27	0 14
S 10	7 47	18 2	1 54	2 12	2 2	18 36	0 24	12 8	0 19	7 57	1 13	21 15	0 56	21 12	0 26	5 10	0 37	18 29	1 49	21 16	21 35	10 17	12 28	0 14
M11	8 9	20 11	0 52	2 59	1 58	18 58	0 27	12 24	0 18	7 59	1 13	21 15	0 56	21 12	0 26	5 10	0 37	18 29	1 49	21 15	21 35	10 19	12 29	0 14
T 12	8 32	21 26	0n13	3 47	1 53	19 19	0 30	12 40	0 17	8 0	1 13	21 15	0 56	21 11	0 26	5 9	0 37	18 29	1 49	21 15	21 34	10 22	12 30	0 14
W13	8 54	21 41	1 19	4 35	1 48	19 39	0 33	12 56	0 17	8 2	1 13	21 15	0 56	21 11	0 26	5 8	0 37	18 29	1 48	21 16	21 34	10 24	12 31	0 14
T 14	9 15	20 53	2 22	5 24	1 42	19 59	0 37	13 12	0 16	8 4	1 13	21 15	0 56	21 11	0 26	5 7	0 37	18 29	1 48	21 16	21 33	10 26	12 32	0 14
F 15	9 37	19 0	3 19	6 13	1 36	20 18	0 40	13 28	0 15	8 5	1 13	21 14	0 56	21 11	0 26	5 7	0 37	18 29	1 48	21 16	21 33	10 28	12 33	0 14
S 16	9 59	16 5	4 8	7 3	1 30	20 37	0 43	13 43	0 15	8 7	1 13	21 14	0 56	21 11	0 26	5 6	0 37	18 29	1 48	21 16	21 32	10 30	12 34	0 14
S 17	10 20	12 15	4 45	7 53	1 23	20 55	0 46	13 58	0 14	8 8	1 13	21 14	0 56	21 11	0 26	5 5	0 37	18 29	1 48	21 16	21 32	10 32	12 35	0 14
M18	10 41	7 38	5 7	8 43	1 15	21 13	0 49	14 13	0 13	8 9	1 12	21 14	0 56	21 11	0 26	5 4	0 37	18 29	1 48	21 15	21 31	10 34	12 37	0 14
T 19	11 2	2 28	5 10	9 34	1 7	21 30	0 52	14 28	0 13	8 11	1 12	21 14	0 56	21 11	0 26	5 4	0 37	18 29	1 48	21 15	21 31	10 36	12 38	0 14
W20	11 23	2n59	4 53	10 25	0 59	21 47	0 56	14 43	0 12	8 12	1 12	21 14	0 56	21 11	0 26	5 3	0 37	18 30	1 48	21 14	21 30	10 38	12 39	0 14
T 21	11 44	8 22	4 15	11 16	0 50	22 3	0 59	14 58	0 11	8 13	1 12	21 14	0 56	21 10	0 26	5 2	0 38	18 30	1 48	21 13	21 30	10 40	12 40	0 14
F 22	12 4	13 16	3 19	12 6	0 40	22 18	1 2	15 13	0 11	8 14	1 12	21 13	0 56	21 10	0 26	5 2	0 38	18 30	1 47	21 12	21 29	10 42	12 41	0 14
S 23	12 24	17 19	2 9	12 57	0 30	22 33	1 5	15 27	0 10	8 15	1 12	21 13	0 57	21 10	0 26	5 1	0 38	18 30	1 47	21 11	21 29	10 44	12 42	0 15
S 24	12 44	20 8	0 51	13 47	0 20	22 48	1 8	15 41	0 9	8 16	1 12	21 13	0 57	21 10	0 26	5 0	0 38	18 30	1 47	21 11	21 28	10 46	12 43	0 15
M25	13 4	21 31	0s29	14 36	0 10	23 1	1 11	15 55	0 9	8 17	1 12	21 13	0 57	21 10	0 26	5 0	0 38	18 30	1 47	21 11	21 28	10 48	12 44	0 15
T 26	13 24	21 28	1 45	15 25	0n 1	23 14	1 14	16 9	0 8	8 17	1 11	21 13	0 57	21 10	0 26	4 59	0 38	18 30	1 47	21 11	21 27	10 50	12 45	0 15
W27	13 43	20 6	2 52	16 12	0 12	23 27	1 17	16 23	0 7	8 18	1 11	21 13	0 57	21 10	0 26	4 58	0 38	18 30	1 47	21 12	21 27	10 52	12 47	0 15
T 28	14 2	17 39	3 48	16 59	0 23	23 38	1 20	16 36	0 7	8 19	1 11	21 13	0 57	21 10	0 26	4 58	0 38	18 30	1 47	21 12	21 26	10 54	12 48	0 15
F 29	14 21	14 23	4 31	17 44	0 34	23 50	1 23	16 50	0 6	8 19	1 11	21 13	0 57	21 10	0 26	4 57	0 38	18 30	1 47	21 12	21 26	10 56	12 49	0 15
S 30	14n40	10n33	4s59	18n27	0n45	24n 0	1n26	17n 3	0s 5	8n20	1n11	21s13	0n57	21s10	0s26	4s57	0s38	18n30	1s47	21s12	21s25	10s58	12n50	0s15

Julian Day Number = 2877507.5, Delta T = 01h14m22s
Ecliptic obliquity = 23°17'16, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°04'21, Lahiri = 40°11'21

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ASTRODIENST EPHEMERIS for the year 3166
geocentric

MAY 3166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 45	10♉46'59	0♍27	22♉24	17♊25	18♉55	11°R25	17°R26	26°R23	18♓56	28♋58	6°R 8	7♐25	19♎ 7	4♉56	S 1
M 2	14 39 41	11°45'52	12°32	24°22	18°36	19°40	11♍23	17♉26	26♉23	18°57	28°58	6♐ 5	7°22	19°14	5° 0	M 2
T 3	14 43 38	12°44'43	24°29	26°18	19°47	20°25	11°22	17°25	26°23	18°59	28°59	6° 2	7°19	19°21	5° 3	T 3
W 4	14 47 35	13°43'31	6♎21	28°11	20°57	21°10	11°22	17°25	26°23	19° 0	28°59	5°58	7°16	19°27	5° 7	W 4
T 5	14 51 31	14°42'17	18°11	0♊ 1	22° 8	21°55	11°21	17°24	26°22	19° 2	29° 0	5°54	7°13	19°34	5°10	T 5
F 6	14 55 28	15°41'02	0♏ 2	1°48	23°19	22°39	11°21	17°23	26°22	19° 3	29° 0	5°51	7°10	19°41	5°14	F 6
S 7	14 59 24	16°39'44	11°56	3°32	24°29	23°24	11°20	17°22	26°22	19° 5	29° 1	5°49	7° 6	19°47	5°17	S 7
S 8	15 3 21	17°38'25	23°54	5°11	25°39	24° 9	11°D20	17°21	26°22	19° 6	29° 1	5°47	7° 3	19°54	5°21	S 8
M 9	15 7 17	18°37'03	5♐59	6°47	26°50	24°53	11°20	17°20	26°21	19° 8	29° 2	5°D47	7° 0	20° 1	5°24	M 9
T 10	15 11 14	19°35'40	18°13	8°18	28° 0	25°38	11°21	17°18	26°21	19° 9	29° 3	5°47	6°57	20° 7	5°28	T 10
W11	15 15 10	20°34'15	0♑38	9°45	29°10	26°23	11°21	17°17	26°20	19°10	29° 3	5°48	6°54	20°14	5°31	W11
T 12	15 19 7	21°32'49	13°15	11° 7	0♋20	27° 7	11°22	17°15	26°20	19°12	29° 4	5°49	6°50	20°21	5°35	T 12
F 13	15 23 4	22°31'21	26° 8	12°25	1°30	27°51	11°23	17°14	26°19	19°13	29° 5	5°51	6°47	20°27	5°38	F 13
S 14	15 27 0	23°29'51	9♒18	13°38	2°39	28°36	11°24	17°12	26°18	19°14	29° 5	5°51	6°44	20°34	5°41	S 14
S 15	15 30 57	24°28'20	22°49	14°46	3°49	29°20	11°25	17°11	26°18	19°15	29° 6	5°R52	6°41	20°41	5°45	S 15
M16	15 34 53	25°26'47	6♓40	15°49	4°58	0♊ 5	11°27	17° 9	26°17	19°17	29° 7	5°52	6°38	20°48	5°48	M16
T 17	15 38 50	26°25'12	20°52	16°47	6° 8	0°49	11°28	17° 7	26°16	19°18	29° 8	5°51	6°35	20°54	5°51	T 17
W18	15 42 46	27°23'36	5♈23	17°40	7°17	1°33	11°30	17° 5	26°15	19°19	29° 8	5°50	6°31	21° 1	5°55	W18
T 19	15 46 43	28°21'59	20° 9	18°28	8°26	2°17	11°32	17° 3	26°15	19°20	29° 9	5°49	6°28	21° 8	5°58	T 19
F 20	15 50 39	29°20'20	5♉ 4	19°11	9°35	3° 1	11°34	17° 1	26°14	19°21	29°10	5°49	6°25	21°14	6° 1	F 20
S 21	15 54 36	0♊18'40	20° 1	19°48	10°44	3°45	11°37	16°58	26°13	19°22	29°11	5°48	6°22	21°21	6° 5	S 21
S 22	15 58 33	1°16'58	4♊50	20°20	11°53	4°29	11°39	16°56	26°12	19°23	29°12	5°D48	6°19	21°28	6° 8	S 22
M23	16 2 29	2°15'14	19°25	20°46	13° 1	5°13	11°42	16°53	26°11	19°24	29°13	5°48	6°16	21°34	6°11	M23
T 24	16 6 26	3°13'29	3♋40	21° 8	14°10	5°57	11°45	16°51	26° 9	19°25	29°14	5°48	6°12	21°41	6°14	T 24
W25	16 10 22	4°11'41	17°31	21°23	15°18	6°41	11°48	16°48	26° 8	19°26	29°15	5°48	6° 9	21°48	6°18	W25
T 26	16 14 19	5° 9'52	0♌57	21°34	16°26	7°25	11°51	16°46	26° 7	19°27	29°16	5°49	6° 6	21°54	6°21	T 26
F 27	16 18 15	6° 8'01	13°58	21°39	17°34	8° 8	11°54	16°43	26° 6	19°28	29°17	5°R49	6° 3	22° 1	6°24	F 27
S 28	16 22 12	7° 6'08	26°37	21°R39	18°42	8°52	11°58	16°40	26° 5	19°28	29°18	5°49	6° 0	22° 8	6°27	S 28
S 29	16 26 8	8° 4'13	8♍57	21°35	19°50	9°36	12° 1	16°37	26° 3	19°29	29°19	5°D49	5°56	22°14	6°30	S 29
M30	16 30 5	9° 2'16	21° 3	21°25	20°58	10°19	12° 5	16°34	26° 2	19°30	29°20	5°49	5°53	22°21	6°33	M30
T 31	16 34 2	10♊ 0'17	2♎59	21♊11	22♋ 5	11♊ 3	12♍ 9	16♉31	26♉ 0	19♓31	29♋21	5♐49	5♐50	22♎28	6♉37	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n58	6n22	5s13	19n 9	0n56	24n10	1n29	17n16	0s 5	8n20	1n11	21s13	0n57	21s10	0s26	4s56	0s38	18n30	1s47	21s12	21s25	11s 0	12n51	0s15
M 2	15 16	2 0	5 12	19 49	1 7	24 19	1 31	17 29	0 4	8 20	1 11	21 13	0 57	21 10	0 26	4 55	0 38	18 30	1 46	21 11	21 24	11 2	12 52	0 15
T 3	15 34	2s23	4 58	20 27	1 17	24 28	1 34	17 41	0 3	8 21	1 10	21 13	0 57	21 10	0 26	4 55	0 38	18 30	1 46	21 11	21 24	11 4	12 53	0 15
W 4	15 52	6 40	4 31	21 3	1 27	24 36	1 37	17 54	0 3	8 21	1 10	21 14	0 57	21 10	0 26	4 54	0 38	18 30	1 46	21 10	21 23	11 6	12 54	0 15
T 5	16 9	10 41	3 53	21 36	1 37	24 43	1 40	18 6	0 2	8 21	1 10	21 14	0 57	21 11	0 26	4 54	0 38	18 30	1 46	21 9	21 23	11 8	12 55	0 15
F 6	16 26	14 18	3 5	22 8	1 46	24 49	1 42	18 18	0 1	8 21	1 10	21 14	0 57	21 11	0 26	4 53	0 38	18 30	1 46	21 9	21 22	11 10	12 56	0 15
S 7	16 43	17 21	2 8	22 36	1 55	24 55	1 45	18 30	0 1	8 21	1 10	21 14	0 57	21 11	0 26	4 53	0 38	18 30	1 46	21 8	21 22	11 12	12 58	0 15
S 8	16 59	19 41	1 5	23 3	2 3	25 1	1 48	18 41	0n 0	8 21	1 10	21 14	0 57	21 11	0 26	4 52	0 38	18 30	1 46	21 8	21 21	11 14	12 59	0 16
M 9	17 15	21 9	0n 1	23 27	2 10	25 5	1 50	18 53	0 1	8 20	1 10	21 14	0 57	21 11	0 26	4 52	0 38	18 30	1 46	21 8	21 20	11 16	13 0	0 16
T 10	17 31	21 38	1 8	23 48	2 17	25 9	1 53	19 4	0 1	8 20	1 9	21 14	0 57	21 11	0 26	4 51	0 38	18 30	1 46	21 8	21 20	11 18	13 1	0 16
W11	17 47	21 4	2 13	24 7	2 23	25 12	1 55	19 15	0 2	8 20	1 9	21 14	0 57	21 11	0 27	4 51	0 38	18 30	1 46	21 8	21 19	11 20	13 2	0 16
T 12	18 2	19 26	3 13	24 24	2 28	25 15	1 57	19 26	0 3	8 19	1 9	21 15	0 57	21 11	0 27	4 50	0 38	18 30	1 45	21 8	21 19	11 22	13 3	0 16
F 13	18 17	16 47	4 4	24 39	2 32	25 16	2 0	19 37	0 3	8 19	1 9	21 15	0 57	21 11	0 27	4 50	0 38	18 30	1 45	21 9	21 18	11 24	13 4	0 16
S 14	18 32	13 15	4 44	24 51	2 35	25 17	2 2	19 47	0 4	8 18	1 9	21 15	0 57	21 12	0 27	4 49	0 38	18 30	1 45	21 9	21 18	11 26	13 5	0 16
S 15	18 46	8 57	5 9	25 1	2 37	25 18	2 4	19 57	0 5	8 18	1 9	21 15	0 57	21 12	0 27	4 49	0 38	18 30	1 45	21 9	21 17	11 28	13 6	0 16
M16	19 0	4 6	5 17	25 9	2 38	25 18	2 6	20 8	0 5	8 17	1 9	21 15	0 57	21 12	0 27	4 48	0 38	18 29	1 45	21 9	21 17	11 30	13 7	0 16
T 17	19 14	1n 6	5 6	25 15	2 38	25 17	2 8	20 17	0 6	8 16	1 8	21 16	0 57	21 12	0 27	4 48	0 38	18 29	1 45	21 9	21 16	11 32	13 8	0 16
W18	19 27	6 21	4 36	25 19	2 37	25 15	2 10	20 27	0 7	8 16	1 8	21 16	0 57	21 12	0 27	4 47	0 38	18 29	1 45	21 9	21 16	11 33	13 9	0 16
T 19	19 40	11 20	3 47	25 21	2 34	25 13	2 12	20 36	0 7	8 15	1 8	21 16	0 57	21 12	0 27	4 47	0 38	18 29	1 45	21 8	21 15	11 35	13 10	0 16
F 20	19 53	15 41	2 42	25 22	2 31	25 10	2 14	20 46	0 8	8 14	1 8	21 16	0 57	21 13	0 27	4 47	0 38	18 29	1 45	21 8	21 15	11 37	13 11	0 16
S 21	20 5	19 1	1 27	25 20	2 27	25 6	2 15	20 55	0 9	8 13	1 8	21 17	0 57	21 13	0 27	4 46	0 38	18 29	1 45	21 8	21 14	11 39	13 12	0 16
S 22	20 17	21 3	0 5	25 17	2 21	25 2	2 17	21 3	0 9	8 12	1 8	21 17	0 57	21 13	0 27	4 46	0 38	18 29	1 45	21 8	21 14	11 41	13 13	0 17
M23	20 29	21 37	1s15	25 12	2 14	24 57	2 19	21 12	0 10	8 10	1 8	21 17	0 57	21 13	0 27	4 46	0 38	18 29	1 44	21 8	21 13	11 43	13 14	0 17
T 24	20 40	20 46	2 29	25 6	2 6	24 52	2 20	21 20	0 11	8 9	1 7	21 18	0 57	21 13	0 27	4 45	0 38	18 29	1 44	21 8	21 12	11 45	13 15	0 17
W25	20 51	18 39	3 32	24 58	1 57	24 45	2 21	21 28	0 11	8 8	1 7	21 18	0 57	21 14	0 27	4 45	0 38	18 29	1 44	21 8	21 12	11 47	13 16	0 17
T 26	21 2	15 34	4 21	24 48	1 47	24 39	2 23	21 36	0 12	8 7	1 7	21 18	0 57	21 14	0 27	4 45	0 38	18 29	1 44	21 8	21 11	11 49	13 17	0 17
F 27	21 12	11 49	4 55	24 37	1 36	24 31	2 24	21 44	0 12	8 5	1 7	21 19	0 57	21 14	0 27	4 44	0 38	18 28	1 44	21 8	21 11	11 51	13 18	0 17
S 28	21 21	7 39	5 13	24 25	1 23	24 23	2 25	21 51	0 13	8 4	1 7	21 19	0 57	21 15	0 27	4 44	0 39	18 28	1 44	21 8	21 10	11 53	13 19	0 17
S 29	21 31	3 15	5 17	24 11	1 10	24 14	2 26	21 59	0 14	8 2	1 7	21 19	0 57	21 15	0 27	4 44	0 39	18 28	1 44	21 8	21 10	11 55	13 20	0 17
M30	21 40	1s11	5 6	23 56	0 56	24 5	2 27	22 6	0 14	8 1	1 6	21 20	0 57	21 15	0 27	4 43	0 39	18 28	1 44	21 8	21 9	11 57	13 21	0 17
T 31	21n49	5s31	4s43	23n40	0n41	23n55	2n28	22n12	0n15	7n59	1n 6	21s20	0n57	21s15	0s27	4s43	0s39	18n28	1s44	21s 8	21s 9	11s58	13n22	0s17

Julian Day Number = 2877537.5, Delta T = 01h14m23s
Ecliptic obliquity = 23°17'15, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°04'25, Lahiri = 40°11'26

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ASTRODIENST EPHEMERIS for the year 3166
geocentric

JUNE 3166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 37 58	10♊58'17	14♎51	20°R53	23♋12	11♊46	12♍14	16°R28	25°R59	19♓31	29♋22	5♐49	5♐47	22♎34	6♉40	W 1
T 2	16 41 55	11°56'14	26°40	20♊31	24°19	12°30	12°18	16♏25	25♏57	19°32	29°23	5°50	5°44	22°41	6°43	T 2
F 3	16 45 51	12°54'11	8♏33	20° 5	25°26	13°13	12°22	16°22	25°56	19°33	29°24	5°51	5°41	22°48	6°46	F 3
S 4	16 49 48	13°52'05	20°31	19°37	26°33	13°56	12°27	16°18	25°54	19°33	29°25	5°51	5°37	22°54	6°49	S 4
S 5	16 53 44	14°49'58	2♐38	19° 6	27°40	14°40	12°32	16°15	25°53	19°34	29°26	5°R52	5°34	23° 1	6°52	S 5
M 6	16 57 41	15°47'50	14°56	18°34	28°46	15°23	12°37	16°11	25°51	19°34	29°27	5°51	5°31	23° 8	6°54	M 6
T 7	17 1 37	16°45'40	27°26	18° 0	29°52	16° 6	12°42	16° 8	25°49	19°35	29°28	5°51	5°28	23°15	6°57	T 7
W 8	17 5 34	17°43'29	10♑ 9	17°25	0♌58	16°49	12°47	16° 4	25°48	19°35	29°30	5°50	5°25	23°21	7° 0	W 8
T 9	17 9 31	18°41'17	23° 6	16°50	2° 4	17°32	12°53	16° 1	25°46	19°36	29°31	5°48	5°22	23°28	7° 3	T 9
F 10	17 13 27	19°39'03	6♒17	16°16	3° 9	18°15	12°59	15°57	25°44	19°36	29°32	5°46	5°18	23°35	7° 6	F 10
S 11	17 17 24	20°36'48	19°42	15°43	4°15	18°58	13° 4	15°53	25°42	19°37	29°33	5°45	5°15	23°41	7° 9	S 11
S 12	17 21 20	21°34'33	3♓20	15°12	5°20	19°41	13°10	15°49	25°41	19°37	29°35	5°43	5°12	23°48	7°11	S 12
M13	17 25 17	22°32'16	17°13	14°43	6°25	20°24	13°16	15°46	25°39	19°37	29°36	5°D42	5° 9	23°55	7°14	M13
T 14	17 29 13	23°29'58	1♈18	14°16	7°29	21° 7	13°22	15°42	25°37	19°37	29°37	5°43	5° 6	24° 1	7°17	T 14
W15	17 33 10	24°27'39	15°34	13°53	8°34	21°49	13°29	15°38	25°35	19°38	29°38	5°43	5° 2	24° 8	7°19	W15
T 16	17 37 6	25°25'20	29°58	13°33	9°38	22°32	13°35	15°34	25°33	19°38	29°40	5°45	4°59	24°15	7°22	T 16
F 17	17 41 3	26°23'00	14♉29	13°17	10°42	23°15	13°42	15°30	25°31	19°38	29°41	5°46	4°56	24°21	7°25	F 17
S 18	17 45 0	27°20'38	29° 0	13° 4	11°46	23°57	13°49	15°26	25°29	19°38	29°42	5°R47	4°53	24°28	7°27	S 18
S 19	17 48 56	28°18'16	13♊27	12°56	12°49	24°40	13°55	15°21	25°27	19°38	29°44	5°47	4°50	24°35	7°30	S 19
M20	17 52 53	29°15'53	27°45	12°D53	13°53	25°22	14° 2	15°17	25°25	19°38	29°45	5°45	4°47	24°41	7°32	M20
T 21	17 56 49	0♋13'29	11♋48	12°53	14°56	26° 5	14°10	15°13	25°22	19°38	29°46	5°43	4°43	24°48	7°34	T 21
W22	18 0 46	1°11'04	25°33	12°58	15°58	26°47	14°17	15° 9	25°20	19°R39	29°48	5°40	4°40	24°55	7°37	W22
T 23	18 4 42	2° 8'37	8♌57	13° 8	17° 1	27°30	14°24	15° 5	25°18	19°38	29°49	5°36	4°37	25° 1	7°39	T 23
F 24	18 8 39	3° 6'10	21°58	13°22	18° 3	28°12	14°32	15° 0	25°16	19°38	29°50	5°32	4°34	25° 8	7°41	F 24
S 25	18 12 36	4° 3'41	4♍39	13°41	19° 4	28°54	14°39	14°56	25°14	19°38	29°52	5°28	4°31	25°15	7°44	S 25
S 26	18 16 32	5° 1'11	17° 2	14° 4	20° 6	29°36	14°47	14°52	25°12	19°38	29°53	5°26	4°28	25°21	7°46	S 26
M27	18 20 29	5°58'39	29° 9	14°31	21° 7	0♋18	14°55	14°47	25° 9	19°38	29°55	5°24	4°24	25°28	7°48	M27
T 28	18 24 25	6°56'07	11♎ 6	15° 3	22° 8	1° 0	15° 3	14°43	25° 7	19°38	29°56	5°D24	4°21	25°35	7°50	T 28
W29	18 28 22	7°53'34	22°57	15°38	23° 8	1°42	15°11	14°39	25° 5	19°38	29°57	5°25	4°18	25°41	7°52	W29
T 30	18 32 18	8♋50'59	4♏48	16♊18	24♌ 9	2♋24	15♍20	14♏34	25♏ 2	19♓37	29♋59	5♐27	4♐15	25♎48	7♉55	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n57	9s37	4s 7	23n23	0n25	23n45	2n28	22n19	0n16	7n57	1n 6	21s21	0n57	21s16	0s27	4s43	0s39	18n28	1s44	21s 8	21s 8	12s 0	13n23	0s17
T 2	22 5	13 21	3 21	23 5	0 8	23 34	2 29	22 25	0 16	7 55	1 6	21 21	0 57	21 16	0 27	4 43	0 39	18 28	1 44	21 9	21 7	12 2	13 24	0 17
F 3	22 12	16 34	2 26	22 46	0s 9	23 22	2 29	22 31	0 17	7 53	1 6	21 21	0 57	21 16	0 27	4 42	0 39	18 28	1 43	21 9	21 7	12 4	13 25	0 17
S 4	22 19	19 7	1 24	22 27	0 27	23 10	2 30	22 37	0 18	7 52	1 6	21 22	0 57	21 17	0 27	4 42	0 39	18 27	1 43	21 9	21 6	12 6	13 26	0 18
S 5	22 26	20 51	0 18	22 6	0 44	22 57	2 30	22 43	0 18	7 50	1 6	21 22	0 57	21 17	0 27	4 42	0 39	18 27	1 43	21 9	21 6	12 8	13 26	0 18
M 6	22 32	21 37	0n50	21 46	1 2	22 44	2 30	22 48	0 19	7 48	1 5	21 23	0 57	21 17	0 27	4 42	0 39	18 27	1 43	21 9	21 5	12 10	13 27	0 18
T 7	22 38	21 19	1 57	21 25	1 20	22 30	2 30	22 53	0 19	7 45	1 5	21 23	0 57	21 18	0 27	4 42	0 39	18 27	1 43	21 9	21 5	12 12	13 28	0 18
W 8	22 43	19 56	2 59	21 5	1 37	22 16	2 30	22 58	0 20	7 43	1 5	21 24	0 56	21 18	0 27	4 42	0 39	18 27	1 43	21 8	21 4	12 13	13 29	0 18
T 9	22 49	17 30	3 53	20 45	1 54	22 1	2 30	23 3	0 21	7 41	1 5	21 24	0 56	21 18	0 27	4 41	0 39	18 27	1 43	21 8	21 4	12 15	13 30	0 18
F 10	22 53	14 8	4 35	20 25	2 11	21 45	2 30	23 7	0 21	7 39	1 5	21 24	0 56	21 19	0 27	4 41	0 39	18 27	1 43	21 8	21 3	12 17	13 31	0 18
S 11	22 57	10 0	5 4	20 6	2 26	21 30	2 29	23 12	0 22	7 36	1 5	21 25	0 56	21 19	0 27	4 41	0 39	18 26	1 43	21 8	21 2	12 19	13 31	0 18
S 12	23 1	5 18	5 16	19 48	2 41	21 13	2 29	23 16	0 22	7 34	1 5	21 25	0 56	21 19	0 27	4 41	0 39	18 26	1 43	21 7	21 2	12 21	13 32	0 18
M13	23 5	0 16	5 10	19 31	2 55	20 57	2 28	23 19	0 23	7 32	1 4	21 26	0 56	21 20	0 27	4 41	0 39	18 26	1 43	21 7	21 1	12 23	13 33	0 18
T 14	23 8	4n53	4 45	19 15	3 8	20 39	2 27	23 23	0 24	7 29	1 4	21 26	0 56	21 20	0 27	4 41	0 39	18 26	1 43	21 7	21 1	12 25	13 34	0 18
W15	23 10	9 49	4 3	19 1	3 20	20 22	2 27	23 26	0 24	7 27	1 4	21 27	0 56	21 20	0 27	4 41	0 39	18 26	1 42	21 7	21 0	12 26	13 35	0 18
T 16	23 13	14 17	3 5	18 48	3 30	20 4	2 25	23 29	0 25	7 24	1 4	21 27	0 56	21 21	0 27	4 41	0 39	18 25	1 42	21 8	21 0	12 28	13 35	0 19
F 17	23 14	17 55	1 55	18 37	3 40	19 45	2 24	23 32	0 25	7 21	1 4	21 28	0 56	21 21	0 27	4 41	0 39	18 25	1 42	21 8	20 59	12 30	13 36	0 19
S 18	23 16	20 25	0 37	18 27	3 48	19 26	2 23	23 35	0 26	7 19	1 4	21 28	0 56	21 22	0 28	4 41	0 39	18 25	1 42	21 8	20 58	12 32	13 37	0 19
S 19	23 17	21 34	0s42	18 19	3 55	19 7	2 22	23 37	0 27	7 16	1 4	21 29	0 56	21 22	0 28	4 41	0 39	18 25	1 42	21 8	20 58	12 34	13 38	0 19
M20	23 17	21 18	1 58	18 13	4 0	18 47	2 20	23 39	0 27	7 13	1 4	21 29	0 56	21 22	0 28	4 41	0 39	18 25	1 42	21 8	20 57	12 36	13 38	0 19
T 21	23 17	19 41	3 5	18 9	4 5	18 27	2 18	23 41	0 28	7 10	1 3	21 30	0 56	21 23	0 28	4 41	0 39	18 24	1 42	21 7	20 57	12 37	13 39	0 19
W22	23 17	16 57	4 0	18 6	4 8	18 7	2 16	23 43	0 28	7 7	1 3	21 30	0 56	21 23	0 28	4 41	0 39	18 24	1 42	21 7	20 56	12 39	13 40	0 19
T 23	23 16	13 23	4 40	18 5	4 10	17 46	2 14	23 45	0 29	7 4	1 3	21 31	0 56	21 24	0 28	4 41	0 39	18 24	1 42	21 6	20 56	12 41	13 40	0 19
F 24	23 15	9 17	5 5	18 6	4 11	17 25	2 12	23 46	0 29	7 1	1 3	21 31	0 56	21 24	0 28	4 41	0 39	18 24	1 42	21 5	20 55	12 43	13 41	0 19
S 25	23 14	4 52	5 13	18 8	4 11	17 4	2 10	23 47	0 30	6 58	1 3	21 32	0 56	21 24	0 28	4 41	0 39	18 24	1 42	21 5	20 54	12 45	13 42	0 19
S 26	23 12	0 22	5 7	18 12	4 10	16 42	2 7	23 48	0 31	6 55	1 3	21 33	0 56	21 25	0 28	4 41	0 39	18 23	1 42	21 4	20 54	12 46	13 42	0 19
M27	23 9	4s 4	4 47	18 17	4 8	16 20	2 5	23 48	0 31	6 52	1 3	21 33	0 56	21 25	0 28	4 41	0 39	18 23	1 42	21 4	20 53	12 48	13 43	0 19
T 28	23 6	8 17	4 15	18 23	4 5	15 58	2 2	23 49	0 32	6 49	1 3	21 34	0 56	21 26	0 28	4 41	0 39	18 23	1 41	21 4	20 53	12 50	13 44	0 20
W29	23 3	12 9	3 32	18 31	4 1	15 36	1 59	23 49	0 32	6 46	1 2	21 34	0 55	21 26	0 28	4 41	0 40	18 23	1 41	21 4	20 52	12 52	13 44	0 20
T 30	23n 0	15s33	2s40	18n40	3s57	15n13	1n56	23n49	0n33	6n42	1n 2	21s35	0n55	21s27	0s28	4s41	0s40	18n22	1s41	21s 4	20s52	12s54	13n45	0s20

Julian Day Number = 2877568.5, Delta T = 01h14m24s
Ecliptic obliquity = 23°17'14, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°04'29, Lahiri = 40°11'30

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ASTRODIENST EPHEMERIS for the year 3166
geocentric

JULY 3166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 36 15	9♋48'24	16♏42	17♊ 2	25♌ 8	3♋ 6	15♍28	14°R30	25°R 0	19°R37	0♌ 0	5♐28	4♐12	25♎55	7♑57	F 1
S 2	18 40 11	10°45'48	28°45	17°50	26° 8	3°48	15°36	14♑25	24♑58	19♓37	0° 2	5°29	4° 8	26° 1	7°59	S 2
S 3	18 44 8	11°43'10	11♐ 0	18°42	27° 7	4°30	15°45	14°21	24°55	19°36	0° 3	5°R29	4° 5	26° 8	8° 0	S 3
M 4	18 48 5	12°40'32	23°30	19°37	28° 5	5°12	15°54	14°17	24°53	19°36	0° 5	5°28	4° 2	26°15	8° 2	M 4
T 5	18 52 1	13°37'54	6♑17	20°36	29° 3	5°54	16° 2	14°12	24°51	19°36	0° 6	5°25	3°59	26°22	8° 4	T 5
W 6	18 55 58	14°35'14	19°21	21°39	0♍ 1	6°35	16°11	14° 8	24°48	19°35	0° 8	5°20	3°56	26°28	8° 6	W 6
T 7	18 59 54	15°32'34	2♒42	22°46	0°58	7°17	16°20	14° 3	24°46	19°35	0° 9	5°14	3°53	26°35	8° 8	T 7
F 8	19 3 51	16°29'54	16°17	23°56	1°55	7°58	16°30	13°59	24°44	19°34	0°11	5° 7	3°49	26°42	8°10	F 8
S 9	19 7 47	17°27'13	0♓ 5	25°10	2°51	8°40	16°39	13°54	24°41	19°34	0°12	5° 1	3°46	26°48	8°11	S 9
S 10	19 11 44	18°24'31	14° 3	26°27	3°47	9°21	16°48	13°50	24°39	19°33	0°14	4°56	3°43	26°55	8°13	S 10
M11	19 15 40	19°21'50	28° 7	27°47	4°42	10° 3	16°58	13°46	24°36	19°33	0°15	4°52	3°40	27° 2	8°14	M11
T 12	19 19 37	20°19'08	12♈15	29°11	5°37	10°44	17° 7	13°41	24°34	19°32	0°17	4°50	3°37	27° 8	8°16	T 12
W13	19 23 34	21°16'26	26°25	0♋38	6°31	11°26	17°17	13°37	24°31	19°31	0°18	4°D50	3°34	27°15	8°18	W13
T 14	19 27 30	22°13'44	10♉36	2° 9	7°25	12° 7	17°26	13°32	24°29	19°31	0°20	4°51	3°30	27°22	8°19	T 14
F 15	19 31 27	23°11'03	24°45	3°42	8°18	12°48	17°36	13°28	24°27	19°30	0°21	4°52	3°27	27°28	8°20	F 15
S 16	19 35 23	24° 8'21	8♊52	5°20	9°11	13°29	17°46	13°24	24°24	19°29	0°23	4°R52	3°24	27°35	8°22	S 16
S 17	19 39 20	25° 5'39	22°53	7° 0	10° 3	14°11	17°56	13°19	24°22	19°29	0°24	4°51	3°21	27°42	8°23	S 17
M18	19 43 16	26° 2'57	6♋46	8°43	10°54	14°52	18° 6	13°15	24°19	19°28	0°26	4°47	3°18	27°48	8°24	M18
T 19	19 47 13	27° 0'15	20°28	10°30	11°45	15°33	18°16	13°11	24°17	19°27	0°27	4°41	3°14	27°55	8°26	T 19
W20	19 51 9	27°57'32	3♌56	12°19	12°35	16°14	18°27	13° 7	24°14	19°26	0°29	4°34	3°11	28° 2	8°27	W20
T 21	19 55 6	28°54'50	17° 8	14°11	13°24	16°55	18°37	13° 2	24°12	19°25	0°30	4°24	3° 8	28° 8	8°28	T 21
F 22	19 59 3	29°52'07	0♍ 2	16° 6	14°13	17°36	18°47	12°58	24° 9	19°24	0°32	4°15	3° 5	28°15	8°29	F 22
S 23	20 2 59	0♌49'24	12°39	18° 4	15° 0	18°17	18°58	12°54	24° 7	19°23	0°33	4° 6	3° 2	28°22	8°30	S 23
S 24	20 6 56	1°46'40	24°59	20° 3	15°47	18°57	19° 8	12°50	24° 5	19°22	0°35	3°59	2°59	28°28	8°31	S 24
M25	20 10 52	2°43'57	7♎ 5	22° 5	16°33	19°38	19°19	12°46	24° 2	19°21	0°36	3°53	2°55	28°35	8°32	M25
T 26	20 14 49	3°41'13	19° 1	24° 9	17°19	20°19	19°30	12°42	24° 0	19°20	0°38	3°50	2°52	28°42	8°33	T 26
W27	20 18 45	4°38'29	0♏52	26°15	18° 3	21° 0	19°41	12°38	23°57	19°19	0°39	3°D49	2°49	28°48	8°33	W27
T 28	20 22 42	5°35'44	12°42	28°22	18°46	21°40	19°51	12°34	23°55	19°18	0°41	3°49	2°46	28°55	8°34	T 28
F 29	20 26 38	6°33'00	24°37	0♌30	19°29	22°21	20° 2	12°30	23°53	19°17	0°43	3°50	2°43	29° 2	8°35	F 29
S 30	20 30 35	7°30'15	6♐42	2°39	20°10	23° 1	20°13	12°26	23°50	19°16	0°44	3°R50	2°40	29° 8	8°36	S 30
S 31	20 34 32	8♌27'31	19♐ 2	4♌48	20♍51	23♋42	20♍24	12♑23	23♑48	19♓15	0♌46	3♐49	2♐36	29♎15	8♑36	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n56	18s20	1s41	18n49	3s51	14n50	1n53	23n48	0n33	6n39	1n 2	21s35	0n55	21s27	0s28	4s42	0s40	18n22	1s41	21s 5	20s51	12s55	13n45	0s20
S 2	22 51	20 21	0 37	19 0	3 45	14 27	1 49	23 48	0 34	6 36	1 2	21 36	0 55	21 27	0 28	4 42	0 40	18 22	1 41	21 5	20 50	12 57	13 46	0 20
S 3	22 46	21 27	0n30	19 11	3 38	14 3	1 46	23 47	0 34	6 32	1 2	21 36	0 55	21 28	0 28	4 42	0 40	18 22	1 41	21 5	20 50	12 59	13 46	0 20
M 4	22 41	21 31	1 37	19 23	3 30	13 40	1 42	23 46	0 35	6 29	1 2	21 37	0 55	21 28	0 28	4 42	0 40	18 22	1 41	21 5	20 49	13 1	13 47	0 20
T 5	22 36	20 29	2 40	19 36	3 22	13 16	1 38	23 45	0 36	6 25	1 2	21 37	0 55	21 29	0 28	4 42	0 40	18 21	1 41	21 4	20 49	13 3	13 48	0 20
W 6	22 30	18 20	3 36	19 48	3 13	12 52	1 34	23 43	0 36	6 22	1 2	21 38	0 55	21 29	0 28	4 42	0 40	18 21	1 41	21 3	20 48	13 4	13 48	0 20
T 7	22 23	15 11	4 21	20 2	3 4	12 28	1 30	23 42	0 37	6 18	1 2	21 38	0 55	21 30	0 28	4 43	0 40	18 21	1 41	21 2	20 47	13 6	13 49	0 20
F 8	22 17	11 11	4 53	20 15	2 54	12 4	1 26	23 40	0 37	6 15	1 2	21 39	0 55	21 30	0 28	4 43	0 40	18 21	1 41	21 1	20 47	13 8	13 49	0 20
S 9	22 9	6 33	5 8	20 28	2 44	11 39	1 21	23 38	0 38	6 11	1 1	21 40	0 55	21 31	0 28	4 43	0 40	18 20	1 41	21 0	20 46	13 10	13 49	0 20
S 10	22 2	1 32	5 5	20 41	2 34	11 15	1 17	23 36	0 38	6 7	1 1	21 40	0 55	21 31	0 28	4 43	0 40	18 20	1 41	20 59	20 46	13 11	13 50	0 21
M11	21 54	3n36	4 44	20 54	2 23	10 50	1 12	23 33	0 39	6 4	1 1	21 41	0 55	21 31	0 28	4 44	0 40	18 20	1 41	20 58	20 45	13 13	13 50	0 21
T 12	21 46	8 35	4 6	21 6	2 11	10 25	1 7	23 31	0 39	6 0	1 1	21 41	0 54	21 32	0 28	4 44	0 40	18 20	1 40	20 58	20 44	13 15	13 51	0 21
W13	21 37	13 7	3 13	21 18	2 0	10 1	1 1	23 28	0 40	5 56	1 1	21 42	0 54	21 32	0 28	4 44	0 40	18 19	1 40	20 58	20 44	13 17	13 51	0 21
T 14	21 28	16 55	2 7	21 28	1 48	9 36	0 56	23 24	0 40	5 52	1 1	21 42	0 54	21 33	0 28	4 44	0 40	18 19	1 40	20 58	20 43	13 18	13 51	0 21
F 15	21 19	19 43	0 54	21 38	1 36	9 11	0 50	23 21	0 41	5 48	1 1	21 43	0 54	21 33	0 28	4 45	0 40	18 19	1 40	20 58	20 43	13 20	13 52	0 21
S 16	21 9	21 17	0s22	21 47	1 24	8 46	0 44	23 18	0 41	5 44	1 1	21 43	0 54	21 34	0 28	4 45	0 40	18 19	1 40	20 58	20 42	13 22	13 52	0 21
S 17	20 59	21 30	1 36	21 55	1 11	8 21	0 38	23 14	0 42	5 40	1 1	21 44	0 54	21 34	0 28	4 45	0 40	18 18	1 40	20 58	20 41	13 24	13 53	0 21
M18	20 48	20 24	2 43	22 1	0 59	7 56	0 32	23 10	0 42	5 36	1 1	21 44	0 54	21 34	0 28	4 46	0 40	18 18	1 40	20 57	20 41	13 25	13 53	0 21
T 19	20 37	18 7	3 40	22 6	0 47	7 31	0 26	23 6	0 43	5 32	1 1	21 45	0 54	21 35	0 28	4 46	0 40	18 18	1 40	20 56	20 40	13 27	13 53	0 21
W20	20 26	14 52	4 23	22 9	0 34	7 6	0 19	23 2	0 43	5 28	1 0	21 45	0 54	21 35	0 28	4 46	0 40	18 18	1 40	20 55	20 40	13 29	13 53	0 21
T 21	20 15	10 57	4 52	22 10	0 22	6 41	0 13	22 57	0 44	5 24	1 0	21 46	0 54	21 36	0 28	4 47	0 40	18 17	1 40	20 53	20 39	13 30	13 54	0 22
F 22	20 3	6 38	5 5	22 9	0 10	6 16	0 6	22 52	0 44	5 20	1 0	21 46	0 53	21 36	0 28	4 47	0 40	18 17	1 40	20 52	20 38	13 32	13 54	0 22
S 23	19 51	2 7	5 2	22 6	0n 1	5 51	0s 1	22 47	0 45	5 16	1 0	21 47	0 53	21 37	0 28	4 48	0 40	18 17	1 40	20 50	20 38	13 34	13 54	0 22
S 24	19 38	2s23	4 45	22 0	0 12	5 26	0 9	22 42	0 45	5 12	1 0	21 47	0 53	21 37	0 28	4 48	0 40	18 16	1 40	20 49	20 37	13 36	13 54	0 22
M25	19 25	6 43	4 16	21 52	0 23	5 1	0 16	22 37	0 46	5 7	1 0	21 48	0 53	21 37	0 28	4 48	0 40	18 16	1 40	20 48	20 37	13 37	13 55	0 22
T 26	19 12	10 44	3 36	21 42	0 34	4 37	0 24	22 32	0 46	5 3	1 0	21 48	0 53	21 38	0 28	4 49	0 40	18 16	1 40	20 47	20 36	13 39	13 55	0 22
W27	18 59	14 19	2 47	21 29	0 44	4 12	0 32	22 26	0 47	4 59	1 0	21 49	0 53	21 38	0 28	4 49	0 40	18 16	1 40	20 47	20 35	13 41	13 55	0 22
T 28	18 45	17 19	1 51	21 13	0 53	3 48	0 40	22 20	0 47	4 55	1 0	21 49	0 53	21 39	0 28	4 50	0 40	18 15	1 40	20 47	20 35	13 42	13 55	0 22
F 29	18 31	19 36	0 49	20 55	1 1	3 24	0 48	22 14	0 48	4 50	1 0	21 50	0 53	21 39	0 28	4 50	0 40	18 15	1 39	20 47	20 34	13 44	13 55	0 22
S 30	18 17	21 2	0n15	20 34	1 9	3 0	0 57	22 8	0 48	4 46	1 0	21 50	0 53	21 40	0 28	4 50	0 40	18 15	1 39	20 47	20 34	13 46	13 55	0 22
S 31	18n 2	21s30	1n20	20n11	1n17	2n36	1s 6	22n 1	0n49	4n41	1n 0	21s51	0n52	21s40	0s28	4s51	0s40	18n15	1s39	20s47	20s33	13s47	13n56	0s22

Julian Day Number = 2877598.5, Delta T = 01h14m24s
Ecliptic obliquity = 23°17'14, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°04'34, Lahiri = 40°11'34

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ASTRODIENST EPHEMERIS for the year 3166
geocentric

AUGUST 3166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 38 28	9♌24'46	1♉40	6♌58	21♍30	24♋22	20♍36	12°R19	23°R46	19°R14	0♌47	3°R46	2♐33	29♎22	8♉37	M 1
T 2	20 42 25	10°22'02	14°40	9° 7	22° 8	25° 3	20°47	12♉15	23♉43	19♓13	0°49	3♐40	2°30	29°28	8°37	T 2
W 3	20 46 21	11°19'17	28° 2	11°16	22°45	25°43	20°58	12°12	23°41	19°12	0°50	3°32	2°27	29°35	8°38	W 3
T 4	20 50 18	12°16'33	11♒46	13°24	23°21	26°23	21°10	12° 8	23°39	19°10	0°52	3°22	2°24	29°42	8°38	T 4
F 5	20 54 14	13°13'49	25°47	15°32	23°56	27° 4	21°21	12° 5	23°37	19° 9	0°53	3°12	2°20	29°48	8°38	F 5
S 6	20 58 11	14°11'05	10♓ 2	17°39	24°29	27°44	21°32	12° 1	23°34	19° 8	0°55	3° 1	2°17	29°55	8°39	S 6
S 7	21 2 7	15° 8'22	24°24	19°44	25° 1	28°24	21°44	11°58	23°32	19° 7	0°56	2°52	2°14	0♏ 2	8°39	S 7
M 8	21 6 4	16° 5'39	8♈49	21°48	25°32	29° 4	21°56	11°55	23°30	19° 5	0°58	2°46	2°11	0° 8	8°39	M 8
T 9	21 10 1	17° 2'57	23°11	23°51	26° 1	29°44	22° 7	11°51	23°28	19° 4	0°59	2°42	2° 8	0°15	8°39	T 9
W10	21 13 57	18° 0'16	7♉26	25°52	26°28	0♌24	22°19	11°48	23°26	19° 3	1° 1	2°40	2° 5	0°22	8°39	W10
T 11	21 17 54	18°57'35	21°33	27°52	26°54	1° 4	22°31	11°45	23°23	19° 1	1° 2	2°D39	2° 1	0°28	8°R39	T 11
F 12	21 21 50	19°54'56	5♊31	29°50	27°18	1°44	22°42	11°42	23°21	19° 0	1° 4	2°R39	1°58	0°35	8°39	F 12
S 13	21 25 47	20°52'17	19°20	1♍46	27°41	2°24	22°54	11°39	23°19	18°59	1° 5	2°39	1°55	0°42	8°39	S 13
S 14	21 29 43	21°49'40	2♋59	3°41	28° 2	3° 4	23° 6	11°36	23°17	18°57	1° 6	2°36	1°52	0°48	8°39	S 14
M15	21 33 40	22°47'03	16°28	5°34	28°21	3°44	23°18	11°34	23°15	18°56	1° 8	2°30	1°49	0°55	8°39	M15
T 16	21 37 36	23°44'26	29°47	7°25	28°39	4°24	23°30	11°31	23°13	18°54	1° 9	2°22	1°46	1° 2	8°39	T 16
W17	21 41 33	24°41'51	12♌53	9°15	28°54	5° 3	23°42	11°28	23°11	18°53	1°11	2°11	1°42	1° 8	8°39	W17
T 18	21 45 30	25°39'16	25°47	11° 3	29° 7	5°43	23°55	11°26	23° 9	18°51	1°12	1°59	1°39	1°15	8°38	T 18
F 19	21 49 26	26°36'42	8♍28	12°50	29°19	6°23	24° 7	11°23	23° 7	18°50	1°14	1°46	1°36	1°22	8°38	F 19
S 20	21 53 23	27°34'09	20°54	14°34	29°28	7° 2	24°19	11°21	23° 5	18°48	1°15	1°33	1°33	1°28	8°37	S 20
S 21	21 57 19	28°31'36	3♎ 7	16°17	29°35	7°42	24°31	11°19	23° 4	18°47	1°16	1°23	1°30	1°35	8°37	S 21
M22	22 1 16	29°29'04	15° 9	17°58	29°40	8°22	24°43	11°16	23° 2	18°45	1°18	1°14	1°26	1°42	8°36	M22
T 23	22 5 12	0♍26'33	27° 3	19°38	29°43	9° 1	24°56	11°14	23° 0	18°44	1°19	1° 8	1°23	1°48	8°36	T 23
W24	22 9 9	1°24'02	8♏51	21°16	29°R44	9°40	25° 8	11°12	22°58	18°42	1°20	1° 5	1°20	1°55	8°35	W24
T 25	22 13 5	2°21'32	20°40	22°53	29°42	10°20	25°21	11°10	22°57	18°41	1°22	1° 4	1°17	2° 2	8°35	T 25
F 26	22 17 2	3°19'03	2♐33	24°27	29°37	10°59	25°33	11° 8	22°55	18°39	1°23	1° 4	1°14	2° 8	8°34	F 26
S 27	22 20 59	4°16'35	14°38	26° 0	29°31	11°39	25°45	11° 6	22°53	18°38	1°25	1° 4	1°11	2°15	8°33	S 27
S 28	22 24 55	5°14'07	26°58	27°32	29°22	12°18	25°58	11° 5	22°52	18°36	1°26	1° 2	1° 7	2°22	8°32	S 28
M29	22 28 52	6°11'40	9♑38	29° 2	29°10	12°57	26°11	11° 3	22°50	18°34	1°27	0°59	1° 4	2°28	8°31	M29
T 30	22 32 48	7° 9'13	22°44	0♎30	28°57	13°36	26°23	11° 2	22°49	18°33	1°28	0°53	1° 1	2°35	8°30	T 30
W31	22 36 45	8♍ 6'48	6♒16	1♎56	28♍40	14♌15	26♍36	11♑ 0	22♑47	18♓31	1♌30	0♐45	0♐58	2♏42	8♉29	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n47	20s54	2n23	19n45	1n23	2n12	1s15	21n55	0n49	4n37	1n 0	21s51	0n52	21s40	0s28	4s51	0s40	18n14	1s39	20s46	20s32	13s49	13n56	0s23
T 2	17 32	19 11	3 19	19 17	1 29	1 49	1 24	21 48	0 50	4 33	0 59	21 52	0 52	21 41	0 28	4 52	0 40	18 14	1 39	20 45	20 32	13 51	13 56	0 23
W 3	17 16	16 23	4 7	18 47	1 34	1 26	1 33	21 41	0 50	4 28	0 59	21 52	0 52	21 41	0 28	4 52	0 41	18 14	1 39	20 44	20 31	13 52	13 56	0 23
T 4	17 1	12 38	4 41	18 15	1 38	1 3	1 43	21 34	0 51	4 24	0 59	21 53	0 52	21 42	0 28	4 53	0 41	18 13	1 39	20 42	20 30	13 54	13 56	0 23
F 5	16 44	8 8	5 0	17 41	1 41	0 40	1 53	21 27	0 51	4 19	0 59	21 53	0 52	21 42	0 28	4 53	0 41	18 13	1 39	20 40	20 30	13 56	13 56	0 23
S 6	16 28	3 7	5 0	17 6	1 44	0 18	2 3	21 20	0 52	4 15	0 59	21 53	0 52	21 42	0 28	4 54	0 41	18 13	1 39	20 38	20 29	13 57	13 56	0 23
S 7	16 12	2n 6	4 41	16 28	1 45	0s 4	2 13	21 12	0 52	4 10	0 59	21 54	0 51	21 43	0 28	4 54	0 41	18 13	1 39	20 36	20 29	13 59	13 56	0 23
M 8	15 55	7 14	4 5	15 50	1 46	0 26	2 23	21 4	0 53	4 5	0 59	21 54	0 51	21 43	0 28	4 55	0 41	18 12	1 39	20 35	20 28	14 1	13 56	0 23
T 9	15 38	11 57	3 13	15 10	1 47	0 47	2 34	20 56	0 53	4 1	0 59	21 55	0 51	21 43	0 28	4 55	0 41	18 12	1 39	20 34	20 27	14 2	13 56	0 23
W10	15 20	15 57	2 10	14 29	1 46	1 8	2 45	20 48	0 53	3 56	0 59	21 55	0 51	21 44	0 28	4 56	0 41	18 12	1 39	20 34	20 27	14 4	13 56	0 23
T 11	15 3	18 59	0 59	13 47	1 45	1 28	2 56	20 40	0 54	3 51	0 59	21 55	0 51	21 44	0 28	4 57	0 41	18 12	1 39	20 34	20 26	14 6	13 56	0 23
F 12	14 45	20 50	0s15	13 5	1 43	1 48	3 7	20 32	0 54	3 47	0 59	21 56	0 51	21 44	0 28	4 57	0 41	18 11	1 39	20 34	20 25	14 7	13 56	0 24
S 13	14 27	21 25	1 27	12 21	1 41	2 7	3 18	20 23	0 55	3 42	0 59	21 56	0 51	21 45	0 28	4 58	0 41	18 11	1 39	20 33	20 25	14 9	13 55	0 24
S 14	14 9	20 42	2 33	11 37	1 38	2 26	3 30	20 15	0 55	3 37	0 59	21 57	0 51	21 45	0 28	4 58	0 41	18 11	1 39	20 33	20 24	14 10	13 55	0 24
M15	13 50	18 49	3 30	10 53	1 35	2 44	3 41	20 6	0 56	3 33	0 59	21 57	0 50	21 46	0 28	4 59	0 41	18 10	1 39	20 32	20 24	14 12	13 55	0 24
T 16	13 31	15 56	4 14	10 8	1 31	3 2	3 53	19 57	0 56	3 28	0 59	21 57	0 50	21 46	0 28	4 59	0 41	18 10	1 39	20 30	20 23	14 14	13 55	0 24
W17	13 12	12 18	4 44	9 23	1 26	3 19	4 5	19 48	0 56	3 23	0 59	21 58	0 50	21 46	0 28	5 0	0 41	18 10	1 39	20 28	20 22	14 15	13 55	0 24
T 18	12 53	8 9	4 59	8 38	1 21	3 36	4 17	19 39	0 57	3 18	0 59	21 58	0 50	21 46	0 28	5 1	0 41	18 10	1 39	20 26	20 22	14 17	13 55	0 24
F 19	12 34	3 44	4 58	7 53	1 16	3 51	4 29	19 29	0 57	3 13	0 59	21 58	0 50	21 47	0 28	5 1	0 41	18 9	1 38	20 23	20 21	14 19	13 54	0 24
S 20	12 14	0s46	4 44	7 7	1 10	4 6	4 42	19 20	0 58	3 9	0 59	21 59	0 50	21 47	0 28	5 2	0 41	18 9	1 38	20 20	20 20	14 20	13 54	0 24
S 21	11 55	5 9	4 16	6 22	1 4	4 20	4 54	19 10	0 58	3 4	0 59	21 59	0 50	21 47	0 28	5 2	0 41	18 9	1 38	20 18	20 20	14 22	13 54	0 24
M22	11 35	9 17	3 38	5 37	0 58	4 34	5 7	19 0	0 59	2 59	0 59	22 0	0 49	21 48	0 28	5 3	0 41	18 9	1 38	20 17	20 19	14 23	13 54	0 25
T 23	11 15	13 0	2 50	4 52	0 51	4 46	5 19	18 50	0 59	2 54	0 59	22 0	0 49	21 48	0 28	5 4	0 41	18 8	1 38	20 15	20 18	14 25	13 53	0 25
W24	10 55	16 10	1 55	4 7	0 44	4 58	5 31	18 40	0 59	2 49	0 59	22 0	0 49	21 48	0 28	5 4	0 41	18 8	1 38	20 15	20 18	14 26	13 53	0 25
T 25	10 34	18 41	0 55	3 22	0 36	5 9	5 44	18 30	1 0	2 44	0 59	22 0	0 49	21 49	0 28	5 5	0 41	18 8	1 38	20 15	20 17	14 28	13 53	0 25
F 26	10 14	20 25	0n 8	2 38	0 29	5 18	5 56	18 20	1 0	2 39	0 59	22 1	0 49	21 49	0 28	5 5	0 41	18 8	1 38	20 15	20 17	14 30	13 52	0 25
S 27	9 53	21 14	1 11	1 54	0 21	5 27	6 8	18 9	1 1	2 34	0 59	22 1	0 49	21 49	0 28	5 6	0 41	18 7	1 38	20 14	20 16	14 31	13 52	0 25
S 28	9 32	21 3	2 13	1 10	0 12	5 34	6 21	17 59	1 1	2 29	0 58	22 1	0 49	21 49	0 28	5 7	0 41	18 7	1 38	20 14	20 15	14 33	13 52	0 25
M29	9 11	19 48	3 9	0 27	0 4	5 41	6 32	17 48	1 2	2 24	0 58	22 2	0 48	21 50	0 28	5 7	0 41	18 7	1 38	20 14	20 15	14 34	13 51	0 25
T 30	8 50	17 29	3 58	0s16	0s 5	5 46	6 44	17 37	1 2	2 19	0 58	22 2	0 48	21 50	0 28	5 8	0 41	18 7	1 38	20 12	20 14	14 36	13 51	0 25
W31	8n28	14s 9	4n34	0s59	0s14	5s50	6s55	17n27	1n 2	2n14	0n58	22s 2	0n48	21s50	0s28	5s 9	0s41	18n 6	1s38	20s11	20s13	14s37	13n51	0s25

Julian Day Number = 2877629.5, Delta T = 01h14m25s
Ecliptic obliquity = 23°17'14, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°04'38, Lahiri = 40°11'38

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3166
geocentric

SEPTEMBER 3166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 40 41	9♍ 4'24	20♒14	3♎21	28°R22	14♌55	26♍48	10°R59	22°R46	18°R30	1♌31	0°R35	0♐55	2♏48	8°R28	T 1
F 2	22 44 38	10° 2'00	4♓35	4°44	28♍ 1	15°34	27° 1	10♉58	22♉44	18♓28	1°32	0♐24	0°51	2°55	8♉27	F 2
S 3	22 48 34	10°59'37	19°13	6° 6	27°38	16°13	27°14	10°56	22°43	18°26	1°33	0°13	0°48	3° 2	8°26	S 3
S 4	22 52 31	11°57'16	4♈ 0	7°25	27°13	16°52	27°26	10°55	22°42	18°25	1°35	0° 3	0°45	3° 8	8°25	S 4
M 5	22 56 28	12°54'56	18°49	8°43	26°46	17°31	27°39	10°54	22°40	18°23	1°36	29♏56	0°42	3°15	8°24	M 5
T 6	23 0 24	13°52'38	3♉31	9°59	26°17	18°10	27°52	10°53	22°39	18°21	1°37	29°51	0°39	3°22	8°22	T 6
W 7	23 4 21	14°50'21	18° 1	11°13	25°46	18°48	28° 5	10°53	22°38	18°20	1°38	29°49	0°36	3°28	8°21	W 7
T 8	23 8 17	15°48'05	2♊16	12°25	25°14	19°27	28°18	10°52	22°37	18°18	1°39	29°D49	0°32	3°35	8°20	T 8
F 9	23 12 14	16°45'52	16°14	13°34	24°40	20° 6	28°30	10°51	22°36	18°17	1°41	29°R49	0°29	3°42	8°18	F 9
S 10	23 16 10	17°43'40	29°56	14°42	24° 6	20°45	28°43	10°51	22°34	18°15	1°42	29°49	0°26	3°48	8°17	S 10
S 11	23 20 7	18°41'29	13♋22	15°48	23°30	21°23	28°56	10°51	22°33	18°13	1°43	29°46	0°23	3°55	8°15	S 11
M12	23 24 3	19°39'20	26°34	16°51	22°53	22° 2	29° 9	10°50	22°32	18°12	1°44	29°42	0°20	4° 1	8°14	M12
T 13	23 28 0	20°37'13	9♌33	17°51	22°17	22°41	29°22	10°50	22°32	18°10	1°45	29°34	0°17	4° 8	8°12	T 13
W14	23 31 57	21°35'07	22°20	18°49	21°39	23°19	29°35	10°50	22°31	18° 8	1°46	29°24	0°13	4°15	8°11	W14
T 15	23 35 53	22°33'03	4♍55	19°45	21° 2	23°58	29°48	10°D50	22°30	18° 7	1°47	29°13	0°10	4°21	8° 9	T 15
F 16	23 39 50	23°31'00	17°19	20°37	20°25	24°37	0♎ 1	10°50	22°29	18° 5	1°48	29° 1	0° 7	4°28	8° 7	F 16
S 17	23 43 46	24°28'59	29°33	21°26	19°48	25°15	0°14	10°50	22°28	18° 3	1°49	28°50	0° 4	4°35	8° 5	S 17
S 18	23 47 43	25°27'00	11♎37	22°12	19°12	25°53	0°27	10°50	22°28	18° 2	1°50	28°40	0° 1	4°41	8° 4	S 18
M19	23 51 39	26°25'01	23°33	22°55	18°37	26°32	0°39	10°51	22°27	18° 0	1°51	28°32	29♏57	4°48	8° 2	M19
T 20	23 55 36	27°23'05	5♏22	23°33	18° 3	27°10	0°52	10°51	22°26	17°59	1°52	28°27	29°54	4°55	8° 0	T 20
W21	23 59 32	28°21'09	17° 9	24° 8	17°31	27°48	1° 5	10°52	22°26	17°57	1°53	28°24	29°51	5° 1	7°58	W21
T 22	0 3 29	29°19'15	28°56	24°39	16°59	28°27	1°18	10°53	22°25	17°55	1°54	28°D23	29°48	5° 8	7°56	T 22
F 23	0 7 25	0♎17'23	10♐48	25° 5	16°30	29° 5	1°31	10°53	22°25	17°54	1°55	28°24	29°45	5°15	7°54	F 23
S 24	0 11 22	1°15'32	22°51	25°26	16° 2	29°43	1°44	10°54	22°24	17°52	1°56	28°25	29°42	5°21	7°52	S 24
S 25	0 15 19	2°13'42	5♑ 9	25°42	15°36	0♍21	1°57	10°55	22°24	17°51	1°57	28°R25	29°38	5°28	7°50	S 25
M26	0 19 15	3°11'54	17°47	25°53	15°12	0°59	2°10	10°56	22°24	17°49	1°58	28°24	29°35	5°35	7°48	M26
T 27	0 23 12	4°10'07	0♒50	25°R58	14°51	1°38	2°23	10°57	22°24	17°47	1°58	28°21	29°32	5°41	7°46	T 27
W28	0 27 8	5° 8'21	14°22	25°56	14°32	2°16	2°36	10°59	22°23	17°46	1°59	28°15	29°29	5°48	7°44	W28
T 29	0 31 5	6° 6'37	28°22	25°49	14°15	2°54	2°49	11° 0	22°23	17°44	2° 0	28° 9	29°26	5°55	7°41	T 29
F 30	0 35 1	7♎ 4'54	12♓50	25♎35	14♍ 0	3♍31	3♎ 2	11♑ 2	22♑23	17♓43	2♌ 1	28♏ 1	29♏23	6♏ 1	7♉39	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n 7	9s57	4n56	1s40	0s23	5s53	7s 7	17n16	1n 3	2n 9	0n58	22s 2	0n48	21s50	0s28	5s 9	0s41	18n 6	1s38	20s 9	20s13	14s39	13n50	0s25
F 2	7 46	5 6	5 0	2 21	0 32	5 54	7 17	17 4	1 3	2 4	0 58	22 3	0 48	21 51	0 28	5 10	0 41	18 6	1 38	20 6	20 12	14 41	13 50	0 26
S 3	7 24	0n 8	4 45	3 2	0 41	5 55	7 27	16 53	1 4	1 59	0 58	22 3	0 48	21 51	0 28	5 11	0 41	18 6	1 38	20 4	20 11	14 42	13 49	0 26
S 4	7 2	5 25	4 10	3 42	0 50	5 54	7 37	16 42	1 4	1 54	0 58	22 3	0 48	21 51	0 28	5 11	0 41	18 5	1 38	20 2	20 11	14 44	13 49	0 26
M 5	6 40	10 24	3 19	4 21	1 0	5 52	7 46	16 31	1 4	1 49	0 58	22 3	0 47	21 51	0 28	5 12	0 41	18 5	1 38	20 0	20 10	14 45	13 48	0 26
T 6	6 18	14 43	2 15	5 0	1 9	5 48	7 55	16 19	1 5	1 44	0 58	22 4	0 47	21 51	0 28	5 12	0 41	18 5	1 38	19 59	20 9	14 47	13 48	0 26
W 7	5 56	18 5	1 2	5 37	1 19	5 43	8 3	16 7	1 5	1 39	0 58	22 4	0 47	21 52	0 28	5 13	0 41	18 5	1 38	19 59	20 9	14 48	13 47	0 26
T 8	5 34	20 16	0s13	6 14	1 29	5 37	8 10	15 56	1 5	1 34	0 58	22 4	0 47	21 52	0 28	5 14	0 41	18 4	1 38	19 59	20 8	14 50	13 47	0 26
F 9	5 12	21 9	1 26	6 50	1 38	5 30	8 16	15 44	1 6	1 29	0 58	22 4	0 47	21 52	0 28	5 14	0 41	18 4	1 38	19 59	20 7	14 51	13 46	0 26
S 10	4 49	20 45	2 33	7 25	1 48	5 22	8 22	15 32	1 6	1 24	0 58	22 4	0 47	21 52	0 28	5 15	0 41	18 4	1 38	19 59	20 7	14 53	13 46	0 26
S 11	4 27	19 9	3 30	7 59	1 58	5 12	8 27	15 20	1 7	1 19	0 58	22 5	0 46	21 52	0 28	5 16	0 41	18 4	1 38	19 58	20 6	14 54	13 45	0 26
M12	4 4	16 33	4 14	8 32	2 7	5 1	8 31	15 8	1 7	1 14	0 58	22 5	0 46	21 52	0 28	5 16	0 41	18 4	1 38	19 57	20 5	14 56	13 45	0 26
T 13	3 42	13 10	4 45	9 4	2 17	4 50	8 34	14 56	1 7	1 9	0 58	22 5	0 46	21 52	0 28	5 17	0 41	18 3	1 38	19 56	20 5	14 57	13 44	0 27
W14	3 19	9 14	5 0	9 35	2 26	4 37	8 36	14 43	1 8	1 4	0 58	22 5	0 46	21 53	0 28	5 18	0 41	18 3	1 38	19 54	20 4	14 59	13 43	0 27
T 15	2 56	4 58	5 1	10 5	2 36	4 24	8 37	14 31	1 8	0 59	0 58	22 5	0 46	21 53	0 28	5 18	0 41	18 3	1 38	19 51	20 3	15 0	13 43	0 27
F 16	2 34	0 33	4 48	10 33	2 45	4 10	8 37	14 19	1 8	0 53	0 58	22 5	0 46	21 53	0 28	5 19	0 41	18 3	1 38	19 49	20 3	15 2	13 42	0 27
S 17	2 11	3s49	4 21	11 0	2 54	3 55	8 37	14 6	1 9	0 48	0 58	22 6	0 46	21 53	0 28	5 20	0 41	18 3	1 38	19 46	20 2	15 3	13 41	0 27
S 18	1 48	7 59	3 43	11 25	3 3	3 40	8 35	13 54	1 9	0 43	0 59	22 6	0 45	21 53	0 28	5 20	0 41	18 2	1 37	19 44	20 1	15 5	13 41	0 27
M19	1 25	11 48	2 55	11 49	3 11	3 24	8 33	13 41	1 10	0 38	0 59	22 6	0 45	21 53	0 28	5 21	0 41	18 2	1 37	19 42	20 1	15 6	13 40	0 27
T 20	1 2	15 7	2 0	12 11	3 20	3 8	8 29	13 28	1 10	0 33	0 59	22 6	0 45	21 53	0 28	5 21	0 41	18 2	1 37	19 41	20 0	15 8	13 39	0 27
W21	0 39	17 48	1 0	12 31	3 28	2 52	8 25	13 15	1 10	0 28	0 59	22 6	0 45	21 53	0 28	5 22	0 41	18 2	1 37	19 41	19 59	15 9	13 39	0 27
T 22	0 16	19 45	0n 3	12 49	3 35	2 35	8 20	13 3	1 11	0 23	0 59	22 6	0 45	21 53	0 28	5 23	0 41	18 2	1 37	19 40	19 59	15 11	13 38	0 27
F 23	0s 7	20 50	1 6	13 5	3 42	2 18	8 14	12 50	1 11	0 18	0 59	22 6	0 45	21 53	0 28	5 23	0 41	18 2	1 37	19 41	19 58	15 12	13 37	0 28
S 24	0 30	20 58	2 8	13 19	3 48	2 2	8 8	12 37	1 11	0 13	0 59	22 6	0 44	21 53	0 28	5 24	0 41	18 1	1 37	19 41	19 57	15 14	13 37	0 28
S 25	0 53	20 7	3 4	13 30	3 54	1 45	8 1	12 24	1 12	0 8	0 59	22 6	0 44	21 53	0 28	5 25	0 41	18 1	1 37	19 41	19 57	15 15	13 36	0 28
M26	1 16	18 15	3 54	13 39	3 59	1 29	7 53	12 11	1 12	0 2	0 59	22 6	0 44	21 54	0 28	5 25	0 41	18 1	1 37	19 41	19 56	15 17	13 35	0 28
T 27	1 39	15 24	4 33	13 45	4 3	1 13	7 45	11 57	1 12	0s 3	0 59	22 6	0 44	21 54	0 28	5 26	0 41	18 1	1 37	19 40	19 55	15 18	13 34	0 28
W28	2 2	11 39	4 58	13 47	4 7	0 58	7 36	11 44	1 13	0 8	0 59	22 6	0 44	21 54	0 27	5 26	0 41	18 1	1 37	19 39	19 55	15 20	13 33	0 28
T 29	2 25	7 9	5 7	13 47	4 9	0 43	7 26	11 31	1 13	0 13	0 59	22 6	0 44	21 54	0 27	5 27	0 41	18 1	1 37	19 37	19 54	15 21	13 33	0 28
F 30	2s48	2s 7	4n57	13s43	4s10	0s28	7s17	11n17	1n13	0s18	0n59	22s 7	0n44	21s54	0s27	5s28	0s41	18n 0	1s37	19s36	19s53	15s22	13n32	0s28

Julian Day Number = 2877660.5, Delta T = 01h14m25s
Ecliptic obliquity = 23°17'14, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°04'42, Lahiri = 40°11'43

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ASTRODIENST EPHEMERIS for the year 3166
geocentric

OCTOBER 3166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 38 58	8♎ 3'13	27♓39	25°R15	13°R48	4♍ 9	3♎15	11♑ 3	22°D23	17°R41	2♌ 2	27°R53	29♏19	6♏ 8	7°R37	S 1
S 2	0 42 54	9° 1'34	12♈43	24♎47	13♍38	4°47	3°28	11° 5	22♑23	17♓40	2° 2	27♏46	29°16	6°15	7♉35	S 2
M 3	0 46 51	9°59'56	27°51	24°14	13°30	5°25	3°41	11° 6	22°23	17°38	2° 3	27°41	29°13	6°21	7°32	M 3
T 4	0 50 48	10°58'21	12♉54	23°33	13°25	6° 3	3°54	11° 8	22°23	17°37	2° 4	27°38	29°10	6°28	7°30	T 4
W 5	0 54 44	11°56'47	27°43	22°47	13°23	6°41	4° 7	11°10	22°23	17°35	2° 4	27°D38	29° 7	6°35	7°27	W 5
T 6	0 58 41	12°55'16	12♊14	21°55	13°D23	7°18	4°20	11°12	22°24	17°34	2° 5	27°38	29° 3	6°41	7°25	T 6
F 7	1 2 37	13°53'46	26°22	20°58	13°25	7°56	4°33	11°14	22°24	17°32	2° 6	27°39	29° 0	6°48	7°23	F 7
S 8	1 6 34	14°52'19	10♋ 8	19°57	13°30	8°34	4°46	11°17	22°24	17°31	2° 6	27°R40	28°57	6°55	7°20	S 8
S 9	1 10 30	15°50'54	23°32	18°54	13°36	9°11	4°59	11°19	22°25	17°30	2° 7	27°40	28°54	7° 1	7°18	S 9
M10	1 14 27	16°49'31	6♌36	17°49	13°46	9°49	5°11	11°21	22°25	17°28	2° 7	27°38	28°51	7° 8	7°15	M10
T 11	1 18 23	17°48'10	19°23	16°45	13°57	10°26	5°24	11°24	22°25	17°27	2° 8	27°35	28°48	7°15	7°13	T 11
W12	1 22 20	18°46'51	1♍56	15°42	14°10	11° 4	5°37	11°26	22°26	17°26	2° 8	27°29	28°44	7°21	7°10	W12
T 13	1 26 17	19°45'35	14°17	14°43	14°26	11°41	5°50	11°29	22°27	17°24	2° 9	27°23	28°41	7°28	7° 8	T 13
F 14	1 30 13	20°44'20	26°27	13°49	14°43	12°19	6° 3	11°32	22°27	17°23	2° 9	27°16	28°38	7°34	7° 5	F 14
S 15	1 34 10	21°43'07	8♎29	13° 2	15° 2	12°56	6°15	11°35	22°28	17°22	2°10	27°10	28°35	7°41	7° 2	S 15
S 16	1 38 6	22°41'57	20°24	12°23	15°23	13°33	6°28	11°37	22°29	17°20	2°10	27° 4	28°32	7°48	7° 0	S 16
M17	1 42 3	23°40'48	2♏14	11°52	15°46	14°11	6°41	11°41	22°29	17°19	2°11	27° 0	28°28	7°54	6°57	M17
T 18	1 45 59	24°39'41	14° 2	11°30	16°11	14°48	6°53	11°44	22°30	17°18	2°11	26°57	28°25	8° 1	6°55	T 18
W19	1 49 56	25°38'36	25°48	11°19	16°37	15°25	7° 6	11°47	22°31	17°17	2°11	26°D56	28°22	8° 8	6°52	W19
T 20	1 53 52	26°37'33	7♐37	11°D18	17° 5	16° 2	7°19	11°50	22°32	17°15	2°12	26°57	28°19	8°14	6°49	T 20
F 21	1 57 49	27°36'32	19°32	11°28	17°35	16°39	7°31	11°53	22°33	17°14	2°12	26°58	28°16	8°21	6°47	F 21
S 22	2 1 45	28°35'33	1♑36	11°48	18° 6	17°16	7°44	11°57	22°34	17°13	2°12	27° 0	28°13	8°28	6°44	S 22
S 23	2 5 42	29°34'35	13°53	12°17	18°39	17°53	7°56	12° 0	22°35	17°12	2°12	27° 2	28° 9	8°34	6°41	S 23
M24	2 9 39	0♏33'39	26°29	12°56	19°13	18°30	8° 9	12° 4	22°36	17°11	2°13	27°R 3	28° 6	8°41	6°38	M24
T 25	2 13 35	1°32'45	9♒27	13°43	19°48	19° 7	8°21	12° 8	22°37	17°10	2°13	27° 2	28° 3	8°48	6°36	T 25
W26	2 17 32	2°31'52	22°51	14°39	20°25	19°44	8°34	12°12	22°39	17° 9	2°13	27° 1	28° 0	8°54	6°33	W26
T 27	2 21 28	3°31'01	6♓44	15°41	21° 2	20°21	8°46	12°15	22°40	17° 8	2°13	26°59	27°57	9° 1	6°30	T 27
F 28	2 25 25	4°30'12	21° 4	16°51	21°42	20°57	8°58	12°19	22°41	17° 7	2°13	26°56	27°54	9° 8	6°28	F 28
S 29	2 29 21	5°29'24	5♈48	18° 6	22°22	21°34	9°11	12°23	22°43	17° 6	2°13	26°53	27°50	9°14	6°25	S 29
S 30	2 33 18	6°28'38	20°52	19°26	23° 3	22°11	9°23	12°27	22°44	17° 5	2°14	26°50	27°47	9°21	6°22	S 30
M31	2 37 14	7♏27'54	6♉ 5	20♎50	23♍46	22♍48	9♎35	12♑32	22♑45	17♓ 4	2♌14	26♏48	27♏44	9♏28	6♉19	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	3s10	3n10	4n27	13s35	4s10	0s14	7s 7	11n 4	1n14	0s23	0n59	22s 7	0n43	21s54	0s27	5s28	0s41	18n 0	1s37	19s34	19s53	15s24	13n31	0s28	S 1
S 2	3 33	8 21	3 38	13 23	4 8	0 1	6 56	10 51	1 14	0 28	0 59	22 7	0 43	21 54	0 27	5 29	0 41	18 0	1 37	19 32	19 52	15 25	13 30	0 28	S 2
M 3	3 56	13 2	2 34	13 8	4 5	0n12	6 46	10 37	1 14	0 33	0 59	22 7	0 43	21 54	0 27	5 29	0 41	18 0	1 37	19 31	19 51	15 27	13 29	0 28	M 3
T 4	4 19	16 52	1 19	12 48	4 0	0 23	6 35	10 24	1 15	0 38	0 59	22 7	0 43	21 53	0 27	5 30	0 41	18 0	1 37	19 31	19 51	15 28	13 29	0 29	T 4
W 5	4 42	19 31	0s 1	12 25	3 53	0 35	6 24	10 10	1 15	0 43	0 59	22 7	0 43	21 53	0 27	5 31	0 41	18 0	1 37	19 30	19 50	15 30	13 28	0 29	W 5
T 6	5 4	20 49	1 18	11 57	3 44	0 45	6 12	9 56	1 15	0 48	0 59	22 7	0 43	21 53	0 27	5 31	0 41	18 0	1 37	19 30	19 49	15 31	13 27	0 29	T 6
F 7	5 27	20 45	2 29	11 26	3 34	0 55	6 1	9 43	1 16	0 53	0 59	22 6	0 43	21 53	0 27	5 32	0 41	17 59	1 37	19 31	19 49	15 32	13 26	0 29	F 7
S 8	5 49	19 25	3 30	10 52	3 21	1 4	5 49	9 29	1 16	0 58	0 59	22 6	0 42	21 53	0 27	5 32	0 41	17 59	1 37	19 31	19 48	15 34	13 25	0 29	S 8
S 9	6 12	17 1	4 17	10 15	3 7	1 12	5 38	9 15	1 16	1 3	0 59	22 6	0 42	21 53	0 27	5 33	0 41	17 59	1 37	19 31	19 47	15 35	13 24	0 29	S 9
M10	6 34	13 49	4 50	9 35	2 51	1 19	5 26	9 1	1 17	1 8	0 59	22 6	0 42	21 53	0 27	5 33	0 41	17 59	1 37	19 30	19 46	15 37	13 23	0 29	M10
T 11	6 57	10 2	5 7	8 55	2 34	1 26	5 15	8 48	1 17	1 13	0 59	22 6	0 42	21 53	0 27	5 34	0 41	17 59	1 37	19 30	19 46	15 38	13 22	0 29	T 11
W12	7 19	5 54	5 10	8 14	2 16	1 31	5 3	8 34	1 17	1 18	1 0	22 6	0 42	21 53	0 27	5 34	0 41	17 59	1 37	19 28	19 45	15 39	13 22	0 29	W12
T 13	7 41	1 34	4 57	7 33	1 56	1 36	4 52	8 20	1 18	1 23	1 0	22 6	0 42	21 53	0 27	5 35	0 41	17 59	1 37	19 27	19 44	15 41	13 21	0 29	T 13
F 14	8 3	2s45	4 32	6 54	1 36	1 40	4 40	8 6	1 18	1 28	1 0	22 6	0 42	21 53	0 27	5 35	0 41	17 59	1 37	19 25	19 44	15 42	13 20	0 29	F 14
S 15	8 25	6 56	3 54	6 17	1 16	1 43	4 29	7 52	1 18	1 33	1 0	22 6	0 41	21 53	0 27	5 36	0 41	17 59	1 37	19 24	19 43	15 44	13 19	0 29	S 15
S 16	8 47	10 48	3 7	5 43	0 55	1 46	4 17	7 38	1 18	1 38	1 0	22 6	0 41	21 52	0 27	5 36	0 41	17 59	1 37	19 23	19 42	15 45	13 18	0 30	S 16
M17	9 8	14 14	2 11	5 12	0 35	1 47	4 6	7 24	1 19	1 43	1 0	22 6	0 41	21 52	0 27	5 37	0 41	17 59	1 37	19 22	19 42	15 46	13 17	0 30	M17
T 18	9 30	17 4	1 10	4 46	0 16	1 48	3 55	7 10	1 19	1 48	1 0	22 6	0 41	21 52	0 27	5 37	0 41	17 59	1 37	19 21	19 41	15 48	13 16	0 30	T 18
W19	9 51	19 11	0 6	4 25	0n 2	1 48	3 44	6 56	1 19	1 53	1 0	22 5	0 41	21 52	0 27	5 38	0 41	17 58	1 37	19 21	19 40	15 49	13 15	0 30	W19
T 20	10 12	20 29	0n58	4 9	0 20	1 47	3 33	6 42	1 20	1 58	1 0	22 5	0 41	21 52	0 27	5 38	0 41	17 58	1 37	19 21	19 40	15 50	13 14	0 30	T 20
F 21	10 33	20 52	2 1	3 57	0 36	1 46	3 22	6 28	1 20	2 3	1 0	22 5	0 41	21 52	0 27	5 39	0 41	17 58	1 37	19 21	19 39	15 52	13 13	0 30	F 21
S 22	10 54	20 17	2 59	3 52	0 50	1 44	3 12	6 14	1 20	2 8	1 0	22 5	0 40	21 51	0 27	5 39	0 41	17 58	1 37	19 22	19 38	15 53	13 12	0 30	S 22
S 23	11 15	18 45	3 50	3 51	1 4	1 41	3 1	6 0	1 21	2 12	1 0	22 5	0 40	21 51	0 27	5 39	0 41	17 58	1 37	19 22	19 37	15 54	13 11	0 30	S 23
M24	11 36	16 16	4 32	3 55	1 16	1 37	2 51	5 46	1 21	2 17	1 0	22 5	0 40	21 51	0 27	5 40	0 41	17 58	1 37	19 22	19 37	15 56	13 10	0 30	M24
T 25	11 56	12 56	5 1	4 4	1 26	1 33	2 41	5 32	1 21	2 22	1 1	22 4	0 40	21 51	0 27	5 40	0 41	17 58	1 37	19 22	19 36	15 57	13 9	0 30	T 25
W26	12 16	8 51	5 14	4 17	1 35	1 28	2 31	5 17	1 21	2 27	1 1	22 4	0 40	21 51	0 27	5 41	0 41	17 58	1 37	19 22	19 35	15 59	13 8	0 30	W26
T 27	12 37	4 10	5 11	4 34	1 42	1 22	2 21	5 3	1 22	2 31	1 1	22 4	0 40	21 50	0 27	5 41	0 41	17 58	1 37	19 22	19 35	16 0	13 7	0 30	T 27
F 28	12 56	0n54	4 48	4 55	1 48	1 16	2 11	4 49	1 22	2 36	1 1	22 4	0 40	21 50	0 27	5 41	0 41	17 58	1 37	19 21	19 34	16 1	13 6	0 30	F 28
S 29	13 16	6 3	4 6	5 19	1 53	1 9	2 2	4 35	1 22	2 41	1 1	22 3	0 40	21 50	0 27	5 42	0 41	17 58	1 37	19 20	19 33	16 3	13 5	0 31	S 29
S 30	13 36	10 58	3 6	5 45	1 56	1 1	1 52	4 21	1 23	2 46	1 1	22 3	0 39	21 50	0 27	5 42	0 41	17 58	1 37	19 20	19 32	16 4	13 5	0 31	S 30
M31	13s55	15n14	1n52	6s15	1n59	0n53	1s43	4n 7	1n23	2s50	1n 1	22s 3	0n39	21s49	0s27	5s43	0s41	17n58	1s37	19s19	19s32	16s 5	13n 4	0s31	M31

Julian Day Number = 2877690.5, Delta T = 01h14m26s
Ecliptic obliquity = 23°17'14, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°04'46, Lahiri = 40°11'47

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ASTRODIENST EPHEMERIS for the year 3166
geocentric

NOVEMBER 3166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 41 11	8♏27'12	21♉19	22♎18	24♍29	23♍24	9♎47	12♑36	22♑47	17°R 3	2♌14	26°D48	27♏41	9♏34	6°R17	T 1
W 2	2 45 8	9°26'33	6♊23	23°49	25°14	24° 1	9°59	12°40	22°49	17♓ 2	2°R14	26♏48	27°38	9°41	6♉14	W 2
T 3	2 49 4	10°25'55	21°10	25°23	25°59	24°37	10°11	12°45	22°50	17° 1	2°14	26°49	27°34	9°48	6°11	T 3
F 4	2 53 1	11°25'20	5♋33	26°58	26°46	25°14	10°23	12°49	22°52	17° 1	2°14	26°50	27°31	9°54	6° 8	F 4
S 5	2 56 57	12°24'47	19°30	28°36	27°33	25°50	10°35	12°54	22°54	17° 0	2°14	26°51	27°28	10° 1	6° 6	S 5
S 6	3 0 54	13°24'16	3♌ 1	0♏15	28°22	26°26	10°47	12°58	22°55	16°59	2°13	26°52	27°25	10° 7	6° 3	S 6
M 7	3 4 50	14°23'47	16° 8	1°54	29°11	27° 3	10°59	13° 3	22°57	16°58	2°13	26°R52	27°22	10°14	6° 0	M 7
T 8	3 8 47	15°23'21	28°52	3°35	0♎ 1	27°39	11°11	13° 8	22°59	16°58	2°13	26°52	27°19	10°21	5°58	T 8
W 9	3 12 43	16°22'56	11♍19	5°16	0°51	28°15	11°23	13°13	23° 1	16°57	2°13	26°51	27°15	10°27	5°55	W 9
T 10	3 16 40	17°22'34	23°31	6°57	1°43	28°51	11°34	13°17	23° 3	16°56	2°13	26°49	27°12	10°34	5°52	T 10
F 11	3 20 37	18°22'14	5♎32	8°39	2°35	29°28	11°46	13°22	23° 5	16°56	2°13	26°48	27° 9	10°41	5°50	F 11
S 12	3 24 33	19°21'56	17°26	10°21	3°28	0♎ 4	11°57	13°27	23° 7	16°55	2°12	26°47	27° 6	10°47	5°47	S 12
S 13	3 28 30	20°21'40	29°15	12° 2	4°22	0°40	12° 9	13°33	23° 9	16°55	2°12	26°46	27° 3	10°54	5°44	S 13
M14	3 32 26	21°21'27	11♏ 3	13°43	5°16	1°16	12°20	13°38	23°11	16°54	2°12	26°46	27° 0	11° 1	5°42	M14
T 15	3 36 23	22°21'15	22°51	15°24	6°11	1°51	12°32	13°43	23°13	16°54	2°12	26°D45	26°56	11° 7	5°39	T 15
W16	3 40 19	23°21'05	4♐41	17° 5	7° 6	2°27	12°43	13°48	23°15	16°53	2°11	26°45	26°53	11°14	5°37	W16
T 17	3 44 16	24°20'57	16°37	18°46	8° 2	3° 3	12°54	13°54	23°18	16°53	2°11	26°46	26°50	11°21	5°34	T 17
F 18	3 48 12	25°20'51	28°39	20°26	8°59	3°39	13° 5	13°59	23°20	16°53	2°11	26°46	26°47	11°27	5°31	F 18
S 19	3 52 9	26°20'47	10♑51	22° 5	9°56	4°15	13°16	14° 5	23°22	16°52	2°10	26°R46	26°44	11°34	5°29	S 19
S 20	3 56 6	27°20'44	23°15	23°45	10°54	4°50	13°27	14°10	23°24	16°52	2°10	26°46	26°40	11°41	5°26	S 20
M21	4 0 2	28°20'43	5♒54	25°24	11°52	5°26	13°38	14°16	23°27	16°52	2° 9	26°46	26°37	11°47	5°24	M21
T 22	4 3 59	29°20'43	18°51	27° 2	12°51	6° 1	13°49	14°21	23°29	16°52	2° 9	26°46	26°34	11°54	5°22	T 22
W23	4 7 55	0♐20'45	2♓ 9	28°40	13°50	6°37	14° 0	14°27	23°32	16°51	2° 8	26°D46	26°31	12° 1	5°19	W23
T 24	4 11 52	1°20'48	15°50	0♐18	14°50	7°12	14°11	14°33	23°34	16°51	2° 8	26°46	26°28	12° 7	5°17	T 24
F 25	4 15 48	2°20'53	29°55	1°55	15°50	7°48	14°21	14°39	23°37	16°51	2° 7	26°46	26°25	12°14	5°14	F 25
S 26	4 19 45	3°20'59	14♈23	3°32	16°50	8°23	14°32	14°44	23°39	16°51	2° 7	26°47	26°21	12°20	5°12	S 26
S 27	4 23 41	4°21'07	29°10	5° 8	17°51	8°58	14°42	14°50	23°42	16°51	2° 6	26°47	26°18	12°27	5°10	S 27
M28	4 27 38	5°21'16	14♉11	6°44	18°53	9°33	14°52	14°56	23°45	16°D51	2° 6	26°48	26°15	12°34	5° 7	M28
T 29	4 31 35	6°21'27	29°18	8°20	19°54	10° 8	15° 3	15° 2	23°47	16°51	2° 5	26°R48	26°12	12°40	5° 5	T 29
W30	4 35 31	7♐21'40	14♊23	9♐55	20♎56	10♎43	15♎13	15♑ 8	23♑50	16♓51	2♌ 5	26♏48	26♏ 9	12♏47	5♉ 3	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s14	18n28	0n30	6s46	2n 0	0n44	1s34	3n53	1n23	2s55	1n 1	22s 3	0n39	21s49	0s27	5s43	0s41	17n58	1s37	19s19	19s31	16s 6	13n 3	0s31
W 2	14 33	20 22	0s53	7 19	2 1	0 35	1 25	3 38	1 23	3 0	1 1	22 2	0 39	21 49	0 27	5 43	0 41	17 58	1 37	19 19	19 30	16 8	13 2	0 31
T 3	14 51	20 49	2 11	7 53	2 0	0 25	1 17	3 24	1 24	3 4	1 1	22 2	0 39	21 49	0 27	5 43	0 41	17 58	1 36	19 19	19 30	16 9	13 1	0 31
F 4	15 10	19 52	3 19	8 29	1 59	0 14	1 8	3 10	1 24	3 9	1 1	22 2	0 39	21 48	0 27	5 44	0 41	17 58	1 36	19 19	19 29	16 10	13 0	0 31
S 5	15 28	17 43	4 12	9 5	1 57	0 3	1 0	2 56	1 24	3 13	1 2	22 2	0 39	21 48	0 27	5 44	0 41	17 58	1 36	19 20	19 28	16 12	12 59	0 31
S 6	15 46	14 39	4 50	9 42	1 54	0s 9	0 52	2 42	1 24	3 18	1 2	22 1	0 39	21 48	0 27	5 44	0 41	17 58	1 36	19 20	19 27	16 13	12 58	0 31
M 7	16 3	10 56	5 12	10 20	1 51	0 21	0 44	2 28	1 25	3 22	1 2	22 1	0 38	21 47	0 27	5 45	0 41	17 58	1 36	19 20	19 27	16 14	12 57	0 31
T 8	16 21	6 50	5 17	10 57	1 47	0 33	0 36	2 14	1 25	3 27	1 2	22 1	0 38	21 47	0 27	5 45	0 41	17 58	1 36	19 20	19 26	16 16	12 56	0 31
W 9	16 38	2 32	5 7	11 35	1 43	0 46	0 28	2 0	1 25	3 31	1 2	22 0	0 38	21 47	0 27	5 45	0 41	17 58	1 36	19 20	19 25	16 17	12 55	0 31
T 10	16 55	1s47	4 44	12 12	1 38	1 0	0 21	1 46	1 26	3 36	1 2	22 0	0 38	21 46	0 27	5 45	0 41	17 59	1 36	19 19	19 25	16 18	12 54	0 31
F 11	17 11	5 59	4 8	12 50	1 33	1 14	0 14	1 32	1 26	3 40	1 2	21 59	0 38	21 46	0 27	5 46	0 41	17 59	1 36	19 19	19 24	16 19	12 53	0 32
S 12	17 28	9 54	3 22	13 27	1 27	1 28	0 6	1 18	1 26	3 44	1 2	21 59	0 38	21 46	0 27	5 46	0 41	17 59	1 36	19 19	19 23	16 21	12 52	0 32
S 13	17 43	13 26	2 27	14 3	1 22	1 43	0n 1	1 4	1 26	3 49	1 3	21 59	0 38	21 45	0 27	5 46	0 41	17 59	1 36	19 19	19 22	16 22	12 51	0 32
M14	17 59	16 25	1 26	14 39	1 16	1 58	0 7	0 50	1 27	3 53	1 3	21 58	0 38	21 45	0 27	5 46	0 41	17 59	1 36	19 18	19 22	16 23	12 50	0 32
T 15	18 15	18 43	0 22	15 14	1 10	2 14	0 14	0 36	1 27	3 57	1 3	21 58	0 37	21 45	0 27	5 46	0 41	17 59	1 36	19 18	19 21	16 24	12 49	0 32
W16	18 30	20 13	0n44	15 49	1 3	2 29	0 20	0 22	1 27	4 2	1 3	21 57	0 37	21 44	0 27	5 46	0 41	17 59	1 36	19 18	19 20	16 26	12 48	0 32
T 17	18 44	20 49	1 48	16 23	0 57	2 46	0 27	0 8	1 27	4 6	1 3	21 57	0 37	21 44	0 27	5 47	0 41	17 59	1 36	19 18	19 20	16 27	12 48	0 32
F 18	18 59	20 28	2 48	16 56	0 50	3 2	0 33	0s 6	1 28	4 10	1 3	21 57	0 37	21 43	0 27	5 47	0 41	17 59	1 36	19 19	19 19	16 28	12 47	0 32
S 19	19 13	19 10	3 42	17 28	0 44	3 19	0 39	0 20	1 28	4 14	1 3	21 56	0 37	21 43	0 27	5 47	0 41	17 59	1 36	19 19	19 18	16 29	12 46	0 32
S 20	19 26	16 56	4 25	17 59	0 37	3 36	0 44	0 34	1 28	4 18	1 4	21 56	0 37	21 43	0 27	5 47	0 41	17 59	1 36	19 19	19 17	16 31	12 45	0 32
M21	19 40	13 52	4 57	18 30	0 30	3 54	0 50	0 47	1 28	4 22	1 4	21 55	0 37	21 42	0 27	5 47	0 41	18 0	1 36	19 19	19 17	16 32	12 44	0 32
T 22	19 53	10 5	5 15	18 59	0 23	4 11	0 55	1 1	1 29	4 26	1 4	21 55	0 37	21 42	0 27	5 47	0 41	18 0	1 36	19 19	19 16	16 33	12 43	0 32
W23	20 6	5 42	5 17	19 28	0 17	4 29	1 1	1 15	1 29	4 30	1 4	21 54	0 37	21 41	0 27	5 47	0 41	18 0	1 36	19 18	19 15	16 34	12 42	0 32
T 24	20 18	0 55	5 1	19 55	0 10	4 48	1 6	1 29	1 29	4 34	1 4	21 54	0 36	21 41	0 27	5 47	0 41	18 0	1 36	19 19	19 14	16 36	12 41	0 32
F 25	20 30	4n 3	4 26	20 22	0 3	5 6	1 11	1 42	1 29	4 38	1 4	21 53	0 36	21 41	0 27	5 47	0 41	18 0	1 36	19 19	19 14	16 37	12 41	0 32
S 26	20 41	8 56	3 35	20 47	0s 4	5 25	1 16	1 56	1 30	4 42	1 4	21 53	0 36	21 40	0 27	5 47	0 41	18 0	1 36	19 19	19 13	16 38	12 40	0 32
S 27	20 53	13 25	2 28	21 12	0 11	5 44	1 20	2 9	1 30	4 46	1 5	21 52	0 36	21 40	0 27	5 47	0 41	18 0	1 36	19 19	19 12	16 39	12 39	0 33
M28	21 4	17 6	1 10	21 35	0 18	6 3	1 25	2 23	1 30	4 50	1 5	21 52	0 36	21 39	0 27	5 47	0 41	18 1	1 36	19 19	19 11	16 40	12 38	0 33
T 29	21 14	19 39	0s14	21 57	0 24	6 22	1 29	2 36	1 30	4 53	1 5	21 51	0 36	21 39	0 27	5 47	0 41	18 1	1 36	19 19	19 11	16 42	12 37	0 33
W30	21s24	20n47	1s36	22s18	0s31	6s41	1n33	2s50	1n30	4s57	1n 5	21s50	0n36	21s38	0s27	5s47	0s41	18n 1	1s36	19s19	19s10	16s43	12n36	0s33

Julian Day Number = 2877721.5, Delta T = 01h14m27s
Ecliptic obliquity = 23°17'13, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°04'51, Lahiri = 40°11'51

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ASTRODIENST EPHEMERIS for the year 3166
geocentric

DECEMBER 3166 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 39 28	8♐21'54	29♊15	11♐30	21♎59	11♎18	15♎23	15♑15	23♑53	16♓51	2°R 4	26°R47	26♏ 6	12♏54	5°R 1	T 1
F 2	4 43 24	9°22'11	13♋48	13° 5	23° 2	11°53	15°33	15°21	23°56	16°51	2♌ 3	26♏45	26° 2	13° 0	4♉59	F 2
S 3	4 47 21	10°22'29	27°56	14°39	24° 5	12°28	15°43	15°27	23°59	16°51	2° 3	26°43	25°59	13° 7	4°57	S 3
S 4	4 51 17	11°22'48	11♌37	16°13	25° 9	13° 3	15°52	15°33	24° 1	16°51	2° 2	26°42	25°56	13°14	4°54	S 4
M 5	4 55 14	12°23'10	24°51	17°47	26°13	13°38	16° 2	15°39	24° 4	16°52	2° 1	26°40	25°53	13°20	4°52	M 5
T 6	4 59 10	13°23'33	7♍40	19°21	27°17	14°12	16°12	15°46	24° 7	16°52	2° 0	26°39	25°50	13°27	4°50	T 6
W 7	5 3 7	14°23'59	20° 7	20°54	28°21	14°47	16°21	15°52	24°10	16°52	2° 0	26°D39	25°46	13°34	4°48	W 7
T 8	5 7 4	15°24'26	2♎18	22°28	29°26	15°22	16°31	15°59	24°13	16°52	1°59	26°40	25°43	13°40	4°47	T 8
F 9	5 11 0	16°24'55	14°16	24° 1	0♏31	15°56	16°40	16° 5	24°16	16°53	1°58	26°42	25°40	13°47	4°45	F 9
S 10	5 14 57	17°25'25	26° 6	25°33	1°37	16°30	16°49	16°11	24°19	16°53	1°57	26°43	25°37	13°54	4°43	S 10
S 11	5 18 53	18°25'57	7♏53	27° 6	2°43	17° 5	16°58	16°18	24°22	16°54	1°56	26°45	25°34	14° 0	4°41	S 11
M12	5 22 50	19°26'31	19°40	28°38	3°49	17°39	17° 7	16°25	24°25	16°54	1°55	26°46	25°31	14° 7	4°39	M12
T 13	5 26 46	20°27'07	1♐31	0♑11	4°55	18°13	17°16	16°31	24°28	16°55	1°55	26°R46	25°27	14°14	4°38	T 13
W14	5 30 43	21°27'44	13°29	1°43	6° 1	18°47	17°24	16°38	24°32	16°55	1°54	26°45	25°24	14°20	4°36	W14
T 15	5 34 39	22°28'22	25°35	3°15	7° 8	19°21	17°33	16°44	24°35	16°56	1°53	26°43	25°21	14°27	4°34	T 15
F 16	5 38 36	23°29'02	7♑51	4°47	8°15	19°55	17°41	16°51	24°38	16°56	1°52	26°39	25°18	14°33	4°33	F 16
S 17	5 42 33	24°29'43	20°19	6°18	9°22	20°29	17°50	16°58	24°41	16°57	1°51	26°34	25°15	14°40	4°31	S 17
S 18	5 46 29	25°30'25	2♒58	7°49	10°29	21° 3	17°58	17° 5	24°45	16°57	1°50	26°29	25°12	14°47	4°30	S 18
M19	5 50 26	26°31'08	15°51	9°21	11°37	21°36	18° 6	17°11	24°48	16°58	1°49	26°24	25° 8	14°53	4°28	M19
T 20	5 54 22	27°31'52	28°57	10°52	12°45	22°10	18°14	17°18	24°51	16°59	1°48	26°20	25° 5	15° 0	4°27	T 20
W21	5 58 19	28°32'37	12♓18	12°22	13°53	22°44	18°22	17°25	24°54	17° 0	1°47	26°18	25° 2	15° 7	4°25	W21
T 22	6 2 15	29°33'23	25°54	13°53	15° 1	23°17	18°30	17°32	24°58	17° 0	1°46	26°D16	24°59	15°13	4°24	T 22
F 23	6 6 12	0♑34'10	9♈47	15°23	16° 9	23°50	18°37	17°39	25° 1	17° 1	1°45	26°17	24°56	15°20	4°23	F 23
S 24	6 10 9	1°34'57	23°57	16°52	17°18	24°24	18°44	17°46	25° 4	17° 2	1°44	26°18	24°52	15°27	4°22	S 24
S 25	6 14 5	2°35'46	8♉21	18°22	18°27	24°57	18°52	17°53	25° 8	17° 3	1°43	26°19	24°49	15°33	4°20	S 25
M26	6 18 2	3°36'35	22°58	19°50	19°35	25°30	18°59	18° 0	25°11	17° 4	1°42	26°R20	24°46	15°40	4°19	M26
T 27	6 21 58	4°37'25	7♊43	21°18	20°44	26° 3	19° 6	18° 6	25°15	17° 5	1°41	26°20	24°43	15°47	4°18	T 27
W28	6 25 55	5°38'16	22°30	22°46	21°54	26°36	19°13	18°13	25°18	17° 6	1°40	26°18	24°40	15°53	4°17	W28
T 29	6 29 51	6°39'08	7♋11	24°12	23° 3	27° 8	19°20	18°20	25°22	17° 7	1°38	26°13	24°37	16° 0	4°16	T 29
F 30	6 33 48	7°40'00	21°39	25°37	24°13	27°41	19°26	18°27	25°25	17° 8	1°37	26° 7	24°33	16° 7	4°15	F 30
S 31	6 37 44	8♑40'54	5♌48	27♑ 2	25♏22	28♎14	19♎33	18♑34	25♑29	17♓ 9	1♌36	26♏ 0	24♏30	16♏13	4♉15	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s34	20n26	2s51	22s38	0s37	7s 0	1n37	3s 3	1n31	5s 1	1n 5	21s50	0n36	21s38	0s27	5s47	0s41	18n 1	1s36	19s19	19s 9	16s44	12n36	0s33
F 2	21 43	18 43	3 52	22 57	0 44	7 20	1 41	3 16	1 31	5 5	1 5	21 49	0 36	21 37	0 27	5 47	0 41	18 1	1 36	19 18	19 8	16 45	12 35	0 33
S 3	21 52	15 54	4 38	23 14	0 50	7 40	1 45	3 30	1 31	5 8	1 6	21 49	0 36	21 37	0 27	5 47	0 41	18 1	1 36	19 18	19 8	16 46	12 34	0 33
S 4	22 0	12 17	5 6	23 31	0 56	8 0	1 48	3 43	1 31	5 12	1 6	21 48	0 35	21 36	0 27	5 47	0 41	18 2	1 36	19 18	19 7	16 48	12 33	0 33
M 5	22 8	8 10	5 17	23 46	1 2	8 19	1 51	3 56	1 32	5 15	1 6	21 47	0 35	21 36	0 27	5 47	0 41	18 2	1 36	19 17	19 6	16 49	12 33	0 33
T 6	22 16	3 49	5 11	24 0	1 8	8 39	1 55	4 9	1 32	5 19	1 6	21 47	0 35	21 35	0 27	5 47	0 41	18 2	1 36	19 17	19 5	16 50	12 32	0 33
W 7	22 23	0s35	4 51	24 13	1 14	8 59	1 58	4 22	1 32	5 22	1 6	21 46	0 35	21 35	0 27	5 47	0 41	18 2	1 36	19 17	19 5	16 51	12 31	0 33
T 8	22 30	4 51	4 18	24 24	1 20	9 19	2 1	4 35	1 32	5 26	1 6	21 45	0 35	21 34	0 27	5 47	0 41	18 2	1 36	19 17	19 4	16 52	12 31	0 33
F 9	22 36	8 53	3 34	24 34	1 25	9 39	2 3	4 48	1 33	5 29	1 7	21 45	0 35	21 34	0 27	5 46	0 41	18 3	1 36	19 18	19 3	16 53	12 30	0 33
S 10	22 42	12 32	2 42	24 43	1 31	9 59	2 6	5 1	1 33	5 32	1 7	21 44	0 35	21 33	0 27	5 46	0 41	18 3	1 36	19 18	19 2	16 55	12 29	0 33
S 11	22 47	15 40	1 43	24 51	1 36	10 19	2 8	5 14	1 33	5 36	1 7	21 43	0 35	21 33	0 27	5 46	0 41	18 3	1 36	19 18	19 2	16 56	12 29	0 33
M12	22 52	18 10	0 39	24 57	1 41	10 39	2 11	5 27	1 33	5 39	1 7	21 43	0 35	21 32	0 27	5 46	0 41	18 3	1 35	19 19	19 1	16 57	12 28	0 33
T 13	22 57	19 54	0n26	25 2	1 45	10 59	2 13	5 40	1 33	5 42	1 7	21 42	0 35	21 31	0 27	5 46	0 41	18 3	1 35	19 19	19 0	16 58	12 27	0 33
W14	23 1	20 46	1 31	25 6	1 50	11 19	2 15	5 52	1 34	5 45	1 8	21 41	0 34	21 31	0 27	5 46	0 41	18 4	1 35	19 18	18 59	16 59	12 27	0 34
T 15	23 4	20 41	2 32	25 9	1 54	11 39	2 17	6 5	1 34	5 48	1 8	21 41	0 34	21 30	0 27	5 45	0 41	18 4	1 35	19 18	18 59	17 0	12 26	0 34
F 16	23 8	19 37	3 27	25 10	1 58	11 58	2 19	6 17	1 34	5 51	1 8	21 40	0 34	21 30	0 26	5 45	0 41	18 4	1 35	19 17	18 58	17 1	12 26	0 34
S 17	23 10	17 36	4 13	25 10	2 2	12 18	2 20	6 30	1 34	5 54	1 8	21 39	0 34	21 29	0 26	5 45	0 41	18 4	1 35	19 16	18 57	17 2	12 25	0 34
S 18	23 13	14 42	4 47	25 8	2 5	12 38	2 22	6 42	1 34	5 57	1 8	21 38	0 34	21 29	0 26	5 45	0 41	18 5	1 35	19 15	18 56	17 4	12 24	0 34
M19	23 14	11 5	5 8	25 5	2 8	12 57	2 23	6 54	1 35	6 0	1 9	21 38	0 34	21 28	0 26	5 44	0 41	18 5	1 35	19 14	18 56	17 5	12 24	0 34
T 20	23 16	6 52	5 13	25 1	2 11	13 16	2 24	7 7	1 35	6 3	1 9	21 37	0 34	21 27	0 26	5 44	0 41	18 5	1 35	19 13	18 55	17 6	12 23	0 34
W21	23 17	2 16	5 1	24 56	2 13	13 35	2 26	7 19	1 35	6 5	1 9	21 36	0 34	21 27	0 26	5 44	0 41	18 5	1 35	19 12	18 54	17 7	12 23	0 34
T 22	23 17	2n33	4 32	24 49	2 16	13 54	2 27	7 31	1 35	6 8	1 9	21 35	0 34	21 26	0 26	5 43	0 41	18 6	1 35	19 12	18 53	17 8	12 22	0 34
F 23	23 17	7 20	3 47	24 41	2 17	14 13	2 27	7 43	1 35	6 11	1 9	21 34	0 34	21 26	0 26	5 43	0 40	18 6	1 35	19 12	18 53	17 9	12 22	0 34
S 24	23 17	11 50	2 48	24 31	2 19	14 31	2 28	7 55	1 36	6 13	1 10	21 34	0 34	21 25	0 26	5 43	0 40	18 6	1 35	19 12	18 52	17 10	12 22	0 34
S 25	23 16	15 44	1 37	24 20	2 20	14 49	2 29	8 7	1 36	6 16	1 10	21 33	0 34	21 24	0 26	5 42	0 40	18 6	1 35	19 12	18 51	17 11	12 21	0 34
M26	23 14	18 42	0 18	24 8	2 20	15 7	2 29	8 18	1 36	6 18	1 10	21 32	0 33	21 24	0 26	5 42	0 40	18 7	1 35	19 13	18 50	17 12	12 21	0 34
T 27	23 12	20 27	1s 2	23 55	2 20	15 25	2 29	8 30	1 36	6 21	1 10	21 31	0 33	21 23	0 26	5 42	0 40	18 7	1 35	19 13	18 50	17 14	12 20	0 34
W28	23 10	20 47	2 18	23 40	2 19	15 43	2 30	8 42	1 36	6 23	1 10	21 30	0 33	21 22	0 26	5 41	0 40	18 7	1 35	19 12	18 49	17 15	12 20	0 34
T 29	23 7	19 42	3 24	23 24	2 18	16 0	2 30	8 53	1 37	6 26	1 11	21 29	0 33	21 22	0 26	5 41	0 40	18 8	1 35	19 11	18 48	17 16	12 20	0 34
F 30	23 4	17 21	4 16	23 7	2 17	16 17	2 30	9 5	1 37	6 28	1 11	21 29	0 33	21 21	0 26	5 40	0 40	18 8	1 35	19 10	18 47	17 17	12 19	0 34
S 31	23s 0	14n 0	4s51	22s49	2s15	16s34	2n30	9s16	1n37	6s30	1n11	21s28	0n33	21s21	0s26	5s40	0s40	18n 8	1s35	19s 8	18s47	17s18	12n19	0s34

Julian Day Number = 2877751.5, Delta T = 01h14m27s
Ecliptic obliquity = 23°17'12, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°04'55, Lahiri = 40°11'55

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ASTRODIENST EPHEMERIS for the year 3167
geocentric

JANUARY 3167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 41	9♑41'48	19♌33	28♑24	26♏32	28♎46	19♎39	18♑42	25♑32	17♓10	1°R35	25°R53	24♏27	16♏20	4°R14	S 1
M 2	6 45 38	10°42'44	2♍52	29°45	27°42	29°18	19°45	18°49	25°36	17°11	1♌34	25♏46	24°24	16°26	4♉13	M 2
T 3	6 49 34	11°43'40	15°46	1♒ 4	28°52	29°51	19°51	18°56	25°39	17°12	1°33	25°41	24°21	16°33	4°12	T 3
W 4	6 53 31	12°44'38	28°18	2°21	0♐ 3	0♏23	19°57	19° 3	25°43	17°14	1°32	25°38	24°18	16°40	4°12	W 4
T 5	6 57 27	13°45'36	10♎30	3°35	1°13	0°55	20° 3	19°10	25°46	17°15	1°30	25°D36	24°14	16°46	4°11	T 5
F 6	7 1 24	14°46'36	22°29	4°46	2°23	1°27	20° 8	19°17	25°50	17°16	1°29	25°37	24°11	16°53	4°11	F 6
S 7	7 5 20	15°47'36	4♏19	5°53	3°34	1°59	20°13	19°24	25°53	17°17	1°28	25°38	24° 8	17° 0	4°10	S 7
S 8	7 9 17	16°48'37	16° 5	6°56	4°45	2°31	20°19	19°31	25°57	17°19	1°27	25°39	24° 5	17° 6	4°10	S 8
M 9	7 13 13	17°49'39	27°54	7°54	5°56	3° 2	20°24	19°38	26° 0	17°20	1°26	25°R39	24° 2	17°13	4° 9	M 9
T 10	7 17 10	18°50'42	9♐49	8°47	7° 7	3°34	20°29	19°45	26° 4	17°21	1°24	25°38	23°58	17°20	4° 9	T 10
W11	7 21 7	19°51'46	21°54	9°33	8°18	4° 5	20°33	19°52	26° 8	17°23	1°23	25°35	23°55	17°26	4° 9	W11
T 12	7 25 3	20°52'50	4♑12	10°12	9°29	4°36	20°38	19°59	26°11	17°24	1°22	25°29	23°52	17°33	4° 9	T 12
F 13	7 29 0	21°53'55	16°44	10°42	10°40	5° 7	20°42	20° 7	26°15	17°26	1°21	25°20	23°49	17°40	4° 9	F 13
S 14	7 32 56	22°55'00	29°31	11° 4	11°52	5°38	20°46	20°14	26°18	17°27	1°19	25°10	23°46	17°46	4° 9	S 14
S 15	7 36 53	23°56'05	12♒33	11°16	13° 3	6° 9	20°50	20°21	26°22	17°29	1°18	24°59	23°43	17°53	4°D 8	S 15
M16	7 40 49	24°57'11	25°48	11°R16	14°15	6°40	20°54	20°28	26°26	17°30	1°17	24°48	23°39	17°59	4° 9	M16
T 17	7 44 46	25°58'17	9♓14	11° 6	15°27	7°11	20°58	20°35	26°29	17°32	1°16	24°39	23°36	18° 6	4° 9	T 17
W18	7 48 42	26°59'22	22°51	10°43	16°38	7°41	21° 1	20°42	26°33	17°33	1°14	24°31	23°33	18°13	4° 9	W18
T 19	7 52 39	28° 0'28	6♈36	10° 9	17°50	8°11	21° 5	20°49	26°36	17°35	1°13	24°27	23°30	18°19	4° 9	T 19
F 20	7 56 36	29° 1'34	20°30	9°24	19° 2	8°41	21° 8	20°56	26°40	17°37	1°12	24°25	23°27	18°26	4° 9	F 20
S 21	8 0 32	0♒ 2'39	4♉30	8°27	20°14	9°11	21°11	21° 3	26°44	17°38	1°11	24°D25	23°23	18°33	4°10	S 21
S 22	8 4 29	1° 3'44	18°38	7°22	21°26	9°41	21°14	21°10	26°47	17°40	1° 9	24°R25	23°20	18°39	4°10	S 22
M23	8 8 25	2° 4'50	2♊52	6° 9	22°38	10°11	21°16	21°17	26°51	17°42	1° 8	24°25	23°17	18°46	4°10	M23
T 24	8 12 22	3° 5'54	17°10	4°50	23°50	10°40	21°19	21°24	26°55	17°43	1° 7	24°23	23°14	18°53	4°11	T 24
W25	8 16 18	4° 6'59	1♋30	3°30	25° 3	11°10	21°21	21°31	26°58	17°45	1° 6	24°18	23°11	18°59	4°11	W25
T 26	8 20 15	5° 8'04	15°46	2° 9	26°15	11°39	21°23	21°38	27° 2	17°47	1° 4	24°11	23° 8	19° 6	4°12	T 26
F 27	8 24 12	6° 9'08	29°54	0°51	27°27	12° 8	21°25	21°45	27° 5	17°49	1° 3	24° 1	23° 4	19°13	4°13	F 27
S 28	8 28 8	7°10'12	13♌48	29♑38	28°40	12°37	21°27	21°52	27° 9	17°51	1° 2	23°49	23° 1	19°19	4°13	S 28
S 29	8 32 5	8°11'16	27°24	28°32	29°53	13° 6	21°28	21°59	27°12	17°52	1° 1	23°36	22°58	19°26	4°14	S 29
M30	8 36 1	9°12'20	10♍39	27°33	1♑ 5	13°34	21°29	22° 6	27°16	17°54	0°59	23°24	22°55	19°33	4°15	M30
T 31	8 39 58	10♒13'23	23♍32	26♑44	2♑18	14♏ 3	21♎30	22♑13	27♑20	17♓56	0♌58	23♏14	22♏52	19♏39	4♉16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s56	9n59	5s 7	22s30	2s12	16s50	2n29	9s27	1n37	6s32	1n11	21s27	0n33	21s20	0s26	5s39	0s40	18n 8	1s35	19s 6	18s46	17s19	12n19	0s34
M 2	22 51	5 36	5 7	22 10	2 8	17 6	2 29	9 38	1 37	6 34	1 12	21 26	0 33	21 19	0 26	5 39	0 40	18 9	1 35	19 5	18 45	17 20	12 18	0 34
T 3	22 46	1 6	4 51	21 48	2 4	17 22	2 29	9 50	1 37	6 36	1 12	21 25	0 33	21 19	0 26	5 39	0 40	18 9	1 35	19 3	18 44	17 21	12 18	0 34
W 4	22 41	3s19	4 21	21 26	1 59	17 37	2 28	10 1	1 38	6 38	1 12	21 24	0 33	21 18	0 26	5 38	0 40	18 9	1 35	19 3	18 43	17 22	12 18	0 35
T 5	22 35	7 30	3 40	21 3	1 53	17 52	2 27	10 11	1 38	6 40	1 12	21 23	0 33	21 17	0 26	5 38	0 40	18 10	1 35	19 2	18 43	17 23	12 18	0 35
F 6	22 28	11 19	2 50	20 40	1 46	18 7	2 27	10 22	1 38	6 42	1 12	21 22	0 33	21 17	0 26	5 37	0 40	18 10	1 34	19 2	18 42	17 24	12 17	0 35
S 7	22 22	14 39	1 53	20 16	1 38	18 21	2 26	10 33	1 38	6 44	1 13	21 21	0 33	21 16	0 26	5 37	0 40	18 10	1 34	19 3	18 41	17 25	12 17	0 35
S 8	22 14	17 22	0 51	19 52	1 29	18 35	2 25	10 44	1 38	6 46	1 13	21 21	0 32	21 15	0 26	5 36	0 40	18 11	1 34	19 3	18 40	17 26	12 17	0 35
M 9	22 6	19 22	0n12	19 27	1 20	18 48	2 24	10 54	1 38	6 47	1 13	21 20	0 32	21 15	0 26	5 36	0 40	18 11	1 34	19 3	18 40	17 27	12 17	0 35
T 10	21 58	20 32	1 16	19 3	1 9	19 1	2 22	11 5	1 39	6 49	1 13	21 19	0 32	21 14	0 27	5 35	0 40	18 11	1 34	19 3	18 39	17 28	12 17	0 35
W11	21 50	20 46	2 16	18 40	0 57	19 14	2 21	11 15	1 39	6 50	1 14	21 18	0 32	21 13	0 27	5 34	0 40	18 11	1 34	19 2	18 38	17 29	12 17	0 35
T 12	21 41	20 2	3 12	18 16	0 43	19 26	2 20	11 25	1 39	6 52	1 14	21 17	0 32	21 13	0 27	5 34	0 40	18 12	1 34	19 1	18 37	17 30	12 16	0 35
F 13	21 31	18 18	3 59	17 54	0 29	19 37	2 18	11 35	1 39	6 53	1 14	21 16	0 32	21 12	0 27	5 33	0 40	18 12	1 34	18 59	18 36	17 31	12 16	0 35
S 14	21 21	15 38	4 35	17 34	0 14	19 48	2 17	11 45	1 39	6 55	1 14	21 15	0 32	21 11	0 27	5 33	0 40	18 12	1 34	18 56	18 36	17 32	12 16	0 35
S 15	21 11	12 10	4 57	17 15	0n 3	19 59	2 15	11 55	1 39	6 56	1 15	21 14	0 32	21 11	0 27	5 32	0 40	18 13	1 34	18 53	18 35	17 33	12 16	0 35
M16	21 0	8 4	5 4	16 58	0 20	20 9	2 13	12 5	1 39	6 57	1 15	21 13	0 32	21 10	0 27	5 32	0 40	18 13	1 34	18 51	18 34	17 34	12 16	0 35
T 17	20 49	3 30	4 55	16 43	0 39	20 19	2 12	12 15	1 40	6 58	1 15	21 12	0 32	21 9	0 27	5 31	0 40	18 13	1 34	18 49	18 33	17 35	12 16	0 35
W18	20 38	1n17	4 28	16 31	0 57	20 28	2 10	12 25	1 40	6 59	1 15	21 11	0 32	21 9	0 27	5 30	0 40	18 14	1 34	18 47	18 33	17 36	12 16	0 35
T 19	20 26	6 4	3 46	16 21	1 17	20 37	2 8	12 34	1 40	7 0	1 16	21 10	0 32	21 8	0 27	5 30	0 40	18 14	1 34	18 46	18 32	17 37	12 16	0 35
F 20	20 13	10 35	2 51	16 15	1 36	20 45	2 6	12 44	1 40	7 1	1 16	21 9	0 32	21 7	0 27	5 29	0 40	18 14	1 34	18 45	18 31	17 38	12 16	0 35
S 21	20 1	14 35	1 44	16 11	1 55	20 52	2 4	12 53	1 40	7 2	1 16	21 8	0 32	21 7	0 27	5 28	0 40	18 15	1 34	18 45	18 30	17 39	12 16	0 35
S 22	19 48	17 45	0 31	16 11	2 12	20 59	2 2	13 2	1 40	7 3	1 16	21 7	0 32	21 6	0 27	5 28	0 40	18 15	1 34	18 45	18 29	17 40	12 16	0 35
M23	19 34	19 52	0s45	16 13	2 29	21 6	1 59	13 11	1 40	7 4	1 17	21 6	0 31	21 5	0 27	5 27	0 40	18 15	1 34	18 45	18 29	17 41	12 17	0 35
T 24	19 20	20 43	1 58	16 17	2 44	21 12	1 57	13 20	1 40	7 4	1 17	21 5	0 31	21 5	0 27	5 26	0 40	18 16	1 33	18 45	18 28	17 42	12 17	0 35
W25	19 6	20 13	3 4	16 24	2 56	21 17	1 55	13 29	1 41	7 5	1 17	21 4	0 31	21 4	0 27	5 26	0 40	18 16	1 33	18 44	18 27	17 43	12 17	0 35
T 26	18 52	18 26	3 57	16 32	3 6	21 22	1 52	13 38	1 41	7 5	1 17	21 3	0 31	21 3	0 27	5 25	0 40	18 16	1 33	18 42	18 26	17 44	12 17	0 35
F 27	18 37	15 33	4 36	16 41	3 14	21 26	1 50	13 47	1 41	7 6	1 18	21 2	0 31	21 3	0 27	5 24	0 40	18 17	1 33	18 39	18 25	17 45	12 17	0 35
S 28	18 22	11 50	4 57	16 51	3 19	21 29	1 47	13 55	1 41	7 6	1 18	21 1	0 31	21 2	0 27	5 24	0 40	18 17	1 33	18 36	18 25	17 46	12 17	0 35
S 29	18 6	7 35	5 1	17 2	3 21	21 32	1 45	14 4	1 41	7 6	1 18	21 0	0 31	21 1	0 27	5 23	0 40	18 17	1 33	18 33	18 24	17 47	12 18	0 36
M30	17 50	3 4	4 48	17 13	3 21	21 35	1 42	14 12	1 41	7 7	1 18	20 59	0 31	21 1	0 27	5 22	0 40	18 18	1 33	18 30	18 23	17 48	12 18	0 36
T 31	17s34	1s27	4s21	17s25	3n20	21s37	1n39	14s21	1n41	7s 7	1n19	20s58	0n31	21s 0	0s27	5s21	0s40	18n18	1s33	18s28	18s22	17s49	12n18	0s36

Julian Day Number = 2877782.5, Delta T = 01h14m28s
Ecliptic obliquity = 23°17'12, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°04'59, Lahiri = 40°11'59

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ASTRODIENST EPHEMERIS for the year 3167
geocentric

FEBRUARY 3167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 43 54	11♒14'27	6♎ 4	26°R 5	3♑31	14♏31	21♎31	22♑20	27♑23	17♓58	0°R57	23°R 7	22♏49	19♏46	4♉17	W 1
T 2	8 47 51	12°15'30	18°18	25♑35	4°43	14°59	21°32	22°26	27°27	18° 0	0♌56	23♏ 2	22°45	19°52	4°18	T 2
F 3	8 51 47	13°16'34	0♏18	25°15	5°56	15°27	21°33	22°33	27°30	18° 2	0°54	23° 0	22°42	19°59	4°19	F 3
S 4	8 55 44	14°17'37	12° 9	25° 4	7° 9	15°54	21°33	22°40	27°34	18° 4	0°53	22°D59	22°39	20° 6	4°20	S 4
S 5	8 59 40	15°18'41	23°56	25°D 3	8°22	16°22	21°R33	22°47	27°37	18° 6	0°52	22°R59	22°36	20°12	4°21	S 5
M 6	9 3 37	16°19'44	5♐46	25° 9	9°35	16°49	21°33	22°54	27°41	18° 8	0°51	22°59	22°33	20°19	4°22	M 6
T 7	9 7 34	17°20'47	17°43	25°23	10°48	17°16	21°33	23° 0	27°44	18°10	0°50	22°57	22°29	20°26	4°23	T 7
W 8	9 11 30	18°21'49	29°52	25°44	12° 1	17°43	21°33	23° 7	27°47	18°12	0°48	22°52	22°26	20°32	4°25	W 8
T 9	9 15 27	19°22'52	12♑18	26°11	13°14	18° 9	21°32	23°14	27°51	18°14	0°47	22°45	22°23	20°39	4°26	T 9
F 10	9 19 23	20°23'54	25° 2	26°45	14°28	18°35	21°31	23°20	27°54	18°16	0°46	22°34	22°20	20°46	4°27	F 10
S 11	9 23 20	21°24'55	8♒ 7	27°23	15°41	19° 2	21°30	23°27	27°58	18°18	0°45	22°22	22°17	20°52	4°29	S 11
S 12	9 27 16	22°25'56	21°30	28° 6	16°54	19°27	21°29	23°33	28° 1	18°20	0°44	22° 9	22°14	20°59	4°30	S 12
M13	9 31 13	23°26'56	5♓10	28°54	18° 7	19°53	21°28	23°40	28° 4	18°22	0°43	21°55	22°10	21° 6	4°32	M13
T 14	9 35 9	24°27'55	19° 4	29°45	19°21	20°18	21°26	23°46	28° 8	18°24	0°41	21°44	22° 7	21°12	4°33	T 14
W15	9 39 6	25°28'53	3♈ 6	0♒40	20°34	20°44	21°24	23°53	28°11	18°26	0°40	21°34	22° 4	21°19	4°35	W15
T 16	9 43 3	26°29'51	17°13	1°38	21°47	21° 8	21°22	23°59	28°14	18°29	0°39	21°28	22° 1	21°25	4°37	T 16
F 17	9 46 59	27°30'47	1♉22	2°39	23° 1	21°33	21°20	24° 5	28°18	18°31	0°38	21°25	21°58	21°32	4°38	F 17
S 18	9 50 56	28°31'42	15°29	3°43	24°14	21°57	21°18	24°12	28°21	18°33	0°37	21°24	21°55	21°39	4°40	S 18
S 19	9 54 52	29°32'36	29°35	4°49	25°28	22°22	21°15	24°18	28°24	18°35	0°36	21°24	21°51	21°45	4°42	S 19
M20	9 58 49	0♓33'29	13♊37	5°57	26°41	22°45	21°13	24°24	28°27	18°37	0°35	21°24	21°48	21°52	4°44	M20
T 21	10 2 45	1°34'21	27°36	7° 7	27°55	23° 9	21°10	24°30	28°31	18°39	0°34	21°21	21°45	21°59	4°46	T 21
W22	10 6 42	2°35'11	11♋31	8°20	29° 8	23°32	21° 7	24°36	28°34	18°42	0°33	21°17	21°42	22° 5	4°48	W22
T 23	10 10 38	3°36'00	25°20	9°34	0♒22	23°55	21° 4	24°42	28°37	18°44	0°32	21° 9	21°39	22°12	4°50	T 23
F 24	10 14 35	4°36'48	9♌ 0	10°49	1°36	24°18	21° 0	24°48	28°40	18°46	0°31	20°59	21°35	22°19	4°52	F 24
S 25	10 18 32	5°37'35	22°30	12° 6	2°49	24°40	20°57	24°54	28°43	18°48	0°30	20°46	21°32	22°25	4°54	S 25
S 26	10 22 28	6°38'20	5♍45	13°25	4° 3	25° 2	20°53	25° 0	28°46	18°51	0°29	20°34	21°29	22°32	4°56	S 26
M27	10 26 25	7°39'04	18°45	14°44	5°17	25°24	20°49	25° 6	28°49	18°53	0°28	20°21	21°26	22°39	4°58	M27
T 28	10 30 21	8♓39'47	1♎28	16♒ 5	6♒30	25♏45	20♎45	25♑12	28♑52	18♓55	0♌27	20♏11	21♏23	22♏45	5♉ 1	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s18	5s48	3s42	17s36	3n16	21s38	1n37	14s29	1n41	7s 7	1n19	20s56	0n31	20s59	0s27	5s21	0s40	18n18	1s33	18s26	18s21	17s50	12n18	0s36
T 2	17 1	9 48	2 53	17 46	3 10	21 38	1 34	14 37	1 41	7 7	1 19	20 55	0 31	20 59	0 27	5 20	0 40	18 19	1 33	18 25	18 21	17 51	12 19	0 36
F 3	16 44	13 20	1 57	17 56	3 4	21 38	1 31	14 45	1 41	7 7	1 20	20 54	0 31	20 58	0 27	5 19	0 40	18 19	1 33	18 24	18 20	17 52	12 19	0 36
S 4	16 26	16 18	0 57	18 6	2 56	21 38	1 28	14 52	1 41	7 7	1 20	20 53	0 31	20 57	0 27	5 18	0 40	18 19	1 33	18 24	18 19	17 53	12 19	0 36
S 5	16 9	18 33	0n 5	18 15	2 47	21 36	1 25	15 0	1 41	7 7	1 20	20 52	0 31	20 57	0 27	5 18	0 40	18 20	1 33	18 24	18 18	17 53	12 20	0 36
M 6	15 51	20 2	1 7	18 23	2 38	21 34	1 22	15 8	1 41	7 6	1 20	20 51	0 31	20 56	0 27	5 17	0 40	18 20	1 33	18 24	18 17	17 54	12 20	0 36
T 7	15 32	20 37	2 7	18 30	2 28	21 32	1 19	15 15	1 42	7 6	1 21	20 50	0 31	20 55	0 27	5 16	0 40	18 20	1 33	18 23	18 17	17 55	12 20	0 36
W 8	15 14	20 15	3 2	18 37	2 17	21 29	1 17	15 23	1 42	7 6	1 21	20 49	0 31	20 55	0 27	5 15	0 40	18 21	1 32	18 22	18 16	17 56	12 21	0 36
T 9	14 55	18 55	3 50	18 42	2 7	21 25	1 13	15 30	1 42	7 5	1 21	20 48	0 31	20 54	0 27	5 14	0 40	18 21	1 32	18 20	18 15	17 57	12 21	0 36
F 10	14 36	16 37	4 27	18 46	1 56	21 20	1 10	15 37	1 42	7 5	1 21	20 47	0 31	20 53	0 27	5 14	0 40	18 21	1 32	18 18	18 14	17 58	12 21	0 36
S 11	14 16	13 26	4 51	18 50	1 45	21 15	1 7	15 44	1 42	7 4	1 22	20 46	0 30	20 53	0 27	5 13	0 40	18 22	1 32	18 15	18 13	17 59	12 22	0 36
S 12	13 57	9 30	5 0	18 52	1 35	21 10	1 4	15 51	1 42	7 4	1 22	20 45	0 30	20 52	0 27	5 12	0 40	18 22	1 32	18 11	18 13	18 0	12 22	0 36
M13	13 37	5 1	4 52	18 53	1 24	21 3	1 1	15 58	1 42	7 3	1 22	20 44	0 30	20 51	0 27	5 11	0 40	18 22	1 32	18 8	18 12	18 1	12 23	0 36
T 14	13 17	0 12	4 27	18 53	1 13	20 57	0 58	16 4	1 42	7 2	1 22	20 43	0 30	20 51	0 27	5 10	0 40	18 23	1 32	18 5	18 11	18 2	12 23	0 36
W15	12 57	4n41	3 46	18 52	1 3	20 49	0 55	16 11	1 42	7 1	1 23	20 42	0 30	20 50	0 27	5 10	0 40	18 23	1 32	18 3	18 10	18 2	12 24	0 36
T 16	12 36	9 21	2 50	18 49	0 52	20 41	0 52	16 18	1 42	7 0	1 23	20 41	0 30	20 49	0 27	5 9	0 40	18 23	1 32	18 1	18 9	18 3	12 24	0 36
F 17	12 16	13 30	1 44	18 46	0 42	20 32	0 49	16 24	1 42	6 59	1 23	20 40	0 30	20 49	0 27	5 8	0 40	18 23	1 32	18 0	18 8	18 4	12 25	0 36
S 18	11 55	16 52	0 31	18 41	0 32	20 23	0 45	16 30	1 42	6 58	1 23	20 39	0 30	20 48	0 27	5 7	0 40	18 24	1 32	18 0	18 8	18 5	12 25	0 36
S 19	11 34	19 14	0s43	18 35	0 22	20 13	0 42	16 36	1 42	6 57	1 24	20 38	0 30	20 47	0 27	5 6	0 40	18 24	1 32	18 0	18 7	18 6	12 26	0 36
M20	11 12	20 23	1 55	18 27	0 13	20 3	0 39	16 42	1 42	6 56	1 24	20 36	0 30	20 47	0 27	5 5	0 40	18 24	1 32	18 0	18 6	18 7	12 27	0 36
T 21	10 51	20 17	2 59	18 19	0 3	19 52	0 36	16 48	1 42	6 54	1 24	20 35	0 30	20 46	0 27	5 5	0 40	18 25	1 31	17 59	18 5	18 8	12 27	0 36
W22	10 29	18 56	3 52	18 9	0s 6	19 40	0 33	16 54	1 42	6 53	1 24	20 34	0 30	20 46	0 27	5 4	0 40	18 25	1 31	17 58	18 4	18 8	12 28	0 37
T 23	10 7	16 29	4 32	17 59	0 14	19 28	0 30	17 0	1 41	6 52	1 24	20 33	0 30	20 45	0 27	5 3	0 40	18 25	1 31	17 56	18 4	18 9	12 28	0 37
F 24	9 45	13 9	4 55	17 46	0 23	19 15	0 26	17 5	1 41	6 50	1 25	20 32	0 30	20 44	0 27	5 2	0 40	18 26	1 31	17 53	18 3	18 10	12 29	0 37
S 25	9 23	9 10	5 1	17 33	0 31	19 2	0 23	17 11	1 41	6 49	1 25	20 31	0 30	20 44	0 27	5 1	0 40	18 26	1 31	17 50	18 2	18 11	12 30	0 37
S 26	9 1	4 50	4 51	17 19	0 39	18 48	0 20	17 16	1 41	6 47	1 25	20 30	0 30	20 43	0 27	5 0	0 40	18 26	1 31	17 47	18 1	18 12	12 30	0 37
M27	8 39	0 21	4 26	17 3	0 47	18 33	0 17	17 21	1 41	6 45	1 25	20 29	0 30	20 43	0 27	4 59	0 40	18 26	1 31	17 43	18 0	18 13	12 31	0 37
T 28	8s16	4s 4	3s47	16s46	0s54	18s18	0n14	17s26	1n41	6s44	1n26	20s28	0n30	20s42	0s27	4s58	0s40	18n27	1s31	17s41	17s59	18s13	12n32	0s37

Julian Day Number = 2877813.5, Delta T = 01h14m29s
Ecliptic obliquity = 23°17'12, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°05'03, Lahiri = 40°12'04

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ASTRODIENST EPHEMERIS for the year 3167
geocentric

MARCH 3167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 34 18	9♓40'29	13♎54	17♒28	7♒44	26♏ 6	20°R41	25♑18	28♑55	18♓57	0°R26	20°R 3	21♏20	22♏52	5♉ 3	W 1
T 2	10 38 14	10°41'10	26° 6	18°51	8°58	26°27	20♎36	25°23	28°58	19° 0	0♌25	19♏57	21°16	22°58	5° 5	T 2
F 3	10 42 11	11°41'50	8♏ 5	20°16	10°12	26°47	20°31	25°29	29° 1	19° 2	0°24	19°54	21°13	23° 5	5° 7	F 3
S 4	10 46 7	12°42'29	19°55	21°41	11°25	27° 8	20°27	25°35	29° 4	19° 4	0°23	19°D54	21°10	23°12	5°10	S 4
S 5	10 50 4	13°43'06	1♐43	23° 8	12°39	27°27	20°22	25°40	29° 6	19° 6	0°22	19°54	21° 7	23°18	5°12	S 5
M 6	10 54 1	14°43'43	13°32	24°36	13°53	27°46	20°17	25°46	29° 9	19° 9	0°21	19°R55	21° 4	23°25	5°15	M 6
T 7	10 57 57	15°44'19	25°29	26° 4	15° 7	28° 5	20°12	25°51	29°12	19°11	0°20	19°54	21° 1	23°32	5°17	T 7
W 8	11 1 54	16°44'53	7♑39	27°34	16°21	28°24	20° 6	25°56	29°15	19°13	0°20	19°52	20°57	23°38	5°20	W 8
T 9	11 5 50	17°45'27	20° 6	29° 5	17°35	28°42	20° 1	26° 2	29°17	19°15	0°19	19°47	20°54	23°45	5°22	T 9
F 10	11 9 47	18°45'59	2♒55	0♓36	18°49	29° 0	19°55	26° 7	29°20	19°18	0°18	19°40	20°51	23°52	5°25	F 10
S 11	11 13 43	19°46'30	16° 8	2° 9	20° 3	29°17	19°49	26°12	29°23	19°20	0°17	19°31	20°48	23°58	5°28	S 11
S 12	11 17 40	20°46'59	29°45	3°42	21°17	29°34	19°43	26°17	29°25	19°22	0°17	19°21	20°45	24° 5	5°30	S 12
M13	11 21 36	21°47'27	13♓44	5°17	22°31	29°50	19°37	26°22	29°28	19°25	0°16	19°11	20°41	24°12	5°33	M13
T 14	11 25 33	22°47'54	28° 1	6°52	23°45	0♗ 6	19°31	26°27	29°30	19°27	0°15	19° 2	20°38	24°18	5°36	T 14
W15	11 29 29	23°48'19	12♈29	8°29	24°59	0°22	19°25	26°32	29°33	19°29	0°14	18°55	20°35	24°25	5°39	W15
T 16	11 33 26	24°48'42	27° 4	10° 6	26°13	0°37	19°18	26°37	29°35	19°31	0°14	18°50	20°32	24°31	5°42	T 16
F 17	11 37 23	25°49'03	11♉37	11°44	27°27	0°51	19°12	26°41	29°38	19°34	0°13	18°48	20°29	24°38	5°44	F 17
S 18	11 41 19	26°49'23	26° 5	13°24	28°41	1° 5	19° 5	26°46	29°40	19°36	0°13	18°D48	20°26	24°45	5°47	S 18
S 19	11 45 16	27°49'41	10♊23	15° 4	29°55	1°19	18°58	26°51	29°42	19°38	0°12	18°49	20°22	24°51	5°50	S 19
M20	11 49 12	28°49'57	24°30	16°45	1♓ 9	1°32	18°51	26°55	29°45	19°40	0°11	18°R50	20°19	24°58	5°53	M20
T 21	11 53 9	29°50'11	8♋24	18°28	2°23	1°44	18°44	27° 0	29°47	19°43	0°11	18°50	20°16	25° 5	5°56	T 21
W22	11 57 5	0♈50'23	22° 6	20°11	3°37	1°56	18°37	27° 4	29°49	19°45	0°10	18°48	20°13	25°11	5°59	W22
T 23	12 1 2	1°50'33	5♌35	21°55	4°51	2° 8	18°30	27° 8	29°51	19°47	0°10	18°44	20°10	25°18	6° 2	T 23
F 24	12 4 58	2°50'40	18°52	23°41	6° 5	2°19	18°23	27°13	29°53	19°49	0° 9	18°37	20° 6	25°25	6° 5	F 24
S 25	12 8 55	3°50'46	1♍57	25°27	7°19	2°29	18°16	27°17	29°55	19°52	0° 9	18°30	20° 3	25°31	6° 8	S 25
S 26	12 12 52	4°50'50	14°49	27°15	8°33	2°39	18° 8	27°21	29°57	19°54	0° 8	18°22	20° 0	25°38	6°11	S 26
M27	12 16 48	5°50'52	27°28	29° 4	9°47	2°48	18° 1	27°25	29°59	19°56	0° 8	18°14	19°57	25°45	6°15	M27
T 28	12 20 45	6°50'52	9♎55	0♈54	11° 1	2°57	17°54	27°29	0♒ 1	19°58	0° 7	18° 7	19°54	25°51	6°18	T 28
W29	12 24 41	7°50'51	22°10	2°45	12°15	3° 5	17°46	27°32	0° 3	20° 1	0° 7	18° 2	19°51	25°58	6°21	W29
T 30	12 28 38	8°50'47	4♏14	4°37	13°29	3°12	17°38	27°36	0° 5	20° 3	0° 7	17°59	19°47	26° 4	6°24	T 30
F 31	12 32 34	9♈50'42	16♏ 9	6♈30	14♓43	3♗19	17♎31	27♑40	0♒ 7	20♓ 5	0♌ 6	17°D58	19♏44	26♏11	6♉27	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s54	8s12	2s59	16s28	1s 1	18s 3	0n11	17s31	1n41	6s42	1n26	20s27	0n30	20s41	0s27	4s58	0s40	18n27	1s31	17s38	17s59	18s14	12n33	0s37
T 2	7 31	11 56	2 3	16 9	1 8	17 47	0 8	17 36	1 41	6 40	1 26	20 26	0 30	20 41	0 27	4 57	0 40	18 27	1 31	17 37	17 58	18 15	12 33	0 37
F 3	7 8	15 6	1 3	15 49	1 14	17 30	0 5	17 41	1 41	6 38	1 26	20 25	0 30	20 40	0 27	4 56	0 40	18 28	1 31	17 36	17 57	18 16	12 34	0 37
S 4	6 45	17 36	0n 0	15 27	1 21	17 13	0 2	17 46	1 40	6 36	1 26	20 24	0 30	20 40	0 27	4 55	0 40	18 28	1 31	17 36	17 56	18 17	12 35	0 37
S 5	6 22	19 21	1 3	15 5	1 26	16 56	0s 2	17 50	1 40	6 34	1 27	20 23	0 30	20 39	0 27	4 54	0 40	18 28	1 31	17 36	17 55	18 17	12 36	0 37
M 6	5 59	20 15	2 3	14 41	1 32	16 38	0 5	17 55	1 40	6 32	1 27	20 22	0 30	20 39	0 27	4 53	0 40	18 28	1 30	17 36	17 55	18 18	12 36	0 37
T 7	5 35	20 15	2 58	14 16	1 37	16 19	0 7	17 59	1 40	6 30	1 27	20 21	0 29	20 38	0 27	4 52	0 40	18 29	1 30	17 36	17 54	18 19	12 37	0 37
W 8	5 12	19 18	3 47	13 50	1 42	16 0	0 10	18 3	1 40	6 28	1 27	20 21	0 29	20 37	0 27	4 51	0 40	18 29	1 30	17 35	17 53	18 20	12 38	0 37
T 9	4 49	17 25	4 25	13 23	1 46	15 41	0 13	18 7	1 39	6 25	1 27	20 20	0 29	20 37	0 27	4 51	0 40	18 29	1 30	17 34	17 52	18 21	12 39	0 37
F 10	4 25	14 38	4 52	12 55	1 51	15 21	0 16	18 12	1 39	6 23	1 28	20 19	0 29	20 36	0 27	4 50	0 40	18 29	1 30	17 32	17 51	18 21	12 40	0 37
S 11	4 1	11 3	5 4	12 26	1 54	15 1	0 19	18 15	1 39	6 21	1 28	20 18	0 29	20 36	0 27	4 49	0 40	18 30	1 30	17 30	17 50	18 22	12 40	0 37
S 12	3 38	6 48	5 0	11 55	1 58	14 40	0 22	18 19	1 39	6 18	1 28	20 17	0 29	20 35	0 27	4 48	0 40	18 30	1 30	17 27	17 50	18 23	12 41	0 37
M13	3 14	2 5	4 38	11 24	2 1	14 19	0 25	18 23	1 38	6 16	1 28	20 16	0 29	20 35	0 27	4 47	0 40	18 30	1 30	17 24	17 49	18 24	12 42	0 37
T 14	2 50	2n51	3 58	10 51	2 4	13 57	0 27	18 27	1 38	6 14	1 28	20 15	0 29	20 34	0 27	4 46	0 40	18 30	1 30	17 22	17 48	18 24	12 43	0 37
W15	2 27	7 42	3 2	10 17	2 6	13 35	0 30	18 30	1 38	6 11	1 28	20 14	0 29	20 34	0 28	4 45	0 40	18 31	1 30	17 20	17 47	18 25	12 44	0 37
T 16	2 3	12 8	1 54	9 43	2 8	13 13	0 33	18 34	1 37	6 8	1 29	20 13	0 29	20 33	0 28	4 44	0 40	18 31	1 30	17 19	17 46	18 26	12 45	0 37
F 17	1 39	15 50	0 39	9 7	2 10	12 50	0 35	18 37	1 37	6 6	1 29	20 12	0 29	20 33	0 28	4 44	0 40	18 31	1 29	17 18	17 45	18 27	12 46	0 38
S 18	1 15	18 31	0s39	8 30	2 11	12 27	0 38	18 40	1 37	6 3	1 29	20 12	0 29	20 32	0 28	4 43	0 40	18 31	1 29	17 18	17 44	18 27	12 47	0 38
S 19	0 52	19 59	1 54	7 52	2 12	12 4	0 41	18 43	1 36	6 1	1 29	20 11	0 29	20 32	0 28	4 42	0 40	18 32	1 29	17 19	17 44	18 28	12 47	0 38
M20	0 28	20 10	3 0	7 14	2 12	11 40	0 43	18 46	1 36	5 58	1 29	20 10	0 29	20 32	0 28	4 41	0 40	18 32	1 29	17 19	17 43	18 29	12 48	0 38
T 21	0 4	19 7	3 55	6 34	2 12	11 16	0 45	18 49	1 35	5 55	1 29	20 9	0 29	20 31	0 28	4 40	0 40	18 32	1 29	17 19	17 42	18 30	12 49	0 38
W22	0n20	16 57	4 36	5 53	2 11	10 52	0 48	18 52	1 35	5 52	1 29	20 8	0 29	20 31	0 28	4 39	0 40	18 32	1 29	17 18	17 41	18 30	12 50	0 38
T 23	0 44	13 54	5 0	5 11	2 11	10 27	0 50	18 55	1 35	5 50	1 29	20 7	0 29	20 30	0 28	4 38	0 40	18 32	1 29	17 17	17 40	18 31	12 51	0 38
F 24	1 7	10 11	5 8	4 28	2 9	10 2	0 52	18 57	1 34	5 47	1 30	20 7	0 29	20 30	0 28	4 37	0 40	18 33	1 29	17 15	17 39	18 32	12 52	0 38
S 25	1 31	6 2	5 0	3 45	2 7	9 37	0 55	19 0	1 34	5 44	1 30	20 6	0 29	20 29	0 28	4 37	0 40	18 33	1 29	17 13	17 39	18 33	12 53	0 38
S 26	1 55	1 41	4 37	3 0	2 5	9 12	0 57	19 2	1 33	5 41	1 30	20 5	0 29	20 29	0 28	4 36	0 40	18 33	1 29	17 11	17 38	18 33	12 54	0 38
M27	2 18	2s40	4 0	2 14	2 2	8 46	0 59	19 4	1 32	5 38	1 30	20 4	0 29	20 29	0 28	4 35	0 40	18 33	1 29	17 9	17 37	18 34	12 55	0 38
T 28	2 42	6 51	3 12	1 28	1 59	8 20	1 1	19 7	1 32	5 35	1 30	20 4	0 29	20 28	0 28	4 34	0 40	18 33	1 28	17 7	17 36	18 35	12 56	0 38
W29	3 6	10 41	2 16	0 41	1 55	7 54	1 3	19 9	1 31	5 32	1 30	20 3	0 29	20 28	0 28	4 33	0 40	18 33	1 28	17 6	17 35	18 35	12 57	0 38
T 30	3 29	14 1	1 14	0n 7	1 51	7 27	1 5	19 11	1 31	5 29	1 30	20 2	0 29	20 28	0 28	4 32	0 40	18 34	1 28	17 5	17 34	18 36	12 58	0 38
F 31	3n53	16s43	0s10	0n56	1s46	7s 0	1s 7	19s13	1n30	5s26	1n30	20s 2	0n29	20s27	0s28	4s32	0s40	18n34	1s28	17s 5	17s33	18s37	12n59	0s38

Julian Day Number = 2877841.5, Delta T = 01h14m29s
Ecliptic obliquity = 23°17'13, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°05'07, Lahiri = 40°12'08

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ASTRODIENST EPHEMERIS for the year 3167
geocentric

APRIL 3167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 36 31	10♈50'35	27♏58	8♈24	15♓57	3♐25	17°R23	27♑43	0♒ 9	20♓ 7	0°R 6	17♏59	19♏41	26♏18	6♉31	S 1
S 2	12 40 27	11°50'27	9♐45	10°20	17°11	3°31	17♎15	27°47	0°10	20° 9	0♌ 6	18° 0	19°38	26°24	6°34	S 2
M 3	12 44 24	12°50'17	21°35	12°16	18°25	3°35	17° 8	27°50	0°12	20°11	0° 6	18° 2	19°35	26°31	6°37	M 3
T 4	12 48 21	13°50'05	3♑31	14°13	19°39	3°40	17° 0	27°54	0°14	20°13	0° 5	18° 3	19°32	26°38	6°41	T 4
W 5	12 52 17	14°49'52	15°39	16°12	20°54	3°43	16°52	27°57	0°15	20°16	0° 5	18°R 4	19°28	26°44	6°44	W 5
T 6	12 56 14	15°49'37	28° 4	18°10	22° 8	3°46	16°44	28° 0	0°17	20°18	0° 5	18° 3	19°25	26°51	6°47	T 6
F 7	13 0 10	16°49'20	10♒51	20°10	23°22	3°48	16°37	28° 3	0°18	20°20	0° 5	18° 1	19°22	26°58	6°51	F 7
S 8	13 4 7	17°49'02	24° 2	22°10	24°36	3°49	16°29	28° 6	0°19	20°22	0° 5	17°58	19°19	27° 4	6°54	S 8
S 9	13 8 3	18°48'42	7♓40	24°11	25°50	3°R50	16°21	28° 9	0°21	20°24	0° 4	17°53	19°16	27°11	6°57	S 9
M10	13 12 0	19°48'20	21°45	26°12	27° 4	3°50	16°13	28°12	0°22	20°26	0° 4	17°49	19°12	27°18	7° 1	M10
T 11	13 15 56	20°47'57	6♈13	28°12	28°18	3°49	16° 6	28°14	0°23	20°28	0° 4	17°45	19° 9	27°24	7° 4	T 11
W12	13 19 53	21°47'31	20°58	0♉13	29°32	3°47	15°58	28°17	0°25	20°30	0° 4	17°42	19° 6	27°31	7° 8	W12
T 13	13 23 49	22°47'04	5♉54	2°13	0♈46	3°45	15°50	28°19	0°26	20°32	0°D 4	17°40	19° 3	27°38	7°11	T 13
F 14	13 27 46	23°46'34	20°52	4°12	2° 1	3°42	15°42	28°22	0°27	20°34	0° 4	17°D40	19° 0	27°44	7°15	F 14
S 15	13 31 43	24°46'03	5♊44	6° 9	3°15	3°38	15°35	28°24	0°28	20°36	0° 4	17°41	18°57	27°51	7°18	S 15
S 16	13 35 39	25°45'29	20°23	8° 5	4°29	3°33	15°27	28°26	0°29	20°38	0° 4	17°42	18°53	27°57	7°22	S 16
M17	13 39 36	26°44'53	4♋46	9°59	5°43	3°28	15°20	28°28	0°30	20°40	0° 4	17°43	18°50	28° 4	7°25	M17
T 18	13 43 32	27°44'15	18°48	11°51	6°57	3°22	15°12	28°31	0°31	20°42	0° 4	17°44	18°47	28°11	7°29	T 18
W19	13 47 29	28°43'35	2♌30	13°39	8°11	3°15	15° 5	28°32	0°32	20°44	0° 5	17°R44	18°44	28°17	7°32	W19
T 20	13 51 25	29°42'52	15°52	15°25	9°25	3° 7	14°57	28°34	0°33	20°46	0° 5	17°44	18°41	28°24	7°36	T 20
F 21	13 55 22	0♉42'07	28°57	17° 7	10°39	2°59	14°50	28°36	0°33	20°48	0° 5	17°42	18°38	28°31	7°39	F 21
S 22	13 59 18	1°41'19	11♍44	18°44	11°53	2°49	14°43	28°38	0°34	20°49	0° 5	17°40	18°34	28°37	7°43	S 22
S 23	14 3 15	2°40'30	24°18	20°18	13° 7	2°39	14°36	28°39	0°35	20°51	0° 5	17°38	18°31	28°44	7°46	S 23
M24	14 7 12	3°39'38	6♎39	21°46	14°21	2°29	14°29	28°41	0°35	20°53	0° 6	17°36	18°28	28°51	7°50	M24
T 25	14 11 8	4°38'44	18°50	23°10	15°35	2°17	14°22	28°42	0°36	20°55	0° 6	17°34	18°25	28°57	7°53	T 25
W26	14 15 5	5°37'48	0♏52	24°29	16°49	2° 5	14°15	28°43	0°36	20°57	0° 6	17°33	18°22	29° 4	7°57	W26
T 27	14 19 1	6°36'50	12°47	25°42	18° 3	1°52	14° 8	28°44	0°37	20°58	0° 6	17°D32	18°18	29°11	8° 0	T 27
F 28	14 22 58	7°35'51	24°38	26°49	19°17	1°38	14° 2	28°46	0°37	21° 0	0° 7	17°32	18°15	29°17	8° 4	F 28
S 29	14 26 54	8°34'49	6♐26	27°50	20°31	1°24	13°55	28°47	0°38	21° 2	0° 7	17°33	18°12	29°24	8° 7	S 29
S 30	14 30 51	9♉33'46	18♐14	28♉46	21♈45	1♐ 9	13♎49	28♑47	0♒38	21♓ 3	0♌ 7	17♏34	18♏ 9	29♏30	8♉11	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n16	18s42	0n54	1n46	1s41	6s34	1s 9	19s15	1n29	5s24	1n30	20s 1	0n29	20s27	0s28	4s31	0s40	18n34	1s28	17s 5	17s33	18s37	13n 0	0s38
S 2	4 39	19 51	1 56	2 36	1 35	6 7	1 10	19 16	1 28	5 21	1 30	20 0	0 29	20 27	0 28	4 30	0 40	18 34	1 28	17 5	17 32	18 38	13 1	0 38
M 3	5 2	20 8	2 53	3 27	1 29	5 39	1 12	19 18	1 28	5 18	1 30	20 0	0 29	20 26	0 28	4 29	0 41	18 34	1 28	17 6	17 31	18 39	13 2	0 38
T 4	5 25	19 31	3 44	4 19	1 22	5 12	1 14	19 20	1 27	5 15	1 30	19 59	0 29	20 26	0 28	4 28	0 41	18 34	1 28	17 6	17 30	18 39	13 3	0 38
W 5	5 48	17 59	4 25	5 11	1 14	4 44	1 15	19 21	1 26	5 12	1 30	19 58	0 29	20 26	0 28	4 27	0 41	18 34	1 28	17 6	17 29	18 40	13 4	0 39
T 6	6 11	15 36	4 55	6 4	1 6	4 17	1 17	19 22	1 25	5 9	1 30	19 58	0 29	20 25	0 28	4 27	0 41	18 35	1 28	17 6	17 28	18 41	13 5	0 39
F 7	6 34	12 24	5 11	6 56	0 58	3 49	1 18	19 24	1 24	5 6	1 30	19 57	0 29	20 25	0 28	4 26	0 41	18 35	1 27	17 5	17 28	18 41	13 6	0 39
S 8	6 57	8 31	5 12	7 49	0 49	3 21	1 19	19 25	1 23	5 3	1 30	19 57	0 28	20 25	0 28	4 25	0 41	18 35	1 27	17 4	17 27	18 42	13 7	0 39
S 9	7 19	4 4	4 55	8 42	0 40	2 53	1 21	19 26	1 22	5 0	1 30	19 56	0 28	20 24	0 28	4 24	0 41	18 35	1 27	17 3	17 26	18 43	13 8	0 39
M10	7 42	0n45	4 21	9 35	0 30	2 25	1 22	19 27	1 21	4 57	1 30	19 56	0 28	20 24	0 28	4 23	0 41	18 35	1 27	17 2	17 25	18 43	13 9	0 39
T 11	8 4	5 39	3 29	10 28	0 19	1 57	1 23	19 28	1 20	4 54	1 30	19 55	0 28	20 24	0 28	4 23	0 41	18 35	1 27	17 1	17 24	18 44	13 10	0 39
W12	8 26	10 19	2 22	11 20	0 9	1 28	1 24	19 29	1 19	4 51	1 30	19 55	0 28	20 24	0 28	4 22	0 41	18 35	1 27	17 0	17 23	18 45	13 11	0 39
T 13	8 48	14 25	1 4	12 12	0n 2	1 0	1 25	19 29	1 18	4 48	1 30	19 54	0 28	20 24	0 28	4 21	0 41	18 35	1 27	17 0	17 22	18 45	13 13	0 39
F 14	9 10	17 34	0s18	13 3	0 13	0 32	1 26	19 30	1 17	4 45	1 30	19 54	0 28	20 23	0 28	4 20	0 41	18 35	1 27	17 0	17 21	18 46	13 14	0 39
S 15	9 32	19 31	1 38	13 53	0 25	0 3	1 27	19 30	1 16	4 42	1 30	19 53	0 28	20 23	0 28	4 20	0 41	18 36	1 27	17 0	17 21	18 47	13 15	0 39
S 16	9 54	20 6	2 51	14 41	0 36	0n25	1 28	19 31	1 14	4 39	1 30	19 53	0 28	20 23	0 28	4 19	0 41	18 36	1 27	17 0	17 20	18 47	13 16	0 39
M17	10 15	19 21	3 52	15 29	0 48	0 54	1 29	19 31	1 13	4 36	1 30	19 52	0 28	20 23	0 29	4 18	0 41	18 36	1 27	17 0	17 19	18 48	13 17	0 39
T 18	10 36	17 24	4 37	16 14	1 0	1 22	1 29	19 31	1 12	4 34	1 30	19 52	0 28	20 23	0 29	4 17	0 41	18 36	1 26	17 1	17 18	18 48	13 18	0 39
W19	10 57	14 31	5 5	16 58	1 11	1 51	1 30	19 31	1 10	4 31	1 30	19 52	0 28	20 22	0 29	4 17	0 41	18 36	1 26	17 1	17 17	18 49	13 19	0 39
T 20	11 18	10 56	5 16	17 40	1 23	2 19	1 31	19 31	1 9	4 28	1 30	19 51	0 28	20 22	0 29	4 16	0 41	18 36	1 26	17 1	17 16	18 50	13 20	0 39
F 21	11 39	6 55	5 10	18 20	1 34	2 48	1 31	19 31	1 7	4 25	1 30	19 51	0 28	20 22	0 29	4 15	0 41	18 36	1 26	17 0	17 15	18 50	13 21	0 39
S 22	11 59	2 39	4 49	18 58	1 45	3 16	1 31	19 31	1 6	4 23	1 30	19 51	0 28	20 22	0 29	4 15	0 41	18 36	1 26	17 0	17 15	18 51	13 22	0 40
S 23	12 19	1s38	4 14	19 33	1 55	3 44	1 32	19 30	1 4	4 20	1 30	19 50	0 28	20 22	0 29	4 14	0 41	18 36	1 26	16 59	17 14	18 51	13 23	0 40
M24	12 39	5 48	3 28	20 6	2 4	4 12	1 32	19 30	1 3	4 17	1 30	19 50	0 28	20 22	0 29	4 13	0 41	18 36	1 26	16 58	17 13	18 52	13 24	0 40
T 25	12 59	9 41	2 33	20 36	2 13	4 41	1 32	19 29	1 1	4 15	1 30	19 50	0 28	20 22	0 29	4 13	0 41	18 36	1 26	16 58	17 12	18 53	13 25	0 40
W26	13 19	13 8	1 31	21 4	2 22	5 9	1 32	19 29	0 59	4 12	1 30	19 50	0 28	20 22	0 29	4 12	0 41	18 36	1 26	16 58	17 11	18 53	13 26	0 40
T 27	13 38	16 0	0 26	21 29	2 29	5 37	1 32	19 28	0 58	4 10	1 30	19 50	0 28	20 22	0 29	4 11	0 41	18 36	1 26	16 57	17 10	18 54	13 28	0 40
F 28	13 57	18 10	0n39	21 51	2 36	6 5	1 32	19 27	0 56	4 7	1 29	19 49	0 28	20 22	0 29	4 11	0 41	18 36	1 26	16 57	17 9	18 54	13 29	0 40
S 29	14 16	19 33	1 43	22 11	2 42	6 32	1 32	19 26	0 54	4 5	1 29	19 49	0 28	20 22	0 29	4 10	0 41	18 36	1 25	16 58	17 8	18 55	13 30	0 40
S 30	14n35	20s 4	2n42	22n28	2n46	7n 0	1s32	19s25	0n52	4s 3	1n29	19s49	0n28	20s21	0s29	4s 9	0s41	18n36	1s25	16s58	17s 8	18s55	13n31	0s40

Julian Day Number = 2877872.5, Delta T = 01h14m30s
Ecliptic obliquity = 23°17'12, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°05'11, Lahiri = 40°12'12

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ASTRODIENST EPHEMERIS for the year 3167
geocentric

MAY 3167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 34 47	10♉32'40	0♋ 5	29♉35	22♈59	0°R53	13°R42	28♋48	0♒38	21♓ 5	0♌ 8	17♏34	18♏ 6	29♏37	8♉15	M 1
T 2	14 38 44	11°31'34	12° 4	0♊18	24°13	0♐37	13♎36	28°49	0°38	21° 7	0° 8	17°35	18° 3	29°44	8°18	T 2
W 3	14 42 41	12°30'25	24°12	0°55	25°27	0°20	13°30	28°49	0°38	21° 8	0° 9	17°36	17°59	29°50	8°22	W 3
T 4	14 46 37	13°29'14	6♒36	1°26	26°41	0° 2	13°24	28°50	0°39	21°10	0° 9	17°36	17°56	29°57	8°25	T 4
F 5	14 50 34	14°28'02	19°19	1°50	27°55	29♏44	13°18	28°50	0°R39	21°11	0°10	17°R36	17°53	0♐ 4	8°29	F 5
S 6	14 54 30	15°26'49	2♓25	2° 8	29° 9	29°25	13°13	28°51	0°39	21°13	0°10	17°36	17°50	0°10	8°32	S 6
S 7	14 58 27	16°25'33	15°56	2°20	0♉23	29° 6	13° 7	28°51	0°39	21°14	0°11	17°36	17°47	0°17	8°36	S 7
M 8	15 2 23	17°24'16	29°54	2°R25	1°37	28°46	13° 2	28°R51	0°38	21°16	0°11	17°D36	17°43	0°24	8°39	M 8
T 9	15 6 20	18°22'57	14♈18	2°25	2°51	28°26	12°56	28°51	0°38	21°17	0°12	17°36	17°40	0°30	8°43	T 9
W10	15 10 16	19°21'37	29° 4	2°18	4° 5	28° 6	12°51	28°51	0°38	21°19	0°13	17°36	17°37	0°37	8°46	W10
T 11	15 14 13	20°20'15	14♉ 7	2° 7	5°19	27°45	12°46	28°50	0°38	21°20	0°13	17°R36	17°34	0°44	8°50	T 11
F 12	15 18 10	21°18'51	29°17	1°50	6°33	27°23	12°41	28°50	0°37	21°21	0°14	17°36	17°31	0°50	8°53	F 12
S 13	15 22 6	22°17'25	14♊26	1°28	7°47	27° 1	12°37	28°50	0°37	21°23	0°15	17°35	17°28	0°57	8°57	S 13
S 14	15 26 3	23°15'58	29°25	1° 2	9° 1	26°40	12°32	28°49	0°37	21°24	0°15	17°35	17°24	1° 4	9° 0	S 14
M15	15 29 59	24°14'28	14♋ 5	0°32	10°15	26°17	12°28	28°49	0°36	21°25	0°16	17°34	17°21	1°10	9° 4	M15
T 16	15 33 56	25°12'56	28°22	29♉59	11°29	25°55	12°24	28°48	0°36	21°27	0°17	17°34	17°18	1°17	9° 7	T 16
W17	15 37 52	26°11'22	12♌13	29°24	12°43	25°33	12°20	28°47	0°35	21°28	0°17	17°33	17°15	1°24	9°11	W17
T 18	15 41 49	27° 9'46	25°39	28°46	13°56	25°10	12°16	28°46	0°35	21°29	0°18	17°D33	17°12	1°30	9°14	T 18
F 19	15 45 45	28° 8'08	8♍40	28° 8	15°10	24°48	12°12	28°45	0°34	21°30	0°19	17°33	17° 9	1°37	9°17	F 19
S 20	15 49 42	29° 6'28	21°21	27°29	16°24	24°25	12° 9	28°44	0°33	21°31	0°20	17°34	17° 5	1°43	9°21	S 20
S 21	15 53 39	0♊ 4'45	3♎44	26°50	17°38	24° 3	12° 5	28°43	0°32	21°32	0°21	17°35	17° 2	1°50	9°24	S 21
M22	15 57 35	1° 3'01	15°54	26°12	18°52	23°40	12° 2	28°42	0°32	21°34	0°22	17°36	16°59	1°57	9°28	M22
T 23	16 1 32	2° 1'15	27°54	25°36	20° 6	23°18	11°59	28°40	0°31	21°35	0°22	17°37	16°56	2° 3	9°31	T 23
W24	16 5 28	2°59'27	9♏47	25° 2	21°20	22°56	11°56	28°39	0°30	21°36	0°23	17°38	16°53	2°10	9°34	W24
T 25	16 9 25	3°57'37	21°36	24°30	22°33	22°34	11°54	28°37	0°29	21°37	0°24	17°R38	16°49	2°17	9°38	T 25
F 26	16 13 21	4°55'46	3♐24	24° 2	23°47	22°13	11°51	28°36	0°28	21°38	0°25	17°37	16°46	2°23	9°41	F 26
S 27	16 17 18	5°53'53	15°13	23°37	25° 1	21°52	11°49	28°34	0°27	21°39	0°26	17°35	16°43	2°30	9°44	S 27
S 28	16 21 14	6°51'59	27° 4	23°16	26°15	21°31	11°47	28°32	0°26	21°39	0°27	17°33	16°40	2°37	9°47	S 28
M29	16 25 11	7°50'03	9♋ 2	23° 0	27°29	21°10	11°45	28°30	0°25	21°40	0°28	17°30	16°37	2°43	9°51	M29
T 30	16 29 8	8°48'05	21° 6	22°48	28°43	20°50	11°43	28°28	0°23	21°41	0°29	17°27	16°34	2°50	9°54	T 30
W31	16 33 4	9♊46'06	3♒21	22♉40	29♉56	20♏31	11♎41	28♋26	0♒22	21♓42	0♌30	17♏23	16♏30	2♐57	9♉57	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n53	19s42	3n35	22n42	2n50	7n27	1s32	19s23	0n50	4s 0	1n29	19s49	0n28	20s21	0s29	4s 9	0s41	18n36	1s25	16s58	17s 7	18s56	13n32	0s40
T 2	15 12	18 27	4 19	22 54	2 53	7 55	1 32	19 22	0 48	3 58	1 29	19 49	0 28	20 21	0 29	4 8	0 41	18 36	1 25	16 58	17 6	18 57	13 33	0 40
W 3	15 30	16 20	4 52	23 3	2 54	8 22	1 31	19 20	0 46	3 56	1 29	19 49	0 28	20 21	0 29	4 7	0 41	18 36	1 25	16 58	17 5	18 57	13 34	0 40
T 4	15 47	13 28	5 12	23 9	2 54	8 49	1 31	19 19	0 44	3 54	1 29	19 49	0 28	20 21	0 29	4 7	0 41	18 36	1 25	16 58	17 4	18 58	13 35	0 40
F 5	16 5	9 54	5 18	23 13	2 53	9 16	1 30	19 17	0 42	3 52	1 28	19 49	0 28	20 21	0 29	4 6	0 41	18 36	1 25	16 58	17 3	18 58	13 36	0 40
S 6	16 22	5 45	5 8	23 14	2 50	9 42	1 30	19 15	0 40	3 49	1 28	19 49	0 28	20 22	0 29	4 6	0 41	18 36	1 25	16 58	17 2	18 59	13 37	0 41
S 7	16 39	1 12	4 40	23 13	2 47	10 8	1 29	19 13	0 38	3 47	1 28	19 49	0 28	20 22	0 29	4 5	0 41	18 36	1 25	16 58	17 1	18 59	13 38	0 41
M 8	16 55	3n34	3 56	23 9	2 41	10 35	1 29	19 11	0 35	3 46	1 28	19 49	0 28	20 22	0 29	4 5	0 41	18 36	1 25	16 58	17 1	19 0	13 39	0 41
T 9	17 11	8 17	2 55	23 2	2 35	11 0	1 28	19 9	0 33	3 44	1 28	19 49	0 28	20 22	0 29	4 4	0 41	18 36	1 25	16 58	17 0	19 0	13 40	0 41
W10	17 27	12 39	1 41	22 53	2 27	11 26	1 27	19 7	0 31	3 42	1 28	19 49	0 27	20 22	0 29	4 3	0 41	18 36	1 24	16 58	16 59	19 1	13 41	0 41
T 11	17 43	16 17	0 19	22 42	2 18	11 51	1 26	19 4	0 28	3 40	1 28	19 49	0 27	20 22	0 29	4 3	0 41	18 36	1 24	16 58	16 58	19 1	13 42	0 41
F 12	17 58	18 49	1s 5	22 28	2 7	12 16	1 25	19 2	0 26	3 38	1 27	19 49	0 27	20 22	0 29	4 2	0 41	18 36	1 24	16 58	16 57	19 2	13 43	0 41
S 13	18 14	20 0	2 24	22 12	1 55	12 41	1 24	18 59	0 24	3 37	1 27	19 49	0 27	20 22	0 29	4 2	0 41	18 36	1 24	16 58	16 56	19 2	13 44	0 41
S 14	18 28	19 45	3 32	21 54	1 42	13 6	1 23	18 56	0 21	3 35	1 27	19 49	0 27	20 22	0 29	4 1	0 41	18 36	1 24	16 58	16 55	19 3	13 45	0 41
M15	18 43	18 9	4 25	21 34	1 28	13 30	1 22	18 54	0 19	3 34	1 27	19 49	0 27	20 22	0 29	4 1	0 42	18 36	1 24	16 58	16 54	19 3	13 46	0 41
T 16	18 57	15 27	5 0	21 12	1 13	13 54	1 21	18 51	0 16	3 32	1 27	19 49	0 27	20 22	0 29	4 1	0 42	18 36	1 24	16 58	16 53	19 4	13 47	0 41
W17	19 11	11 57	5 16	20 49	0 57	14 17	1 20	18 48	0 14	3 31	1 26	19 50	0 27	20 23	0 29	4 0	0 42	18 36	1 24	16 58	16 53	19 4	13 48	0 41
T 18	19 24	7 57	5 15	20 25	0 41	14 40	1 18	18 45	0 11	3 29	1 26	19 50	0 27	20 23	0 30	4 0	0 42	18 36	1 24	16 58	16 52	19 5	13 49	0 41
F 19	19 37	3 41	4 56	20 0	0 24	15 3	1 17	18 42	0 9	3 28	1 26	19 50	0 27	20 23	0 30	3 59	0 42	18 36	1 24	16 58	16 51	19 5	13 50	0 42
S 20	19 50	0s39	4 24	19 34	0 6	15 26	1 16	18 39	0 6	3 27	1 26	19 50	0 27	20 23	0 30	3 59	0 42	18 35	1 24	16 58	16 50	19 6	13 51	0 42
S 21	20 2	4 51	3 40	19 8	0s11	15 48	1 14	18 36	0 4	3 26	1 26	19 51	0 27	20 23	0 30	3 58	0 42	18 35	1 23	16 58	16 49	19 6	13 52	0 42
M22	20 14	8 47	2 47	18 42	0 29	16 9	1 13	18 33	0 1	3 25	1 25	19 51	0 27	20 24	0 30	3 58	0 42	18 35	1 23	16 58	16 48	19 7	13 53	0 42
T 23	20 26	12 20	1 47	18 17	0 46	16 31	1 11	18 30	0s 1	3 24	1 25	19 51	0 27	20 24	0 30	3 58	0 42	18 35	1 23	16 59	16 47	19 7	13 54	0 42
W24	20 37	15 20	0 43	17 53	1 3	16 51	1 10	18 27	0 4	3 23	1 25	19 52	0 27	20 24	0 30	3 57	0 42	18 35	1 23	16 59	16 46	19 8	13 55	0 42
T 25	20 48	17 42	0n22	17 29	1 20	17 12	1 8	18 24	0 7	3 22	1 25	19 52	0 27	20 24	0 30	3 57	0 42	18 35	1 23	16 59	16 45	19 8	13 56	0 42
F 26	20 59	19 17	1 26	17 7	1 36	17 32	1 6	18 21	0 9	3 21	1 25	19 52	0 27	20 24	0 30	3 57	0 42	18 35	1 23	16 59	16 44	19 9	13 57	0 42
S 27	21 9	20 2	2 27	16 46	1 51	17 51	1 5	18 18	0 12	3 21	1 24	19 53	0 27	20 25	0 30	3 56	0 42	18 35	1 23	16 58	16 44	19 9	13 58	0 42
S 28	21 19	19 54	3 21	16 27	2 5	18 10	1 3	18 15	0 14	3 20	1 24	19 53	0 27	20 25	0 30	3 56	0 42	18 35	1 23	16 58	16 43	19 10	13 59	0 42
M29	21 29	18 52	4 7	16 10	2 19	18 29	1 1	18 12	0 17	3 20	1 24	19 54	0 27	20 25	0 30	3 56	0 42	18 34	1 23	16 57	16 42	19 10	14 0	0 42
T 30	21 38	16 59	4 42	15 55	2 31	18 47	0 59	18 9	0 19	3 19	1 24	19 54	0 27	20 25	0 30	3 55	0 42	18 34	1 23	16 56	16 41	19 10	14 1	0 42
W31	21n46	14s19	5n 6	15n41	2s43	19n 4	0s57	18s 7	0s22	3s19	1n24	19s54	0n27	20s26	0s30	3s55	0s42	18n34	1s23	16s55	16s40	19s11	14n 2	0s43

Julian Day Number = 2877902.5, Delta T = 01h14m30s
Ecliptic obliquity = 23°17'12, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°05'16, Lahiri = 40°12'16

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ASTRODIENST EPHEMERIS for the year 3167
geocentric

JUNE 3167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 37 1	10♊44'06	15♒48	22°D37	1♊10	20°R12	11°R40	28°R24	0°R21	21♓43	0♌31	17°R21	16♏27	3♐ 3	10♉ 0	T 1
F 2	16 40 57	11°42'05	28°32	22♉38	2°24	19♏53	11♎39	28♑22	0♒20	21°43	0°32	17♏19	16°24	3°10	10° 3	F 2
S 3	16 44 54	12°40'02	11♓34	22°44	3°38	19°35	11°38	28°19	0°18	21°44	0°33	17°D18	16°21	3°17	10° 6	S 3
S 4	16 48 50	13°37'58	24°57	22°55	4°52	19°18	11°37	28°17	0°17	21°45	0°35	17°19	16°18	3°23	10°10	S 4
M 5	16 52 47	14°35'53	8♈45	23°10	6° 5	19° 1	11°36	28°14	0°16	21°46	0°36	17°20	16°15	3°30	10°13	M 5
T 6	16 56 43	15°33'46	22°56	23°30	7°19	18°45	11°36	28°12	0°14	21°46	0°37	17°21	16°11	3°37	10°16	T 6
W 7	17 0 40	16°31'39	7♉31	23°54	8°33	18°30	11°36	28° 9	0°13	21°47	0°38	17°22	16° 8	3°43	10°19	W 7
T 8	17 4 37	17°29'30	22°25	24°22	9°47	18°15	11°D35	28° 6	0°11	21°47	0°39	17°R23	16° 5	3°50	10°22	T 8
F 9	17 8 33	18°27'21	7♊32	24°55	11° 0	18° 1	11°35	28° 3	0° 9	21°48	0°40	17°21	16° 2	3°56	10°25	F 9
S 10	17 12 30	19°25'10	22°43	25°31	12°14	17°48	11°36	28° 1	0° 8	21°48	0°41	17°19	15°59	4° 3	10°28	S 10
S 11	17 16 26	20°22'57	7♋48	26°11	13°28	17°35	11°36	27°58	0° 6	21°49	0°43	17°15	15°55	4°10	10°31	S 11
M12	17 20 23	21°20'44	22°38	26°55	14°42	17°23	11°37	27°55	0° 5	21°49	0°44	17°10	15°52	4°16	10°33	M12
T 13	17 24 19	22°18'29	7♌ 6	27°43	15°56	17°12	11°38	27°51	0° 3	21°50	0°45	17° 5	15°49	4°23	10°36	T 13
W14	17 28 16	23°16'12	21° 7	28°34	17° 9	17° 2	11°38	27°48	0° 1	21°50	0°46	17° 1	15°46	4°30	10°39	W14
T 15	17 32 12	24°13'54	4♍39	29°29	18°23	16°53	11°40	27°45	29♑59	21°50	0°48	16°57	15°43	4°36	10°42	T 15
F 16	17 36 9	25°11'34	17°44	0♊27	19°37	16°44	11°41	27°42	29°57	21°51	0°49	16°56	15°40	4°43	10°45	F 16
S 17	17 40 6	26° 9'13	0♎25	1°28	20°51	16°37	11°42	27°38	29°56	21°51	0°50	16°D56	15°36	4°50	10°47	S 17
S 18	17 44 2	27° 6'50	12°46	2°32	22° 4	16°30	11°44	27°35	29°54	21°51	0°52	16°56	15°33	4°56	10°50	S 18
M19	17 47 59	28° 4'26	24°51	3°40	23°18	16°24	11°46	27°31	29°52	21°51	0°53	16°58	15°30	5° 3	10°53	M19
T 20	17 51 55	29° 2'01	6♏46	4°50	24°32	16°18	11°48	27°28	29°50	21°51	0°54	16°59	15°27	5°10	10°55	T 20
W21	17 55 52	29°59'34	18°35	6° 4	25°46	16°14	11°50	27°24	29°48	21°51	0°55	17°R 0	15°24	5°16	10°58	W21
T 22	17 59 48	0♋57'07	0♐22	7°20	26°59	16°10	11°53	27°20	29°46	21°52	0°57	16°59	15°21	5°23	11° 0	T 22
F 23	18 3 45	1°54'38	12°10	8°40	28°13	16° 8	11°55	27°17	29°44	21°52	0°58	16°56	15°17	5°30	11° 3	F 23
S 24	18 7 42	2°52'08	24° 3	10° 2	29°27	16° 6	11°58	27°13	29°42	21°R52	1° 0	16°51	15°14	5°36	11° 5	S 24
S 25	18 11 38	3°49'37	6♑ 2	11°27	0♋40	16° 4	12° 1	27° 9	29°40	21°52	1° 1	16°44	15°11	5°43	11° 8	S 25
M26	18 15 35	4°47'05	18° 9	12°55	1°54	16°D 4	12° 4	27° 5	29°38	21°52	1° 2	16°36	15° 8	5°50	11°10	M26
T 27	18 19 31	5°44'33	0♒25	14°25	3° 8	16° 4	12° 7	27° 1	29°35	21°52	1° 4	16°27	15° 5	5°56	11°13	T 27
W28	18 23 28	6°41'59	12°52	15°58	4°22	16° 5	12°10	26°57	29°33	21°51	1° 5	16°18	15° 1	6° 3	11°15	W28
T 29	18 27 24	7°39'25	25°30	17°34	5°35	16° 7	12°14	26°53	29°31	21°51	1° 7	16°10	14°58	6°10	11°17	T 29
F 30	18 31 21	8♋36'50	8♓22	19♊13	6♋49	16♏10	12♎18	26♑49	29♑29	21♓51	1♌ 8	16♏ 5	14♏55	6♐16	11♉20	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n55	10s59	5n15	15n30	2s53	19n22	0s55	18s 4	0s24	3s18	1n23	19s55	0n27	20s26	0s30	3s55	0s42	18n34	1s22	16s54	16s39	19s11	14n 3	0s43
F 2	22 3	7 4	5 9	15 22	3 3	19 38	0 53	18 1	0 27	3 18	1 23	19 55	0 27	20 26	0 30	3 54	0 42	18 34	1 22	16 54	16 38	19 12	14 4	0 43
S 3	22 10	2 45	4 47	15 15	3 11	19 54	0 51	17 59	0 29	3 18	1 23	19 56	0 27	20 27	0 30	3 54	0 42	18 34	1 22	16 53	16 37	19 12	14 5	0 43
S 4	22 17	1n50	4 10	15 10	3 19	20 10	0 49	17 57	0 31	3 18	1 23	19 56	0 26	20 27	0 30	3 54	0 42	18 34	1 22	16 54	16 36	19 13	14 6	0 43
M 5	22 24	6 28	3 17	15 8	3 25	20 25	0 47	17 54	0 34	3 18	1 22	19 57	0 26	20 27	0 30	3 54	0 42	18 33	1 22	16 54	16 35	19 13	14 6	0 43
T 6	22 31	10 53	2 10	15 8	3 31	20 39	0 45	17 52	0 36	3 18	1 22	19 58	0 26	20 28	0 30	3 54	0 42	18 33	1 22	16 54	16 35	19 13	14 7	0 43
W 7	22 37	14 47	0 54	15 9	3 35	20 53	0 43	17 50	0 38	3 18	1 22	19 58	0 26	20 28	0 30	3 53	0 42	18 33	1 22	16 55	16 34	19 14	14 8	0 43
T 8	22 42	17 49	0s28	15 13	3 38	21 6	0 41	17 48	0 41	3 18	1 22	19 59	0 26	20 28	0 30	3 53	0 42	18 33	1 22	16 55	16 33	19 14	14 9	0 43
F 9	22 47	19 39	1 48	15 18	3 41	21 19	0 39	17 47	0 43	3 18	1 21	19 59	0 26	20 29	0 30	3 53	0 42	18 33	1 22	16 54	16 32	19 15	14 10	0 43
S 10	22 52	20 4	3 2	15 25	3 43	21 31	0 37	17 45	0 45	3 19	1 21	20 0	0 26	20 29	0 30	3 53	0 42	18 33	1 22	16 54	16 31	19 15	14 11	0 43
S 11	22 56	19 2	4 2	15 33	3 43	21 42	0 34	17 44	0 47	3 19	1 21	20 1	0 26	20 29	0 30	3 53	0 42	18 32	1 22	16 52	16 30	19 15	14 11	0 44
M12	23 0	16 44	4 44	15 43	3 43	21 53	0 32	17 42	0 49	3 19	1 21	20 1	0 26	20 30	0 30	3 53	0 42	18 32	1 22	16 51	16 29	19 16	14 12	0 44
T 13	23 4	13 25	5 7	15 55	3 42	22 3	0 30	17 41	0 51	3 20	1 21	20 2	0 26	20 30	0 30	3 52	0 42	18 32	1 22	16 50	16 28	19 16	14 13	0 44
W14	23 7	9 27	5 11	16 8	3 41	22 13	0 28	17 40	0 54	3 21	1 20	20 3	0 26	20 31	0 30	3 52	0 42	18 32	1 21	16 48	16 27	19 17	14 14	0 44
T 15	23 10	5 7	4 57	16 21	3 38	22 22	0 25	17 40	0 56	3 21	1 20	20 3	0 26	20 31	0 30	3 52	0 43	18 32	1 21	16 48	16 26	19 17	14 15	0 44
F 16	23 12	0 42	4 28	16 37	3 35	22 30	0 23	17 39	0 58	3 22	1 20	20 4	0 26	20 31	0 30	3 52	0 43	18 31	1 21	16 47	16 25	19 17	14 15	0 44
S 17	23 14	3s38	3 47	16 53	3 31	22 38	0 21	17 39	0 59	3 23	1 20	20 5	0 26	20 32	0 30	3 52	0 43	18 31	1 21	16 47	16 25	19 18	14 16	0 44
S 18	23 15	7 42	2 56	17 9	3 27	22 45	0 18	17 39	1 1	3 24	1 19	20 5	0 26	20 32	0 30	3 52	0 43	18 31	1 21	16 47	16 24	19 18	14 17	0 44
M19	23 16	11 23	1 58	17 27	3 21	22 51	0 16	17 39	1 3	3 25	1 19	20 6	0 26	20 33	0 30	3 52	0 43	18 31	1 21	16 48	16 23	19 18	14 18	0 44
T 20	23 17	14 34	0 55	17 46	3 16	22 57	0 13	17 39	1 5	3 26	1 19	20 7	0 26	20 33	0 30	3 52	0 43	18 31	1 21	16 48	16 22	19 19	14 18	0 44
W21	23 17	17 6	0n 9	18 5	3 9	23 2	0 11	17 39	1 7	3 27	1 19	20 8	0 26	20 34	0 30	3 52	0 43	18 30	1 21	16 48	16 21	19 19	14 19	0 44
T 22	23 17	18 55	1 12	18 24	3 2	23 6	0 9	17 40	1 9	3 28	1 18	20 9	0 25	20 34	0 30	3 52	0 43	18 30	1 21	16 48	16 20	19 19	14 20	0 45
F 23	23 16	19 55	2 12	18 44	2 55	23 10	0 6	17 41	1 10	3 29	1 18	20 9	0 25	20 34	0 30	3 52	0 43	18 30	1 21	16 47	16 19	19 20	14 20	0 45
S 24	23 15	20 3	3 7	19 4	2 47	23 13	0 4	17 42	1 12	3 30	1 18	20 10	0 25	20 35	0 31	3 52	0 43	18 30	1 21	16 46	16 18	19 20	14 21	0 45
S 25	23 14	19 16	3 54	19 24	2 38	23 16	0 2	17 43	1 14	3 32	1 18	20 11	0 25	20 35	0 31	3 52	0 43	18 30	1 21	16 44	16 17	19 20	14 22	0 45
M26	23 12	17 36	4 30	19 44	2 29	23 17	0n 1	17 44	1 15	3 33	1 17	20 12	0 25	20 36	0 31	3 52	0 43	18 29	1 21	16 41	16 16	19 21	14 22	0 45
T 27	23 10	15 7	4 55	20 4	2 20	23 18	0 3	17 46	1 17	3 34	1 17	20 13	0 25	20 36	0 31	3 52	0 43	18 29	1 20	16 39	16 15	19 21	14 23	0 45
W28	23 7	11 56	5 6	20 24	2 10	23 19	0 6	17 48	1 18	3 36	1 17	20 13	0 25	20 37	0 31	3 52	0 43	18 29	1 20	16 36	16 14	19 21	14 24	0 45
T 29	23 4	8 10	5 3	20 43	2 0	23 18	0 8	17 50	1 20	3 38	1 17	20 14	0 25	20 37	0 31	3 52	0 43	18 29	1 20	16 34	16 13	19 22	14 24	0 45
F 30	23n 1	3s59	4n44	21n 2	1s50	23n17	0n10	17s52	1s21	3s39	1n17	20s15	0n25	20s38	0s31	3s52	0s43	18n28	1s20	16s33	16s13	19s22	14n25	0s45

Julian Day Number = 2877933.5, Delta T = 01h14m31s
Ecliptic obliquity = 23°17'11, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°05'20, Lahiri = 40°12'20

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3167
geocentric

JULY 3167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 35 17	9♋34'15	21♓28	20♊55	8♋ 3	16♏14	12♎22	26°R45	29°R27	21°R51	1♌ 9	16°R 1	14♏52	6♐23	11♑22	S 1
S 2	18 39 14	10°31'39	4♈50	22°39	9°17	16°18	12°26	26♑41	29♑24	21♓51	1°11	15°D59	14°49	6°30	11°24	S 2
M 3	18 43 11	11°29'03	18°31	24°25	10°30	16°23	12°30	26°37	29°22	21°50	1°12	15♏59	14°46	6°36	11°26	M 3
T 4	18 47 7	12°26'26	2♉30	26°15	11°44	16°28	12°34	26°33	29°20	21°50	1°14	16° 0	14°42	6°43	11°28	T 4
W 5	18 51 4	13°23'49	16°49	28° 7	12°58	16°35	12°39	26°28	29°17	21°50	1°15	16°R 1	14°39	6°49	11°30	W 5
T 6	18 55 0	14°21'12	1♊26	0♋ 1	14°12	16°42	12°43	26°24	29°15	21°49	1°17	16° 0	14°36	6°56	11°32	T 6
F 7	18 58 57	15°18'34	16°16	1°58	15°25	16°50	12°48	26°20	29°13	21°49	1°18	15°57	14°33	7° 3	11°34	F 7
S 8	19 2 53	16°15'56	1♋13	3°57	16°39	16°58	12°53	26°16	29°11	21°49	1°20	15°51	14°30	7° 9	11°36	S 8
S 9	19 6 50	17°13'18	16° 9	5°59	17°53	17° 7	12°58	26°11	29° 8	21°48	1°21	15°43	14°27	7°16	11°38	S 9
M10	19 10 46	18°10'39	0♌55	8° 2	19° 7	17°17	13° 4	26° 7	29° 6	21°48	1°23	15°34	14°23	7°23	11°40	M10
T 11	19 14 43	19° 7'59	15°22	10° 8	20°20	17°28	13° 9	26° 3	29° 3	21°47	1°24	15°25	14°20	7°29	11°42	T 11
W12	19 18 40	20° 5'19	29°26	12°14	21°34	17°39	13°15	25°58	29° 1	21°47	1°26	15°16	14°17	7°36	11°43	W12
T 13	19 22 36	21° 2'38	13♍ 2	14°23	22°48	17°51	13°20	25°54	28°59	21°46	1°27	15° 9	14°14	7°43	11°45	T 13
F 14	19 26 33	21°59'57	26°10	16°32	24° 2	18° 3	13°26	25°49	28°56	21°46	1°29	15° 3	14°11	7°49	11°47	F 14
S 15	19 30 29	22°57'15	8♎53	18°42	25°15	18°16	13°32	25°45	28°54	21°45	1°30	15° 1	14° 7	7°56	11°48	S 15
S 16	19 34 26	23°54'32	21°15	20°53	26°29	18°30	13°38	25°40	28°51	21°44	1°32	15°D 0	14° 4	8° 3	11°50	S 16
M17	19 38 22	24°51'48	3♏21	23° 5	27°43	18°44	13°45	25°36	28°49	21°44	1°33	15° 0	14° 1	8° 9	11°51	M17
T 18	19 42 19	25°49'05	15°15	25°16	28°57	18°59	13°51	25°32	28°47	21°43	1°35	15°R 0	13°58	8°16	11°53	T 18
W19	19 46 15	26°46'20	27° 4	27°27	0♌11	19°15	13°58	25°27	28°44	21°42	1°36	15° 0	13°55	8°23	11°54	W19
T 20	19 50 12	27°43'36	8♐51	29°38	1°24	19°31	14° 4	25°23	28°42	21°41	1°38	14°57	13°52	8°29	11°56	T 20
F 21	19 54 9	28°40'51	20°43	1♌47	2°38	19°48	14°11	25°18	28°39	21°41	1°40	14°52	13°48	8°36	11°57	F 21
S 22	19 58 5	29°38'05	2♑41	3°56	3°52	20° 5	14°18	25°14	28°37	21°40	1°41	14°45	13°45	8°43	11°58	S 22
S 23	20 2 2	0♌35'20	14°49	6° 4	5° 6	20°22	14°25	25° 9	28°34	21°39	1°43	14°35	13°42	8°49	11°59	S 23
M24	20 5 58	1°32'34	27° 9	8°10	6°19	20°41	14°32	25° 5	28°32	21°38	1°44	14°23	13°39	8°56	12° 1	M24
T 25	20 9 55	2°29'48	9♒40	10°15	7°33	20°59	14°40	25° 1	28°29	21°37	1°46	14°10	13°36	9° 3	12° 2	T 25
W26	20 13 51	3°27'03	22°24	12°18	8°47	21°18	14°47	24°56	28°27	21°36	1°47	13°58	13°33	9° 9	12° 3	W26
T 27	20 17 48	4°24'17	5♓20	14°20	10° 1	21°38	14°55	24°52	28°25	21°35	1°49	13°47	13°29	9°16	12° 4	T 27
F 28	20 21 44	5°21'31	18°28	16°20	11°15	21°58	15° 3	24°48	28°22	21°34	1°50	13°38	13°26	9°23	12° 5	F 28
S 29	20 25 41	6°18'46	1♈47	18°18	12°28	22°19	15°10	24°43	28°20	21°33	1°52	13°32	13°23	9°29	12° 6	S 29
S 30	20 29 38	7°16'01	15°18	20°14	13°42	22°40	15°18	24°39	28°17	21°32	1°53	13°29	13°20	9°36	12° 6	S 30
M31	20 33 34	8♌13'16	29♈ 0	22♌ 9	14♌56	23♏ 2	15♎26	24♑35	28♑15	21♓31	1♌55	13♏28	13♏17	9♐43	12♑ 7	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n57	0n29	4n11	21n20	1s39	23n15	0n13	17s54	1s23	3s41	1n16	20s16	0n25	20s38	0s31	3s52	0s43	18n28	1s20	16s32	16s12	19s22	14n25	0s45
S 2	22 52	5 1	3 23	21 37	1 28	23 13	0 15	17 57	1 24	3 43	1 16	20 17	0 25	20 39	0 31	3 53	0 43	18 28	1 20	16 31	16 11	19 23	14 26	0 46
M 3	22 48	9 24	2 22	21 53	1 17	23 10	0 17	17 59	1 25	3 44	1 16	20 18	0 25	20 39	0 31	3 53	0 43	18 28	1 20	16 31	16 10	19 23	14 26	0 46
T 4	22 43	13 23	1 12	22 8	1 6	23 6	0 20	18 2	1 27	3 46	1 16	20 18	0 25	20 40	0 31	3 53	0 43	18 27	1 20	16 31	16 9	19 23	14 27	0 46
W 5	22 37	16 41	0s 4	22 22	0 54	23 2	0 22	18 5	1 28	3 48	1 15	20 19	0 25	20 40	0 31	3 53	0 43	18 27	1 20	16 31	16 8	19 23	14 27	0 46
T 6	22 31	18 59	1 22	22 34	0 43	22 56	0 24	18 9	1 29	3 50	1 15	20 20	0 25	20 41	0 31	3 53	0 43	18 27	1 20	16 31	16 7	19 24	14 28	0 46
F 7	22 25	20 1	2 35	22 45	0 31	22 51	0 27	18 12	1 30	3 52	1 15	20 21	0 24	20 41	0 31	3 53	0 43	18 27	1 20	16 30	16 6	19 24	14 28	0 46
S 8	22 18	19 40	3 37	22 54	0 20	22 44	0 29	18 16	1 31	3 55	1 15	20 22	0 24	20 42	0 31	3 53	0 43	18 26	1 20	16 29	16 5	19 24	14 29	0 46
S 9	22 11	17 56	4 25	23 0	0 9	22 37	0 31	18 19	1 33	3 57	1 15	20 23	0 24	20 42	0 31	3 54	0 43	18 26	1 20	16 27	16 4	19 25	14 29	0 46
M10	22 4	15 2	4 54	23 5	0n 2	22 29	0 33	18 23	1 34	3 59	1 14	20 24	0 24	20 43	0 31	3 54	0 43	18 26	1 20	16 24	16 3	19 25	14 30	0 46
T 11	21 56	11 16	5 4	23 7	0 13	22 21	0 36	18 27	1 35	4 1	1 14	20 25	0 24	20 43	0 31	3 54	0 43	18 26	1 19	16 21	16 2	19 25	14 30	0 47
W12	21 48	6 59	4 55	23 7	0 24	22 11	0 38	18 31	1 36	4 4	1 14	20 26	0 24	20 44	0 31	3 54	0 43	18 25	1 19	16 19	16 1	19 25	14 31	0 47
T 13	21 39	2 29	4 29	23 5	0 34	22 2	0 40	18 36	1 37	4 6	1 14	20 26	0 24	20 44	0 31	3 55	0 43	18 25	1 19	16 16	16 0	19 26	14 31	0 47
F 14	21 30	2s 0	3 50	23 0	0 44	21 51	0 42	18 40	1 38	4 8	1 14	20 27	0 24	20 45	0 31	3 55	0 43	18 25	1 19	16 15	15 59	19 26	14 32	0 47
S 15	21 21	6 16	3 0	22 52	0 53	21 40	0 44	18 45	1 39	4 11	1 13	20 28	0 24	20 45	0 31	3 55	0 43	18 25	1 19	16 14	15 59	19 26	14 32	0 47
S 16	21 11	10 9	2 3	22 41	1 2	21 29	0 46	18 49	1 40	4 13	1 13	20 29	0 24	20 46	0 31	3 55	0 44	18 24	1 19	16 14	15 58	19 26	14 32	0 47
M17	21 1	13 31	1 2	22 28	1 10	21 16	0 48	18 54	1 41	4 16	1 13	20 30	0 24	20 46	0 31	3 56	0 44	18 24	1 19	16 14	15 57	19 27	14 33	0 47
T 18	20 51	16 17	0n 1	22 13	1 17	21 3	0 50	18 59	1 42	4 19	1 13	20 31	0 24	20 47	0 31	3 56	0 44	18 24	1 19	16 14	15 56	19 27	14 33	0 47
W19	20 40	18 20	1 4	21 54	1 24	20 50	0 52	19 4	1 42	4 21	1 13	20 32	0 23	20 47	0 31	3 56	0 44	18 23	1 19	16 14	15 55	19 27	14 33	0 47
T 20	20 29	19 36	2 3	21 33	1 29	20 36	0 54	19 9	1 43	4 24	1 12	20 33	0 23	20 48	0 31	3 57	0 44	18 23	1 19	16 13	15 54	19 27	14 34	0 48
F 21	20 18	20 1	2 58	21 10	1 35	20 21	0 56	19 15	1 44	4 27	1 12	20 34	0 23	20 48	0 31	3 57	0 44	18 23	1 19	16 12	15 53	19 28	14 34	0 48
S 22	20 6	19 31	3 45	20 45	1 39	20 6	0 58	19 20	1 45	4 30	1 12	20 34	0 23	20 49	0 31	3 57	0 44	18 23	1 19	16 10	15 52	19 28	14 34	0 48
S 23	19 54	18 8	4 22	20 18	1 43	19 50	0 59	19 25	1 46	4 33	1 12	20 35	0 23	20 49	0 31	3 58	0 44	18 22	1 19	16 7	15 51	19 28	14 34	0 48
M24	19 41	15 53	4 48	19 48	1 45	19 34	1 1	19 31	1 46	4 36	1 12	20 36	0 23	20 50	0 31	3 58	0 44	18 22	1 19	16 3	15 50	19 28	14 35	0 48
T 25	19 29	12 53	5 0	19 17	1 47	19 17	1 3	19 37	1 47	4 39	1 11	20 37	0 23	20 50	0 31	3 59	0 44	18 22	1 19	15 59	15 49	19 28	14 35	0 48
W26	19 16	9 15	4 58	18 44	1 49	18 59	1 4	19 42	1 48	4 42	1 11	20 38	0 23	20 51	0 31	3 59	0 44	18 21	1 19	15 56	15 48	19 29	14 35	0 48
T 27	19 2	5 9	4 40	18 10	1 49	18 41	1 6	19 48	1 49	4 45	1 11	20 39	0 23	20 51	0 31	3 59	0 44	18 21	1 19	15 52	15 47	19 29	14 35	0 48
F 28	18 49	0 44	4 8	17 35	1 49	18 23	1 8	19 54	1 49	4 48	1 11	20 40	0 23	20 52	0 31	4 0	0 44	18 21	1 18	15 50	15 46	19 29	14 36	0 48
S 29	18 35	3n47	3 21	16 58	1 48	18 4	1 9	20 0	1 50	4 51	1 11	20 40	0 23	20 52	0 31	4 0	0 44	18 21	1 18	15 48	15 45	19 29	14 36	0 49
S 30	18 20	8 11	2 23	16 20	1 47	17 44	1 11	20 6	1 50	4 54	1 10	20 41	0 22	20 53	0 31	4 1	0 44	18 20	1 18	15 47	15 44	19 29	14 36	0 49
M31	18n 6	12n14	1n16	15n42	1n45	17n24	1n12	20s12	1s51	4s58	1n10	20s42	0n22	20s53	0s31	4s 1	0s44	18n20	1s18	15s47	15s43	19s30	14n36	0s49

Julian Day Number = 2877963.5, Delta T = 01h14m32s
Ecliptic obliquity = 23°17'11, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°05'24, Lahiri = 40°12'25

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ASTRODIENST EPHEMERIS for the year 3167
geocentric

AUGUST 3167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 37 31	9♌10'32	12♉56	24♌ 1	16♌10	23♏24	15♎35	24°R31	28°R13	21°R30	1♌56	13°R27	13♏13	9♐49	12♉ 8	T 1
W 2	20 41 27	10° 7'49	27° 4	25°52	17°24	23°46	15°43	24♉26	28♉10	21♓29	1°58	13♏27	13°10	9°56	12° 9	W 2
T 3	20 45 24	11° 5'06	11♊23	27°40	18°37	24° 9	15°51	24°22	28° 8	21°28	1°59	13°25	13° 7	10° 3	12° 9	T 3
F 4	20 49 20	12° 2'24	25°53	29°27	19°51	24°32	16° 0	24°18	28° 6	21°27	2° 1	13°21	13° 4	10° 9	12°10	F 4
S 5	20 53 17	12°59'42	10♋28	1♍12	21° 5	24°56	16° 8	24°14	28° 3	21°25	2° 3	13°15	13° 1	10°16	12°11	S 5
S 6	20 57 13	13°57'01	25° 2	2°55	22°19	25°20	16°17	24°10	28° 1	21°24	2° 4	13° 5	12°58	10°23	12°11	S 6
M 7	21 1 10	14°54'20	9♌30	4°37	23°33	25°44	16°26	24° 6	27°59	21°23	2° 6	12°54	12°54	10°29	12°12	M 7
T 8	21 5 7	15°51'40	23°43	6°16	24°46	26° 9	16°35	24° 2	27°56	21°22	2° 7	12°43	12°51	10°36	12°12	T 8
W 9	21 9 3	16°48'59	7♍37	7°53	26° 0	26°35	16°44	23°58	27°54	21°20	2° 9	12°32	12°48	10°43	12°12	W 9
T 10	21 13 0	17°46'20	21° 7	9°29	27°14	27° 0	16°53	23°54	27°52	21°19	2°10	12°22	12°45	10°49	12°13	T 10
F 11	21 16 56	18°43'40	4♎14	11° 2	28°28	27°26	17° 2	23°50	27°50	21°18	2°12	12°15	12°42	10°56	12°13	F 11
S 12	21 20 53	19°41'01	16°56	12°34	29°42	27°53	17°12	23°47	27°47	21°17	2°13	12°11	12°39	11° 3	12°13	S 12
S 13	21 24 49	20°38'22	29°19	14° 4	0♍56	28°20	17°21	23°43	27°45	21°15	2°15	12° 9	12°35	11° 9	12°13	S 13
M14	21 28 46	21°35'43	11♏25	15°32	2°10	28°47	17°31	23°39	27°43	21°14	2°16	12°D 9	12°32	11°16	12°13	M14
T 15	21 32 42	22°33'05	23°21	16°58	3°23	29°14	17°41	23°36	27°41	21°12	2°17	12°R 9	12°29	11°22	12°R13	T 15
W16	21 36 39	23°30'28	5♐10	18°22	4°37	29°42	17°50	23°32	27°39	21°11	2°19	12° 8	12°26	11°29	12°13	W16
T 17	21 40 36	24°27'50	17° 0	19°44	5°51	0♐10	18° 0	23°29	27°37	21°10	2°20	12° 6	12°23	11°36	12°13	T 17
F 18	21 44 32	25°25'13	28°54	21° 4	7° 5	0°39	18°10	23°25	27°35	21° 8	2°22	12° 2	12°19	11°42	12°13	F 18
S 19	21 48 29	26°22'37	10♑58	22°22	8°19	1° 8	18°20	23°22	27°33	21° 7	2°23	11°55	12°16	11°49	12°13	S 19
S 20	21 52 25	27°20'01	23°14	23°38	9°32	1°37	18°30	23°19	27°31	21° 5	2°25	11°46	12°13	11°56	12°13	S 20
M21	21 56 22	28°17'26	5♒45	24°51	10°46	2° 6	18°40	23°15	27°29	21° 4	2°26	11°35	12°10	12° 2	12°13	M21
T 22	22 0 18	29°14'51	18°32	26° 3	12° 0	2°36	18°51	23°12	27°27	21° 2	2°27	11°23	12° 7	12° 9	12°12	T 22
W23	22 4 15	0♍12'18	1♓35	27°12	13°14	3° 6	19° 1	23° 9	27°25	21° 1	2°29	11°12	12° 4	12°16	12°12	W23
T 24	22 8 11	1° 9'45	14°52	28°18	14°28	3°36	19°11	23° 6	27°23	20°59	2°30	11° 1	12° 0	12°22	12°11	T 24
F 25	22 12 8	2° 7'13	28°22	29°22	15°42	4° 7	19°22	23° 3	27°21	20°58	2°32	10°53	11°57	12°29	12°11	F 25
S 26	22 16 5	3° 4'42	12♈ 3	0♎24	16°55	4°38	19°32	23° 0	27°19	20°56	2°33	10°47	11°54	12°36	12°10	S 26
S 27	22 20 1	4° 2'12	25°52	1°23	18° 9	5° 9	19°43	22°58	27°17	20°55	2°34	10°45	11°51	12°42	12°10	S 27
M28	22 23 58	4°59'43	9♉48	2°19	19°23	5°40	19°54	22°55	27°16	20°53	2°36	10°D44	11°48	12°49	12° 9	M28
T 29	22 27 54	5°57'16	23°50	3°12	20°37	6°12	20° 5	22°52	27°14	20°52	2°37	10°44	11°44	12°56	12° 8	T 29
W30	22 31 51	6°54'50	7♊56	4° 2	21°51	6°44	20°16	22°50	27°12	20°50	2°38	10°R44	11°41	13° 2	12° 8	W30
T 31	22 35 47	7♍52'26	22♊ 6	4♎48	23♍ 4	7♐16	20♎26	22♑47	27♑10	20♓48	2♌40	10♏43	11♏38	13♐ 9	12♉ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n51	15n40	0n 3	15n 2	1n42	17n 3	1n13	20s18	1s52	5s 1	1n10	20s43	0n22	20s54	0s31	4s 1	0s44	18n20	1s18	15s47	15s43	19s30	14n36	0s49
W 2	17 36	18 13	1s11	14 22	1 39	16 42	1 15	20 24	1 52	5 4	1 10	20 44	0 22	20 54	0 31	4 2	0 44	18 19	1 18	15 47	15 42	19 30	14 36	0 49
T 3	17 20	19 39	2 22	13 41	1 35	16 21	1 16	20 31	1 53	5 8	1 10	20 45	0 22	20 55	0 31	4 2	0 44	18 19	1 18	15 46	15 41	19 30	14 36	0 49
F 4	17 4	19 49	3 24	13 0	1 30	15 59	1 17	20 37	1 53	5 11	1 10	20 45	0 22	20 55	0 31	4 3	0 44	18 19	1 18	15 45	15 40	19 30	14 36	0 49
S 5	16 48	18 40	4 13	12 18	1 25	15 37	1 18	20 43	1 54	5 14	1 9	20 46	0 22	20 55	0 31	4 3	0 44	18 19	1 18	15 43	15 39	19 31	14 36	0 49
S 6	16 32	16 18	4 46	11 36	1 20	15 14	1 19	20 49	1 54	5 18	1 9	20 47	0 22	20 56	0 31	4 4	0 44	18 18	1 18	15 40	15 38	19 31	14 37	0 50
M 7	16 16	12 56	5 0	10 54	1 14	14 51	1 20	20 56	1 55	5 21	1 9	20 48	0 22	20 56	0 31	4 4	0 44	18 18	1 18	15 37	15 37	19 31	14 37	0 50
T 8	15 59	8 53	4 55	10 12	1 7	14 27	1 21	21 2	1 55	5 25	1 9	20 49	0 22	20 57	0 31	4 5	0 44	18 18	1 18	15 33	15 36	19 31	14 37	0 50
W 9	15 42	4 26	4 33	9 30	1 1	14 3	1 22	21 8	1 56	5 29	1 9	20 49	0 21	20 57	0 31	4 5	0 44	18 17	1 18	15 30	15 35	19 31	14 37	0 50
T 10	15 24	0s 7	3 55	8 47	0 53	13 39	1 23	21 15	1 56	5 32	1 9	20 50	0 21	20 58	0 31	4 6	0 44	18 17	1 18	15 27	15 34	19 31	14 37	0 50
F 11	15 7	4 31	3 6	8 5	0 46	13 14	1 24	21 21	1 57	5 36	1 8	20 51	0 21	20 58	0 31	4 6	0 44	18 17	1 18	15 25	15 33	19 31	14 36	0 50
S 12	14 49	8 36	2 9	7 23	0 38	12 49	1 24	21 28	1 57	5 40	1 8	20 52	0 21	20 59	0 31	4 7	0 44	18 17	1 18	15 24	15 32	19 32	14 36	0 50
S 13	14 31	12 13	1 8	6 41	0 30	12 24	1 25	21 34	1 57	5 43	1 8	20 52	0 21	20 59	0 31	4 8	0 44	18 16	1 18	15 23	15 31	19 32	14 36	0 50
M14	14 13	15 13	0 4	6 0	0 21	11 58	1 25	21 40	1 58	5 47	1 8	20 53	0 21	20 59	0 31	4 8	0 44	18 16	1 18	15 23	15 30	19 32	14 36	0 50
T 15	13 55	17 32	0n59	5 18	0 12	11 32	1 26	21 47	1 58	5 51	1 8	20 54	0 21	21 0	0 31	4 9	0 44	18 16	1 18	15 23	15 29	19 32	14 36	0 51
W16	13 36	19 4	1 59	4 37	0 3	11 6	1 26	21 53	1 58	5 55	1 8	20 55	0 21	21 0	0 31	4 9	0 44	18 16	1 17	15 23	15 28	19 32	14 36	0 51
T 17	13 17	19 46	2 54	3 57	0s 6	10 39	1 27	21 59	1 59	5 59	1 7	20 55	0 21	21 1	0 31	4 10	0 44	18 15	1 17	15 22	15 27	19 32	14 36	0 51
F 18	12 58	19 36	3 41	3 16	0 16	10 12	1 27	22 6	1 59	6 2	1 7	20 56	0 21	21 1	0 31	4 10	0 44	18 15	1 17	15 21	15 26	19 32	14 36	0 51
S 19	12 39	18 32	4 19	2 37	0 26	9 45	1 27	22 12	1 59	6 6	1 7	20 57	0 20	21 1	0 31	4 11	0 44	18 15	1 17	15 19	15 25	19 32	14 36	0 51
S 20	12 19	16 36	4 46	1 58	0 36	9 18	1 28	22 18	2 0	6 10	1 7	20 57	0 20	21 2	0 31	4 12	0 44	18 14	1 17	15 16	15 24	19 33	14 35	0 51
M21	12 0	13 51	5 0	1 19	0 46	8 50	1 28	22 24	2 0	6 14	1 7	20 58	0 20	21 2	0 31	4 12	0 44	18 14	1 17	15 13	15 23	19 33	14 35	0 51
T 22	11 40	10 25	4 59	0 42	0 57	8 22	1 28	22 31	2 0	6 18	1 7	20 58	0 20	21 3	0 31	4 13	0 44	18 14	1 17	15 9	15 22	19 33	14 35	0 51
W23	11 20	6 26	4 43	0 5	1 7	7 54	1 28	22 37	2 0	6 22	1 7	20 59	0 20	21 3	0 31	4 13	0 44	18 14	1 17	15 6	15 21	19 33	14 35	0 52
T 24	11 0	2 3	4 11	0s32	1 18	7 26	1 28	22 43	2 0	6 26	1 6	21 0	0 20	21 3	0 31	4 14	0 45	18 13	1 17	15 2	15 20	19 33	14 35	0 52
F 25	10 39	2n30	3 25	1 7	1 29	6 57	1 28	22 49	2 1	6 30	1 6	21 0	0 20	21 4	0 31	4 15	0 45	18 13	1 17	15 0	15 19	19 33	14 34	0 52
S 26	10 19	6 59	2 26	1 41	1 40	6 28	1 27	22 55	2 1	6 35	1 6	21 1	0 20	21 4	0 31	4 15	0 45	18 13	1 17	14 58	15 19	19 33	14 34	0 52
S 27	9 58	11 9	1 18	2 15	1 51	6 0	1 27	23 0	2 1	6 39	1 6	21 1	0 20	21 4	0 31	4 16	0 45	18 13	1 17	14 57	15 18	19 33	14 34	0 52
M28	9 37	14 44	0 5	2 47	2 2	5 30	1 27	23 6	2 1	6 43	1 6	21 2	0 20	21 5	0 31	4 16	0 45	18 12	1 17	14 57	15 17	19 33	14 33	0 52
T 29	9 16	17 29	1s 9	3 18	2 13	5 1	1 26	23 12	2 1	6 47	1 6	21 3	0 19	21 5	0 31	4 17	0 45	18 12	1 17	14 57	15 16	19 33	14 33	0 52
W30	8 55	19 11	2 20	3 48	2 24	4 32	1 26	23 18	2 2	6 51	1 6	21 3	0 19	21 5	0 31	4 18	0 45	18 12	1 17	14 57	15 15	19 33	14 33	0 52
T 31	8n34	19n41	3s22	4s16	2s35	4n 2	1n25	23s23	2s 2	6s55	1n 6	21s 4	0n19	21s 6	0s31	4s18	0s45	18n12	1s17	14s57	15s14	19s33	14n32	0s53

Julian Day Number = 2877994.5, Delta T = 01h14m32s
Ecliptic obliquity = 23°17'11, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°05'28, Lahiri = 40°12'29

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ASTRODIENST EPHEMERIS for the year 3167
geocentric

SEPTEMBER 3167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 39 44	8♍50'03	6♋19	5♎32	24♍18	7♐48	20♎38	22°R45	27°R 9	20°R47	2♌41	10°R41	11♏35	13♐16	12°R 6	F 1
S 2	22 43 40	9°47'41	20°31	6°11	25°32	8°21	20°49	22♑42	27♑ 7	20♓45	2°42	10♏36	11°32	13°22	12♉ 5	S 2
S 3	22 47 37	10°45'21	4♌40	6°47	26°46	8°54	21° 0	22°40	27° 6	20°44	2°43	10°28	11°29	13°29	12° 4	S 3
M 4	22 51 34	11°43'02	18°42	7°19	28° 0	9°27	21°11	22°38	27° 4	20°42	2°45	10°19	11°25	13°36	12° 3	M 4
T 5	22 55 30	12°40'45	2♍31	7°46	29°13	10° 1	21°22	22°36	27° 3	20°40	2°46	10°10	11°22	13°42	12° 2	T 5
W 6	22 59 27	13°38'28	16° 6	8° 9	0♎27	10°34	21°34	22°34	27° 1	20°39	2°47	10° 1	11°19	13°49	12° 1	W 6
T 7	23 3 23	14°36'13	29°21	8°28	1°41	11° 8	21°45	22°32	27° 0	20°37	2°48	9°53	11°16	13°56	12° 0	T 7
F 8	23 7 20	15°33'59	12♎17	8°41	2°55	11°42	21°57	22°30	26°59	20°36	2°50	9°47	11°13	14° 2	11°59	F 8
S 9	23 11 16	16°31'46	24°54	8°49	4° 9	12°17	22° 8	22°29	26°57	20°34	2°51	9°44	11°10	14° 9	11°57	S 9
S 10	23 15 13	17°29'34	7♏13	8°R52	5°22	12°51	22°20	22°27	26°56	20°32	2°52	9°D43	11° 6	14°16	11°56	S 10
M11	23 19 9	18°27'24	19°19	8°49	6°36	13°26	22°31	22°25	26°55	20°31	2°53	9°43	11° 3	14°22	11°55	M11
T 12	23 23 6	19°25'14	1♐14	8°40	7°50	14° 1	22°43	22°24	26°54	20°29	2°54	9°44	11° 0	14°29	11°53	T 12
W13	23 27 2	20°23'06	13° 4	8°26	9° 4	14°37	22°55	22°23	26°52	20°27	2°55	9°45	10°57	14°36	11°52	W13
T 14	23 30 59	21°20'59	24°55	8° 5	10°17	15°12	23° 7	22°21	26°51	20°26	2°56	9°R46	10°54	14°42	11°51	T 14
F 15	23 34 56	22°18'53	6♑50	7°39	11°31	15°48	23°19	22°20	26°50	20°24	2°58	9°44	10°50	14°49	11°49	F 15
S 16	23 38 52	23°16'49	18°56	7° 7	12°45	16°24	23°31	22°19	26°49	20°22	2°59	9°41	10°47	14°56	11°48	S 16
S 17	23 42 49	24°14'45	1♒16	6°29	13°59	17° 0	23°43	22°18	26°48	20°21	3° 0	9°36	10°44	15° 2	11°46	S 17
M18	23 46 45	25°12'43	13°54	5°46	15°12	17°36	23°55	22°17	26°47	20°19	3° 1	9°30	10°41	15° 9	11°44	M18
T 19	23 50 42	26°10'42	26°52	4°58	16°26	18°12	24° 7	22°17	26°47	20°17	3° 2	9°23	10°38	15°16	11°43	T 19
W20	23 54 38	27° 8'43	10♓ 9	4° 7	17°40	18°49	24°19	22°16	26°46	20°16	3° 3	9°15	10°35	15°22	11°41	W20
T 21	23 58 35	28° 6'45	23°46	3°12	18°53	19°26	24°31	22°15	26°45	20°14	3° 4	9° 9	10°31	15°29	11°39	T 21
F 22	0 2 31	29° 4'48	7♈40	2°15	20° 7	20° 3	24°43	22°15	26°44	20°13	3° 5	9° 4	10°28	15°36	11°37	F 22
S 23	0 6 28	0♎ 2'53	21°46	1°17	21°21	20°40	24°55	22°14	26°44	20°11	3° 6	9° 1	10°25	15°42	11°35	S 23
S 24	0 10 25	1° 1'00	6♉ 1	0°19	22°34	21°17	25° 8	22°14	26°43	20° 9	3° 6	9°D 0	10°22	15°49	11°33	S 24
M25	0 14 21	1°59'09	20°19	29♍23	23°48	21°55	25°20	22°14	26°42	20° 8	3° 7	9° 0	10°19	15°56	11°32	M25
T 26	0 18 18	2°57'20	4♊39	28°29	25° 2	22°33	25°32	22°14	26°42	20° 6	3° 8	9° 2	10°15	16° 2	11°30	T 26
W27	0 22 14	3°55'32	18°55	27°40	26°15	23°10	25°45	22°D14	26°41	20° 5	3° 9	9° 3	10°12	16° 9	11°28	W27
T 28	0 26 11	4°53'47	3♋ 7	26°55	27°29	23°48	25°57	22°14	26°41	20° 3	3°10	9°R 4	10° 9	16°16	11°26	T 28
F 29	0 30 7	5°52'04	17°12	26°17	28°42	24°27	26°10	22°14	26°41	20° 1	3°11	9° 3	10° 6	16°22	11°23	F 29
S 30	0 34 4	6♎50'23	1♌ 9	25♍46	29♎56	25♐ 5	26♎22	22♑14	26♑40	20♓ 0	3♌12	9♏ 1	10♏ 3	16♐29	11♉21	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n12	18n56	4s12	4s43	2s46	3n33	1n25	23s29	2s 2	7s 0	1n 5	21s 4	0n19	21s 6	0s31	4s19	0s45	18n11	1s17	14s56	15s13	19s34	14n32	0s53
S 2	7 51	17 1	4 46	5 9	2 57	3 3	1 24	23 34	2 2	7 4	1 5	21 5	0 19	21 6	0 31	4 20	0 45	18 11	1 17	14 54	15 12	19 34	14 32	0 53
S 3	7 29	14 4	5 3	5 33	3 7	2 33	1 23	23 39	2 2	7 8	1 5	21 5	0 19	21 7	0 31	4 20	0 45	18 11	1 17	14 52	15 11	19 34	14 31	0 53
M 4	7 7	10 20	5 1	5 55	3 17	2 3	1 22	23 44	2 2	7 12	1 5	21 5	0 19	21 7	0 31	4 21	0 45	18 11	1 17	14 49	15 10	19 34	14 31	0 53
T 5	6 46	6 7	4 42	6 15	3 27	1 33	1 21	23 49	2 2	7 17	1 5	21 6	0 19	21 7	0 31	4 22	0 45	18 10	1 17	14 46	15 9	19 34	14 30	0 53
W 6	6 24	1 39	4 7	6 32	3 37	1 3	1 21	23 54	2 2	7 21	1 5	21 6	0 19	21 7	0 31	4 22	0 45	18 10	1 17	14 43	15 8	19 34	14 30	0 53
T 7	6 1	2s48	3 19	6 48	3 46	0 33	1 20	23 59	2 2	7 25	1 5	21 7	0 18	21 8	0 31	4 23	0 45	18 10	1 17	14 41	15 7	19 34	14 30	0 53
F 8	5 39	7 0	2 22	7 1	3 55	0 3	1 18	24 4	2 2	7 30	1 5	21 7	0 18	21 8	0 31	4 23	0 45	18 10	1 17	14 39	15 6	19 34	14 29	0 53
S 9	5 17	10 48	1 19	7 12	4 3	0s27	1 17	24 9	2 2	7 34	1 5	21 8	0 18	21 8	0 31	4 24	0 45	18 9	1 16	14 38	15 5	19 34	14 29	0 54
S 10	4 55	14 3	0 13	7 20	4 10	0 57	1 16	24 13	2 2	7 38	1 4	21 8	0 18	21 8	0 31	4 25	0 45	18 9	1 16	14 38	15 4	19 34	14 28	0 54
M11	4 32	16 37	0n52	7 25	4 17	1 28	1 15	24 18	2 2	7 43	1 4	21 8	0 18	21 9	0 31	4 25	0 45	18 9	1 16	14 38	15 3	19 34	14 28	0 54
T 12	4 10	18 25	1 54	7 27	4 23	1 58	1 13	24 22	2 2	7 47	1 4	21 9	0 18	21 9	0 31	4 26	0 45	18 9	1 16	14 38	15 2	19 34	14 27	0 54
W13	3 47	19 24	2 50	7 25	4 27	2 28	1 12	24 26	2 2	7 52	1 4	21 9	0 18	21 9	0 31	4 27	0 45	18 8	1 16	14 39	15 1	19 34	14 26	0 54
T 14	3 25	19 32	3 40	7 20	4 31	2 58	1 11	24 30	2 2	7 56	1 4	21 9	0 18	21 9	0 31	4 27	0 45	18 8	1 16	14 39	15 0	19 34	14 26	0 54
F 15	3 2	18 47	4 20	7 12	4 33	3 28	1 9	24 34	2 2	8 0	1 4	21 10	0 18	21 9	0 31	4 28	0 45	18 8	1 16	14 38	14 59	19 34	14 25	0 54
S 16	2 39	17 11	4 49	7 0	4 34	3 58	1 8	24 37	2 2	8 5	1 4	21 10	0 17	21 10	0 31	4 29	0 45	18 8	1 16	14 37	14 58	19 34	14 25	0 54
S 17	2 16	14 46	5 6	6 44	4 33	4 28	1 6	24 41	2 2	8 9	1 4	21 10	0 17	21 10	0 31	4 29	0 45	18 8	1 16	14 36	14 57	19 34	14 24	0 54
M18	1 53	11 38	5 8	6 25	4 30	4 58	1 4	24 44	2 2	8 14	1 4	21 10	0 17	21 10	0 31	4 30	0 45	18 7	1 16	14 34	14 56	19 34	14 24	0 55
T 19	1 31	7 51	4 55	6 2	4 26	5 28	1 2	24 48	2 2	8 18	1 4	21 11	0 17	21 10	0 31	4 31	0 45	18 7	1 16	14 32	14 55	19 34	14 23	0 55
W20	1 8	3 36	4 26	5 36	4 19	5 57	1 1	24 51	2 2	8 23	1 4	21 11	0 17	21 10	0 31	4 31	0 45	18 7	1 16	14 29	14 54	19 34	14 22	0 55
T 21	0 45	0n56	3 41	5 7	4 11	6 27	0 59	24 54	2 2	8 27	1 4	21 11	0 17	21 10	0 31	4 32	0 45	18 7	1 16	14 27	14 53	19 34	14 22	0 55
F 22	0 22	5 30	2 42	4 35	4 1	6 56	0 57	24 56	2 2	8 32	1 3	21 11	0 17	21 10	0 31	4 33	0 45	18 7	1 16	14 26	14 52	19 34	14 21	0 55
S 23	0s 1	9 52	1 32	4 1	3 49	7 25	0 55	24 59	2 2	8 36	1 3	21 11	0 17	21 11	0 31	4 33	0 45	18 7	1 16	14 25	14 51	19 34	14 20	0 55
S 24	0 24	13 42	0 16	3 25	3 35	7 55	0 53	25 1	2 2	8 41	1 3	21 11	0 17	21 11	0 30	4 34	0 45	18 6	1 16	14 24	14 50	19 34	14 20	0 55
M25	0 47	16 44	1s 1	2 49	3 20	8 24	0 51	25 4	2 1	8 45	1 3	21 12	0 17	21 11	0 30	4 34	0 45	18 6	1 16	14 24	14 49	19 34	14 19	0 55
T 26	1 10	18 43	2 15	2 13	3 3	8 52	0 49	25 6	2 1	8 50	1 3	21 12	0 16	21 11	0 30	4 35	0 45	18 6	1 16	14 25	14 48	19 34	14 18	0 55
W27	1 33	19 30	3 21	1 37	2 46	9 21	0 46	25 8	2 1	8 54	1 3	21 12	0 16	21 11	0 30	4 36	0 45	18 6	1 16	14 25	14 47	19 34	14 17	0 56
T 28	1 56	19 2	4 13	1 2	2 27	9 49	0 44	25 9	2 1	8 59	1 3	21 12	0 16	21 11	0 30	4 36	0 45	18 6	1 16	14 26	14 46	19 34	14 17	0 56
F 29	2 19	17 23	4 50	0 29	2 8	10 18	0 42	25 11	2 1	9 4	1 3	21 12	0 16	21 11	0 30	4 37	0 45	18 6	1 16	14 25	14 45	19 34	14 16	0 56
S 30	2s42	14n44	5s10	0n 1	1s48	10s45	0n40	25s12	2s 1	9s 8	1n 3	21s12	0n16	21s11	0s30	4s38	0s45	18n 5	1s16	14s25	14s44	19s34	14n15	0s56

Julian Day Number = 2878025.5, Delta T = 01h14m33s
Ecliptic obliquity = 23°17'11, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°05'33, Lahiri = 40°12'33

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ASTRODIENST EPHEMERIS for the year 3167
geocentric

OCTOBER 3167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 38 0	7♎48'43	14♌56	25°R24	1♏10	25♐44	26♎35	22♑15	26°R40	19°R58	3♌12	8°R58	10♏ 0	16♐36	11°R19	S 1
M 2	0 41 57	8°47'06	28°32	25♍10	2°23	26°22	26°47	22°15	26♑40	19♓57	3°13	8♏54	9°56	16°42	11♉17	M 2
T 3	0 45 54	9°45'31	11♍56	25°D 5	3°37	27° 1	27° 0	22°16	26°40	19°55	3°14	8°49	9°53	16°49	11°15	T 3
W 4	0 49 50	10°43'57	25° 5	25° 9	4°50	27°40	27°13	22°16	26°39	19°54	3°15	8°45	9°50	16°56	11°13	W 4
T 5	0 53 47	11°42'26	8♎ 0	25°23	6° 4	28°19	27°25	22°17	26°39	19°52	3°15	8°41	9°47	17° 3	11°10	T 5
F 6	0 57 43	12°40'56	20°40	25°46	7°17	28°59	27°38	22°18	26°D39	19°51	3°16	8°38	9°44	17° 9	11° 8	F 6
S 7	1 1 40	13°39'28	3♏ 5	26°18	8°31	29°38	27°51	22°19	26°39	19°49	3°17	8°D37	9°41	17°16	11° 6	S 7
S 8	1 5 36	14°38'02	15°18	26°59	9°45	0♑18	28° 4	22°20	26°39	19°48	3°17	8°37	9°37	17°23	11° 3	S 8
M 9	1 9 33	15°36'37	27°19	27°49	10°58	0°58	28°16	22°21	26°40	19°46	3°18	8°38	9°34	17°29	11° 1	M 9
T 10	1 13 29	16°35'14	9♐12	28°46	12°12	1°37	28°29	22°23	26°40	19°45	3°19	8°40	9°31	17°36	10°58	T 10
W11	1 17 26	17°33'53	21° 2	29°51	13°25	2°18	28°42	22°24	26°40	19°43	3°19	8°41	9°28	17°43	10°56	W11
T 12	1 21 22	18°32'34	2♑52	1♎ 2	14°39	2°58	28°55	22°25	26°40	19°42	3°20	8°43	9°25	17°49	10°53	T 12
F 13	1 25 19	19°31'16	14°47	2°19	15°52	3°38	29° 8	22°27	26°41	19°41	3°20	8°R44	9°21	17°56	10°51	F 13
S 14	1 29 16	20°30'00	26°51	3°42	17° 5	4°19	29°20	22°29	26°41	19°39	3°21	8°44	9°18	18° 3	10°48	S 14
S 15	1 33 12	21°28'46	9♒10	5° 9	18°19	4°59	29°33	22°30	26°41	19°38	3°21	8°43	9°15	18° 9	10°46	S 15
M16	1 37 9	22°27'33	21°48	6°40	19°32	5°40	29°46	22°32	26°42	19°37	3°22	8°41	9°12	18°16	10°43	M16
T 17	1 41 5	23°26'22	4♓48	8°15	20°46	6°21	29°59	22°34	26°42	19°35	3°22	8°39	9° 9	18°23	10°41	T 17
W18	1 45 2	24°25'12	18°12	9°53	21°59	7° 2	0♏12	22°36	26°43	19°34	3°22	8°37	9° 6	18°29	10°38	W18
T 19	1 48 58	25°24'04	1♈59	11°33	23°12	7°43	0°25	22°38	26°44	19°33	3°23	8°35	9° 2	18°36	10°36	T 19
F 20	1 52 55	26°22'58	16° 9	13°15	24°26	8°24	0°38	22°41	26°44	19°32	3°23	8°34	8°59	18°43	10°33	F 20
S 21	1 56 51	27°21'54	0♉37	14°59	25°39	9° 6	0°51	22°43	26°45	19°30	3°24	8°33	8°56	18°49	10°30	S 21
S 22	2 0 48	28°20'53	15°17	16°43	26°53	9°47	1° 4	22°45	26°46	19°29	3°24	8°D33	8°53	18°56	10°28	S 22
M23	2 4 45	29°19'53	0♊ 3	18°29	28° 6	10°29	1°17	22°48	26°47	19°28	3°24	8°34	8°50	19° 3	10°25	M23
T 24	2 8 41	0♏18'55	14°48	20°15	29°19	11°10	1°30	22°50	26°48	19°27	3°24	8°35	8°47	19° 9	10°22	T 24
W25	2 12 38	1°18'00	29°25	22° 2	0♐32	11°52	1°43	22°53	26°49	19°26	3°25	8°35	8°43	19°16	10°19	W25
T 26	2 16 34	2°17'06	13♋50	23°48	1°46	12°34	1°56	22°56	26°50	19°25	3°25	8°36	8°40	19°23	10°17	T 26
F 27	2 20 31	3°16'15	27°59	25°35	2°59	13°16	2° 9	22°59	26°51	19°24	3°25	8°R36	8°37	19°29	10°14	F 27
S 28	2 24 27	4°15'27	11♌51	27°21	4°12	13°58	2°22	23° 2	26°52	19°22	3°25	8°36	8°34	19°36	10°11	S 28
S 29	2 28 24	5°14'40	25°26	29° 7	5°25	14°41	2°34	23° 5	26°53	19°21	3°25	8°36	8°31	19°43	10° 9	S 29
M30	2 32 20	6°13'56	8♍44	0♏53	6°39	15°23	2°47	23° 8	26°54	19°20	3°25	8°36	8°27	19°49	10° 6	M30
T 31	2 36 17	7♏13'14	21♍45	2♏38	7♐52	16♑ 5	3♏ 0	23♑11	26♑55	19♓19	3♌26	8♏35	8♏24	19♐56	10♉ 3	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 5	11n17	5s11	0n28	1s28	11s13	0n37	25s13	2s 0	9s13	1n 3	21s12	0n16	21s11	0s30	4s38	0s45	18n 5	1s16	14s24	14s43	19s33	14n15	0s56
M 2	3 28	7 18	4 55	0 52	1 8	11 41	0 35	25 14	2 0	9 17	1 3	21 12	0 16	21 11	0 30	4 39	0 45	18 5	1 16	14 22	14 42	19 33	14 14	0 56
T 3	3 51	3 0	4 22	1 11	0 49	12 8	0 32	25 15	2 0	9 22	1 3	21 12	0 16	21 11	0 30	4 39	0 45	18 5	1 16	14 21	14 41	19 33	14 13	0 56
W 4	4 13	1s23	3 37	1 27	0 30	12 35	0 30	25 16	2 0	9 26	1 3	21 12	0 16	21 11	0 30	4 40	0 45	18 5	1 16	14 19	14 40	19 33	14 12	0 56
T 5	4 36	5 37	2 40	1 38	0 13	13 2	0 27	25 16	2 0	9 31	1 3	21 12	0 15	21 11	0 30	4 41	0 45	18 5	1 16	14 18	14 39	19 33	14 11	0 56
F 6	4 59	9 31	1 37	1 44	0n 4	13 28	0 25	25 16	1 59	9 35	1 3	21 12	0 15	21 11	0 30	4 41	0 45	18 5	1 16	14 17	14 38	19 33	14 11	0 57
S 7	5 21	12 56	0 30	1 46	0 20	13 54	0 22	25 16	1 59	9 40	1 3	21 12	0 15	21 11	0 30	4 42	0 45	18 4	1 16	14 17	14 37	19 33	14 10	0 57
S 8	5 44	15 44	0n37	1 43	0 35	14 20	0 20	25 16	1 59	9 45	1 2	21 12	0 15	21 11	0 30	4 42	0 45	18 4	1 16	14 17	14 36	19 33	14 9	0 57
M 9	6 6	17 47	1 41	1 36	0 48	14 45	0 17	25 16	1 59	9 49	1 2	21 12	0 15	21 11	0 30	4 43	0 45	18 4	1 15	14 17	14 35	19 33	14 8	0 57
T 10	6 29	19 2	2 41	1 25	1 0	15 10	0 14	25 15	1 58	9 54	1 2	21 12	0 15	21 11	0 30	4 43	0 45	18 4	1 15	14 18	14 34	19 33	14 7	0 57
W11	6 51	19 26	3 33	1 9	1 11	15 35	0 12	25 14	1 58	9 58	1 2	21 12	0 15	21 11	0 30	4 44	0 45	18 4	1 15	14 18	14 33	19 33	14 6	0 57
T 12	7 13	18 59	4 17	0 50	1 21	15 59	0 9	25 13	1 58	10 3	1 2	21 12	0 15	21 11	0 30	4 44	0 45	18 4	1 15	14 19	14 32	19 33	14 6	0 57
F 13	7 35	17 41	4 49	0 27	1 29	16 23	0 6	25 12	1 57	10 7	1 2	21 11	0 15	21 11	0 30	4 45	0 45	18 4	1 15	14 19	14 31	19 32	14 5	0 57
S 14	7 57	15 35	5 9	0 1	1 36	16 47	0 3	25 10	1 57	10 12	1 2	21 11	0 15	21 11	0 30	4 46	0 45	18 4	1 15	14 19	14 30	19 32	14 4	0 57
S 15	8 19	12 45	5 16	0s28	1 42	17 10	0 1	25 8	1 57	10 16	1 2	21 11	0 14	21 11	0 30	4 46	0 45	18 4	1 15	14 19	14 29	19 32	14 3	0 57
M16	8 41	9 17	5 8	1 0	1 46	17 32	0s 2	25 6	1 56	10 21	1 2	21 11	0 14	21 10	0 30	4 47	0 45	18 4	1 15	14 18	14 28	19 32	14 2	0 58
T 17	9 3	5 16	4 44	1 34	1 50	17 55	0 5	25 4	1 56	10 25	1 2	21 11	0 14	21 10	0 30	4 47	0 45	18 3	1 15	14 18	14 27	19 32	14 1	0 58
W18	9 24	0 53	4 4	2 10	1 52	18 17	0 8	25 2	1 56	10 30	1 2	21 10	0 14	21 10	0 30	4 48	0 45	18 3	1 15	14 17	14 26	19 32	14 0	0 58
T 19	9 46	3n41	3 9	2 47	1 54	18 38	0 11	24 59	1 55	10 34	1 2	21 10	0 14	21 10	0 30	4 48	0 45	18 3	1 15	14 17	14 25	19 32	13 59	0 58
F 20	10 7	8 11	2 1	3 26	1 54	18 59	0 14	24 56	1 55	10 39	1 2	21 10	0 14	21 10	0 30	4 49	0 45	18 3	1 15	14 16	14 24	19 32	13 58	0 58
S 21	10 28	12 18	0 44	4 6	1 54	19 19	0 17	24 53	1 55	10 43	1 2	21 10	0 14	21 10	0 30	4 49	0 45	18 3	1 15	14 16	14 23	19 32	13 58	0 58
S 22	10 49	15 43	0s37	4 47	1 53	19 39	0 20	24 50	1 54	10 48	1 2	21 9	0 14	21 10	0 30	4 49	0 45	18 3	1 15	14 16	14 22	19 31	13 57	0 58
M23	11 10	18 8	1 57	5 29	1 52	19 58	0 22	24 46	1 54	10 52	1 2	21 9	0 14	21 9	0 30	4 50	0 45	18 3	1 15	14 16	14 21	19 31	13 56	0 58
T 24	11 31	19 19	3 8	6 11	1 49	20 17	0 25	24 42	1 53	10 57	1 2	21 9	0 14	21 9	0 30	4 50	0 45	18 3	1 15	14 16	14 20	19 31	13 55	0 58
W25	11 51	19 11	4 6	6 53	1 46	20 36	0 28	24 38	1 53	11 1	1 2	21 8	0 13	21 9	0 30	4 51	0 45	18 3	1 15	14 16	14 19	19 31	13 54	0 58
T 26	12 11	17 47	4 49	7 35	1 43	20 53	0 31	24 34	1 53	11 6	1 2	21 8	0 13	21 9	0 30	4 51	0 45	18 3	1 15	14 17	14 18	19 31	13 53	0 58
F 27	12 32	15 20	5 12	8 17	1 39	21 11	0 34	24 29	1 52	11 10	1 2	21 8	0 13	21 9	0 30	4 52	0 45	18 3	1 15	14 17	14 17	19 31	13 52	0 58
S 28	12 51	12 2	5 17	9 0	1 34	21 27	0 37	24 25	1 52	11 15	1 2	21 7	0 13	21 8	0 30	4 52	0 45	18 3	1 15	14 17	14 16	19 31	13 51	0 59
S 29	13 11	8 11	5 4	9 41	1 30	21 44	0 40	24 20	1 51	11 19	1 2	21 7	0 13	21 8	0 30	4 52	0 45	18 3	1 15	14 17	14 15	19 30	13 50	0 59
M30	13 31	4 0	4 35	10 23	1 25	21 59	0 43	24 14	1 51	11 23	1 2	21 6	0 13	21 8	0 30	4 53	0 45	18 3	1 15	14 17	14 14	19 30	13 49	0 59
T 31	13s50	0s18	3s52	11s 4	1n19	22s14	0s46	24s 9	1s50	11s28	1n 2	21s 6	0n13	21s 8	0s30	4s53	0s45	18n 3	1s15	14s16	14s13	19s30	13n48	0s59

Julian Day Number = 2878055.5, Delta T = 01h14m34s
Ecliptic obliquity = 23°17'11, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°05'37, Lahiri = 40°12'37

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ASTRODIENST EPHEMERIS for the year 3167
geocentric

NOVEMBER 3167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 40 14	8♏12'34	4♎32	4♏23	9♐ 5	16♑48	3♏13	23♑14	26♑57	19°R19	3♌26	8°D35	8♏21	20♐ 3	10°R 0	W 1
T 2	2 44 10	9°11'57	17° 6	6° 7	10°18	17°31	3°26	23°18	26°58	19♓18	3°26	8♏35	8°18	20° 9	9♉58	T 2
F 3	2 48 7	10°11'21	29°28	7°50	11°31	18°14	3°39	23°21	26°59	19°17	3°26	8°35	8°15	20°16	9°55	F 3
S 4	2 52 3	11°10'47	11♏40	9°33	12°45	18°56	3°52	23°25	27° 1	19°16	3°R26	8°R35	8°12	20°23	9°52	S 4
S 5	2 56 0	12°10'16	23°43	11°15	13°58	19°40	4° 5	23°28	27° 2	19°15	3°26	8°35	8° 8	20°29	9°49	S 5
M 6	2 59 56	13° 9'46	5♐39	12°57	15°11	20°23	4°18	23°32	27° 4	19°14	3°26	8°35	8° 5	20°36	9°47	M 6
T 7	3 3 53	14° 9'19	17°30	14°38	16°24	21° 6	4°31	23°36	27° 5	19°13	3°26	8°34	8° 2	20°43	9°44	T 7
W 8	3 7 49	15° 8'53	29°19	16°18	17°37	21°49	4°44	23°40	27° 7	19°13	3°26	8°33	7°59	20°50	9°41	W 8
T 9	3 11 46	16° 8'29	11♑ 8	17°58	18°50	22°33	4°57	23°44	27° 9	19°12	3°25	8°32	7°56	20°56	9°38	T 9
F 10	3 15 43	17° 8'06	23° 3	19°37	20° 3	23°16	5° 9	23°48	27°10	19°11	3°25	8°31	7°52	21° 3	9°36	F 10
S 11	3 19 39	18° 7'46	5♒ 5	21°16	21°16	24° 0	5°22	23°52	27°12	19°11	3°25	8°31	7°49	21°10	9°33	S 11
S 12	3 23 36	19° 7'27	17°21	22°54	22°29	24°43	5°35	23°56	27°14	19°10	3°25	8°D30	7°46	21°16	9°30	S 12
M13	3 27 32	20° 7'09	29°54	24°31	23°42	25°27	5°48	24° 0	27°16	19° 9	3°25	8°31	7°43	21°23	9°28	M13
T 14	3 31 29	21° 6'53	12♓48	26° 8	24°55	26°11	6° 1	24° 5	27°18	19° 9	3°24	8°31	7°40	21°30	9°25	T 14
W15	3 35 25	22° 6'39	26° 7	27°44	26° 8	26°55	6°13	24° 9	27°20	19° 8	3°24	8°32	7°37	21°36	9°22	W15
T 16	3 39 22	23° 6'27	9♈53	29°20	27°21	27°39	6°26	24°14	27°22	19° 8	3°24	8°33	7°33	21°43	9°19	T 16
F 17	3 43 18	24° 6'16	24° 5	0♐55	28°34	28°23	6°39	24°18	27°24	19° 7	3°24	8°34	7°30	21°50	9°17	F 17
S 18	3 47 15	25° 6'07	8♉42	2°30	29°47	29° 7	6°51	24°23	27°26	19° 7	3°23	8°R35	7°27	21°56	9°14	S 18
S 19	3 51 11	26° 6'00	23°38	4° 5	0♑59	29°51	7° 4	24°28	27°28	19° 6	3°23	8°34	7°24	22° 3	9°12	S 19
M20	3 55 8	27° 5'54	8♊45	5°38	2°12	0♒36	7°17	24°32	27°30	19° 6	3°23	8°33	7°21	22°10	9° 9	M20
T 21	3 59 5	28° 5'51	23°53	7°12	3°25	1°20	7°29	24°37	27°32	19° 6	3°22	8°31	7°18	22°16	9° 6	T 21
W22	4 3 1	29° 5'49	8♋55	8°45	4°38	2° 4	7°42	24°42	27°34	19° 5	3°22	8°28	7°14	22°23	9° 4	W22
T 23	4 6 58	0♐ 5'50	23°40	10°17	5°50	2°49	7°54	24°47	27°37	19° 5	3°21	8°25	7°11	22°30	9° 1	T 23
F 24	4 10 54	1° 5'53	8♌ 3	11°49	7° 3	3°34	8° 7	24°52	27°39	19° 5	3°21	8°23	7° 8	22°36	8°59	F 24
S 25	4 14 51	2° 5'57	22° 2	13°21	8°16	4°18	8°19	24°57	27°41	19° 5	3°20	8°22	7° 5	22°43	8°56	S 25
S 26	4 18 47	3° 6'04	5♍36	14°53	9°28	5° 3	8°31	25° 3	27°44	19° 4	3°20	8°D21	7° 2	22°50	8°54	S 26
M27	4 22 44	4° 6'12	18°47	16°24	10°41	5°48	8°44	25° 8	27°46	19° 4	3°19	8°22	6°58	22°56	8°51	M27
T 28	4 26 41	5° 6'23	1♎36	17°54	11°54	6°33	8°56	25°13	27°49	19° 4	3°19	8°23	6°55	23° 3	8°49	T 28
W29	4 30 37	6° 6'36	14° 8	19°25	13° 6	7°18	9° 8	25°18	27°51	19° 4	3°18	8°25	6°52	23°10	8°47	W29
T 30	4 34 34	7♐ 6'50	26♎27	20♐54	14♑19	8♒ 3	9♏20	25♑24	27♑54	19♓ 4	3♌18	8♏27	6♏49	23♐17	8♉44	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s 9	4s31	2s58	11s44	1n14	22s28	0s49	24s 3	1s50	11s32	1n 2	21s 5	0n13	21s 7	0s30	4s54	0s45	18n 3	1s15	14s16	14s12	19s30	13n47	0s59
T 2	14 28	8 28	1 57	12 24	1 8	22 42	0 51	23 57	1 49	11 37	1 2	21 5	0 13	21 7	0 30	4 54	0 45	18 3	1 15	14 16	14 11	19 30	13 46	0 59
F 3	14 47	12 0	0 50	13 4	1 2	22 55	0 54	23 51	1 49	11 41	1 2	21 4	0 13	21 7	0 30	4 54	0 45	18 3	1 15	14 16	14 10	19 29	13 46	0 59
S 4	15 5	14 58	0n17	13 42	0 56	23 8	0 57	23 45	1 48	11 45	1 2	21 4	0 12	21 6	0 30	4 55	0 45	18 3	1 15	14 16	14 9	19 29	13 45	0 59
S 5	15 23	17 14	1 23	14 20	0 49	23 19	1 0	23 38	1 48	11 50	1 2	21 3	0 12	21 6	0 30	4 55	0 45	18 3	1 15	14 16	14 8	19 29	13 44	0 59
M 6	15 41	18 44	2 25	14 57	0 43	23 30	1 3	23 31	1 47	11 54	1 2	21 3	0 12	21 6	0 30	4 55	0 45	18 3	1 15	14 16	14 7	19 29	13 43	0 59
T 7	15 59	19 23	3 20	15 33	0 36	23 41	1 6	23 24	1 47	11 58	1 2	21 2	0 12	21 6	0 30	4 55	0 45	18 3	1 15	14 16	14 6	19 29	13 42	0 59
W 8	16 17	19 11	4 6	16 8	0 29	23 51	1 8	23 17	1 46	12 2	1 2	21 2	0 12	21 5	0 30	4 56	0 45	18 3	1 15	14 16	14 5	19 29	13 41	0 59
T 9	16 34	18 9	4 42	16 43	0 23	24 0	1 11	23 9	1 46	12 7	1 2	21 1	0 12	21 5	0 30	4 56	0 45	18 3	1 15	14 16	14 4	19 28	13 40	0 59
F 10	16 51	16 18	5 6	17 16	0 16	24 8	1 14	23 2	1 45	12 11	1 2	21 1	0 12	21 5	0 30	4 56	0 45	18 3	1 15	14 15	14 3	19 28	13 39	1 0
S 11	17 7	13 45	5 17	17 49	0 9	24 16	1 16	22 54	1 45	12 15	1 2	21 0	0 12	21 4	0 30	4 57	0 45	18 3	1 15	14 15	14 2	19 28	13 38	1 0
S 12	17 24	10 33	5 13	18 21	0 2	24 23	1 19	22 45	1 44	12 19	1 2	20 59	0 12	21 4	0 30	4 57	0 45	18 4	1 14	14 15	14 1	19 28	13 37	1 0
M13	17 40	6 49	4 55	18 51	0s 5	24 30	1 22	22 37	1 44	12 24	1 2	20 59	0 12	21 3	0 30	4 57	0 45	18 4	1 14	14 15	14 0	19 27	13 36	1 0
T 14	17 55	2 40	4 22	19 21	0 12	24 35	1 24	22 28	1 43	12 28	1 2	20 58	0 12	21 3	0 30	4 57	0 45	18 4	1 14	14 15	13 59	19 27	13 35	1 0
W15	18 11	1n45	3 34	19 50	0 18	24 40	1 27	22 19	1 43	12 32	1 2	20 57	0 11	21 3	0 30	4 57	0 45	18 4	1 14	14 16	13 58	19 27	13 35	1 0
T 16	18 26	6 14	2 32	20 17	0 25	24 45	1 29	22 10	1 42	12 36	1 2	20 57	0 11	21 2	0 30	4 58	0 45	18 4	1 14	14 16	13 57	19 27	13 34	1 0
F 17	18 41	10 31	1 19	20 44	0 32	24 48	1 32	22 1	1 41	12 40	1 2	20 56	0 11	21 2	0 30	4 58	0 45	18 4	1 14	14 16	13 56	19 27	13 33	1 0
S 18	18 55	14 18	0s 1	21 10	0 39	24 51	1 34	21 51	1 41	12 44	1 2	20 55	0 11	21 1	0 29	4 58	0 45	18 4	1 14	14 16	13 55	19 26	13 32	1 0
S 19	19 9	17 14	1 22	21 34	0 45	24 53	1 36	21 41	1 40	12 48	1 2	20 55	0 11	21 1	0 29	4 58	0 45	18 4	1 14	14 16	13 54	19 26	13 31	1 0
M20	19 23	19 0	2 39	21 57	0 52	24 55	1 39	21 31	1 40	12 52	1 2	20 54	0 11	21 1	0 29	4 58	0 45	18 4	1 14	14 16	13 53	19 26	13 30	1 0
T 21	19 37	19 24	3 45	22 20	0 58	24 55	1 41	21 21	1 39	12 56	1 2	20 53	0 11	21 0	0 29	4 58	0 44	18 4	1 14	14 15	13 51	19 26	13 29	1 0
W22	19 50	18 25	4 34	22 41	1 4	24 55	1 43	21 10	1 38	13 0	1 2	20 52	0 11	21 0	0 29	4 58	0 44	18 5	1 14	14 14	13 50	19 25	13 28	1 0
T 23	20 2	16 13	5 5	23 1	1 11	24 54	1 45	20 59	1 38	13 4	1 2	20 51	0 11	20 59	0 29	4 59	0 44	18 5	1 14	14 13	13 49	19 25	13 27	1 0
F 24	20 15	13 3	5 15	23 20	1 17	24 53	1 47	20 49	1 37	13 8	1 3	20 51	0 11	20 59	0 29	4 59	0 44	18 5	1 14	14 13	13 48	19 25	13 27	1 0
S 25	20 27	9 14	5 6	23 37	1 22	24 51	1 49	20 37	1 36	13 12	1 3	20 50	0 11	20 58	0 29	4 59	0 44	18 5	1 14	14 12	13 47	19 25	13 26	1 0
S 26	20 39	5 3	4 40	23 54	1 28	24 48	1 51	20 26	1 36	13 16	1 3	20 49	0 10	20 58	0 29	4 59	0 44	18 5	1 14	14 12	13 46	19 24	13 25	1 1
M27	20 50	0 43	4 0	24 9	1 34	24 44	1 53	20 14	1 35	13 20	1 3	20 48	0 10	20 57	0 29	4 59	0 44	18 5	1 14	14 12	13 45	19 24	13 24	1 1
T 28	21 1	3s32	3 9	24 23	1 39	24 40	1 55	20 3	1 35	13 24	1 3	20 47	0 10	20 57	0 29	4 59	0 44	18 5	1 14	14 13	13 44	19 24	13 23	1 1
W29	21 11	7 32	2 10	24 36	1 44	24 35	1 56	19 51	1 34	13 27	1 3	20 46	0 10	20 56	0 29	4 59	0 44	18 6	1 14	14 13	13 43	19 23	13 23	1 1
T 30	21s22	11s 9	1s 6	24s48	1s49	24s29	1s58	19s38	1s33	13s31	1n 3	20s45	0n10	20s56	0s29	4s59	0s44	18n 6	1s14	14s14	13s42	19s23	13n22	1s 1

Julian Day Number = 2878086.5, Delta T = 01h14m34s
Ecliptic obliquity = 23°17'11, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°05'41, Lahiri = 40°12'42

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3167
geocentric

DECEMBER 3167 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 38 30	8♐ 7'07	8♏34	22♐24	15♑31	8♒48	9♏33	25♑29	27♑56	19°D 4	3°R17	8°R27	6♏46	23♐23	8°R42	F 1
S 2	4 42 27	9° 7'25	20°34	23°53	16°43	9°33	9°45	25°35	27°59	19♓ 4	3♌16	8♏26	6°43	23°30	8♉40	S 2
S 3	4 46 23	10° 7'45	2♐28	25°22	17°56	10°18	9°57	25°41	28° 2	19° 4	3°16	8°24	6°39	23°37	8°37	S 3
M 4	4 50 20	11° 8'07	14°20	26°50	19° 8	11° 3	10° 9	25°46	28° 4	19° 4	3°15	8°20	6°36	23°43	8°35	M 4
T 5	4 54 16	12° 8'31	26° 9	28°18	20°21	11°48	10°21	25°52	28° 7	19° 4	3°14	8°14	6°33	23°50	8°33	T 5
W 6	4 58 13	13° 8'55	7♑59	29°45	21°33	12°34	10°33	25°58	28°10	19° 4	3°13	8° 8	6°30	23°57	8°31	W 6
T 7	5 2 10	14° 9'22	19°52	1♑11	22°45	13°19	10°45	26° 4	28°13	19° 5	3°13	8° 1	6°27	24° 3	8°29	T 7
F 8	5 6 6	15° 9'50	1♒49	2°37	23°57	14° 5	10°56	26° 9	28°16	19° 5	3°12	7°54	6°24	24°10	8°27	F 8
S 9	5 10 3	16°10'19	13°53	4° 3	25° 9	14°50	11° 8	26°15	28°18	19° 5	3°11	7°49	6°20	24°17	8°25	S 9
S 10	5 13 59	17°10'49	26° 7	5°28	26°22	15°36	11°20	26°21	28°21	19° 5	3°10	7°45	6°17	24°23	8°23	S 10
M11	5 17 56	18°11'20	8♓36	6°51	27°34	16°21	11°31	26°27	28°24	19° 6	3°10	7°42	6°14	24°30	8°21	M11
T 12	5 21 52	19°11'53	21°23	8°14	28°46	17° 7	11°43	26°34	28°27	19° 6	3° 9	7°D42	6°11	24°37	8°19	T 12
W13	5 25 49	20°12'26	4♈33	9°36	29°57	17°53	11°54	26°40	28°30	19° 7	3° 8	7°43	6° 8	24°43	8°17	W13
T 14	5 29 45	21°13'01	18° 8	10°57	1♒ 9	18°39	12° 6	26°46	28°33	19° 7	3° 7	7°44	6° 4	24°50	8°15	T 14
F 15	5 33 42	22°13'37	2♉10	12°16	2°21	19°24	12°17	26°52	28°36	19° 7	3° 6	7°R45	6° 1	24°57	8°13	F 15
S 16	5 37 39	23°14'14	16°39	13°34	3°33	20°10	12°29	26°58	28°39	19° 8	3° 5	7°45	5°58	25° 4	8°11	S 16
S 17	5 41 35	24°14'52	1♊33	14°50	4°45	20°56	12°40	27° 5	28°42	19° 8	3° 4	7°43	5°55	25°10	8°10	S 17
M18	5 45 32	25°15'32	16°44	16° 3	5°56	21°42	12°51	27°11	28°46	19° 9	3° 3	7°38	5°52	25°17	8° 8	M18
T 19	5 49 28	26°16'12	2♋ 4	17°15	7° 8	22°28	13° 2	27°17	28°49	19°10	3° 2	7°32	5°49	25°24	8° 6	T 19
W20	5 53 25	27°16'54	17°21	18°24	8°19	23°14	13°13	27°24	28°52	19°10	3° 1	7°24	5°45	25°30	8° 5	W20
T 21	5 57 21	28°17'38	2♌24	19°29	9°31	24° 0	13°24	27°30	28°55	19°11	3° 0	7°16	5°42	25°37	8° 3	T 21
F 22	6 1 18	29°18'22	17° 4	20°32	10°42	24°46	13°35	27°37	28°58	19°12	2°59	7° 9	5°39	25°44	8° 2	F 22
S 23	6 5 14	0♑19'08	1♍16	21°30	11°53	25°32	13°45	27°43	29° 2	19°12	2°58	7° 3	5°36	25°50	8° 0	S 23
S 24	6 9 11	1°19'55	14°58	22°23	13° 4	26°18	13°56	27°50	29° 5	19°13	2°57	7° 0	5°33	25°57	7°59	S 24
M25	6 13 8	2°20'43	28°12	23°11	14°15	27° 4	14° 7	27°57	29° 8	19°14	2°56	6°D58	5°30	26° 4	7°58	M25
T 26	6 17 4	3°21'33	11♎ 0	23°53	15°26	27°51	14°17	28° 3	29°12	19°15	2°55	6°59	5°26	26°10	7°56	T 26
W27	6 21 1	4°22'25	23°27	24°29	16°37	28°37	14°28	28°10	29°15	19°16	2°54	6°59	5°23	26°17	7°55	W27
T 28	6 24 57	5°23'17	5♏38	24°57	17°48	29°23	14°38	28°17	29°18	19°17	2°53	7°R 0	5°20	26°24	7°54	T 28
F 29	6 28 54	6°24'11	17°38	25°16	18°59	0♓ 9	14°48	28°23	29°22	19°18	2°52	6°59	5°17	26°31	7°53	F 29
S 30	6 32 50	7°25'05	29°31	25°R26	20°10	0°56	14°58	28°30	29°25	19°18	2°51	6°57	5°14	26°37	7°52	S 30
S 31	6 36 47	8♑26'01	11♐20	25♑25	21♒20	1♓42	15♏ 9	28♑37	29♑28	19♓19	2♌50	6♏51	5♏10	26♐44	7♉50	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	21s31	14s16	0n 1	24s58	1s54	24s22	2s 0	19s26	1s33	13s35	1n 3	20s44	0n10	20s55	0s29	4s59	0s44	18n 6	1s14	14s14	13s41	19s23	13n21	1s 1	F 1
S 2	21 41	16 43	1 6	25 7	1 59	24 15	2 1	19 13	1 32	13 39	1 3	20 44	0 10	20 55	0 29	4 59	0 44	18 6	1 14	14 14	13 40	19 23	13 20	1 1	S 2
S 3	21 50	18 26	2 8	25 15	2 3	24 7	2 3	19 1	1 31	13 42	1 3	20 43	0 10	20 54	0 29	4 59	0 44	18 6	1 14	14 13	13 39	19 22	13 19	1 1	S 3
M 4	21 58	19 20	3 4	25 22	2 7	23 59	2 4	18 48	1 30	13 46	1 3	20 42	0 10	20 54	0 29	4 59	0 44	18 7	1 14	14 12	13 38	19 22	13 19	1 1	M 4
T 5	22 6	19 23	3 51	25 27	2 11	23 49	2 5	18 34	1 30	13 50	1 3	20 41	0 10	20 53	0 29	4 59	0 44	18 7	1 14	14 10	13 37	19 22	13 18	1 1	T 5
W 6	22 14	18 34	4 29	25 31	2 14	23 39	2 7	18 21	1 29	13 53	1 3	20 40	0 10	20 52	0 29	4 59	0 44	18 7	1 14	14 8	13 36	19 21	13 17	1 1	W 6
T 7	22 21	16 57	4 55	25 34	2 17	23 29	2 8	18 8	1 28	13 57	1 3	20 39	0 10	20 52	0 29	4 59	0 44	18 7	1 14	14 5	13 35	19 21	13 17	1 1	T 7
F 8	22 28	14 37	5 9	25 36	2 20	23 17	2 9	17 54	1 28	14 1	1 3	20 38	0 9	20 51	0 29	4 58	0 44	18 7	1 14	14 3	13 34	19 21	13 16	1 1	F 8
S 9	22 34	11 37	5 9	25 36	2 23	23 6	2 10	17 40	1 27	14 4	1 3	20 37	0 9	20 51	0 29	4 58	0 44	18 8	1 14	14 2	13 33	19 21	13 15	1 1	S 9
S 10	22 40	8 6	4 55	25 35	2 25	22 53	2 11	17 26	1 26	14 8	1 4	20 36	0 9	20 50	0 29	4 58	0 44	18 8	1 14	14 0	13 32	19 20	13 14	1 1	S 10
M11	22 46	4 10	4 27	25 33	2 26	22 40	2 11	17 12	1 25	14 11	1 4	20 35	0 9	20 50	0 29	4 58	0 44	18 8	1 13	14 0	13 31	19 20	13 14	1 1	M11
T 12	22 51	0n 3	3 45	25 29	2 27	22 26	2 12	16 57	1 25	14 14	1 4	20 33	0 9	20 49	0 29	4 58	0 44	18 8	1 13	13 59	13 30	19 20	13 13	1 1	T 12
W13	22 56	4 24	2 50	25 24	2 28	22 11	2 13	16 42	1 24	14 18	1 4	20 32	0 9	20 48	0 29	4 58	0 44	18 8	1 13	14 0	13 29	19 19	13 12	1 1	W13
T 14	23 0	8 40	1 44	25 18	2 28	21 56	2 13	16 28	1 23	14 21	1 4	20 31	0 9	20 48	0 29	4 57	0 44	18 9	1 13	14 0	13 28	19 19	13 12	1 1	T 14
F 15	23 4	12 37	0 30	25 11	2 28	21 41	2 14	16 13	1 22	14 25	1 4	20 30	0 9	20 47	0 29	4 57	0 44	18 9	1 13	14 0	13 27	19 19	13 11	1 1	F 15
S 16	23 7	15 56	0s48	25 3	2 27	21 24	2 14	15 58	1 22	14 28	1 4	20 29	0 9	20 46	0 29	4 57	0 44	18 9	1 13	14 0	13 26	19 18	13 11	1 1	S 16
S 17	23 10	18 18	2 5	24 53	2 26	21 8	2 14	15 42	1 21	14 31	1 4	20 28	0 9	20 46	0 29	4 57	0 44	18 9	1 13	14 0	13 25	19 18	13 10	1 1	S 17
M18	23 12	19 24	3 15	24 42	2 24	20 50	2 14	15 27	1 20	14 34	1 4	20 27	0 9	20 45	0 29	4 57	0 44	18 10	1 13	13 58	13 23	19 18	13 10	1 1	M18
T 19	23 14	19 6	4 11	24 31	2 21	20 32	2 14	15 11	1 19	14 38	1 4	20 26	0 9	20 45	0 29	4 56	0 44	18 10	1 13	13 56	13 22	19 17	13 9	1 1	T 19
W20	23 15	17 24	4 49	24 18	2 17	20 14	2 14	14 56	1 19	14 41	1 4	20 24	0 9	20 44	0 29	4 56	0 44	18 10	1 13	13 54	13 21	19 17	13 8	1 2	W20
T 21	23 17	14 32	5 6	24 4	2 13	19 55	2 14	14 40	1 18	14 44	1 5	20 23	0 8	20 43	0 29	4 56	0 44	18 10	1 13	13 51	13 20	19 16	13 8	1 2	T 21
F 22	23 17	10 49	5 2	23 50	2 7	19 35	2 14	14 24	1 17	14 47	1 5	20 22	0 8	20 43	0 29	4 56	0 44	18 11	1 13	13 49	13 19	19 16	13 7	1 2	F 22
S 23	23 17	6 35	4 40	23 35	2 1	19 15	2 13	14 8	1 16	14 50	1 5	20 21	0 8	20 42	0 29	4 55	0 44	18 11	1 13	13 47	13 18	19 16	13 7	1 2	S 23
S 24	23 17	2 9	4 2	23 19	1 54	18 55	2 13	13 51	1 16	14 53	1 5	20 20	0 8	20 41	0 29	4 55	0 44	18 11	1 13	13 46	13 17	19 15	13 6	1 2	S 24
M25	23 16	2s14	3 13	23 2	1 45	18 34	2 12	13 35	1 15	14 56	1 5	20 18	0 8	20 41	0 29	4 55	0 44	18 12	1 13	13 45	13 16	19 15	13 6	1 2	M25
T 26	23 15	6 24	2 15	22 46	1 36	18 12	2 12	13 18	1 14	14 59	1 5	20 17	0 8	20 40	0 29	4 54	0 44	18 12	1 13	13 45	13 15	19 15	13 6	1 2	T 26
W27	23 13	10 10	1 12	22 29	1 25	17 50	2 11	13 2	1 13	15 2	1 5	20 16	0 8	20 39	0 29	4 54	0 44	18 12	1 13	13 46	13 14	19 14	13 5	1 2	W27
T 28	23 11	13 26	0 7	22 12	1 13	17 28	2 10	12 45	1 12	15 5	1 5	20 15	0 8	20 38	0 29	4 54	0 44	18 12	1 13	13 46	13 13	19 14	13 5	1 2	T 28
F 29	23 8	16 5	0n57	21 56	1 0	17 5	2 9	12 28	1 12	15 8	1 5	20 13	0 8	20 38	0 29	4 53	0 44	18 13	1 13	13 46	13 12	19 14	13 4	1 2	F 29
S 30	23 5	18 0	1 57	21 40	0 46	16 41	2 8	12 11	1 11	15 11	1 5	20 12	0 8	20 37	0 29	4 53	0 44	18 13	1 13	13 45	13 11	19 13	13 4	1 2	S 30
S 31	23s 1	19s 9	2n53	21s24	0s30	16s18	2s 6	11s54	1s10	15s14	1n 6	20s11	0n 8	20s36	0s29	4s52	0s44	18n13	1s13	13s43	13s10	19s13	13n 4	1s 2	S 31

Julian Day Number = 2878116.5, Delta T = 01h14m35s
Ecliptic obliquity = 23°17'10, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°05'45, Lahiri = 40°12'46

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ASTRODIENST EPHEMERIS for the year 3168
geocentric

JANUARY 3168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 40 43	9♑26'58	23♐ 9	25°R14	22♒31	2♓28	15♏18	28♑44	29♑32	19♓21	2°R49	6°R43	5♏ 7	26♐51	7°R49	M 1
T 2	6 44 40	10°27'56	4♑59	24♑52	23°41	3°15	15°28	28°51	29°35	19°22	2♌47	6♏32	5° 4	26°57	7♉49	T 2
W 3	6 48 37	11°28'55	16°54	24°18	24°51	4° 1	15°38	28°57	29°39	19°23	2°46	6°20	5° 1	27° 4	7°48	W 3
T 4	6 52 33	12°29'54	28°52	23°32	26° 1	4°47	15°48	29° 4	29°42	19°24	2°45	6° 6	4°58	27°11	7°47	T 4
F 5	6 56 30	13°30'54	10♒57	22°36	27°11	5°34	15°57	29°11	29°46	19°25	2°44	5°53	4°55	27°17	7°46	F 5
S 6	7 0 26	14°31'55	23° 9	21°30	28°21	6°20	16° 7	29°18	29°49	19°26	2°43	5°42	4°51	27°24	7°45	S 6
S 7	7 4 23	15°32'55	5♓30	20°17	29°31	7° 7	16°16	29°25	29°53	19°27	2°42	5°33	4°48	27°31	7°45	S 7
M 8	7 8 19	16°33'57	18° 3	18°57	0♓41	7°53	16°25	29°32	29°56	19°29	2°40	5°26	4°45	27°37	7°44	M 8
T 9	7 12 16	17°34'58	0♈49	17°35	1°50	8°40	16°35	29°39	29°59	19°30	2°39	5°23	4°42	27°44	7°43	T 9
W10	7 16 12	18°36'00	13°53	16°12	3° 0	9°26	16°44	29°46	0♒ 3	19°31	2°38	5°D22	4°39	27°51	7°43	W10
T 11	7 20 9	19°37'02	27°18	14°52	4° 9	10°13	16°52	29°53	0° 7	19°32	2°37	5°22	4°36	27°58	7°42	T 11
F 12	7 24 6	20°38'05	11♉ 6	13°37	5°18	10°59	17° 1	0♒ 0	0°10	19°34	2°36	5°R22	4°32	28° 4	7°42	F 12
S 13	7 28 2	21°39'07	25°19	12°29	6°27	11°46	17°10	0° 7	0°14	19°35	2°34	5°21	4°29	28°11	7°42	S 13
S 14	7 31 59	22°40'10	9♊56	11°30	7°36	12°33	17°18	0°14	0°17	19°37	2°33	5°17	4°26	28°18	7°41	S 14
M15	7 35 55	23°41'13	24°54	10°40	8°44	13°19	17°27	0°21	0°21	19°38	2°32	5°10	4°23	28°24	7°41	M15
T 16	7 39 52	24°42'16	10♋ 4	10° 1	9°53	14° 6	17°35	0°28	0°25	19°40	2°31	5° 1	4°20	28°31	7°41	T 16
W17	7 43 48	25°43'19	25°17	9°33	11° 1	14°52	17°43	0°36	0°28	19°41	2°29	4°50	4°16	28°38	7°41	W17
T 18	7 47 45	26°44'23	10♌22	9°15	12° 9	15°39	17°51	0°43	0°32	19°43	2°28	4°38	4°13	28°44	7°41	T 18
F 19	7 51 42	27°45'27	25° 9	9°D 8	13°17	16°25	17°59	0°50	0°35	19°44	2°27	4°27	4°10	28°51	7°D41	F 19
S 20	7 55 38	28°46'31	9♍31	9° 9	14°24	17°12	18° 7	0°57	0°39	19°46	2°26	4°18	4° 7	28°58	7°41	S 20
S 21	7 59 35	29°47'35	23°23	9°20	15°32	17°58	18°15	1° 4	0°43	19°47	2°24	4°11	4° 4	29° 5	7°41	S 21
M22	8 3 31	0♒48'40	6♎44	9°38	16°39	18°45	18°22	1°11	0°46	19°49	2°23	4° 7	4° 1	29°11	7°41	M22
T 23	8 7 28	1°49'45	19°38	10° 4	17°46	19°32	18°30	1°18	0°50	19°51	2°22	4° 6	3°57	29°18	7°41	T 23
W24	8 11 24	2°50'50	2♏ 8	10°36	18°53	20°18	18°37	1°25	0°53	19°52	2°21	4° 6	3°54	29°25	7°42	W24
T 25	8 15 21	3°51'56	14°20	11°15	20° 0	21° 5	18°44	1°32	0°57	19°54	2°19	4° 5	3°51	29°31	7°42	T 25
F 26	8 19 17	4°53'02	26°19	11°58	21° 6	21°51	18°51	1°39	1° 1	19°56	2°18	4° 4	3°48	29°38	7°42	F 26
S 27	8 23 14	5°54'08	8♐10	12°47	22°12	22°38	18°58	1°46	1° 4	19°57	2°17	4° 1	3°45	29°45	7°43	S 27
S 28	8 27 11	6°55'15	19°58	13°39	23°18	23°24	19° 5	1°54	1° 8	19°59	2°15	3°55	3°42	29°51	7°43	S 28
M29	8 31 7	7°56'21	1♑47	14°36	24°24	24°11	19°11	2° 1	1°11	20° 1	2°14	3°46	3°38	29°58	7°44	M29
T 30	8 35 4	8°57'27	13°41	15°36	25°29	24°57	19°18	2° 8	1°15	20° 3	2°13	3°34	3°35	0♑ 5	7°44	T 30
W31	8 39 0	9♒58'34	25♑41	16♑38	26♓35	25♓44	19♏24	2♒15	1♒18	20♓ 5	2♌12	3♏20	3♏32	0♑12	7♉45	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	22s57	19s27	3n40	21s10	0s13	15s54	2s 5	11s36	1s 9	15s16	1n 6	20s10	0n 8	20s36	0s29	4s52	0s44	18n14	1s13	13s40	13s 9	19s12	13n 3	1s 2	
T 2	22 53	18 54	4 18	20 56	0n 5	15 29	2 4	11 19	1 8	15 19	1 6	20 8	0 8	20 35	0 29	4 52	0 44	18 14	1 13	13 37	13 8	19 12	13 3	1 2	
W 3	22 48	17 31	4 45	20 43	0 24	15 4	2 2	11 1	1 7	15 22	1 6	20 7	0 7	20 34	0 29	4 51	0 44	18 14	1 12	13 33	13 7	19 12	13 3	1 2	
T 4	22 42	15 22	5 0	20 32	0 44	14 39	2 0	10 44	1 7	15 24	1 6	20 6	0 7	20 33	0 29	4 51	0 44	18 15	1 12	13 28	13 6	19 11	13 2	1 2	
F 5	22 36	12 33	5 1	20 21	1 4	14 13	1 58	10 26	1 6	15 27	1 6	20 4	0 7	20 33	0 29	4 50	0 44	18 15	1 12	13 24	13 5	19 11	13 2	1 2	
S 6	22 30	9 10	4 48	20 12	1 23	13 47	1 56	10 8	1 5	15 30	1 6	20 3	0 7	20 32	0 29	4 50	0 44	18 15	1 12	13 20	13 3	19 10	13 2	1 2	
S 7	22 23	5 22	4 22	20 5	1 42	13 21	1 54	9 50	1 4	15 32	1 7	20 1	0 7	20 31	0 29	4 49	0 44	18 16	1 12	13 17	13 2	19 10	13 2	1 2	
M 8	22 16	1 16	3 43	19 58	2 0	12 55	1 52	9 32	1 3	15 35	1 7	20 0	0 7	20 30	0 29	4 49	0 44	18 16	1 12	13 15	13 1	19 10	13 1	1 2	
T 9	22 8	2n58	2 52	19 53	2 17	12 28	1 50	9 14	1 3	15 37	1 7	19 59	0 7	20 30	0 29	4 48	0 44	18 16	1 12	13 14	13 0	19 9	13 1	1 2	
W10	22 0	7 9	1 51	19 48	2 31	12 1	1 47	8 56	1 2	15 39	1 7	19 57	0 7	20 29	0 29	4 48	0 44	18 16	1 12	13 14	12 59	19 9	13 1	1 2	
T 11	21 52	11 7	0 43	19 45	2 43	11 33	1 45	8 38	1 1	15 42	1 7	19 56	0 7	20 28	0 29	4 47	0 44	18 17	1 12	13 14	12 58	19 8	13 1	1 2	
F 12	21 43	14 35	0s30	19 43	2 53	11 6	1 42	8 19	1 0	15 44	1 7	19 55	0 7	20 28	0 29	4 47	0 44	18 17	1 12	13 14	12 57	19 8	13 1	1 2	
S 13	21 33	17 18	1 44	19 43	3 0	10 38	1 39	8 1	0 59	15 46	1 7	19 53	0 7	20 27	0 29	4 46	0 44	18 17	1 12	13 13	12 56	19 7	13 1	1 2	
S 14	21 24	18 58	2 52	19 43	3 5	10 10	1 36	7 43	0 58	15 49	1 7	19 52	0 7	20 26	0 29	4 45	0 44	18 18	1 12	13 12	12 55	19 7	13 0	1 2	
M15	21 13	19 21	3 50	19 45	3 7	9 41	1 33	7 24	0 58	15 51	1 8	19 50	0 7	20 25	0 29	4 45	0 44	18 18	1 12	13 10	12 54	19 7	13 0	1 2	
T 16	21 3	18 22	4 33	19 47	3 8	9 13	1 30	7 6	0 57	15 53	1 8	19 49	0 7	20 24	0 29	4 44	0 44	18 18	1 12	13 7	12 53	19 6	13 0	1 2	
W17	20 52	16 5	4 56	19 51	3 6	8 44	1 27	6 47	0 56	15 55	1 8	19 47	0 6	20 24	0 29	4 44	0 44	18 19	1 12	13 3	12 52	19 6	13 0	1 2	
T 18	20 40	12 43	4 59	19 55	3 3	8 15	1 24	6 28	0 55	15 57	1 8	19 46	0 6	20 23	0 29	4 43	0 44	18 19	1 12	12 59	12 51	19 5	13 0	1 2	
F 19	20 29	8 38	4 41	20 1	2 58	7 46	1 20	6 9	0 54	15 59	1 8	19 44	0 6	20 22	0 29	4 43	0 44	18 19	1 12	12 55	12 50	19 5	13 0	1 2	
S 20	20 16	4 9	4 6	20 6	2 52	7 17	1 16	5 51	0 53	16 1	1 8	19 43	0 6	20 21	0 29	4 42	0 44	18 20	1 12	12 52	12 49	19 4	13 0	1 2	
S 21	20 4	0s25	3 17	20 12	2 46	6 47	1 13	5 32	0 52	16 3	1 9	19 42	0 6	20 21	0 29	4 41	0 44	18 20	1 11	12 50	12 48	19 4	13 0	1 2	
M22	19 51	4 48	2 19	20 19	2 38	6 18	1 9	5 13	0 52	16 5	1 9	19 40	0 6	20 20	0 29	4 41	0 44	18 21	1 11	12 49	12 46	19 3	13 0	1 2	
T 23	19 38	8 48	1 16	20 25	2 30	5 48	1 5	4 54	0 51	16 7	1 9	19 39	0 6	20 19	0 29	4 40	0 44	18 21	1 11	12 48	12 45	19 3	13 0	1 2	
W24	19 24	12 18	0 10	20 31	2 21	5 18	1 1	4 35	0 50	16 9	1 9	19 37	0 6	20 18	0 29	4 39	0 44	18 21	1 11	12 48	12 44	19 2	13 0	1 2	
T 25	19 10	15 11	0n54	20 37	2 12	4 48	0 56	4 16	0 49	16 11	1 9	19 36	0 6	20 18	0 29	4 39	0 44	18 22	1 11	12 48	12 43	19 2	13 0	1 2	
F 26	18 55	17 21	1 55	20 43	2 3	4 18	0 52	3 57	0 48	16 12	1 9	19 34	0 6	20 17	0 29	4 38	0 44	18 22	1 11	12 48	12 42	19 1	13 1	1 2	
S 27	18 41	18 44	2 50	20 48	1 54	3 48	0 47	3 38	0 47	16 14	1 10	19 33	0 6	20 16	0 29	4 37	0 44	18 22	1 11	12 47	12 41	19 1	13 1	1 2	
S 28	18 25	19 18	3 37	20 52	1 44	3 18	0 43	3 19	0 46	16 16	1 10	19 31	0 6	20 15	0 29	4 37	0 44	18 23	1 11	12 44	12 40	19 1	13 1	1 2	
M29	18 10	19 1	4 15	20 56	1 34	2 48	0 38	3 0	0 46	16 17	1 10	19 30	0 6	20 14	0 29	4 36	0 44	18 23	1 11	12 41	12 39	19 0	13 1	1 2	
T 30	17 54	17 55	4 42	20 59	1 25	2 18	0 33	2 41	0 45	16 19	1 10	19 28	0 6	20 14	0 29	4 35	0 44	18 23	1 11	12 37	12 38	19 0	13 1	1 2	
W31	17s38	16s 0	4n57	21s 1	1n15	1s47	0s28	2s21	0s44	16s20	1n10	19s27	0n 5	20s13	0s29	4s34	0s44	18n24	1s11	12s33	12s37	18s59	13n 1	1s 2	

Julian Day Number = 2878147.5, Delta T = 01h14m36s
Ecliptic obliquity = 23°17'09, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°05'50, Lahiri = 40°12'50

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ASTRODIENST EPHEMERIS for the year 3168
geocentric

FEBRUARY 3168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 42 57	10♒59'40	7♒49	17♑44	27♓39	26♓31	19♏30	2♒22	1♒22	20♓ 7	2°R10	3°R 5	3♏29	0♑18	7♉46	T 1
F 2	8 46 53	12° 0'45	20° 6	18°52	28°44	27°17	19°36	2°29	1°26	20° 8	2♌ 9	2♏50	3°26	0°25	7°47	F 2
S 3	8 50 50	13° 1'51	2♓32	20° 2	29°48	28° 4	19°42	2°36	1°29	20°10	2° 8	2°37	3°22	0°32	7°47	S 3
S 4	8 54 46	14° 2'55	15° 8	21°14	0♈52	28°50	19°48	2°43	1°33	20°12	2° 7	2°27	3°19	0°38	7°48	S 4
M 5	8 58 43	15° 4'00	27°54	22°28	1°56	29°37	19°53	2°50	1°36	20°14	2° 6	2°20	3°16	0°45	7°49	M 5
T 6	9 2 40	16° 5'03	10♈51	23°44	2°59	0♈23	19°58	2°57	1°40	20°16	2° 4	2°15	3°13	0°52	7°50	T 6
W 7	9 6 36	17° 6'06	24° 1	25° 1	4° 2	1°10	20° 4	3° 4	1°43	20°18	2° 3	2°14	3°10	0°58	7°51	W 7
T 8	9 10 33	18° 7'09	7♉26	26°20	5° 5	1°56	20° 9	3°11	1°47	20°20	2° 2	2°D13	3° 7	1° 5	7°52	T 8
F 9	9 14 29	19° 8'10	21° 8	27°39	6° 7	2°42	20°13	3°18	1°50	20°22	2° 1	2°R14	3° 3	1°12	7°54	F 9
S 10	9 18 26	20° 9'11	5♊ 8	29° 0	7° 9	3°29	20°18	3°25	1°54	20°24	1°59	2°13	3° 0	1°19	7°55	S 10
S 11	9 22 22	21°10'10	19°27	0♒22	8°11	4°15	20°23	3°32	1°57	20°26	1°58	2°10	2°57	1°25	7°56	S 11
M12	9 26 19	22°11'09	4♋ 1	1°45	9°12	5° 2	20°27	3°38	2° 1	20°28	1°57	2° 4	2°54	1°32	7°57	M12
T 13	9 30 15	23°12'07	18°48	3° 9	10°12	5°48	20°31	3°45	2° 4	20°30	1°56	1°56	2°51	1°39	7°59	T 13
W14	9 34 12	24°13'04	3♌39	4°34	11°13	6°34	20°35	3°52	2° 7	20°32	1°55	1°46	2°48	1°45	8° 0	W14
T 15	9 38 9	25°14'00	18°27	6° 0	12°12	7°21	20°39	3°59	2°11	20°34	1°54	1°35	2°44	1°52	8° 2	T 15
F 16	9 42 5	26°14'55	3♍ 3	7°27	13°12	8° 7	20°43	4° 6	2°14	20°36	1°52	1°25	2°41	1°59	8° 3	F 16
S 17	9 46 2	27°15'49	17°19	8°54	14°10	8°53	20°46	4°12	2°17	20°39	1°51	1°16	2°38	2° 5	8° 5	S 17
S 18	9 49 58	28°16'42	1♎11	10°23	15° 9	9°39	20°50	4°19	2°21	20°41	1°50	1°10	2°35	2°12	8° 6	S 18
M19	9 53 55	29°17'35	14°35	11°52	16° 7	10°25	20°53	4°26	2°24	20°43	1°49	1° 6	2°32	2°19	8° 8	M19
T 20	9 57 51	0♓18'27	27°34	13°22	17° 4	11°12	20°56	4°32	2°27	20°45	1°48	1°D 5	2°28	2°26	8°10	T 20
W21	10 1 48	1°19'19	10♏ 9	14°52	18° 1	11°58	20°58	4°39	2°31	20°47	1°47	1° 5	2°25	2°32	8°11	W21
T 22	10 5 44	2°20'09	22°26	16°24	18°57	12°44	21° 1	4°46	2°34	20°49	1°46	1° 6	2°22	2°39	8°13	T 22
F 23	10 9 41	3°20'59	4♐28	17°56	19°52	13°30	21° 4	4°52	2°37	20°52	1°45	1°R 7	2°19	2°46	8°15	F 23
S 24	10 13 37	4°21'49	16°21	19°29	20°47	14°16	21° 6	4°59	2°40	20°54	1°44	1° 6	2°16	2°52	8°17	S 24
S 25	10 17 34	5°22'37	28°11	21° 2	21°41	15° 2	21° 8	5° 5	2°44	20°56	1°43	1° 3	2°13	2°59	8°19	S 25
M26	10 21 31	6°23'25	10♑ 2	22°37	22°35	15°48	21°10	5°12	2°47	20°58	1°42	0°57	2° 9	3° 6	8°21	M26
T 27	10 25 27	7°24'11	21°59	24°12	23°28	16°34	21°11	5°18	2°50	21° 0	1°41	0°50	2° 6	3°12	8°23	T 27
W28	10 29 24	8°24'57	4♒ 4	25°48	24°20	17°20	21°13	5°24	2°53	21° 3	1°40	0°41	2° 3	3°19	8°25	W28
T 29	10 33 20	9♓25'42	16♒21	27♒25	25♈12	18♈ 6	21♏14	5♒31	2♒56	21♓ 5	1♌39	0♏31	2♏ 0	3♑26	8♉27	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17s22	13s23	4n59	21s 2	1n 5	1s17	0s23	2s 2	0s43	16s22	1n10	19s25	0n 5	20s12	0s29	4s34	0s44	18n24	1s11	12s28	12s36	18s59	13n 2	1s 2	T 1
F 2	17 5	10 9	4 46	21 3	0 56	0 47	0 18	1 43	0 42	16 23	1 11	19 24	0 5	20 11	0 29	4 33	0 44	18 24	1 11	12 23	12 35	18 58	13 2	1 2	F 2
S 3	16 48	6 27	4 21	21 2	0 47	0 16	0 13	1 24	0 41	16 25	1 11	19 22	0 5	20 11	0 29	4 32	0 44	18 25	1 11	12 18	12 34	18 58	13 2	1 2	S 3
S 4	16 30	2 25	3 42	21 0	0 37	0n14	0 7	1 5	0 40	16 26	1 11	19 21	0 5	20 10	0 29	4 31	0 43	18 25	1 11	12 15	12 33	18 57	13 2	1 2	S 4
M 5	16 13	1n47	2 51	20 58	0 28	0 44	0 2	0 46	0 40	16 27	1 11	19 19	0 5	20 9	0 29	4 31	0 43	18 25	1 11	12 12	12 31	18 57	13 3	1 2	M 5
T 6	15 55	5 58	1 51	20 54	0 19	1 14	0n 4	0 26	0 39	16 29	1 11	19 18	0 5	20 8	0 29	4 30	0 43	18 26	1 10	12 11	12 30	18 56	13 3	1 2	T 6
W 7	15 37	9 56	0 43	20 49	0 11	1 45	0 10	0 7	0 38	16 30	1 11	19 16	0 5	20 8	0 29	4 29	0 43	18 26	1 10	12 10	12 29	18 55	13 3	1 2	W 7
T 8	15 18	13 28	0s28	20 43	0 2	2 15	0 15	0n12	0 37	16 31	1 12	19 14	0 5	20 7	0 29	4 28	0 43	18 26	1 10	12 10	12 28	18 55	13 4	1 2	T 8
F 9	14 59	16 20	1 39	20 36	0s 6	2 45	0 21	0 31	0 36	16 32	1 12	19 13	0 5	20 6	0 29	4 28	0 43	18 27	1 10	12 10	12 27	18 54	13 4	1 3	F 9
S 10	14 40	18 19	2 45	20 28	0 14	3 15	0 28	0 50	0 35	16 33	1 12	19 11	0 5	20 5	0 29	4 27	0 43	18 27	1 10	12 10	12 26	18 54	13 4	1 3	S 10
S 11	14 21	19 10	3 43	20 18	0 22	3 44	0 34	1 9	0 34	16 34	1 12	19 10	0 5	20 5	0 29	4 26	0 43	18 27	1 10	12 9	12 25	18 53	13 5	1 3	S 11
M12	14 2	18 46	4 27	20 8	0 30	4 14	0 40	1 28	0 34	16 35	1 12	19 8	0 5	20 4	0 29	4 25	0 43	18 28	1 10	12 7	12 24	18 53	13 5	1 3	M12
T 13	13 42	17 7	4 55	19 56	0 37	4 44	0 47	1 47	0 33	16 36	1 13	19 7	0 5	20 3	0 29	4 24	0 43	18 28	1 10	12 4	12 23	18 52	13 6	1 3	T 13
W14	13 22	14 19	5 2	19 43	0 44	5 13	0 53	2 6	0 32	16 37	1 13	19 5	0 5	20 2	0 29	4 24	0 43	18 28	1 10	12 1	12 22	18 52	13 6	1 3	W14
T 15	13 2	10 36	4 50	19 29	0 51	5 43	1 0	2 25	0 31	16 38	1 13	19 4	0 4	20 2	0 29	4 23	0 43	18 29	1 10	11 57	12 21	18 51	13 6	1 3	T 15
F 16	12 41	6 18	4 18	19 14	0 58	6 12	1 6	2 44	0 30	16 38	1 13	19 2	0 4	20 1	0 29	4 22	0 43	18 29	1 10	11 54	12 20	18 51	13 7	1 3	F 16
S 17	12 21	1 44	3 31	18 57	1 5	6 41	1 13	3 3	0 29	16 39	1 13	19 1	0 4	20 0	0 29	4 21	0 43	18 29	1 10	11 51	12 19	18 50	13 7	1 3	S 17
S 18	12 0	2s48	2 32	18 40	1 11	7 10	1 20	3 22	0 29	16 40	1 14	18 59	0 4	19 59	0 29	4 20	0 43	18 30	1 10	11 48	12 17	18 50	13 8	1 3	S 18
M19	11 39	7 3	1 27	18 21	1 17	7 38	1 27	3 41	0 28	16 40	1 14	18 58	0 4	19 59	0 30	4 19	0 43	18 30	1 10	11 47	12 16	18 49	13 8	1 3	M19
T 20	11 18	10 50	0 19	18 1	1 22	8 7	1 34	3 59	0 27	16 41	1 14	18 56	0 4	19 58	0 30	4 19	0 43	18 30	1 9	11 47	12 15	18 48	13 9	1 3	T 20
W21	10 56	14 0	0n48	17 40	1 28	8 35	1 42	4 18	0 26	16 42	1 14	18 55	0 4	19 57	0 30	4 18	0 43	18 30	1 9	11 47	12 14	18 48	13 9	1 3	W21
T 22	10 35	16 27	1 52	17 18	1 33	9 3	1 49	4 37	0 25	16 42	1 14	18 53	0 4	19 56	0 30	4 17	0 43	18 31	1 9	11 47	12 13	18 47	13 10	1 3	T 22
F 23	10 13	18 8	2 49	16 54	1 37	9 31	1 56	4 55	0 24	16 42	1 15	18 52	0 4	19 56	0 30	4 16	0 43	18 31	1 9	11 47	12 12	18 47	13 11	1 3	F 23
S 24	9 51	18 59	3 38	16 30	1 42	9 59	2 4	5 14	0 24	16 43	1 15	18 50	0 4	19 55	0 30	4 15	0 43	18 31	1 9	11 47	12 11	18 46	13 11	1 3	S 24
S 25	9 29	18 59	4 17	16 4	1 46	10 26	2 11	5 32	0 23	16 43	1 15	18 49	0 4	19 54	0 30	4 14	0 43	18 32	1 9	11 46	12 10	18 46	13 12	1 3	S 25
M26	9 7	18 9	4 46	15 37	1 50	10 53	2 19	5 51	0 22	16 43	1 15	18 47	0 4	19 54	0 30	4 13	0 43	18 32	1 9	11 44	12 9	18 45	13 12	1 3	M26
T 27	8 44	16 32	5 2	15 9	1 53	11 20	2 27	6 9	0 21	16 44	1 15	18 46	0 4	19 53	0 30	4 13	0 43	18 32	1 9	11 41	12 8	18 44	13 13	1 3	T 27
W28	8 22	14 10	5 5	14 40	1 56	11 46	2 35	6 27	0 20	16 44	1 16	18 44	0 4	19 52	0 30	4 12	0 43	18 33	1 9	11 38	12 7	18 44	13 14	1 3	W28
T 29	7s59	11s 9	4n54	14s10	1s59	12n13	2n42	6n45	0s19	16s44	1n16	18s43	0n 3	19s52	0s30	4s11	0s43	18n33	1s 9	11s35	12s 5	18s43	13n14	1s 3	T 29

Julian Day Number = 2878178.5, Delta T = 01h14m36s
Ecliptic obliquity = 23°17'10, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°05'54, Lahiri = 40°12'54

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ASTRODIENST EPHEMERIS for the year 3168
geocentric

MARCH 3168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 37 17	10♓26'25	28♒50	29♒ 2	26♈ 2	18♈52	21♏15	5♒37	2♒59	21♓ 7	1°R38	0°R21	1♏57	3♑33	8♉29	F 1
S 2	10 41 13	11°27'08	11♓33	0♓41	26°52	19°38	21°16	5°43	3° 2	21° 9	1♌37	0♏12	1°53	3°39	8°32	S 2
S 3	10 45 10	12°27'48	24°28	2°20	27°41	20°24	21°17	5°49	3° 5	21°12	1°36	0° 5	1°50	3°46	8°34	S 3
M 4	10 49 6	13°28'28	7♈35	4° 0	28°30	21°10	21°18	5°55	3° 8	21°14	1°35	0° 0	1°47	3°53	8°36	M 4
T 5	10 53 3	14°29'06	20°54	5°41	29°17	21°55	21°18	6° 2	3°11	21°16	1°34	29♎58	1°44	3°59	8°39	T 5
W 6	10 57 0	15°29'43	4♉23	7°23	0♉ 4	22°41	21°R18	6° 8	3°14	21°18	1°33	29°D57	1°41	4° 6	8°41	W 6
T 7	11 0 56	16°30'18	18° 3	9° 5	0°49	23°27	21°18	6°14	3°17	21°21	1°32	29°58	1°38	4°13	8°43	T 7
F 8	11 4 53	17°30'51	1♊53	10°49	1°33	24°13	21°18	6°20	3°20	21°23	1°32	29°59	1°34	4°20	8°46	F 8
S 9	11 8 49	18°31'23	15°53	12°33	2°17	24°58	21°18	6°25	3°22	21°25	1°31	0°R 1	1°31	4°26	8°48	S 9
S 10	11 12 46	19°31'53	0♋ 2	14°19	2°59	25°44	21°17	6°31	3°25	21°28	1°30	0♏ 0	1°28	4°33	8°51	S 10
M11	11 16 42	20°32'21	14°19	16° 5	3°40	26°29	21°16	6°37	3°28	21°30	1°29	29♎58	1°25	4°40	8°54	M11
T 12	11 20 39	21°32'47	28°40	17°52	4°20	27°15	21°15	6°43	3°31	21°32	1°28	29°54	1°22	4°46	8°56	T 12
W13	11 24 35	22°33'12	13♌ 3	19°40	4°59	28° 0	21°14	6°48	3°33	21°34	1°28	29°49	1°19	4°53	8°59	W13
T 14	11 28 32	23°33'35	27°22	21°30	5°37	28°46	21°13	6°54	3°36	21°37	1°27	29°43	1°15	5° 0	9° 2	T 14
F 15	11 32 29	24°33'55	11♍32	23°20	6°13	29°31	21°11	7° 0	3°38	21°39	1°26	29°37	1°12	5° 6	9° 4	F 15
S 16	11 36 25	25°34'15	25°27	25°10	6°47	0♉17	21°10	7° 5	3°41	21°41	1°26	29°32	1° 9	5°13	9° 7	S 16
S 17	11 40 22	26°34'32	9♎ 4	27° 2	7°21	1° 2	21° 8	7°11	3°43	21°44	1°25	29°29	1° 6	5°20	9°10	S 17
M18	11 44 18	27°34'48	22°20	28°55	7°53	1°47	21° 6	7°16	3°46	21°46	1°24	29°28	1° 3	5°27	9°13	M18
T 19	11 48 15	28°35'03	5♏16	0♈48	8°23	2°33	21° 3	7°21	3°48	21°48	1°24	29°D27	0°59	5°33	9°15	T 19
W20	11 52 11	29°35'16	17°52	2°42	8°52	3°18	21° 1	7°26	3°51	21°50	1°23	29°29	0°56	5°40	9°18	W20
T 21	11 56 8	0♈35'28	0♐10	4°37	9°19	4° 3	20°58	7°32	3°53	21°53	1°23	29°30	0°53	5°47	9°21	T 21
F 22	12 0 4	1°35'38	12°15	6°33	9°44	4°48	20°56	7°37	3°56	21°55	1°22	29°32	0°50	5°53	9°24	F 22
S 23	12 4 1	2°35'46	24°12	8°28	10° 8	5°33	20°53	7°42	3°58	21°57	1°21	29°33	0°47	6° 0	9°27	S 23
S 24	12 7 57	3°35'54	6♑ 4	10°25	10°29	6°18	20°49	7°47	4° 0	21°59	1°21	29°R34	0°44	6° 7	9°30	S 24
M25	12 11 54	4°35'59	17°56	12°21	10°49	7° 3	20°46	7°52	4° 2	22° 2	1°21	29°33	0°40	6°14	9°33	M25
T 26	12 15 51	5°36'04	29°55	14°17	11° 7	7°48	20°43	7°57	4° 4	22° 4	1°20	29°31	0°37	6°20	9°36	T 26
W27	12 19 47	6°36'06	12♒ 3	16°13	11°23	8°33	20°39	8° 1	4° 7	22° 6	1°20	29°28	0°34	6°27	9°39	W27
T 28	12 23 44	7°36'07	24°24	18° 8	11°37	9°18	20°35	8° 6	4° 9	22° 8	1°19	29°25	0°31	6°34	9°43	T 28
F 29	12 27 40	8°36'06	7♓ 2	20° 2	11°48	10° 3	20°31	8°11	4°11	22°10	1°19	29°21	0°28	6°40	9°46	F 29
S 30	12 31 37	9°36'04	19°57	21°55	11°58	10°48	20°27	8°15	4°13	22°13	1°18	29°18	0°25	6°47	9°49	S 30
S 31	12 35 33	10♈36'00	3♈10	23♈46	12♉ 5	11♉32	20♏23	8♒20	4♒15	22♓15	1♌18	29♎16	0♏21	6♑54	9♉52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s36	7s35	4n29	13s38	2s 2	12n38	2n50	7n 3	0s19	16s44	1n16	18s41	0n 3	19s51	0s30	4s10	0s43	18n33	1s 9	11s31	12s 4	18s43	13n15	1s 3
S 2	7 13	3 38	3 51	13 6	2 4	13 4	2 58	7 21	0 18	16 44	1 16	18 40	0 3	19 50	0 30	4 9	0 43	18 33	1 9	11 28	12 3	18 42	13 16	1 3
S 3	6 50	0n34	2 59	12 32	2 5	13 29	3 7	7 39	0 17	16 44	1 16	18 39	0 3	19 50	0 30	4 8	0 43	18 34	1 9	11 26	12 2	18 42	13 16	1 3
M 4	6 27	4 48	1 58	11 57	2 7	13 54	3 15	7 57	0 16	16 44	1 16	18 37	0 3	19 49	0 30	4 7	0 43	18 34	1 8	11 24	12 1	18 41	13 17	1 3
T 5	6 4	8 52	0 49	11 21	2 8	14 19	3 23	8 15	0 15	16 44	1 17	18 36	0 3	19 48	0 30	4 6	0 43	18 34	1 8	11 23	12 0	18 40	13 18	1 3
W 6	5 41	12 32	0s24	10 44	2 8	14 43	3 31	8 33	0 15	16 44	1 17	18 34	0 3	19 48	0 30	4 6	0 44	18 35	1 8	11 23	11 59	18 40	13 19	1 3
T 7	5 18	15 33	1 36	10 6	2 9	15 7	3 40	8 50	0 14	16 44	1 17	18 33	0 3	19 47	0 30	4 5	0 44	18 35	1 8	11 23	11 58	18 39	13 19	1 3
F 8	4 54	17 43	2 44	9 27	2 8	15 30	3 48	9 8	0 13	16 44	1 17	18 31	0 3	19 46	0 30	4 4	0 44	18 35	1 8	11 24	11 57	18 38	13 20	1 3
S 9	4 31	18 51	3 43	8 46	2 8	15 53	3 56	9 25	0 12	16 43	1 17	18 30	0 3	19 46	0 30	4 3	0 44	18 35	1 8	11 24	11 56	18 38	13 21	1 3
S 10	4 7	18 48	4 29	8 5	2 7	16 16	4 5	9 42	0 11	16 43	1 18	18 29	0 3	19 45	0 30	4 2	0 44	18 36	1 8	11 24	11 55	18 37	13 22	1 3
M11	3 44	17 34	4 59	7 23	2 5	16 38	4 13	9 59	0 11	16 43	1 18	18 27	0 3	19 45	0 30	4 1	0 44	18 36	1 8	11 23	11 53	18 37	13 22	1 3
T 12	3 20	15 14	5 10	6 39	2 3	17 0	4 22	10 17	0 10	16 42	1 18	18 26	0 3	19 44	0 30	4 0	0 44	18 36	1 8	11 22	11 52	18 36	13 23	1 3
W13	2 56	11 57	5 2	5 55	2 0	17 21	4 31	10 33	0 9	16 42	1 18	18 25	0 3	19 43	0 30	3 59	0 44	18 36	1 8	11 20	11 51	18 35	13 24	1 3
T 14	2 33	8 0	4 35	5 9	1 57	17 42	4 39	10 50	0 8	16 41	1 18	18 23	0 3	19 43	0 30	3 58	0 44	18 37	1 8	11 18	11 50	18 35	13 25	1 3
F 15	2 9	3 37	3 52	4 23	1 54	18 2	4 48	11 7	0 7	16 41	1 19	18 22	0 2	19 42	0 30	3 58	0 44	18 37	1 8	11 16	11 49	18 34	13 26	1 3
S 16	1 45	0s53	2 55	3 35	1 50	18 22	4 56	11 24	0 7	16 40	1 19	18 21	0 2	19 42	0 30	3 57	0 44	18 37	1 7	11 14	11 48	18 33	13 26	1 3
S 17	1 21	5 15	1 49	2 47	1 45	18 41	5 5	11 40	0 6	16 39	1 19	18 19	0 2	19 41	0 30	3 56	0 44	18 37	1 7	11 13	11 47	18 33	13 27	1 3
M18	0 57	9 15	0 39	1 58	1 40	18 59	5 13	11 56	0 5	16 39	1 19	18 18	0 2	19 40	0 30	3 55	0 44	18 37	1 7	11 13	11 46	18 32	13 28	1 3
T 19	0 34	12 42	0n32	1 8	1 35	19 17	5 22	12 13	0 4	16 38	1 19	18 17	0 2	19 40	0 30	3 54	0 44	18 38	1 7	11 13	11 45	18 32	13 29	1 3
W20	0 10	15 27	1 39	0 17	1 28	19 35	5 31	12 29	0 4	16 37	1 19	18 16	0 2	19 39	0 30	3 53	0 44	18 38	1 7	11 13	11 44	18 31	13 30	1 3
T 21	0n14	17 26	2 40	0n35	1 22	19 51	5 39	12 45	0 3	16 36	1 20	18 14	0 2	19 39	0 30	3 52	0 44	18 38	1 7	11 14	11 42	18 30	13 31	1 3
F 22	0 38	18 35	3 33	1 27	1 14	20 7	5 47	13 0	0 2	16 35	1 20	18 13	0 2	19 38	0 30	3 51	0 44	18 38	1 7	11 14	11 41	18 30	13 32	1 4
S 23	1 2	18 53	4 17	2 19	1 6	20 23	5 56	13 16	0 1	16 34	1 20	18 12	0 2	19 38	0 30	3 51	0 44	18 38	1 7	11 15	11 40	18 29	13 33	1 4
S 24	1 25	18 21	4 48	3 12	0 58	20 38	6 4	13 32	0 1	16 33	1 20	18 11	0 2	19 37	0 30	3 50	0 44	18 39	1 7	11 15	11 39	18 28	13 34	1 4
M25	1 49	17 0	5 8	4 6	0 49	20 51	6 12	13 47	0n 0	16 32	1 20	18 9	0 2	19 37	0 30	3 49	0 44	18 39	1 7	11 14	11 38	18 28	13 34	1 4
T 26	2 13	14 55	5 14	4 59	0 39	21 5	6 20	14 2	0 1	16 31	1 20	18 8	0 2	19 36	0 30	3 48	0 44	18 39	1 7	11 14	11 37	18 27	13 35	1 4
W27	2 36	12 9	5 7	5 53	0 29	21 17	6 27	14 17	0 2	16 30	1 21	18 7	0 2	19 36	0 30	3 47	0 44	18 39	1 7	11 13	11 36	18 26	13 36	1 4
T 28	3 0	8 49	4 45	6 47	0 19	21 29	6 35	14 32	0 2	16 29	1 21	18 6	0 2	19 35	0 30	3 46	0 44	18 39	1 6	11 12	11 35	18 26	13 37	1 4
F 29	3 23	5 1	4 9	7 40	0 8	21 39	6 42	14 47	0 3	16 28	1 21	18 5	0 1	19 35	0 30	3 45	0 44	18 40	1 6	11 10	11 34	18 25	13 38	1 4
S 30	3 47	0 53	3 20	8 32	0n 4	21 49	6 50	15 2	0 4	16 27	1 21	18 4	0 1	19 35	0 31	3 45	0 44	18 40	1 6	11 9	11 33	18 24	13 39	1 4
S 31	4n10	3n23	2n19	9n24	0n15	21n58	6n56	15n16	0n 5	16s25	1n21	18s 3	0n 1	19s34	0s31	3s44	0s44	18n40	1s 6	11s 8	11s31	18s24	13n40	1s 4

Julian Day Number = 2878207.5, Delta T = 01h14m37s
Ecliptic obliquity = 23°17'10, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°05'58, Lahiri = 40°12'58

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ASTRODIENST EPHEMERIS for the year 3168
geocentric

APRIL 3168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 39 30	11♈35'54	16♈39	25♈35	12♉10	12♉17	20°R18	8♒24	4♒16	22♓17	1°R18	29°R14	0♏18	7♑ 1	9♉55	M 1
T 2	12 43 26	12°35'46	0♉24	27°21	12°12	13° 2	20♏13	8°29	4°18	22°19	1♌17	29°D14	0°15	7° 7	9°59	T 2
W 3	12 47 23	13°35'36	14°20	29° 4	12°R12	13°46	20° 9	8°33	4°20	22°21	1°17	29♎14	0°12	7°14	10° 2	W 3
T 4	12 51 20	14°35'24	28°26	0♉44	12°10	14°31	20° 4	8°37	4°22	22°24	1°17	29°15	0° 9	7°21	10° 5	T 4
F 5	12 55 16	15°35'10	12♊37	2°20	12° 5	15°16	19°58	8°41	4°24	22°26	1°17	29°16	0° 5	7°27	10° 8	F 5
S 6	12 59 13	16°34'54	26°51	3°51	11°58	16° 0	19°53	8°45	4°25	22°28	1°17	29°17	0° 2	7°34	10°12	S 6
S 7	13 3 9	17°34'36	11♋ 5	5°17	11°48	16°45	19°48	8°49	4°27	22°30	1°16	29°R18	29♎59	7°41	10°15	S 7
M 8	13 7 6	18°34'16	25°16	6°38	11°36	17°29	19°42	8°53	4°28	22°32	1°16	29°18	29°56	7°48	10°19	M 8
T 9	13 11 2	19°33'53	9♌23	7°53	11°21	18°13	19°37	8°57	4°30	22°34	1°16	29°17	29°53	7°54	10°22	T 9
W10	13 14 59	20°33'28	23°23	9° 2	11° 4	18°58	19°31	9° 1	4°31	22°36	1°16	29°17	29°50	8° 1	10°25	W10
T 11	13 18 55	21°33'00	7♍14	10° 4	10°44	19°42	19°25	9° 4	4°33	22°38	1°16	29°16	29°46	8° 8	10°29	T 11
F 12	13 22 52	22°32'31	20°54	10°59	10°22	20°26	19°19	9° 8	4°34	22°40	1°16	29°15	29°43	8°14	10°32	F 12
S 13	13 26 49	23°31'59	4♎22	11°47	9°58	21°10	19°12	9°11	4°36	22°42	1°16	29°14	29°40	8°21	10°36	S 13
S 14	13 30 45	24°31'25	17°35	12°28	9°31	21°54	19° 6	9°15	4°37	22°44	1°D16	29°14	29°37	8°28	10°39	S 14
M15	13 34 42	25°30'49	0♏33	13° 2	9° 3	22°38	19° 0	9°18	4°38	22°46	1°16	29°D14	29°34	8°34	10°43	M15
T 16	13 38 38	26°30'12	13°17	13°28	8°33	23°22	18°53	9°21	4°39	22°48	1°16	29°14	29°30	8°41	10°46	T 16
W17	13 42 35	27°29'32	25°45	13°47	8° 1	24° 6	18°47	9°24	4°40	22°50	1°16	29°14	29°27	8°48	10°50	W17
T 18	13 46 31	28°28'51	8♐ 1	13°58	7°27	24°50	18°40	9°27	4°42	22°52	1°16	29°14	29°24	8°55	10°53	T 18
F 19	13 50 28	29°28'08	20° 5	14°R 2	6°53	25°34	18°33	9°30	4°43	22°54	1°16	29°R14	29°21	9° 1	10°57	F 19
S 20	13 54 24	0♉27'23	2♑ 2	13°58	6°17	26°18	18°26	9°33	4°44	22°56	1°16	29°14	29°18	9° 8	11° 0	S 20
S 21	13 58 21	1°26'36	13°55	13°48	5°40	27° 2	18°19	9°36	4°45	22°58	1°16	29°14	29°15	9°15	11° 4	S 21
M22	14 2 17	2°25'48	25°48	13°31	5° 3	27°45	18°12	9°38	4°45	23° 0	1°17	29°14	29°11	9°21	11° 7	M22
T 23	14 6 14	3°24'58	7♒46	13° 8	4°25	28°29	18° 5	9°41	4°46	23° 2	1°17	29°D14	29° 8	9°28	11°11	T 23
W24	14 10 11	4°24'06	19°53	12°40	3°48	29°13	17°58	9°44	4°47	23° 4	1°17	29°14	29° 5	9°35	11°14	W24
T 25	14 14 7	5°23'12	2♓15	12° 6	3°10	29°56	17°50	9°46	4°48	23° 5	1°17	29°14	29° 2	9°42	11°18	T 25
F 26	14 18 4	6°22'17	14°54	11°29	2°33	0♊40	17°43	9°48	4°48	23° 7	1°18	29°15	28°59	9°48	11°21	F 26
S 27	14 22 0	7°21'20	27°54	10°48	1°56	1°23	17°36	9°50	4°49	23° 9	1°18	29°16	28°56	9°55	11°25	S 27
S 28	14 25 57	8°20'21	11♈16	10° 5	1°21	2° 7	17°28	9°53	4°50	23°11	1°18	29°16	28°52	10° 2	11°29	S 28
M29	14 29 53	9°19'20	25° 2	9°20	0°46	2°50	17°21	9°55	4°50	23°12	1°18	29°R17	28°49	10° 8	11°32	M29
T 30	14 33 50	10♉18'18	9♉ 7	8♉35	0♉13	3♊34	17♏13	9♒56	4♒51	23♓14	1♌19	29♎17	28♎46	10♑15	11♉36	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n34	7n34	1n 9	10n15	0n28	22n 6	7n 3	15n31	0n 5	16s24	1n21	18s 2	0n 1	19s34	0s31	3s43	0s44	18n40	1s 6	11s 8	11s30	18s23	13n41	1s 4
T 2	4 57	11 26	0s 6	11 5	0 40	22 12	7 9	15 45	0 6	16 23	1 21	18 1	0 1	19 33	0 31	3 42	0 44	18 40	1 6	11 8	11 29	18 22	13 42	1 4
W 3	5 20	14 43	1 23	11 53	0 52	22 18	7 15	15 59	0 7	16 21	1 22	18 0	0 1	19 33	0 31	3 41	0 44	18 40	1 6	11 8	11 28	18 21	13 43	1 4
T 4	5 43	17 10	2 35	12 40	1 5	22 22	7 21	16 13	0 7	16 20	1 22	17 58	0 1	19 33	0 31	3 40	0 44	18 40	1 6	11 8	11 27	18 21	13 44	1 4
F 5	6 6	18 34	3 38	13 25	1 17	22 26	7 26	16 26	0 8	16 18	1 22	17 57	0 1	19 32	0 31	3 40	0 44	18 41	1 6	11 9	11 26	18 20	13 45	1 4
S 6	6 29	18 48	4 27	14 8	1 30	22 28	7 31	16 40	0 9	16 17	1 22	17 57	0 1	19 32	0 31	3 39	0 44	18 41	1 6	11 9	11 25	18 19	13 46	1 4
S 7	6 51	17 50	5 1	14 48	1 42	22 29	7 35	16 53	0 9	16 15	1 22	17 56	0 1	19 31	0 31	3 38	0 44	18 41	1 6	11 9	11 24	18 19	13 47	1 4
M 8	7 14	15 46	5 16	15 26	1 54	22 28	7 39	17 6	0 10	16 14	1 22	17 55	0 1	19 31	0 31	3 37	0 44	18 41	1 6	11 9	11 23	18 18	13 48	1 4
T 9	7 36	12 46	5 12	16 1	2 5	22 27	7 42	17 19	0 11	16 12	1 22	17 54	0 1	19 31	0 31	3 36	0 44	18 41	1 5	11 9	11 21	18 17	13 49	1 4
W10	7 59	9 5	4 49	16 34	2 16	22 23	7 44	17 32	0 12	16 10	1 22	17 53	0 1	19 30	0 31	3 35	0 44	18 41	1 5	11 9	11 20	18 16	13 50	1 4
T 11	8 21	4 56	4 10	17 3	2 26	22 19	7 46	17 45	0 12	16 9	1 23	17 52	0 1	19 30	0 31	3 35	0 44	18 41	1 5	11 8	11 19	18 16	13 51	1 4
F 12	8 43	0 34	3 17	17 29	2 35	22 13	7 47	17 57	0 13	16 7	1 23	17 51	0 0	19 30	0 31	3 34	0 44	18 41	1 5	11 8	11 18	18 15	13 52	1 4
S 13	9 5	3s46	2 14	17 53	2 44	22 5	7 47	18 9	0 14	16 5	1 23	17 50	0 0	19 30	0 31	3 33	0 44	18 41	1 5	11 8	11 17	18 14	13 53	1 4
S 14	9 27	7 51	1 4	18 12	2 52	21 57	7 47	18 21	0 14	16 4	1 23	17 49	0 0	19 29	0 31	3 32	0 44	18 42	1 5	11 8	11 16	18 14	13 54	1 5
M15	9 48	11 29	0n 7	18 29	2 58	21 46	7 46	18 33	0 15	16 2	1 23	17 49	0 0	19 29	0 31	3 32	0 44	18 42	1 5	11 8	11 15	18 13	13 55	1 5
T 16	10 10	14 30	1 17	18 42	3 3	21 34	7 44	18 45	0 16	16 0	1 23	17 48	0 0	19 29	0 31	3 31	0 44	18 42	1 5	11 8	11 14	18 12	13 56	1 5
W17	10 31	16 46	2 22	18 51	3 7	21 21	7 41	18 56	0 16	15 58	1 23	17 47	0 0	19 29	0 31	3 30	0 44	18 42	1 5	11 8	11 13	18 11	13 57	1 5
T 18	10 52	18 14	3 19	18 57	3 10	21 7	7 37	19 8	0 17	15 56	1 23	17 46	0s 0	19 28	0 31	3 29	0 44	18 42	1 5	11 8	11 11	18 11	13 58	1 5
F 19	11 13	18 49	4 6	18 59	3 11	20 51	7 33	19 19	0 18	15 54	1 23	17 46	0 0	19 28	0 31	3 29	0 44	18 42	1 5	11 8	11 10	18 10	13 59	1 5
S 20	11 34	18 34	4 42	18 58	3 11	20 34	7 27	19 30	0 18	15 52	1 23	17 45	0 0	19 28	0 31	3 28	0 44	18 42	1 4	11 8	11 9	18 9	14 0	1 5
S 21	11 54	17 29	5 6	18 53	3 9	20 15	7 21	19 40	0 19	15 50	1 23	17 44	0 0	19 28	0 31	3 27	0 44	18 42	1 4	11 8	11 8	18 8	14 1	1 5
M22	12 14	15 40	5 17	18 45	3 5	19 56	7 14	19 51	0 19	15 48	1 23	17 44	0 0	19 28	0 31	3 26	0 44	18 42	1 4	11 8	11 7	18 8	14 2	1 5
T 23	12 34	13 9	5 14	18 33	3 0	19 35	7 6	20 1	0 20	15 46	1 23	17 43	0 0	19 27	0 31	3 26	0 44	18 42	1 4	11 8	11 6	18 7	14 3	1 5
W24	12 54	10 3	4 57	18 18	2 54	19 14	6 57	20 11	0 21	15 44	1 23	17 43	0 0	19 27	0 31	3 25	0 44	18 42	1 4	11 8	11 5	18 6	14 4	1 5
T 25	13 14	6 27	4 26	18 0	2 45	18 52	6 48	20 21	0 21	15 42	1 23	17 42	0 1	19 27	0 31	3 24	0 44	18 42	1 4	11 8	11 4	18 5	14 5	1 5
F 26	13 33	2 30	3 42	17 39	2 35	18 30	6 38	20 31	0 22	15 40	1 23	17 41	0 1	19 27	0 31	3 24	0 44	18 42	1 4	11 8	11 3	18 5	14 6	1 5
S 27	13 53	1n42	2 45	17 15	2 24	18 7	6 27	20 41	0 23	15 38	1 23	17 41	0 1	19 27	0 31	3 23	0 44	18 42	1 4	11 9	11 1	18 4	14 7	1 5
S 28	14 12	5 56	1 38	16 50	2 12	17 43	6 15	20 50	0 23	15 36	1 23	17 40	0 1	19 27	0 31	3 22	0 44	18 42	1 4	11 9	11 0	18 3	14 8	1 5
M29	14 30	10 0	0 24	16 23	1 58	17 20	6 3	20 59	0 24	15 34	1 23	17 40	0 1	19 27	0 31	3 22	0 44	18 42	1 4	11 9	10 59	18 2	14 10	1 5
T 30	14n49	13n35	0s54	15n54	1n43	16n56	5n50	21n 8	0n24	15s32	1n23	17s40	0s 1	19s27	0s32	3s21	0s44	18n42	1s 4	11s 9	10s58	18s 2	14n11	1s 5

Julian Day Number = 2878238.5, Delta T = 01h14m37s
Ecliptic obliquity = 23°17'10, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°06'02, Lahiri = 40°13'03

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ASTRODIENST EPHEMERIS for the year 3168
geocentric

MAY 3168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 37 46	11♉17'13	23♉30	7°R49	29°R41	4♊17	17°R 5	9♒58	4♒51	23♓16	1♌19	29°R16	28♎43	10♑22	11♉39	W 1
T 2	14 41 43	12°16'07	8♊ 4	7♉ 5	29♈11	5° 0	16♏58	10° 0	4°51	23°17	1°20	29♎15	28°40	10°29	11°43	T 2
F 3	14 45 40	13°14'59	22°44	6°22	28°43	5°43	16°50	10° 2	4°52	23°19	1°20	29°13	28°36	10°35	11°46	F 3
S 4	14 49 36	14°13'48	7♋21	5°42	28°17	6°27	16°43	10° 3	4°52	23°21	1°21	29°11	28°33	10°42	11°50	S 4
S 5	14 53 33	15°12'35	21°52	5° 5	27°52	7°10	16°35	10° 5	4°52	23°22	1°21	29°10	28°30	10°49	11°54	S 5
M 6	14 57 29	16°11'20	6♌11	4°31	27°30	7°53	16°27	10° 6	4°52	23°24	1°22	29° 9	28°27	10°56	11°57	M 6
T 7	15 1 26	17°10'03	20°15	4° 2	27°11	8°36	16°19	10° 7	4°53	23°25	1°22	29°D 9	28°24	11° 2	12° 1	T 7
W 8	15 5 22	18° 8'43	4♍ 4	3°37	26°53	9°19	16°12	10° 8	4°53	23°27	1°23	29° 9	28°21	11° 9	12° 4	W 8
T 9	15 9 19	19° 7'22	17°37	3°16	26°38	10° 2	16° 4	10° 9	4°R53	23°28	1°23	29°10	28°17	11°16	12° 8	T 9
F 10	15 13 15	20° 5'58	0♎54	3° 1	26°25	10°45	15°56	10°10	4°53	23°30	1°24	29°12	28°14	11°22	12°11	F 10
S 11	15 17 12	21° 4'32	13°57	2°50	26°15	11°27	15°49	10°11	4°53	23°31	1°25	29°13	28°11	11°29	12°15	S 11
S 12	15 21 9	22° 3'04	26°47	2°45	26° 7	12°10	15°41	10°12	4°52	23°33	1°25	29°R14	28° 8	11°36	12°19	S 12
M13	15 25 5	23° 1'34	9♏25	2°D44	26° 2	12°53	15°34	10°13	4°52	23°34	1°26	29°13	28° 5	11°43	12°22	M13
T 14	15 29 2	24° 0'02	21°52	2°49	25°59	13°36	15°26	10°13	4°52	23°35	1°27	29°12	28° 2	11°49	12°26	T 14
W15	15 32 58	24°58'29	4♐ 8	2°58	25°D59	14°18	15°19	10°14	4°52	23°37	1°27	29° 9	27°58	11°56	12°29	W15
T 16	15 36 55	25°56'54	16°16	3°13	26° 1	15° 1	15°11	10°14	4°51	23°38	1°28	29° 5	27°55	12° 3	12°33	T 16
F 17	15 40 51	26°55'17	28°17	3°31	26° 5	15°43	15° 4	10°14	4°51	23°39	1°29	29° 0	27°52	12° 9	12°36	F 17
S 18	15 44 48	27°53'38	10♑12	3°55	26°11	16°26	14°56	10°15	4°51	23°41	1°30	28°55	27°49	12°16	12°40	S 18
S 19	15 48 44	28°51'58	22° 4	4°22	26°20	17° 8	14°49	10°R15	4°50	23°42	1°30	28°51	27°46	12°23	12°43	S 19
M20	15 52 41	29°50'16	3♒57	4°54	26°31	17°51	14°42	10°15	4°49	23°43	1°31	28°47	27°42	12°30	12°47	M20
T 21	15 56 38	0♊48'33	15°54	5°30	26°44	18°33	14°35	10°15	4°49	23°44	1°32	28°44	27°39	12°36	12°50	T 21
W22	16 0 34	1°46'48	27°59	6°10	26°59	19°15	14°28	10°14	4°48	23°45	1°33	28°D43	27°36	12°43	12°54	W22
T 23	16 4 31	2°45'02	10♓18	6°53	27°16	19°58	14°21	10°14	4°48	23°46	1°34	28°43	27°33	12°50	12°57	T 23
F 24	16 8 27	3°43'14	22°54	7°40	27°34	20°40	14°14	10°14	4°47	23°47	1°35	28°45	27°30	12°56	13° 0	F 24
S 25	16 12 24	4°41'25	5♈52	8°31	27°55	21°22	14° 7	10°13	4°46	23°48	1°36	28°46	27°27	13° 3	13° 4	S 25
S 26	16 16 20	5°39'35	19°14	9°24	28°18	22° 4	14° 0	10°12	4°45	23°49	1°36	28°47	27°23	13°10	13° 7	S 26
M27	16 20 17	6°37'43	3♉ 4	10°21	28°42	22°46	13°53	10°12	4°44	23°50	1°37	28°R48	27°20	13°17	13°10	M27
T 28	16 24 13	7°35'50	17°20	11°21	29° 8	23°28	13°47	10°11	4°43	23°51	1°38	28°46	27°17	13°23	13°14	T 28
W29	16 28 10	8°33'56	1♊58	12°24	29°35	24°10	13°40	10°10	4°43	23°52	1°39	28°43	27°14	13°30	13°17	W29
T 30	16 32 7	9°32'00	16°54	13°30	0♉ 4	24°52	13°34	10° 9	4°42	23°53	1°40	28°38	27°11	13°37	13°20	T 30
F 31	16 36 3	10♊30'02	1♋58	14♉38	0♉35	25♊34	13♏28	10♒ 8	4♒40	23♓54	1♌41	28♎32	27♎ 8	13♑43	13♉24	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n 7	16n26	2s10	15n25	1n28	16n33	5n37	21n16	0n25	15s30	1n23	17s39	0s 1	19s26	0s32	3s20	0s44	18n42	1s 4	11s 9	10s57	18s 1	14n12	1s 6
T 2	15 25	18 15	3 19	14 55	1 11	16 9	5 24	21 25	0 26	15 28	1 23	17 39	0 1	19 26	0 32	3 20	0 44	18 42	1 3	11 8	10 56	18 0	14 13	1 6
F 3	15 43	18 51	4 14	14 25	0 55	15 47	5 10	21 33	0 26	15 26	1 23	17 38	0 1	19 26	0 32	3 19	0 45	18 42	1 3	11 8	10 55	17 59	14 14	1 6
S 4	16 0	18 12	4 53	13 56	0 38	15 24	4 56	21 41	0 27	15 23	1 23	17 38	0 1	19 26	0 32	3 19	0 45	18 42	1 3	11 7	10 54	17 58	14 15	1 6
S 5	16 18	16 22	5 13	13 27	0 21	15 2	4 42	21 49	0 27	15 21	1 23	17 38	0 1	19 26	0 32	3 18	0 45	18 42	1 3	11 6	10 52	17 58	14 16	1 6
M 6	16 34	13 32	5 13	13 0	0 4	14 41	4 27	21 57	0 28	15 19	1 23	17 37	0 1	19 26	0 32	3 17	0 45	18 42	1 3	11 6	10 51	17 57	14 17	1 6
T 7	16 51	9 58	4 55	12 35	0s13	14 20	4 13	22 4	0 28	15 17	1 23	17 37	0 2	19 26	0 32	3 17	0 45	18 42	1 3	11 6	10 50	17 56	14 18	1 6
W 8	17 7	5 55	4 19	12 11	0 29	14 0	3 58	22 11	0 29	15 15	1 23	17 37	0 2	19 26	0 32	3 16	0 45	18 42	1 3	11 6	10 49	17 55	14 19	1 6
T 9	17 24	1 39	3 30	11 49	0 45	13 41	3 44	22 18	0 30	15 13	1 23	17 37	0 2	19 26	0 32	3 16	0 45	18 42	1 3	11 7	10 48	17 54	14 20	1 6
F 10	17 39	2s39	2 30	11 29	1 0	13 23	3 29	22 25	0 30	15 11	1 23	17 37	0 2	19 26	0 32	3 15	0 45	18 42	1 3	11 7	10 47	17 54	14 21	1 6
S 11	17 55	6 45	1 23	11 12	1 15	13 6	3 15	22 31	0 31	15 9	1 23	17 36	0 2	19 26	0 32	3 15	0 45	18 42	1 3	11 8	10 46	17 53	14 22	1 6
S 12	18 10	10 28	0 13	10 57	1 29	12 50	3 1	22 37	0 31	15 6	1 23	17 36	0 2	19 27	0 32	3 14	0 45	18 42	1 3	11 8	10 45	17 52	14 23	1 6
M13	18 25	13 39	0n56	10 45	1 42	12 35	2 47	22 43	0 32	15 4	1 23	17 36	0 2	19 27	0 32	3 14	0 45	18 42	1 3	11 8	10 43	17 51	14 24	1 6
T 14	18 39	16 10	2 1	10 35	1 54	12 21	2 33	22 49	0 32	15 2	1 23	17 36	0 2	19 27	0 32	3 13	0 45	18 42	1 2	11 7	10 42	17 50	14 25	1 7
W15	18 53	17 53	3 0	10 27	2 6	12 8	2 20	22 55	0 33	15 0	1 23	17 36	0 2	19 27	0 32	3 13	0 45	18 42	1 2	11 6	10 41	17 50	14 26	1 7
T 16	19 7	18 46	3 50	10 22	2 16	11 57	2 6	23 0	0 33	14 58	1 23	17 36	0 2	19 27	0 32	3 12	0 45	18 42	1 2	11 5	10 40	17 49	14 27	1 7
F 17	19 21	18 48	4 29	10 19	2 26	11 46	1 53	23 5	0 34	14 56	1 22	17 36	0 2	19 27	0 32	3 12	0 45	18 41	1 2	11 3	10 39	17 48	14 28	1 7
S 18	19 34	17 59	4 56	10 19	2 35	11 36	1 40	23 10	0 34	14 54	1 22	17 36	0 2	19 27	0 32	3 11	0 45	18 41	1 2	11 1	10 38	17 47	14 29	1 7
S 19	19 47	16 23	5 10	10 20	2 43	11 28	1 28	23 15	0 35	14 52	1 22	17 36	0 3	19 27	0 32	3 11	0 45	18 41	1 2	11 0	10 37	17 46	14 30	1 7
M20	19 59	14 6	5 11	10 24	2 50	11 20	1 16	23 19	0 36	14 50	1 22	17 36	0 3	19 27	0 32	3 10	0 45	18 41	1 2	10 58	10 35	17 45	14 31	1 7
T 21	20 11	11 13	4 59	10 30	2 56	11 14	1 4	23 24	0 36	14 48	1 22	17 36	0 3	19 28	0 32	3 10	0 45	18 41	1 2	10 57	10 34	17 45	14 31	1 7
W22	20 23	7 49	4 33	10 38	3 2	11 8	0 52	23 28	0 37	14 46	1 22	17 37	0 3	19 28	0 32	3 9	0 45	18 41	1 2	10 57	10 33	17 44	14 32	1 7
T 23	20 35	4 3	3 54	10 47	3 6	11 4	0 41	23 31	0 37	14 44	1 22	17 37	0 3	19 28	0 32	3 9	0 45	18 41	1 2	10 57	10 32	17 43	14 33	1 7
F 24	20 46	0n 0	3 3	10 59	3 10	11 1	0 30	23 35	0 38	14 42	1 22	17 37	0 3	19 28	0 32	3 9	0 45	18 41	1 2	10 58	10 31	17 42	14 34	1 7
S 25	20 56	4 11	2 2	11 12	3 13	10 58	0 19	23 38	0 38	14 41	1 21	17 37	0 3	19 28	0 32	3 8	0 45	18 41	1 2	10 58	10 30	17 41	14 35	1 7
S 26	21 7	8 17	0 52	11 26	3 16	10 56	0 9	23 41	0 39	14 39	1 21	17 37	0 3	19 29	0 32	3 8	0 45	18 41	1 1	10 59	10 29	17 40	14 36	1 8
M27	21 17	12 5	0s23	11 42	3 17	10 56	0s 1	23 44	0 39	14 37	1 21	17 38	0 3	19 29	0 32	3 7	0 45	18 40	1 1	10 59	10 28	17 40	14 37	1 8
T 28	21 26	15 19	1 39	12 0	3 18	10 56	0 11	23 47	0 40	14 35	1 21	17 38	0 3	19 29	0 32	3 7	0 45	18 40	1 1	10 58	10 26	17 39	14 38	1 8
W29	21 35	17 38	2 50	12 18	3 18	10 57	0 20	23 49	0 40	14 33	1 21	17 38	0 3	19 29	0 33	3 7	0 45	18 40	1 1	10 57	10 25	17 38	14 39	1 8
T 30	21 44	18 49	3 51	12 38	3 18	10 58	0 29	23 52	0 40	14 32	1 21	17 39	0 3	19 30	0 33	3 6	0 45	18 40	1 1	10 55	10 24	17 37	14 40	1 8
F 31	21n53	18n40	4s37	12n59	3s17	11n 1	0s38	23n54	0n41	14s30	1n20	17s39	0s 4	19s30	0s33	3s 6	0s45	18n40	1s 1	10s53	10s23	17s36	14n41	1s 8

Julian Day Number = 2878268.5, Delta T = 01h14m38s
Ecliptic obliquity = 23°17'09, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°06'06, Lahiri = 40°13'07

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ASTRODIENST EPHEMERIS for the year 3168
geocentric

JUNE 3168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 40 0	11♊28'03	17♋ 0	15♉50	1♉ 7	26♊16	13°R22	10°R 7	4°R39	23♓55	1♌42	28°R26	27♎ 4	13♑50	13♉27	S 1
S 2	16 43 56	12°26'02	1♌52	17° 3	1°40	26°58	13♏16	10♒ 6	4♒38	23°56	1°44	28♎20	27° 1	13°57	13°30	S 2
M 3	16 47 53	13°23'59	16°26	18°20	2°14	27°39	13°10	10° 4	4°37	23°56	1°45	28°16	26°58	14° 4	13°34	M 3
T 4	16 51 49	14°21'55	0♍39	19°38	2°50	28°21	13° 4	10° 3	4°36	23°57	1°46	28°13	26°55	14°10	13°37	T 4
W 5	16 55 46	15°19'48	14°28	21° 0	3°27	29° 3	12°59	10° 1	4°35	23°58	1°47	28°D12	26°52	14°17	13°40	W 5
T 6	16 59 42	16°17'40	27°54	22°23	4° 5	29°44	12°53	9°59	4°33	23°58	1°48	28°13	26°48	14°24	13°43	T 6
F 7	17 3 39	17°15'31	10♎59	23°49	4°45	0♋26	12°48	9°58	4°32	23°59	1°49	28°14	26°45	14°30	13°46	F 7
S 8	17 7 36	18°13'19	23°47	25°18	5°25	1° 8	12°43	9°56	4°30	24° 0	1°50	28°R15	26°42	14°37	13°49	S 8
S 9	17 11 32	19°11'06	6♏20	26°49	6° 7	1°49	12°38	9°54	4°29	24° 0	1°51	28°15	26°39	14°44	13°52	S 9
M10	17 15 29	20° 8'52	18°42	28°22	6°49	2°31	12°33	9°52	4°28	24° 1	1°53	28°13	26°36	14°51	13°55	M10
T 11	17 19 25	21° 6'36	0♐54	29°57	7°32	3°12	12°28	9°50	4°26	24° 1	1°54	28° 8	26°33	14°57	13°58	T 11
W12	17 23 22	22° 4'19	12°59	1♊35	8°17	3°53	12°23	9°48	4°25	24° 2	1°55	28° 1	26°29	15° 4	14° 1	W12
T 13	17 27 18	23° 2'01	24°59	3°15	9° 2	4°35	12°19	9°46	4°23	24° 2	1°56	27°53	26°26	15°11	14° 4	T 13
F 14	17 31 15	23°59'41	6♑54	4°57	9°48	5°16	12°15	9°43	4°21	24° 3	1°58	27°42	26°23	15°18	14° 7	F 14
S 15	17 35 12	24°57'20	18°47	6°41	10°35	5°57	12°11	9°41	4°20	24° 3	1°59	27°32	26°20	15°24	14°10	S 15
S 16	17 39 8	25°54'58	0♒40	8°28	11°22	6°38	12° 7	9°38	4°18	24° 3	2° 0	27°21	26°17	15°31	14°13	S 16
M17	17 43 5	26°52'35	12°33	10°17	12°11	7°19	12° 3	9°36	4°16	24° 4	2° 1	27°12	26°14	15°38	14°16	M17
T 18	17 47 1	27°50'12	24°31	12° 9	13° 0	8° 0	11°59	9°33	4°14	24° 4	2° 3	27° 5	26°10	15°44	14°19	T 18
W19	17 50 58	28°47'47	6♓36	14° 2	13°50	8°41	11°56	9°30	4°13	24° 4	2° 4	27° 0	26° 7	15°51	14°22	W19
T 20	17 54 54	29°45'21	18°53	15°58	14°40	9°23	11°53	9°27	4°11	24° 4	2° 5	26°58	26° 4	15°58	14°24	T 20
F 21	17 58 51	0♋42'55	1♈25	17°56	15°32	10° 3	11°49	9°25	4° 9	24° 5	2° 7	26°D57	26° 1	16° 5	14°27	F 21
S 22	18 2 47	1°40'28	14°18	19°56	16°23	10°44	11°47	9°22	4° 7	24° 5	2° 8	26°58	25°58	16°11	14°30	S 22
S 23	18 6 44	2°38'00	27°35	21°58	17°16	11°25	11°44	9°19	4° 5	24° 5	2° 9	26°R58	25°54	16°18	14°32	S 23
M24	18 10 41	3°35'31	11♉20	24° 2	18° 9	12° 6	11°41	9°16	4° 3	24° 5	2°11	26°57	25°51	16°25	14°35	M24
T 25	18 14 37	4°33'02	25°34	26° 8	19° 3	12°47	11°39	9°12	4° 1	24° 5	2°12	26°54	25°48	16°31	14°38	T 25
W26	18 18 34	5°30'33	10♊15	28°15	19°57	13°28	11°36	9° 9	3°59	24°R 5	2°14	26°49	25°45	16°38	14°40	W26
T 27	18 22 30	6°28'02	25°17	0♋24	20°51	14° 8	11°34	9° 6	3°57	24° 5	2°15	26°41	25°42	16°45	14°43	T 27
F 28	18 26 27	7°25'31	10♋33	2°34	21°46	14°49	11°33	9° 2	3°55	24° 5	2°16	26°32	25°39	16°52	14°45	F 28
S 29	18 30 23	8°22'59	25°50	4°45	22°42	15°30	11°31	8°59	3°53	24° 5	2°18	26°22	25°35	16°58	14°47	S 29
S 30	18 34 20	9♋20'26	10♌59	6♋56	23♉38	16♋10	11♏29	8♒55	3♒51	24♓ 5	2♌19	26♎12	25♎32	17♑ 5	14♉50	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 1	17n12	5s 3	13n21	3s15	11n 4	0s46	23n55	0n41	14s28	1n20	17s39	0s 4	19s30	0s33	3s 6	0s45	18n40	1s 1	10s51	10s22	17s35	14n42	1s 8
S 2	22 8	14 36	5 8	13 44	3 13	11 8	0 54	23 57	0 42	14 27	1 20	17 40	0 4	19 31	0 33	3 6	0 45	18 39	1 1	10 49	10 21	17 34	14 42	1 8
M 3	22 16	11 8	4 54	14 8	3 10	11 12	1 2	23 58	0 42	14 25	1 20	17 40	0 4	19 31	0 33	3 5	0 45	18 39	1 1	10 47	10 20	17 34	14 43	1 8
T 4	22 23	7 6	4 21	14 33	3 6	11 17	1 10	23 59	0 43	14 24	1 20	17 41	0 4	19 31	0 33	3 5	0 46	18 39	1 1	10 46	10 18	17 33	14 44	1 8
W 5	22 29	2 47	3 34	14 58	3 2	11 23	1 17	24 0	0 43	14 22	1 20	17 41	0 4	19 32	0 33	3 5	0 46	18 39	1 1	10 46	10 17	17 32	14 45	1 9
T 6	22 35	1s34	2 36	15 24	2 57	11 29	1 24	24 1	0 44	14 21	1 19	17 42	0 4	19 32	0 33	3 5	0 46	18 39	1 1	10 46	10 16	17 31	14 46	1 9
F 7	22 41	5 44	1 32	15 50	2 52	11 36	1 30	24 1	0 44	14 19	1 19	17 42	0 4	19 32	0 33	3 4	0 46	18 39	1 1	10 47	10 15	17 30	14 47	1 9
S 8	22 46	9 33	0 24	16 17	2 46	11 43	1 37	24 1	0 45	14 18	1 19	17 43	0 4	19 33	0 33	3 4	0 46	18 38	1 0	10 47	10 14	17 29	14 47	1 9
S 9	22 51	12 52	0n43	16 44	2 39	11 51	1 43	24 1	0 45	14 17	1 19	17 43	0 4	19 33	0 33	3 4	0 46	18 38	1 0	10 47	10 13	17 28	14 48	1 9
M10	22 55	15 33	1 48	17 11	2 33	11 59	1 49	24 1	0 45	14 15	1 19	17 44	0 4	19 33	0 33	3 4	0 46	18 38	1 0	10 46	10 12	17 27	14 49	1 9
T 11	22 59	17 30	2 46	17 39	2 25	12 8	1 54	24 1	0 46	14 14	1 18	17 45	0 5	19 34	0 33	3 4	0 46	18 38	1 0	10 45	10 10	17 26	14 50	1 9
W12	23 3	18 38	3 36	18 6	2 17	12 17	1 59	24 0	0 46	14 13	1 18	17 45	0 5	19 34	0 33	3 3	0 46	18 38	1 0	10 42	10 9	17 26	14 51	1 9
T 13	23 6	18 55	4 16	18 33	2 9	12 27	2 5	23 59	0 47	14 12	1 18	17 46	0 5	19 34	0 33	3 3	0 46	18 37	1 0	10 39	10 8	17 25	14 51	1 9
F 14	23 9	18 22	4 45	19 0	2 1	12 37	2 9	23 58	0 47	14 11	1 18	17 47	0 5	19 35	0 33	3 3	0 46	18 37	1 0	10 35	10 7	17 24	14 52	1 9
S 15	23 11	17 1	5 1	19 27	1 51	12 47	2 14	23 57	0 48	14 10	1 17	17 47	0 5	19 35	0 33	3 3	0 46	18 37	1 0	10 32	10 6	17 23	14 53	1 10
S 16	23 13	14 56	5 4	19 54	1 42	12 57	2 18	23 55	0 48	14 9	1 17	17 48	0 5	19 36	0 33	3 3	0 46	18 37	1 0	10 28	10 5	17 22	14 54	1 10
M17	23 15	12 14	4 53	20 20	1 32	13 8	2 22	23 53	0 48	14 8	1 17	17 49	0 5	19 36	0 33	3 3	0 46	18 37	1 0	10 25	10 4	17 21	14 54	1 10
T 18	23 16	9 0	4 30	20 45	1 22	13 19	2 26	23 51	0 49	14 7	1 17	17 50	0 5	19 37	0 33	3 3	0 46	18 36	1 0	10 22	10 2	17 20	14 55	1 10
W19	23 17	5 23	3 55	21 9	1 12	13 30	2 30	23 49	0 49	14 6	1 17	17 51	0 5	19 37	0 33	3 3	0 46	18 36	1 0	10 20	10 1	17 19	14 56	1 10
T 20	23 17	1 29	3 8	21 32	1 1	13 41	2 33	23 47	0 50	14 5	1 16	17 51	0 5	19 38	0 33	3 3	0 46	18 36	1 0	10 20	10 0	17 18	14 56	1 10
F 21	23 17	2n35	2 12	21 54	0 51	13 53	2 37	23 44	0 50	14 5	1 16	17 52	0 5	19 38	0 33	3 3	0 46	18 36	0 59	10 19	9 59	17 17	14 57	1 10
S 22	23 17	6 38	1 7	22 15	0 40	14 5	2 40	23 41	0 50	14 4	1 16	17 53	0 5	19 38	0 33	3 3	0 46	18 36	0 59	10 19	9 58	17 17	14 58	1 10
S 23	23 16	10 30	0s 3	22 34	0 29	14 17	2 43	23 38	0 51	14 3	1 16	17 54	0 6	19 39	0 33	3 3	0 46	18 35	0 59	10 20	9 57	17 16	14 58	1 10
M24	23 14	13 56	1 16	22 51	0 18	14 29	2 45	23 35	0 51	14 3	1 15	17 55	0 6	19 39	0 33	3 3	0 46	18 35	0 59	10 19	9 56	17 15	14 59	1 11
T 25	23 12	16 40	2 26	23 7	0 7	14 41	2 48	23 32	0 51	14 2	1 15	17 56	0 6	19 40	0 33	3 3	0 46	18 35	0 59	10 18	9 54	17 14	15 0	1 11
W26	23 10	18 24	3 29	23 20	0n 4	14 53	2 50	23 28	0 52	14 2	1 15	17 57	0 6	19 40	0 33	3 3	0 46	18 35	0 59	10 16	9 53	17 13	15 0	1 11
T 27	23 8	18 54	4 18	23 31	0 14	15 5	2 52	23 24	0 52	14 1	1 15	17 58	0 6	19 41	0 33	3 3	0 46	18 34	0 59	10 14	9 52	17 12	15 1	1 11
F 28	23 5	18 3	4 50	23 40	0 25	15 17	2 54	23 20	0 52	14 1	1 14	17 59	0 6	19 41	0 33	3 3	0 46	18 34	0 59	10 10	9 51	17 11	15 2	1 11
S 29	23 1	15 54	5 2	23 47	0 35	15 30	2 56	23 16	0 53	14 1	1 14	18 0	0 6	19 42	0 33	3 3	0 46	18 34	0 59	10 7	9 50	17 10	15 2	1 11
S 30	22n58	12n41	4s52	23n51	0n44	15n42	2s57	23n12	0n53	14s 1	1n14	18s 1	0s 6	19s42	0s33	3s 3	0s46	18n34	0s59	10s 3	9s49	17s 9	15n 3	1s11

Julian Day Number = 2878299.5, Delta T = 01h14m39s
Ecliptic obliquity = 23°17'09, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°06'11, Lahiri = 40°13'11

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ASTRODIENST EPHEMERIS for the year 3168
geocentric

JULY 3168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 38 16	10♋17'52	25♌48	9♋ 8	24♉35	16♋51	11°R28	8°R52	3°R49	24°R 5	2♌21	26°R 5	25♎29	17♑12	14♉52	M 1
T 2	18 42 13	11°15'17	10♍13	11°21	25°32	17°32	11♏27	8♒48	3♒47	24♓ 4	2°22	25♎59	25°26	17°19	14°55	T 2
W 3	18 46 10	12°12'41	24° 9	13°33	26°29	18°12	11°26	8°45	3°44	24° 4	2°24	25°56	25°23	17°25	14°57	W 3
T 4	18 50 6	13°10'04	7♎38	15°44	27°27	18°53	11°25	8°41	3°42	24° 4	2°25	25°55	25°19	17°32	14°59	T 4
F 5	18 54 3	14° 7'26	20°41	17°56	28°25	19°33	11°24	8°37	3°40	24° 4	2°27	25°55	25°16	17°39	15° 1	F 5
S 6	18 57 59	15° 4'47	3♏23	20° 6	29°23	20°13	11°24	8°33	3°38	24° 3	2°28	25°55	25°13	17°45	15° 3	S 6
S 7	19 1 56	16° 2'08	15°48	22°15	0♊22	20°54	11°24	8°29	3°35	24° 3	2°30	25°54	25°10	17°52	15° 6	S 7
M 8	19 5 52	16°59'27	28° 1	24°23	1°22	21°34	11°D24	8°25	3°33	24° 3	2°31	25°50	25° 7	17°59	15° 8	M 8
T 9	19 9 49	17°56'46	10♐ 4	26°29	2°21	22°14	11°24	8°21	3°31	24° 2	2°33	25°44	25° 4	18° 6	15°10	T 9
W10	19 13 45	18°54'05	22° 1	28°34	3°21	22°54	11°24	8°17	3°29	24° 2	2°34	25°35	25° 0	18°12	15°12	W10
T 11	19 17 42	19°51'23	3♑55	0♌36	4°21	23°35	11°24	8°13	3°26	24° 1	2°36	25°24	24°57	18°19	15°14	T 11
F 12	19 21 39	20°48'40	15°48	2°37	5°22	24°15	11°25	8° 9	3°24	24° 1	2°37	25°10	24°54	18°26	15°15	F 12
S 13	19 25 35	21°45'57	27°41	4°37	6°23	24°55	11°26	8° 5	3°22	24° 0	2°39	24°57	24°51	18°32	15°17	S 13
S 14	19 29 32	22°43'13	9♒35	6°34	7°24	25°35	11°27	8° 1	3°19	24° 0	2°40	24°43	24°48	18°39	15°19	S 14
M15	19 33 28	23°40'29	21°32	8°29	8°25	26°15	11°28	7°57	3°17	23°59	2°42	24°31	24°45	18°46	15°21	M15
T 16	19 37 25	24°37'45	3♓35	10°22	9°27	26°55	11°29	7°53	3°14	23°59	2°43	24°22	24°41	18°53	15°23	T 16
W17	19 41 21	25°35'01	15°44	12°12	10°29	27°35	11°31	7°48	3°12	23°58	2°45	24°15	24°38	18°59	15°24	W17
T 18	19 45 18	26°32'17	28° 4	14° 1	11°32	28°15	11°32	7°44	3°10	23°57	2°46	24°11	24°35	19° 6	15°26	T 18
F 19	19 49 14	27°29'32	10♈37	15°48	12°34	28°55	11°34	7°40	3° 7	23°57	2°48	24° 9	24°32	19°13	15°27	F 19
S 20	19 53 11	28°26'48	23°28	17°32	13°37	29°35	11°36	7°35	3° 5	23°56	2°49	24° 8	24°29	19°20	15°29	S 20
S 21	19 57 8	29°24'04	6♉41	19°14	14°40	0♌15	11°39	7°31	3° 2	23°55	2°51	24° 8	24°25	19°26	15°30	S 21
M22	20 1 4	0♌21'21	20°19	20°54	15°43	0°54	11°41	7°27	3° 0	23°54	2°52	24° 7	24°22	19°33	15°32	M22
T 23	20 5 1	1°18'37	4♊24	22°32	16°47	1°34	11°43	7°22	2°57	23°53	2°54	24° 5	24°19	19°40	15°33	T 23
W24	20 8 57	2°15'54	18°55	24° 8	17°51	2°14	11°46	7°18	2°55	23°53	2°56	23°59	24°16	19°46	15°35	W24
T 25	20 12 54	3°13'11	3♋50	25°42	18°55	2°54	11°49	7°14	2°53	23°52	2°57	23°51	24°13	19°53	15°36	T 25
F 26	20 16 50	4°10'28	19° 1	27°13	19°59	3°33	11°52	7° 9	2°50	23°51	2°59	23°42	24°10	20° 0	15°37	F 26
S 27	20 20 47	5° 7'45	4♌18	28°42	21° 3	4°13	11°55	7° 5	2°48	23°50	3° 0	23°31	24° 6	20° 7	15°38	S 27
S 28	20 24 43	6° 5'02	19°29	0♍ 9	22° 8	4°53	11°59	7° 0	2°45	23°49	3° 2	23°21	24° 3	20°13	15°39	S 28
M29	20 28 40	7° 2'20	4♍25	1°34	23°13	5°32	12° 2	6°56	2°43	23°48	3° 3	23°12	24° 0	20°20	15°41	M29
T 30	20 32 37	7°59'37	18°57	2°57	24°18	6°12	12° 6	6°51	2°41	23°47	3° 5	23° 6	23°57	20°27	15°42	T 30
W31	20 36 33	8♌56'54	3♎ 1	4♍17	25♊23	6♌51	12♏10	6♒47	2♒38	23♓46	3♌ 6	23♎ 3	23♎54	20♑34	15♉43	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n53	8n43	4s23	23n52	0n54	15n54	2s59	23n 7	0n54	14s 0	1n14	18s 2	0s 6	19s43	0s33	3s 3	0s46	18n33	0s59	10s 0	9s48	17s 8	15n 3	1s11
T 2	22 49	4 20	3 37	23 50	1 2	16 6	3 0	23 2	0 54	14 0	1 13	18 3	0 6	19 43	0 33	3 3	0 47	18 33	0 59	9 58	9 46	17 7	15 4	1 12
W 3	22 44	0s 8	2 40	23 46	1 11	16 19	3 1	22 57	0 54	14 0	1 13	18 4	0 6	19 44	0 33	3 3	0 47	18 33	0 59	9 57	9 45	17 6	15 4	1 12
T 4	22 38	4 28	1 35	23 39	1 18	16 31	3 2	22 52	0 55	14 0	1 13	18 5	0 7	19 45	0 33	3 3	0 47	18 33	0 59	9 57	9 44	17 5	15 5	1 12
F 5	22 33	8 27	0 28	23 30	1 25	16 43	3 2	22 47	0 55	14 0	1 13	18 6	0 7	19 45	0 33	3 4	0 47	18 32	0 59	9 57	9 43	17 4	15 5	1 12
S 6	22 26	11 57	0n39	23 18	1 31	16 55	3 3	22 41	0 55	14 0	1 12	18 7	0 7	19 46	0 33	3 4	0 47	18 32	0 58	9 57	9 42	17 3	15 6	1 12
S 7	22 20	14 49	1 43	23 3	1 37	17 7	3 3	22 35	0 56	14 1	1 12	18 8	0 7	19 46	0 33	3 4	0 47	18 32	0 58	9 56	9 41	17 2	15 6	1 12
M 8	22 13	16 58	2 41	22 46	1 41	17 18	3 4	22 29	0 56	14 1	1 12	18 9	0 7	19 47	0 34	3 4	0 47	18 31	0 58	9 55	9 40	17 1	15 7	1 12
T 9	22 5	18 20	3 31	22 27	1 45	17 30	3 4	22 23	0 56	14 1	1 12	18 10	0 7	19 47	0 34	3 4	0 47	18 31	0 58	9 53	9 38	17 0	15 7	1 12
W10	21 58	18 53	4 11	22 5	1 48	17 41	3 4	22 17	0 57	14 1	1 11	18 11	0 7	19 48	0 34	3 4	0 47	18 31	0 58	9 50	9 37	16 59	15 8	1 13
T 11	21 50	18 35	4 39	21 42	1 51	17 52	3 4	22 11	0 57	14 2	1 11	18 13	0 7	19 48	0 34	3 5	0 47	18 31	0 58	9 46	9 36	16 59	15 8	1 13
F 12	21 41	17 28	4 56	21 16	1 52	18 3	3 3	22 4	0 57	14 2	1 11	18 14	0 7	19 49	0 34	3 5	0 47	18 30	0 58	9 41	9 35	16 58	15 9	1 13
S 13	21 32	15 36	4 59	20 49	1 53	18 14	3 3	21 57	0 57	14 3	1 10	18 15	0 7	19 49	0 34	3 5	0 47	18 30	0 58	9 36	9 34	16 57	15 9	1 13
S 14	21 23	13 5	4 50	20 21	1 53	18 24	3 2	21 50	0 58	14 3	1 10	18 16	0 7	19 50	0 34	3 5	0 47	18 30	0 58	9 31	9 33	16 56	15 10	1 13
M15	21 14	10 0	4 28	19 51	1 53	18 35	3 2	21 43	0 58	14 4	1 10	18 17	0 8	19 51	0 34	3 6	0 47	18 30	0 58	9 27	9 31	16 55	15 10	1 13
T 16	21 4	6 30	3 53	19 19	1 52	18 45	3 1	21 36	0 58	14 5	1 10	18 18	0 8	19 51	0 34	3 6	0 47	18 29	0 58	9 23	9 30	16 54	15 10	1 13
W17	20 53	2 42	3 8	18 47	1 50	18 55	3 0	21 28	0 59	14 5	1 9	18 19	0 8	19 52	0 34	3 6	0 47	18 29	0 58	9 21	9 29	16 53	15 11	1 13
T 18	20 43	1n16	2 13	18 13	1 47	19 4	2 59	21 20	0 59	14 6	1 9	18 21	0 8	19 52	0 34	3 6	0 47	18 29	0 58	9 19	9 28	16 52	15 11	1 14
F 19	20 32	5 16	1 11	17 39	1 44	19 13	2 58	21 13	0 59	14 7	1 9	18 22	0 8	19 53	0 34	3 7	0 47	18 28	0 58	9 18	9 27	16 51	15 11	1 14
S 20	20 20	9 7	0 4	17 4	1 40	19 22	2 56	21 5	0 59	14 8	1 9	18 23	0 8	19 53	0 34	3 7	0 47	18 28	0 58	9 18	9 26	16 50	15 12	1 14
S 21	20 9	12 37	1s 6	16 28	1 35	19 31	2 55	20 57	1 0	14 9	1 8	18 24	0 8	19 54	0 34	3 7	0 47	18 28	0 58	9 18	9 24	16 49	15 12	1 14
M22	19 57	15 34	2 14	15 52	1 30	19 39	2 54	20 48	1 0	14 10	1 8	18 25	0 8	19 55	0 34	3 8	0 47	18 28	0 57	9 18	9 23	16 48	15 12	1 14
T 23	19 44	17 41	3 16	15 15	1 25	19 47	2 52	20 40	1 0	14 11	1 8	18 27	0 8	19 55	0 34	3 8	0 47	18 27	0 57	9 17	9 22	16 47	15 12	1 14
W24	19 32	18 43	4 7	14 38	1 18	19 54	2 50	20 31	1 1	14 12	1 8	18 28	0 8	19 56	0 34	3 8	0 47	18 27	0 57	9 15	9 21	16 46	15 13	1 14
T 25	19 19	18 31	4 43	14 0	1 12	20 2	2 49	20 22	1 1	14 13	1 7	18 29	0 8	19 56	0 34	3 9	0 47	18 27	0 57	9 12	9 20	16 45	15 13	1 15
F 26	19 5	17 0	5 0	13 22	1 5	20 8	2 47	20 14	1 1	14 14	1 7	18 30	0 9	19 57	0 34	3 9	0 47	18 26	0 57	9 8	9 19	16 44	15 13	1 15
S 27	18 52	14 16	4 56	12 44	0 57	20 15	2 45	20 4	1 1	14 15	1 7	18 31	0 9	19 57	0 34	3 10	0 47	18 26	0 57	9 5	9 18	16 43	15 13	1 15
S 28	18 38	10 35	4 31	12 6	0 49	20 21	2 43	19 55	1 2	14 16	1 7	18 33	0 9	19 58	0 34	3 10	0 47	18 26	0 57	9 1	9 16	16 42	15 14	1 15
M29	18 24	6 18	3 47	11 28	0 40	20 26	2 41	19 46	1 2	14 18	1 6	18 34	0 9	19 58	0 34	3 10	0 47	18 25	0 57	8 58	9 15	16 41	15 14	1 15
T 30	18 9	1 44	2 50	10 51	0 31	20 32	2 38	19 36	1 2	14 19	1 6	18 35	0 9	19 59	0 34	3 11	0 47	18 25	0 57	8 55	9 14	16 40	15 14	1 15
W31	17n54	2s47	1s44	10n13	0n22	20n36	2s36	19n27	1n 2	14s21	1n 6	18s36	0s 9	20s 0	0s34	3s11	0s47	18n25	0s57	8s54	9s13	16s39	15n14	1s15

Julian Day Number = 2878329.5, Delta T = 01h14m39s
Ecliptic obliquity = 23°17'08, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°06'15, Lahiri = 40°13'15

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ASTRODIENST EPHEMERIS for the year 3168
geocentric

AUGUST 3168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 40 30	9♌54'11	16♎36	5♍35	26♊28	7♌31	12♏14	6°R42	2°R36	23°R45	3♌ 8	23°R 1	23♎51	20♑40	15♉44	T 1
F 2	20 44 26	10°51'28	29°43	6°50	27°33	8°10	12°18	6♒38	2♒33	23♓44	3° 9	23°D 1	23°47	20°47	15°44	F 2
S 3	20 48 23	11°48'45	12♏27	8° 3	28°39	8°50	12°23	6°34	2°31	23°43	3°11	23°R 2	23°44	20°54	15°45	S 3
S 4	20 52 19	12°46'02	24°51	9°14	29°45	9°29	12°27	6°29	2°29	23°42	3°13	23♎ 1	23°41	21° 0	15°46	S 4
M 5	20 56 16	13°43'19	7♐ 1	10°22	0♋51	10° 8	12°32	6°25	2°26	23°40	3°14	22°59	23°38	21° 7	15°47	M 5
T 6	21 0 12	14°40'37	19° 1	11°27	1°57	10°48	12°37	6°21	2°24	23°39	3°16	22°54	23°35	21°14	15°47	T 6
W 7	21 4 9	15°37'54	0♑55	12°29	3° 3	11°27	12°42	6°16	2°21	23°38	3°17	22°46	23°31	21°21	15°48	W 7
T 8	21 8 6	16°35'12	12°47	13°29	4°10	12° 6	12°47	6°12	2°19	23°37	3°19	22°37	23°28	21°27	15°49	T 8
F 9	21 12 2	17°32'30	24°39	14°25	5°17	12°45	12°52	6° 8	2°17	23°36	3°20	22°26	23°25	21°34	15°49	F 9
S 10	21 15 59	18°29'48	6♒35	15°19	6°23	13°25	12°58	6° 3	2°14	23°34	3°22	22°14	23°22	21°41	15°50	S 10
S 11	21 19 55	19°27'07	18°34	16° 9	7°30	14° 4	13° 3	5°59	2°12	23°33	3°23	22° 2	23°19	21°47	15°50	S 11
M12	21 23 52	20°24'26	0♓39	16°56	8°37	14°43	13° 9	5°55	2°10	23°32	3°25	21°52	23°16	21°54	15°50	M12
T 13	21 27 48	21°21'46	12°50	17°39	9°45	15°22	13°15	5°51	2° 8	23°31	3°26	21°44	23°12	22° 1	15°51	T 13
W14	21 31 45	22°19'06	25°10	18°19	10°52	16° 1	13°21	5°46	2° 5	23°29	3°28	21°39	23° 9	22° 8	15°51	W14
T 15	21 35 41	23°16'27	7♈40	18°55	12° 0	16°40	13°27	5°42	2° 3	23°28	3°29	21°36	23° 6	22°14	15°51	T 15
F 16	21 39 38	24°13'50	20°22	19°27	13° 7	17°19	13°33	5°38	2° 1	23°26	3°31	21°D35	23° 3	22°21	15°51	F 16
S 17	21 43 35	25°11'13	3♉19	19°55	14°15	17°58	13°40	5°34	1°59	23°25	3°32	21°35	23° 0	22°28	15°51	S 17
S 18	21 47 31	26° 8'37	16°33	20°18	15°23	18°37	13°46	5°30	1°57	23°24	3°33	21°36	22°57	22°35	15°R51	S 18
M19	21 51 28	27° 6'02	0♊ 8	20°37	16°31	19°16	13°53	5°26	1°55	23°22	3°35	21°R36	22°53	22°41	15°51	M19
T 20	21 55 24	28° 3'28	14° 5	20°51	17°39	19°55	14° 0	5°22	1°52	23°21	3°36	21°35	22°50	22°48	15°51	T 20
W21	21 59 21	29° 0'55	28°24	21° 1	18°47	20°34	14° 7	5°18	1°50	23°19	3°38	21°32	22°47	22°55	15°51	W21
T 22	22 3 17	29°58'24	13♋ 2	21°R 5	19°56	21°13	14°14	5°15	1°48	23°18	3°39	21°27	22°44	23° 1	15°51	T 22
F 23	22 7 14	0♍55'54	27°56	21° 4	21° 4	21°52	14°21	5°11	1°46	23°16	3°41	21°20	22°41	23° 8	15°51	F 23
S 24	22 11 10	1°53'24	12♌57	20°58	22°13	22°31	14°29	5° 7	1°44	23°15	3°42	21°13	22°37	23°15	15°51	S 24
S 25	22 15 7	2°50'56	27°55	20°47	23°22	23°10	14°36	5° 3	1°42	23°13	3°43	21° 5	22°34	23°22	15°50	S 25
M26	22 19 4	3°48'28	12♍43	20°30	24°31	23°48	14°44	5° 0	1°40	23°12	3°45	20°59	22°31	23°28	15°50	M26
T 27	22 23 0	4°46'02	27°12	20° 8	25°40	24°27	14°52	4°56	1°39	23°10	3°46	20°55	22°28	23°35	15°50	T 27
W28	22 26 57	5°43'36	11♎16	19°41	26°49	25° 6	14°59	4°53	1°37	23° 9	3°47	20°53	22°25	23°42	15°49	W28
T 29	22 30 53	6°41'11	24°54	19° 9	27°58	25°45	15° 7	4°49	1°35	23° 7	3°49	20°D53	22°22	23°48	15°48	T 29
F 30	22 34 50	7°38'47	8♏ 5	18°32	29° 8	26°23	15°16	4°46	1°33	23° 6	3°50	20°54	22°18	23°55	15°48	F 30
S 31	22 38 46	8♍36'24	20♏53	17♍52	0♌17	27♌ 2	15♏24	4♒43	1♒31	23♓ 4	3♌51	20♎55	22♎15	24♑ 2	15♉47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n39	7s 0	0s34	9n36	0n12	20n41	2s34	19n17	1n 3	14s22	1n 6	18s37	0s 9	20s 0	0s34	3s12	0s47	18n25	0s57	8s54	9s12	16s38	15n14	1s16
F 2	17 24	10 45	0n36	8 59	0 2	20 45	2 31	19 7	1 3	14 23	1 5	18 39	0 9	20 1	0 34	3 12	0 48	18 24	0 57	8 54	9 11	16 37	15 14	1 16
S 3	17 8	13 52	1 41	8 22	0s 8	20 48	2 29	18 57	1 3	14 25	1 5	18 40	0 9	20 1	0 34	3 13	0 48	18 24	0 57	8 54	9 9	16 36	15 14	1 16
S 4	16 52	16 16	2 40	7 46	0 19	20 51	2 26	18 47	1 3	14 27	1 5	18 41	0 9	20 2	0 34	3 13	0 48	18 24	0 57	8 53	9 8	16 35	15 14	1 16
M 5	16 36	17 52	3 31	7 10	0 30	20 53	2 23	18 37	1 4	14 28	1 5	18 42	0 9	20 2	0 34	3 14	0 48	18 23	0 57	8 53	9 7	16 33	15 15	1 16
T 6	16 20	18 39	4 12	6 35	0 42	20 56	2 21	18 26	1 4	14 30	1 4	18 43	0 9	20 3	0 34	3 14	0 48	18 23	0 57	8 51	9 6	16 32	15 15	1 16
W 7	16 3	18 36	4 41	6 1	0 53	20 57	2 18	18 16	1 4	14 32	1 4	18 44	0 10	20 3	0 34	3 15	0 48	18 23	0 57	8 48	9 5	16 31	15 15	1 16
T 8	15 46	17 44	4 58	5 27	1 5	20 58	2 15	18 5	1 4	14 33	1 4	18 46	0 10	20 4	0 34	3 15	0 48	18 22	0 56	8 45	9 4	16 30	15 15	1 17
F 9	15 29	16 6	5 2	4 54	1 17	20 59	2 12	17 54	1 4	14 35	1 4	18 47	0 10	20 4	0 34	3 16	0 48	18 22	0 56	8 40	9 2	16 29	15 15	1 17
S 10	15 11	13 46	4 53	4 23	1 29	20 59	2 9	17 43	1 5	14 37	1 4	18 48	0 10	20 5	0 34	3 16	0 48	18 22	0 56	8 36	9 1	16 28	15 15	1 17
S 11	14 53	10 52	4 31	3 52	1 42	20 58	2 6	17 32	1 5	14 39	1 3	18 49	0 10	20 5	0 34	3 17	0 48	18 22	0 56	8 32	9 0	16 27	15 15	1 17
M12	14 36	7 28	3 57	3 22	1 54	20 57	2 3	17 21	1 5	14 41	1 3	18 50	0 10	20 6	0 34	3 17	0 48	18 21	0 56	8 28	8 59	16 26	15 15	1 17
T 13	14 17	3 45	3 11	2 54	2 7	20 56	2 0	17 10	1 5	14 43	1 3	18 51	0 10	20 6	0 34	3 18	0 48	18 21	0 56	8 25	8 58	16 25	15 15	1 17
W14	13 59	0n11	2 16	2 27	2 19	20 54	1 57	16 58	1 5	14 45	1 3	18 52	0 10	20 7	0 34	3 18	0 48	18 21	0 56	8 23	8 57	16 24	15 15	1 17
T 15	13 40	4 9	1 14	2 1	2 32	20 52	1 54	16 47	1 6	14 47	1 2	18 53	0 10	20 7	0 34	3 19	0 48	18 20	0 56	8 22	8 55	16 23	15 14	1 18
F 16	13 22	8 0	0 6	1 37	2 45	20 49	1 51	16 35	1 6	14 49	1 2	18 54	0 10	20 8	0 34	3 19	0 48	18 20	0 56	8 22	8 54	16 22	15 14	1 18
S 17	13 3	11 34	1s 3	1 15	2 57	20 45	1 47	16 24	1 6	14 51	1 2	18 55	0 10	20 8	0 34	3 20	0 48	18 20	0 56	8 22	8 53	16 21	15 14	1 18
S 18	12 43	14 36	2 10	0 55	3 9	20 41	1 44	16 12	1 6	14 53	1 2	18 57	0 10	20 9	0 34	3 20	0 48	18 20	0 56	8 22	8 52	16 20	15 14	1 18
M19	12 24	16 55	3 12	0 36	3 22	20 36	1 41	16 0	1 6	14 55	1 2	18 58	0 11	20 9	0 34	3 21	0 48	18 19	0 56	8 22	8 51	16 19	15 14	1 18
T 20	12 4	18 18	4 4	0 20	3 33	20 31	1 37	15 48	1 7	14 58	1 1	18 59	0 11	20 10	0 34	3 22	0 48	18 19	0 56	8 22	8 50	16 18	15 14	1 18
W21	11 45	18 34	4 42	0 6	3 45	20 26	1 34	15 36	1 7	15 0	1 1	19 0	0 11	20 10	0 34	3 22	0 48	18 19	0 56	8 21	8 48	16 17	15 14	1 18
T 22	11 25	17 37	5 3	0s 6	3 56	20 19	1 30	15 24	1 7	15 2	1 1	19 1	0 11	20 11	0 34	3 23	0 48	18 18	0 56	8 19	8 47	16 16	15 13	1 19
F 23	11 4	15 28	5 5	0 15	4 6	20 13	1 27	15 11	1 7	15 5	1 1	19 2	0 11	20 11	0 34	3 23	0 48	18 18	0 56	8 16	8 46	16 14	15 13	1 19
S 24	10 44	12 15	4 45	0 22	4 16	20 6	1 24	14 59	1 7	15 7	1 0	19 3	0 11	20 12	0 34	3 24	0 48	18 18	0 56	8 13	8 45	16 13	15 13	1 19
S 25	10 24	8 16	4 6	0 26	4 25	19 58	1 20	14 46	1 7	15 9	1 0	19 4	0 11	20 12	0 34	3 25	0 48	18 18	0 56	8 11	8 44	16 12	15 13	1 19
M26	10 3	3 48	3 11	0 26	4 32	19 49	1 17	14 34	1 8	15 12	1 0	19 4	0 11	20 12	0 34	3 25	0 48	18 17	0 56	8 8	8 42	16 11	15 13	1 19
T 27	9 42	0s48	2 4	0 24	4 39	19 41	1 13	14 21	1 8	15 14	1 0	19 5	0 11	20 13	0 34	3 26	0 48	18 17	0 56	8 7	8 41	16 10	15 12	1 19
W28	9 21	5 13	0 52	0 19	4 45	19 31	1 10	14 8	1 8	15 17	1 0	19 6	0 11	20 13	0 34	3 26	0 48	18 17	0 55	8 6	8 40	16 9	15 12	1 19
T 29	9 0	9 15	0n22	0 10	4 49	19 21	1 6	13 56	1 8	15 19	0 59	19 7	0 11	20 14	0 34	3 27	0 48	18 17	0 55	8 6	8 39	16 8	15 12	1 20
F 30	8 39	12 40	1 32	0n 1	4 52	19 11	1 2	13 43	1 8	15 22	0 59	19 8	0 11	20 14	0 34	3 28	0 48	18 16	0 55	8 6	8 38	16 7	15 11	1 20
S 31	8n17	15s22	2n35	0n16	4s53	19n 0	0s59	13n30	1n 8	15s24	0n59	19s 9	0s11	20s14	0s34	3s28	0s48	18n16	0s55	8s 7	8s37	16s 6	15n11	1s20

Julian Day Number = 2878360.5, Delta T = 01h14m40s
Ecliptic obliquity = 23°17'09, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°06'19, Lahiri = 40°13'19

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ASTRODIENST EPHEMERIS for the year 3168
geocentric

SEPTEMBER 3168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 42 43	9♍34'02	3♐20	17°R 7	1♌27	27♌41	15♏32	4°R39	1°R29	23°R 3	3♌53	20♎56	22♎12	24♑ 9	15°R47	S 1
M 2	22 46 39	10°31'40	15°31	16♍20	2°36	28°19	15°41	4♒36	1♒28	23♓ 1	3°54	20°R56	22° 9	24°15	15♉46	M 2
T 3	22 50 36	11°29'20	27°32	15°31	3°46	28°58	15°49	4°33	1°26	22°59	3°55	20°55	22° 6	24°22	15°45	T 3
W 4	22 54 33	12°27'00	9♑26	14°40	4°56	29°36	15°58	4°30	1°24	22°58	3°57	20°52	22° 2	24°29	15°44	W 4
T 5	22 58 29	13°24'42	21°19	13°49	6° 6	0♍15	16° 7	4°27	1°23	22°56	3°58	20°47	21°59	24°36	15°43	T 5
F 6	23 2 26	14°22'24	3♒13	12°58	7°16	0°53	16°16	4°24	1°21	22°55	3°59	20°41	21°56	24°42	15°42	F 6
S 7	23 6 22	15°20'08	15°12	12°10	8°26	1°32	16°25	4°21	1°20	22°53	4° 0	20°35	21°53	24°49	15°41	S 7
S 8	23 10 19	16°17'52	27°18	11°23	9°36	2°10	16°34	4°19	1°18	22°51	4° 2	20°29	21°50	24°56	15°40	S 8
M 9	23 14 15	17°15'38	9♓32	10°41	10°47	2°49	16°43	4°16	1°17	22°50	4° 3	20°23	21°47	25° 2	15°39	M 9
T 10	23 18 12	18°13'25	21°57	10° 3	11°57	3°27	16°52	4°14	1°15	22°48	4° 4	20°19	21°43	25° 9	15°38	T 10
W11	23 22 8	19°11'14	4♈33	9°30	13° 8	4° 6	17° 2	4°11	1°14	22°46	4° 5	20°17	21°40	25°16	15°37	W11
T 12	23 26 5	20° 9'03	17°20	9° 4	14°18	4°44	17°11	4° 9	1°13	22°45	4° 6	20°D16	21°37	25°23	15°36	T 12
F 13	23 30 1	21° 6'55	0♉20	8°44	15°29	5°22	17°21	4° 6	1°11	22°43	4° 7	20°16	21°34	25°29	15°34	F 13
S 14	23 33 58	22° 4'48	13°32	8°32	16°40	6° 1	17°31	4° 4	1°10	22°41	4° 8	20°17	21°31	25°36	15°33	S 14
S 15	23 37 55	23° 2'43	26°59	8°D28	17°51	6°39	17°40	4° 2	1° 9	22°40	4°10	20°19	21°28	25°43	15°32	S 15
M16	23 41 51	24° 0'39	10♊40	8°32	19° 2	7°17	17°50	4° 0	1° 8	22°38	4°11	20°20	21°24	25°49	15°30	M16
T 17	23 45 48	24°58'38	24°35	8°43	20°13	7°56	18° 0	3°58	1° 7	22°37	4°12	20°R21	21°21	25°56	15°29	T 17
W18	23 49 44	25°56'38	8♋45	9° 4	21°24	8°34	18°10	3°56	1° 6	22°35	4°13	20°20	21°18	26° 3	15°27	W18
T 19	23 53 41	26°54'40	23° 8	9°32	22°35	9°12	18°21	3°54	1° 5	22°33	4°14	20°19	21°15	26°10	15°26	T 19
F 20	23 57 37	27°52'44	7♌39	10° 9	23°47	9°50	18°31	3°52	1° 4	22°32	4°15	20°16	21°12	26°16	15°24	F 20
S 21	0 1 34	28°50'50	22°15	10°53	24°58	10°28	18°41	3°51	1° 3	22°30	4°16	20°13	21° 8	26°23	15°22	S 21
S 22	0 5 30	29°48'57	6♍49	11°46	26°10	11° 7	18°52	3°49	1° 2	22°28	4°17	20°10	21° 5	26°30	15°21	S 22
M23	0 9 27	0♎47'06	21°15	12°45	27°21	11°45	19° 2	3°48	1° 1	22°27	4°18	20° 8	21° 2	26°37	15°19	M23
T 24	0 13 24	1°45'17	5♎27	13°52	28°33	12°23	19°13	3°46	1° 0	22°25	4°19	20° 7	20°59	26°43	15°17	T 24
W25	0 17 20	2°43'30	19°21	15° 5	29°45	13° 1	19°24	3°45	0°59	22°23	4°20	20°D 6	20°56	26°50	15°15	W25
T 26	0 21 17	3°41'44	2♏53	16°24	0♍56	13°39	19°34	3°44	0°59	22°22	4°20	20° 7	20°53	26°57	15°13	T 26
F 27	0 25 13	4°39'59	16° 3	17°49	2° 8	14°17	19°45	3°43	0°58	22°20	4°21	20° 8	20°49	27° 3	15°11	F 27
S 28	0 29 10	5°38'16	28°52	19°18	3°20	14°55	19°56	3°42	0°57	22°19	4°22	20° 9	20°46	27°10	15° 9	S 28
S 29	0 33 6	6°36'35	11♐21	20°52	4°32	15°33	20° 7	3°41	0°57	22°17	4°23	20°10	20°43	27°17	15° 7	S 29
M30	0 37 3	7♎34'55	23♐35	22♍30	5♍45	16♍11	20♏18	3♒40	0♒56	22♓15	4♌24	20♎11	20♎40	27♑24	15♉ 5	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n56	17s15	3n30	0n34	4s52	18n49	0s55	13n17	1n 9	15s27	0n59	19s10	0s12	20s15	0s34	3s29	0s48	18n16	0s55	8s 7	8s35	16s 5	15n11	1s20
M 2	7 34	18 18	4 13	0 54	4 50	18 37	0 52	13 3	1 9	15 30	0 59	19 11	0 12	20 15	0 34	3 30	0 48	18 16	0 55	8 7	8 34	16 4	15 10	1 20
T 3	7 13	18 31	4 45	1 17	4 46	18 24	0 48	12 50	1 9	15 32	0 58	19 11	0 12	20 16	0 34	3 30	0 48	18 15	0 55	8 7	8 33	16 3	15 10	1 20
W 4	6 51	17 54	5 4	1 42	4 40	18 11	0 45	12 37	1 9	15 35	0 58	19 12	0 12	20 16	0 34	3 31	0 48	18 15	0 55	8 6	8 32	16 1	15 10	1 20
T 5	6 29	16 30	5 10	2 8	4 32	17 58	0 41	12 23	1 9	15 38	0 58	19 13	0 12	20 16	0 34	3 32	0 48	18 15	0 55	8 4	8 31	16 0	15 9	1 21
F 6	6 7	14 24	5 3	2 37	4 22	17 44	0 38	12 10	1 9	15 40	0 58	19 14	0 12	20 17	0 34	3 32	0 48	18 15	0 55	8 2	8 30	15 59	15 9	1 21
S 7	5 45	11 40	4 42	3 6	4 10	17 29	0 34	11 57	1 9	15 43	0 58	19 14	0 12	20 17	0 34	3 33	0 48	18 14	0 55	7 59	8 28	15 58	15 8	1 21
S 8	5 22	8 26	4 9	3 35	3 57	17 14	0 31	11 43	1 9	15 46	0 58	19 15	0 12	20 17	0 34	3 33	0 48	18 14	0 55	7 57	8 27	15 57	15 8	1 21
M 9	5 0	4 47	3 24	4 5	3 43	16 59	0 27	11 29	1 10	15 49	0 57	19 16	0 12	20 17	0 33	3 34	0 48	18 14	0 55	7 55	8 26	15 56	15 8	1 21
T 10	4 38	0 54	2 29	4 33	3 27	16 43	0 24	11 16	1 10	15 51	0 57	19 17	0 12	20 18	0 33	3 35	0 48	18 14	0 55	7 53	8 25	15 55	15 7	1 21
W11	4 15	3n 6	1 25	5 1	3 10	16 27	0 20	11 2	1 10	15 54	0 57	19 17	0 12	20 18	0 33	3 35	0 48	18 13	0 55	7 53	8 24	15 54	15 7	1 21
T 12	3 53	7 1	0 16	5 27	2 52	16 10	0 17	10 48	1 10	15 57	0 57	19 18	0 12	20 18	0 33	3 36	0 48	18 13	0 55	7 52	8 22	15 53	15 6	1 22
F 13	3 30	10 39	0s55	5 52	2 34	15 53	0 13	10 34	1 10	16 0	0 57	19 18	0 12	20 19	0 33	3 37	0 48	18 13	0 55	7 52	8 21	15 51	15 6	1 22
S 14	3 7	13 49	2 4	6 13	2 15	15 35	0 10	10 20	1 10	16 3	0 56	19 19	0 12	20 19	0 33	3 37	0 48	18 13	0 55	7 53	8 20	15 50	15 5	1 22
S 15	2 45	16 18	3 8	6 32	1 56	15 17	0 7	10 6	1 10	16 6	0 56	19 20	0 12	20 19	0 33	3 38	0 48	18 12	0 55	7 53	8 19	15 49	15 5	1 22
M16	2 22	17 54	4 2	6 49	1 38	14 58	0 3	9 52	1 10	16 8	0 56	19 20	0 13	20 19	0 33	3 39	0 48	18 12	0 55	7 54	8 18	15 48	15 4	1 22
T 17	1 59	18 28	4 43	7 1	1 19	14 39	0 0	9 38	1 10	16 11	0 56	19 21	0 13	20 20	0 33	3 39	0 48	18 12	0 55	7 54	8 17	15 47	15 3	1 22
W18	1 36	17 53	5 8	7 11	1 1	14 20	0n 3	9 24	1 11	16 14	0 56	19 21	0 13	20 20	0 33	3 40	0 48	18 12	0 55	7 54	8 15	15 46	15 3	1 22
T 19	1 13	16 9	5 14	7 17	0 43	14 0	0 6	9 10	1 11	16 17	0 56	19 22	0 13	20 20	0 33	3 41	0 48	18 12	0 55	7 53	8 14	15 45	15 2	1 23
F 20	0 50	13 24	5 0	7 19	0 26	13 40	0 10	8 55	1 11	16 20	0 55	19 22	0 13	20 20	0 33	3 41	0 48	18 11	0 54	7 52	8 13	15 43	15 2	1 23
S 21	0 27	9 48	4 27	7 17	0 10	13 19	0 13	8 41	1 11	16 23	0 55	19 23	0 13	20 20	0 33	3 42	0 48	18 11	0 54	7 51	8 12	15 42	15 1	1 23
S 22	0 4	5 36	3 36	7 12	0n 6	12 58	0 16	8 27	1 11	16 26	0 55	19 23	0 13	20 21	0 33	3 43	0 48	18 11	0 54	7 50	8 11	15 41	15 0	1 23
M23	0s19	1 7	2 32	7 3	0 20	12 37	0 19	8 12	1 11	16 29	0 55	19 23	0 13	20 21	0 33	3 43	0 48	18 11	0 54	7 49	8 9	15 40	15 0	1 23
T 24	0 42	3s23	1 20	6 50	0 34	12 15	0 22	7 58	1 11	16 32	0 55	19 24	0 13	20 21	0 33	3 44	0 48	18 11	0 54	7 49	8 8	15 39	14 59	1 23
W25	1 5	7 35	0 4	6 33	0 46	11 53	0 25	7 44	1 11	16 35	0 55	19 24	0 13	20 21	0 33	3 45	0 48	18 11	0 54	7 49	8 7	15 38	14 59	1 23
T 26	1 28	11 18	1n10	6 13	0 57	11 30	0 28	7 29	1 11	16 38	0 55	19 24	0 13	20 21	0 33	3 45	0 48	18 10	0 54	7 49	8 6	15 37	14 58	1 23
F 27	1 51	14 19	2 19	5 49	1 7	11 8	0 31	7 15	1 11	16 41	0 54	19 25	0 13	20 21	0 33	3 46	0 48	18 10	0 54	7 49	8 5	15 35	14 57	1 24
S 28	2 14	16 33	3 18	5 23	1 16	10 44	0 34	7 0	1 11	16 44	0 54	19 25	0 13	20 21	0 33	3 46	0 48	18 10	0 54	7 50	8 4	15 34	14 57	1 24
S 29	2 36	17 55	4 7	4 53	1 24	10 21	0 36	6 45	1 11	16 47	0 54	19 25	0 13	20 21	0 33	3 47	0 48	18 10	0 54	7 50	8 2	15 33	14 56	1 24
M30	2s59	18s25	4n43	4n21	1n31	9n57	0n39	6n31	1n12	16s51	0n54	19s26	0s13	20s22	0s33	3s48	0s48	18n10	0s54	7s50	8s 1	15s32	14n55	1s24

Julian Day Number = 2878391.5, Delta T = 01h14m41s
Ecliptic obliquity = 23°17'09, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°06'23, Lahiri = 40°13'24

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ASTRODIENST EPHEMERIS for the year 3168
geocentric

OCTOBER 3168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 40 59	8♎33'17	5♉38	24♍11	6♍57	16♍49	20♏29	3°R40	0°R56	22°R14	4♌25	20°R11	20♎37	27♉30	15°R 3	T 1
W 2	0 44 56	9°31'40	17°33	25°54	8° 9	17°27	20°41	3♒39	0♒55	22♓12	4°25	20♎11	20°34	27°37	15♉ 1	W 2
T 3	0 48 52	10°30'05	29°26	27°40	9°21	18° 5	20°52	3°39	0°55	22°11	4°26	20°11	20°30	27°44	14°59	T 3
F 4	0 52 49	11°28'31	11♒21	29°28	10°34	18°43	21° 3	3°38	0°55	22° 9	4°27	20°10	20°27	27°50	14°57	F 4
S 5	0 56 46	12°26'59	23°23	1♎18	11°46	19°21	21°15	3°38	0°54	22° 8	4°28	20° 9	20°24	27°57	14°55	S 5
S 6	1 0 42	13°25'28	5♓34	3° 8	12°59	19°59	21°26	3°38	0°54	22° 6	4°28	20° 8	20°21	28° 4	14°52	S 6
M 7	1 4 39	14°23'59	17°58	4°59	14°11	20°37	21°38	3°D38	0°54	22° 5	4°29	20° 7	20°18	28°11	14°50	M 7
T 8	1 8 35	15°22'32	0♈36	6°51	15°24	21°15	21°50	3°38	0°54	22° 3	4°30	20° 6	20°14	28°17	14°48	T 8
W 9	1 12 32	16°21'06	13°29	8°42	16°37	21°53	22° 1	3°38	0°54	22° 2	4°30	20° 6	20°11	28°24	14°46	W 9
T 10	1 16 28	17°19'43	26°38	10°34	17°50	22°31	22°13	3°38	0°D54	22° 0	4°31	20°D 6	20° 8	28°31	14°43	T 10
F 11	1 20 25	18°18'21	10♉ 2	12°25	19° 3	23° 8	22°25	3°38	0°54	21°59	4°32	20° 6	20° 5	28°38	14°41	F 11
S 12	1 24 21	19°17'01	23°39	14°16	20°16	23°46	22°37	3°39	0°54	21°57	4°32	20° 6	20° 2	28°44	14°38	S 12
S 13	1 28 18	20°15'44	7♊28	16° 7	21°29	24°24	22°49	3°39	0°54	21°56	4°33	20°R 6	19°59	28°51	14°36	S 13
M14	1 32 15	21°14'28	21°26	17°57	22°42	25° 2	23° 1	3°40	0°54	21°55	4°33	20° 6	19°55	28°58	14°33	M14
T 15	1 36 11	22°13'15	5♋32	19°46	23°55	25°39	23°13	3°40	0°55	21°53	4°34	20° 6	19°52	29° 4	14°31	T 15
W16	1 40 8	23°12'04	19°43	21°35	25° 8	26°17	23°25	3°41	0°55	21°52	4°34	20°D 6	19°49	29°11	14°28	W16
T 17	1 44 4	24°10'56	3♌56	23°23	26°21	26°55	23°37	3°42	0°55	21°51	4°35	20° 6	19°46	29°18	14°26	T 17
F 18	1 48 1	25° 9'49	18°10	25°10	27°35	27°33	23°49	3°43	0°56	21°49	4°35	20° 6	19°43	29°25	14°23	F 18
S 19	1 51 57	26° 8'45	2♍21	26°56	28°48	28°10	24° 1	3°44	0°56	21°48	4°35	20° 7	19°39	29°31	14°21	S 19
S 20	1 55 54	27° 7'43	16°27	28°41	0♎ 2	28°48	24°13	3°45	0°57	21°47	4°36	20° 8	19°36	29°38	14°18	S 20
M21	1 59 50	28° 6'43	0♎25	0♏26	1°15	29°26	24°26	3°47	0°57	21°46	4°36	20° 8	19°33	29°45	14°15	M21
T 22	2 3 47	29° 5'45	14°12	2° 9	2°29	0♎ 3	24°38	3°48	0°58	21°44	4°36	20°R 9	19°30	29°51	14°13	T 22
W23	2 7 44	0♏ 4'49	27°45	3°52	3°42	0°41	24°51	3°50	0°58	21°43	4°37	20° 9	19°27	29°58	14°10	W23
T 24	2 11 40	1° 3'55	11♏ 3	5°34	4°56	1°18	25° 3	3°51	0°59	21°42	4°37	20° 8	19°24	0♒ 5	14° 7	T 24
F 25	2 15 37	2° 3'03	24° 3	7°16	6°10	1°56	25°16	3°53	1° 0	21°41	4°37	20° 7	19°20	0°12	14° 5	F 25
S 26	2 19 33	3° 2'14	6♐47	8°56	7°23	2°34	25°28	3°55	1° 1	21°40	4°37	20° 5	19°17	0°18	14° 2	S 26
S 27	2 23 30	4° 1'25	19°14	10°36	8°37	3°11	25°41	3°56	1° 2	21°38	4°38	20° 3	19°14	0°25	13°59	S 27
M28	2 27 26	5° 0'39	1♑28	12°14	9°51	3°49	25°53	3°58	1° 3	21°37	4°38	20° 1	19°11	0°32	13°57	M28
T 29	2 31 23	5°59'55	13°30	13°53	11° 5	4°26	26° 6	4° 0	1° 3	21°36	4°38	19°59	19° 8	0°38	13°54	T 29
W30	2 35 19	6°59'12	25°26	15°30	12°19	5° 4	26°19	4° 3	1° 5	21°35	4°38	19°58	19° 5	0°45	13°51	W30
T 31	2 39 16	7♏58'31	7♒18	17♏ 7	13♎33	5♎41	26♏31	4♒ 5	1♒ 6	21♓34	4♌38	19°D58	19♎ 1	0♒52	13♉48	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s22	18s 4	5n 6	3n47	1n37	9n33	0n42	6n16	1n12	16s54	0n54	19s26	0s13	20s22	0s33	3s48	0s48	18n10	0s54	7s50	8s 0	15s31	14n54	1s24
W 2	3 45	16 55	5 16	3 10	1 41	9 9	0 45	6 2	1 12	16 57	0 54	19 26	0 14	20 22	0 33	3 49	0 48	18 9	0 54	7 50	7 59	15 30	14 54	1 24
T 3	4 8	15 2	5 12	2 31	1 45	8 44	0 47	5 47	1 12	17 0	0 54	19 26	0 14	20 22	0 33	3 50	0 48	18 9	0 54	7 50	7 58	15 28	14 53	1 24
F 4	4 31	12 31	4 55	1 51	1 47	8 20	0 50	5 32	1 12	17 3	0 53	19 26	0 14	20 22	0 33	3 50	0 48	18 9	0 54	7 50	7 56	15 27	14 52	1 24
S 5	4 53	9 28	4 25	1 10	1 49	7 54	0 52	5 17	1 12	17 6	0 53	19 26	0 14	20 22	0 33	3 51	0 48	18 9	0 54	7 49	7 55	15 26	14 51	1 25
S 6	5 16	5 57	3 43	0 27	1 50	7 29	0 55	5 3	1 12	17 9	0 53	19 26	0 14	20 22	0 33	3 51	0 48	18 9	0 54	7 49	7 54	15 25	14 51	1 25
M 7	5 39	2 8	2 49	0s17	1 50	7 4	0 57	4 48	1 12	17 12	0 53	19 27	0 14	20 22	0 33	3 52	0 48	18 9	0 54	7 49	7 53	15 24	14 50	1 25
T 8	6 1	1n52	1 46	1 2	1 49	6 38	0 59	4 33	1 12	17 15	0 53	19 27	0 14	20 22	0 33	3 52	0 48	18 9	0 54	7 49	7 52	15 23	14 49	1 25
W 9	6 23	5 51	0 37	1 47	1 48	6 12	1 1	4 18	1 12	17 18	0 53	19 27	0 14	20 22	0 33	3 53	0 48	18 9	0 54	7 49	7 50	15 21	14 48	1 25
T 10	6 46	9 39	0s36	2 32	1 46	5 45	1 4	4 3	1 12	17 21	0 53	19 27	0 14	20 22	0 33	3 54	0 48	18 8	0 54	7 49	7 49	15 20	14 48	1 25
F 11	7 8	13 1	1 48	3 18	1 43	5 19	1 6	3 49	1 12	17 25	0 52	19 27	0 14	20 22	0 33	3 54	0 48	18 8	0 54	7 49	7 48	15 19	14 47	1 25
S 12	7 30	15 44	2 56	4 3	1 40	4 52	1 8	3 34	1 12	17 28	0 52	19 27	0 14	20 22	0 33	3 55	0 48	18 8	0 54	7 49	7 47	15 18	14 46	1 25
S 13	7 52	17 34	3 54	4 49	1 36	4 26	1 10	3 19	1 12	17 31	0 52	19 27	0 14	20 22	0 33	3 55	0 48	18 8	0 54	7 49	7 46	15 17	14 45	1 26
M14	8 14	18 23	4 38	5 34	1 32	3 59	1 12	3 4	1 12	17 34	0 52	19 26	0 14	20 22	0 33	3 56	0 48	18 8	0 54	7 49	7 44	15 15	14 44	1 26
T 15	8 36	18 4	5 7	6 20	1 28	3 32	1 13	2 49	1 12	17 37	0 52	19 26	0 14	20 22	0 33	3 56	0 48	18 8	0 53	7 49	7 43	15 14	14 43	1 26
W16	8 58	16 37	5 17	7 5	1 23	3 4	1 15	2 34	1 12	17 40	0 52	19 26	0 14	20 22	0 33	3 57	0 48	18 8	0 53	7 49	7 42	15 13	14 43	1 26
T 17	9 19	14 9	5 8	7 49	1 18	2 37	1 17	2 19	1 12	17 43	0 52	19 26	0 14	20 21	0 33	3 57	0 48	18 8	0 53	7 49	7 41	15 12	14 42	1 26
F 18	9 41	10 50	4 40	8 33	1 12	2 9	1 18	2 5	1 12	17 46	0 52	19 26	0 14	20 21	0 33	3 58	0 48	18 8	0 53	7 49	7 40	15 11	14 41	1 26
S 19	10 2	6 54	3 55	9 17	1 7	1 42	1 20	1 50	1 12	17 49	0 52	19 26	0 15	20 21	0 33	3 58	0 48	18 8	0 53	7 49	7 39	15 9	14 40	1 26
S 20	10 23	2 36	2 56	9 59	1 1	1 14	1 21	1 35	1 12	17 53	0 51	19 25	0 15	20 21	0 33	3 59	0 48	18 8	0 53	7 49	7 37	15 8	14 39	1 26
M21	10 44	1s48	1 47	10 42	0 55	0 46	1 23	1 20	1 12	17 56	0 51	19 25	0 15	20 21	0 33	3 59	0 48	18 8	0 53	7 49	7 36	15 7	14 38	1 26
T 22	11 5	6 4	0 33	11 23	0 48	0 19	1 24	1 5	1 12	17 59	0 51	19 25	0 15	20 21	0 33	4 0	0 48	18 8	0 53	7 49	7 35	15 6	14 37	1 26
W23	11 26	9 57	0n42	12 4	0 42	0s 9	1 25	0 50	1 12	18 2	0 51	19 25	0 15	20 21	0 33	4 0	0 48	18 8	0 53	7 49	7 34	15 5	14 37	1 27
T 24	11 46	13 15	1 53	12 44	0 35	0 37	1 27	0 35	1 12	18 5	0 51	19 24	0 15	20 20	0 33	4 1	0 48	18 8	0 53	7 49	7 33	15 3	14 36	1 27
F 25	12 7	15 48	2 57	13 24	0 29	1 5	1 28	0 21	1 12	18 8	0 51	19 24	0 15	20 20	0 33	4 1	0 48	18 8	0 53	7 49	7 31	15 2	14 35	1 27
S 26	12 27	17 31	3 50	14 2	0 22	1 33	1 29	0 6	1 12	18 11	0 51	19 24	0 15	20 20	0 33	4 2	0 48	18 7	0 53	7 48	7 30	15 1	14 34	1 27
S 27	12 47	18 21	4 31	14 40	0 15	2 1	1 30	0s 9	1 12	18 14	0 51	19 23	0 15	20 20	0 33	4 2	0 48	18 7	0 53	7 47	7 29	15 0	14 33	1 27
M28	13 7	18 17	4 59	15 17	0 8	2 29	1 31	0 24	1 12	18 17	0 51	19 23	0 15	20 20	0 33	4 3	0 48	18 7	0 53	7 47	7 28	14 59	14 32	1 27
T 29	13 26	17 24	5 14	15 53	0 1	2 57	1 31	0 39	1 12	18 20	0 51	19 22	0 15	20 19	0 33	4 3	0 48	18 7	0 53	7 46	7 27	14 57	14 31	1 27
W30	13 46	15 46	5 14	16 28	0s 6	3 25	1 32	0 53	1 12	18 23	0 50	19 22	0 15	20 19	0 32	4 3	0 48	18 7	0 53	7 45	7 25	14 56	14 30	1 27
T 31	14s 5	13s28	5n 1	17s 2	0s13	3s53	1n33	1s 8	1n12	18s26	0n50	19s21	0s15	20s19	0s32	4s 4	0s48	18n 7	0s53	7s45	7s24	14s55	14n29	1s27

Julian Day Number = 2878421.5, Delta T = 01h14m41s
Ecliptic obliquity = 23°17'09, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°06'27, Lahiri = 40°13'28

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ASTRODIENST EPHEMERIS for the year 3168
geocentric

NOVEMBER 3168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 43 12	8♏57'51	19♒13	18♏43	14♎47	6♎19	26♏44	4♒ 7	1♒ 7	21°R33	4♌38	19♎58	18♎58	0♒59	13°R46	F 1
S 2	2 47 9	9°57'14	1♓14	20°18	16° 1	6°56	26°57	4°10	1° 8	21♓32	4°38	19°59	18°55	1° 5	13♉43	S 2
S 3	2 51 6	10°56'38	13°26	21°52	17°15	7°33	27°10	4°12	1° 9	21°31	4°38	20° 1	18°52	1°12	13°40	S 3
M 4	2 55 2	11°56'03	25°53	23°26	18°29	8°11	27°23	4°15	1°10	21°30	4°R38	20° 2	18°49	1°19	13°37	M 4
T 5	2 58 59	12°55'31	8♈40	25° 0	19°44	8°48	27°36	4°17	1°12	21°30	4°38	20° 3	18°45	1°26	13°35	T 5
W 6	3 2 55	13°55'00	21°46	26°32	20°58	9°25	27°48	4°20	1°13	21°29	4°38	20°R 4	18°42	1°32	13°32	W 6
T 7	3 6 52	14°54'31	5♉14	28° 4	22°12	10° 3	28° 1	4°23	1°14	21°28	4°38	20° 3	18°39	1°39	13°29	T 7
F 8	3 10 48	15°54'04	19° 3	29°36	23°26	10°40	28°14	4°26	1°16	21°27	4°38	20° 1	18°36	1°46	13°26	F 8
S 9	3 14 45	16°53'39	3♊ 8	1♐ 7	24°41	11°17	28°27	4°29	1°17	21°26	4°38	19°58	18°33	1°52	13°23	S 9
S 10	3 18 41	17°53'16	17°26	2°37	25°55	11°55	28°40	4°32	1°19	21°26	4°38	19°54	18°30	1°59	13°21	S 10
M11	3 22 38	18°52'56	1♋52	4° 7	27°10	12°32	28°53	4°36	1°20	21°25	4°38	19°50	18°26	2° 6	13°18	M11
T 12	3 26 35	19°52'37	16°19	5°36	28°24	13° 9	29° 6	4°39	1°22	21°24	4°38	19°46	18°23	2°13	13°15	T 12
W13	3 30 31	20°52'21	0♌43	7° 4	29°39	13°46	29°19	4°42	1°24	21°24	4°38	19°43	18°20	2°19	13°12	W13
T 14	3 34 28	21°52'07	14°59	8°32	0♏53	14°24	29°32	4°46	1°26	21°23	4°37	19°41	18°17	2°26	13°10	T 14
F 15	3 38 24	22°51'54	29° 6	9°59	2° 8	15° 1	29°45	4°49	1°27	21°22	4°37	19°D41	18°14	2°33	13° 7	F 15
S 16	3 42 21	23°51'45	13♍ 2	11°26	3°22	15°38	29°59	4°53	1°29	21°22	4°37	19°42	18°11	2°39	13° 4	S 16
S 17	3 46 17	24°51'37	26°45	12°52	4°37	16°15	0♐12	4°57	1°31	21°21	4°36	19°44	18° 7	2°46	13° 1	S 17
M18	3 50 14	25°51'31	10♎17	14°17	5°52	16°52	0°25	5° 1	1°33	21°21	4°36	19°45	18° 4	2°53	12°59	M18
T 19	3 54 10	26°51'28	23°38	15°41	7° 6	17°29	0°38	5° 5	1°35	21°20	4°36	19°R46	18° 1	3° 0	12°56	T 19
W20	3 58 7	27°51'26	6♏46	17° 5	8°21	18° 6	0°51	5° 9	1°37	21°20	4°35	19°44	17°58	3° 6	12°53	W20
T 21	4 2 4	28°51'27	19°43	18°28	9°36	18°44	1° 4	5°13	1°39	21°19	4°35	19°41	17°55	3°13	12°51	T 21
F 22	4 6 0	29°51'29	2♐27	19°50	10°51	19°21	1°17	5°17	1°41	21°19	4°35	19°36	17°51	3°20	12°48	F 22
S 23	4 9 57	0♐51'33	15° 0	21°11	12° 6	19°58	1°30	5°21	1°43	21°19	4°34	19°29	17°48	3°26	12°45	S 23
S 24	4 13 53	1°51'39	27°20	22°31	13°21	20°35	1°44	5°25	1°45	21°18	4°34	19°20	17°45	3°33	12°43	S 24
M25	4 17 50	2°51'47	9♑30	23°50	14°35	21°12	1°57	5°30	1°48	21°18	4°33	19°12	17°42	3°40	12°40	M25
T 26	4 21 46	3°51'56	21°30	25° 8	15°50	21°49	2°10	5°34	1°50	21°18	4°33	19° 4	17°39	3°47	12°38	T 26
W27	4 25 43	4°52'07	3♒24	26°24	17° 5	22°26	2°23	5°39	1°52	21°18	4°32	18°58	17°36	3°53	12°35	W27
T 28	4 29 39	5°52'19	15°14	27°38	18°20	23° 3	2°36	5°43	1°54	21°18	4°32	18°54	17°32	4° 0	12°33	T 28
F 29	4 33 36	6°52'32	27° 6	28°51	19°35	23°39	2°49	5°48	1°57	21°17	4°31	18°51	17°29	4° 7	12°30	F 29
S 30	4 37 33	7♐52'47	9♓ 4	0♑ 2	20♏50	24♎16	3♐ 2	5♒53	1♒59	21♓17	4♌31	18°D51	17♎26	4♒13	12♉28	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s24	10s36	4n36	17s36	0s20	4s21	1n33	1s23	1n12	18s29	0n50	19s21	0s15	20s19	0s32	4s 4	0s48	18n 8	0s53	7s45	7s23	14s54	14n29	1s27
S 2	14 42	7 16	3 58	18 8	0 27	4 49	1 34	1 38	1 12	18 32	0 50	19 20	0 15	20 18	0 32	4 4	0 48	18 8	0 53	7 46	7 22	14 52	14 28	1 27
S 3	15 1	3 34	3 8	18 40	0 34	5 17	1 34	1 52	1 12	18 35	0 50	19 20	0 15	20 18	0 32	4 5	0 48	18 8	0 53	7 46	7 21	14 51	14 27	1 28
M 4	15 19	0n21	2 9	19 10	0 40	5 44	1 35	2 7	1 12	18 38	0 50	19 19	0 15	20 18	0 32	4 5	0 48	18 8	0 53	7 47	7 19	14 50	14 26	1 28
T 5	15 37	4 22	1 2	19 39	0 47	6 12	1 35	2 22	1 12	18 41	0 50	19 19	0 15	20 17	0 32	4 6	0 48	18 8	0 53	7 47	7 18	14 49	14 25	1 28
W 6	15 55	8 17	0s 9	20 8	0 54	6 39	1 35	2 36	1 12	18 44	0 50	19 18	0 15	20 17	0 32	4 6	0 48	18 8	0 53	7 48	7 17	14 47	14 24	1 28
T 7	16 12	11 53	1 22	20 35	1 1	7 7	1 35	2 51	1 12	18 47	0 50	19 17	0 16	20 17	0 32	4 6	0 48	18 8	0 53	7 47	7 16	14 46	14 23	1 28
F 8	16 30	14 55	2 32	21 2	1 7	7 34	1 36	3 6	1 12	18 50	0 50	19 17	0 16	20 16	0 32	4 6	0 48	18 8	0 53	7 47	7 15	14 45	14 22	1 28
S 9	16 47	17 8	3 35	21 27	1 14	8 1	1 36	3 20	1 12	18 53	0 50	19 16	0 16	20 16	0 32	4 7	0 48	18 8	0 53	7 45	7 13	14 44	14 21	1 28
S 10	17 3	18 19	4 24	21 51	1 20	8 28	1 35	3 35	1 12	18 56	0 50	19 15	0 16	20 16	0 32	4 7	0 48	18 8	0 52	7 44	7 12	14 43	14 21	1 28
M11	17 20	18 19	4 57	22 15	1 26	8 55	1 35	3 49	1 12	18 59	0 49	19 15	0 16	20 15	0 32	4 7	0 48	18 8	0 52	7 42	7 11	14 41	14 20	1 28
T 12	17 36	17 8	5 12	22 37	1 32	9 21	1 35	4 3	1 12	19 2	0 49	19 14	0 16	20 15	0 32	4 8	0 48	18 8	0 52	7 41	7 10	14 40	14 19	1 28
W13	17 51	14 52	5 7	22 58	1 38	9 48	1 35	4 18	1 12	19 4	0 49	19 13	0 16	20 15	0 32	4 8	0 48	18 8	0 52	7 40	7 9	14 39	14 18	1 28
T 14	18 7	11 43	4 43	23 18	1 44	10 14	1 34	4 32	1 12	19 7	0 49	19 12	0 16	20 14	0 32	4 8	0 48	18 8	0 52	7 39	7 7	14 37	14 17	1 28
F 15	18 22	7 56	4 2	23 37	1 50	10 40	1 34	4 47	1 12	19 10	0 49	19 12	0 16	20 14	0 32	4 8	0 48	18 8	0 52	7 39	7 6	14 36	14 16	1 28
S 16	18 37	3 45	3 7	23 54	1 55	11 6	1 33	5 1	1 12	19 13	0 49	19 11	0 16	20 13	0 32	4 8	0 48	18 8	0 52	7 40	7 5	14 35	14 15	1 28
S 17	18 52	0s35	2 2	24 11	2 0	11 31	1 33	5 15	1 11	19 16	0 49	19 10	0 16	20 13	0 32	4 9	0 48	18 9	0 52	7 40	7 4	14 34	14 14	1 29
M18	19 6	4 50	0 51	24 26	2 5	11 56	1 32	5 29	1 11	19 18	0 49	19 9	0 16	20 13	0 32	4 9	0 48	18 9	0 52	7 41	7 3	14 32	14 14	1 29
T 19	19 20	8 47	0n21	24 40	2 10	12 21	1 32	5 43	1 11	19 21	0 49	19 8	0 16	20 12	0 32	4 9	0 48	18 9	0 52	7 41	7 1	14 31	14 13	1 29
W20	19 33	12 15	1 31	24 53	2 14	12 46	1 31	5 58	1 11	19 24	0 49	19 7	0 16	20 12	0 32	4 9	0 48	18 9	0 52	7 40	7 0	14 30	14 12	1 29
T 21	19 47	15 3	2 35	25 5	2 18	13 10	1 30	6 12	1 11	19 27	0 49	19 6	0 16	20 11	0 32	4 9	0 48	18 9	0 52	7 39	6 59	14 29	14 11	1 29
F 22	19 59	17 4	3 31	25 16	2 22	13 34	1 29	6 26	1 11	19 29	0 49	19 5	0 16	20 11	0 32	4 9	0 48	18 9	0 52	7 37	6 58	14 27	14 10	1 29
S 23	20 12	18 14	4 15	25 25	2 26	13 58	1 28	6 40	1 11	19 32	0 49	19 4	0 16	20 10	0 32	4 9	0 48	18 9	0 52	7 34	6 57	14 26	14 9	1 29
S 24	20 24	18 30	4 46	25 33	2 29	14 21	1 27	6 53	1 11	19 35	0 49	19 3	0 16	20 10	0 32	4 10	0 48	18 9	0 52	7 31	6 55	14 25	14 8	1 29
M25	20 36	17 54	5 4	25 40	2 32	14 45	1 26	7 7	1 11	19 37	0 49	19 2	0 16	20 9	0 32	4 10	0 48	18 10	0 52	7 28	6 54	14 24	14 8	1 29
T 26	20 47	16 31	5 8	25 46	2 34	15 7	1 25	7 21	1 11	19 40	0 49	19 1	0 16	20 9	0 32	4 10	0 48	18 10	0 52	7 25	6 53	14 22	14 7	1 29
W27	20 58	14 26	4 58	25 50	2 36	15 30	1 24	7 35	1 11	19 43	0 49	19 0	0 17	20 8	0 32	4 10	0 48	18 10	0 52	7 23	6 52	14 21	14 6	1 29
T 28	21 9	11 45	4 36	25 54	2 38	15 51	1 22	7 48	1 11	19 45	0 48	18 59	0 17	20 8	0 32	4 10	0 48	18 10	0 52	7 21	6 51	14 20	14 5	1 29
F 29	21 19	8 36	4 2	25 56	2 39	16 13	1 21	8 2	1 10	19 48	0 48	18 58	0 17	20 7	0 32	4 10	0 48	18 10	0 52	7 20	6 49	14 18	14 4	1 29
S 30	21s29	5s 4	3n18	25s57	2s39	16s34	1n20	8s16	1n10	19s50	0n48	18s57	0s17	20s 6	0s32	4s10	0s48	18n11	0s52	7s20	6s48	14s17	14n 4	1s29

Julian Day Number = 2878452.5, Delta T = 01h14m42s
Ecliptic obliquity = 23°17'08, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°06'32, Lahiri = 40°13'32

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ASTRODIENST EPHEMERIS for the year 3168
geocentric

DECEMBER 3168 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 41 29	8♐53'04	21♓13	1♑11	22♏ 5	24♎53	3♐16	5♒58	2♒ 2	21°R17	4°R30	18♎51	17♎23	4♒20	12°R25	S 1
M 2	4 45 26	9°53'22	3♈38	2°17	23°20	25°30	3°29	6° 3	2° 4	21°D17	4♌29	18°52	17°20	4°27	12♉23	M 2
T 3	4 49 22	10°53'41	16°24	3°21	24°35	26° 7	3°42	6° 8	2° 7	21♓17	4°29	18°R53	17°17	4°34	12°21	T 3
W 4	4 53 19	11°54'01	29°35	4°21	25°50	26°44	3°55	6°13	2° 9	21°17	4°28	18°53	17°13	4°40	12°18	W 4
T 5	4 57 15	12°54'23	13♉12	5°18	27° 5	27°20	4° 8	6°18	2°12	21°17	4°27	18°50	17°10	4°47	12°16	T 5
F 6	5 1 12	13°54'47	27°16	6°11	28°20	27°57	4°21	6°23	2°15	21°18	4°27	18°45	17° 7	4°54	12°14	F 6
S 7	5 5 8	14°55'11	11♊43	7° 0	29°36	28°34	4°34	6°28	2°17	21°18	4°26	18°38	17° 4	5° 1	12°11	S 7
S 8	5 9 5	15°55'38	26°28	7°43	0♐51	29°11	4°47	6°33	2°20	21°18	4°25	18°29	17° 1	5° 7	12° 9	S 8
M 9	5 13 2	16°56'06	11♋22	8°21	2° 6	29°47	5° 0	6°39	2°23	21°18	4°24	18°20	16°57	5°14	12° 7	M 9
T 10	5 16 58	17°56'35	26°17	8°52	3°21	0♏24	5°13	6°44	2°26	21°18	4°23	18°11	16°54	5°21	12° 5	T 10
W11	5 20 55	18°57'07	11♌ 3	9°16	4°36	1° 0	5°26	6°50	2°28	21°19	4°23	18° 4	16°51	5°27	12° 3	W11
T 12	5 24 51	19°57'39	25°35	9°32	5°51	1°37	5°39	6°55	2°31	21°19	4°22	17°59	16°48	5°34	12° 1	T 12
F 13	5 28 48	20°58'14	9♍48	9°R40	7° 7	2°14	5°52	7° 1	2°34	21°19	4°21	17°56	16°45	5°41	11°59	F 13
S 14	5 32 44	21°58'50	23°41	9°38	8°22	2°50	6° 5	7° 6	2°37	21°20	4°20	17°D56	16°42	5°48	11°57	S 14
S 15	5 36 41	22°59'28	7♎15	9°25	9°37	3°27	6°18	7°12	2°40	21°20	4°19	17°56	16°38	5°54	11°55	S 15
M16	5 40 38	24° 0'07	20°31	9° 3	10°52	4° 3	6°31	7°18	2°43	21°20	4°18	17°R57	16°35	6° 1	11°53	M16
T 17	5 44 34	25° 0'48	3♏32	8°29	12° 8	4°40	6°44	7°24	2°46	21°21	4°17	17°55	16°32	6° 8	11°51	T 17
W18	5 48 31	26° 1'30	16°20	7°44	13°23	5°16	6°57	7°30	2°49	21°22	4°16	17°52	16°29	6°14	11°49	W18
T 19	5 52 27	27° 2'14	28°57	6°49	14°38	5°53	7° 9	7°36	2°52	21°22	4°15	17°46	16°26	6°21	11°47	T 19
F 20	5 56 24	28° 3'00	11♐24	5°44	15°54	6°29	7°22	7°41	2°55	21°23	4°14	17°36	16°22	6°28	11°46	F 20
S 21	6 0 20	29° 3'46	23°42	4°32	17° 9	7° 5	7°35	7°48	2°58	21°23	4°14	17°24	16°19	6°35	11°44	S 21
S 22	6 4 17	0♑ 4'34	5♑52	3°13	18°24	7°42	7°48	7°54	3° 1	21°24	4°13	17°11	16°16	6°41	11°42	S 22
M23	6 8 13	1° 5'23	17°55	1°51	19°40	8°18	8° 0	8° 0	3° 4	21°25	4°11	16°56	16°13	6°48	11°41	M23
T 24	6 12 10	2° 6'13	29°51	0°28	20°55	8°54	8°13	8° 6	3° 8	21°25	4°10	16°43	16°10	6°55	11°39	T 24
W25	6 16 7	3° 7'03	11♒43	29♐ 7	22°10	9°30	8°25	8°12	3°11	21°26	4° 9	16°31	16° 7	7° 1	11°38	W25
T 26	6 20 3	4° 7'55	23°32	27°51	23°26	10° 7	8°38	8°18	3°14	21°27	4° 8	16°22	16° 3	7° 8	11°36	T 26
F 27	6 24 0	5° 8'47	5♓22	26°42	24°41	10°43	8°50	8°25	3°17	21°28	4° 7	16°15	16° 0	7°15	11°35	F 27
S 28	6 27 56	6° 9'40	17°17	25°42	25°57	11°19	9° 3	8°31	3°21	21°29	4° 6	16°12	15°57	7°22	11°33	S 28
S 29	6 31 53	7°10'34	29°22	24°52	27°12	11°55	9°15	8°37	3°24	21°29	4° 5	16°10	15°54	7°28	11°32	S 29
M30	6 35 49	8°11'28	11♈42	24°13	28°27	12°31	9°28	8°44	3°27	21°30	4° 4	16°10	15°51	7°35	11°31	M30
T 31	6 39 46	9♑12'23	24♈22	23♐45	29♐43	13♏ 7	9♐40	8♒50	3♒30	21♓31	4♌ 3	16♎10	15♎48	7♒42	11♉30	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s38	1s16	2n23	25s56	2s39	16s55	1n18	8s29	1n10	19s53	0n48	18s56	0s17	20s 6	0s32	4s10	0s48	18n11	0s52	7s20	6s47	14s16	14n 3	1s29
M 2	21 47	2n41	1 21	25 55	2 39	17 15	1 17	8 43	1 10	19 55	0 48	18 55	0 17	20 5	0 32	4 10	0 48	18 11	0 52	7 21	6 46	14 15	14 2	1 29
T 3	21 56	6 37	0 13	25 52	2 37	17 35	1 15	8 56	1 10	19 58	0 48	18 54	0 17	20 5	0 32	4 10	0 48	18 11	0 52	7 21	6 44	14 13	14 1	1 29
W 4	22 4	10 22	0s57	25 48	2 35	17 54	1 14	9 9	1 10	20 0	0 48	18 52	0 17	20 4	0 32	4 10	0 48	18 11	0 51	7 21	6 43	14 12	14 1	1 29
T 5	22 12	13 41	2 7	25 43	2 32	18 13	1 12	9 22	1 10	20 3	0 48	18 51	0 17	20 4	0 32	4 10	0 48	18 11	0 51	7 20	6 42	14 11	14 0	1 29
F 6	22 19	16 20	3 11	25 37	2 29	18 31	1 10	9 36	1 10	20 5	0 48	18 50	0 17	20 3	0 32	4 10	0 48	18 12	0 51	7 18	6 41	14 9	13 59	1 29
S 7	22 26	18 1	4 4	25 30	2 24	18 49	1 8	9 49	1 9	20 8	0 48	18 49	0 17	20 2	0 32	4 10	0 48	18 12	0 51	7 15	6 40	14 8	13 59	1 29
S 8	22 33	18 32	4 42	25 22	2 18	19 7	1 7	10 2	1 9	20 10	0 48	18 47	0 17	20 2	0 32	4 10	0 48	18 12	0 51	7 12	6 38	14 7	13 58	1 29
M 9	22 39	17 47	5 2	25 13	2 11	19 23	1 5	10 15	1 9	20 12	0 48	18 46	0 17	20 1	0 32	4 10	0 48	18 12	0 51	7 8	6 37	14 5	13 57	1 29
T 10	22 45	15 50	5 1	25 3	2 3	19 40	1 3	10 28	1 9	20 15	0 48	18 45	0 17	20 0	0 32	4 9	0 48	18 13	0 51	7 5	6 36	14 4	13 56	1 30
W11	22 50	12 51	4 40	24 52	1 54	19 55	1 1	10 40	1 9	20 17	0 48	18 44	0 17	20 0	0 32	4 9	0 48	18 13	0 51	7 2	6 35	14 3	13 56	1 30
T 12	22 55	9 7	4 2	24 40	1 44	20 11	0 59	10 53	1 9	20 19	0 48	18 42	0 17	19 59	0 32	4 9	0 48	18 13	0 51	7 1	6 34	14 2	13 55	1 30
F 13	22 59	4 56	3 9	24 28	1 32	20 25	0 57	11 6	1 9	20 22	0 48	18 41	0 17	19 59	0 32	4 9	0 48	18 13	0 51	7 0	6 32	14 0	13 55	1 30
S 14	23 3	0 34	2 5	24 14	1 18	20 39	0 55	11 18	1 8	20 24	0 48	18 39	0 17	19 58	0 32	4 9	0 48	18 14	0 51	6 59	6 31	13 59	13 54	1 30
S 15	23 6	3s44	0 57	24 1	1 4	20 53	0 53	11 31	1 8	20 26	0 48	18 38	0 17	19 57	0 32	4 9	0 48	18 14	0 51	7 0	6 30	13 58	13 53	1 30
M16	23 9	7 45	0n14	23 46	0 47	21 6	0 51	11 43	1 8	20 28	0 48	18 37	0 17	19 56	0 32	4 8	0 48	18 14	0 51	7 0	6 29	13 56	13 53	1 30
T 17	23 12	11 20	1 22	23 31	0 30	21 18	0 49	11 56	1 8	20 30	0 48	18 35	0 18	19 56	0 32	4 8	0 48	18 14	0 51	6 59	6 28	13 55	13 52	1 30
W18	23 14	14 18	2 25	23 15	0 11	21 29	0 46	12 8	1 8	20 33	0 48	18 34	0 18	19 55	0 32	4 8	0 47	18 15	0 51	6 58	6 26	13 54	13 52	1 30
T 19	23 15	16 33	3 19	22 59	0n 8	21 40	0 44	12 20	1 8	20 35	0 48	18 32	0 18	19 54	0 32	4 8	0 47	18 15	0 51	6 56	6 25	13 52	13 51	1 30
F 20	23 16	17 59	4 4	22 42	0 28	21 51	0 42	12 32	1 7	20 37	0 48	18 31	0 18	19 54	0 32	4 8	0 47	18 15	0 51	6 52	6 24	13 51	13 50	1 30
S 21	23 17	18 33	4 36	22 24	0 48	22 1	0 40	12 44	1 7	20 39	0 48	18 29	0 18	19 53	0 32	4 7	0 47	18 15	0 51	6 47	6 23	13 50	13 50	1 30
S 22	23 17	18 15	4 55	22 6	1 8	22 10	0 37	12 56	1 7	20 41	0 48	18 28	0 18	19 52	0 32	4 7	0 47	18 16	0 51	6 42	6 22	13 48	13 49	1 30
M23	23 17	17 8	5 0	21 49	1 28	22 18	0 35	13 8	1 7	20 43	0 48	18 26	0 18	19 52	0 32	4 7	0 47	18 16	0 51	6 37	6 20	13 47	13 49	1 30
T 24	23 16	15 17	4 53	21 32	1 45	22 26	0 33	13 19	1 7	20 45	0 48	18 25	0 18	19 51	0 32	4 6	0 47	18 16	0 51	6 32	6 19	13 46	13 48	1 30
W25	23 15	12 48	4 32	21 15	2 2	22 33	0 30	13 31	1 6	20 47	0 48	18 23	0 18	19 50	0 32	4 6	0 47	18 17	0 50	6 27	6 18	13 44	13 48	1 30
T 26	23 13	9 48	4 0	21 0	2 16	22 39	0 28	13 42	1 6	20 49	0 48	18 22	0 18	19 49	0 32	4 6	0 47	18 17	0 50	6 24	6 17	13 43	13 48	1 30
F 27	23 11	6 24	3 18	20 47	2 28	22 45	0 26	13 54	1 6	20 51	0 48	18 20	0 18	19 49	0 32	4 5	0 47	18 17	0 50	6 21	6 15	13 42	13 47	1 30
S 28	23 9	2 44	2 26	20 36	2 37	22 50	0 23	14 5	1 6	20 53	0 48	18 19	0 18	19 48	0 32	4 5	0 47	18 17	0 50	6 20	6 14	13 40	13 47	1 30
S 29	23 6	1n 6	1 28	20 27	2 44	22 54	0 21	14 16	1 6	20 54	0 48	18 17	0 18	19 47	0 32	4 5	0 47	18 18	0 50	6 19	6 13	13 39	13 46	1 30
M30	23 2	4 58	0 24	20 21	2 49	22 58	0 19	14 27	1 5	20 56	0 48	18 15	0 18	19 46	0 32	4 4	0 47	18 18	0 50	6 19	6 12	13 38	13 46	1 30
T 31	22s58	8n43	0s43	20s17	2n52	23s 1	0n16	14s38	1n 5	20s58	0n48	18s14	0s18	19s45	0s32	4s 4	0s47	18n18	0s50	6s19	6s11	13s36	13n46	1s30

Julian Day Number = 2878482.5, Delta T = 01h14m43s
Ecliptic obliquity = 23°17'08, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°06'36, Lahiri = 40°13'36

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ASTRODIENST EPHEMERIS for the year 3169
geocentric

JANUARY 3169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 43 42	10♑13'19	7♉27	23°R28	0♑58	13♏43	9♐52	8♒57	3♒34	21♓32	4°R 2	16°R 9	15♎44	7♒48	11°R29	W 1
T 2	6 47 39	11°14'15	21° 1	23°D23	2°14	14°19	10° 4	9° 3	3°37	21°33	4♌ 1	16♎ 5	15°41	7°55	11♉27	T 2
F 3	6 51 36	12°15'12	5♊ 6	23♐27	3°29	14°55	10°17	9°10	3°41	21°34	3°59	15°59	15°38	8° 2	11°26	F 3
S 4	6 55 32	13°16'09	19°40	23°40	4°45	15°31	10°29	9°17	3°44	21°35	3°58	15°50	15°35	8° 9	11°25	S 4
S 5	6 59 29	14°17'07	4♋37	24° 2	6° 0	16° 7	10°41	9°23	3°47	21°37	3°57	15°39	15°32	8°15	11°25	S 5
M 6	7 3 25	15°18'05	19°49	24°32	7°15	16°43	10°53	9°30	3°51	21°38	3°56	15°27	15°29	8°22	11°24	M 6
T 7	7 7 22	16°19'04	5♌ 6	25° 9	8°31	17°18	11° 5	9°37	3°54	21°39	3°55	15°16	15°25	8°29	11°23	T 7
W 8	7 11 18	17°20'04	20°15	25°52	9°46	17°54	11°16	9°43	3°58	21°40	3°54	15° 6	15°22	8°35	11°22	W 8
T 9	7 15 15	18°21'04	5♍ 8	26°40	11° 2	18°30	11°28	9°50	4° 1	21°41	3°52	15° 0	15°19	8°42	11°21	T 9
F 10	7 19 11	19°22'05	19°38	27°34	12°17	19° 5	11°40	9°57	4° 5	21°43	3°51	14°55	15°16	8°49	11°21	F 10
S 11	7 23 8	20°23'07	3♎41	28°31	13°33	19°41	11°52	10° 4	4° 8	21°44	3°50	14°54	15°13	8°56	11°20	S 11
S 12	7 27 5	21°24'10	17°19	29°32	14°48	20°17	12° 3	10°11	4°12	21°45	3°49	14°54	15° 9	9° 2	11°19	S 12
M13	7 31 1	22°25'13	0♏32	0♑37	16° 4	20°52	12°15	10°17	4°15	21°47	3°47	14°53	15° 6	9° 9	11°19	M13
T 14	7 34 58	23°26'17	13°26	1°45	17°19	21°28	12°26	10°24	4°19	21°48	3°46	14°52	15° 3	9°16	11°19	T 14
W15	7 38 54	24°27'22	26° 3	2°55	18°35	22° 3	12°38	10°31	4°22	21°49	3°45	14°49	15° 0	9°22	11°18	W15
T 16	7 42 51	25°28'27	8♐26	4° 7	19°50	22°39	12°49	10°38	4°26	21°51	3°44	14°42	14°57	9°29	11°18	T 16
F 17	7 46 47	26°29'33	20°40	5°21	21° 6	23°14	13° 0	10°45	4°29	21°52	3°42	14°32	14°54	9°36	11°18	F 17
S 18	7 50 44	27°30'39	2♑46	6°38	22°21	23°49	13°11	10°52	4°33	21°54	3°41	14°20	14°50	9°42	11°17	S 18
S 19	7 54 40	28°31'45	14°46	7°56	23°37	24°25	13°23	10°59	4°37	21°55	3°40	14° 6	14°47	9°49	11°17	S 19
M20	7 58 37	29°32'52	26°42	9°15	24°52	25° 0	13°34	11° 6	4°40	21°57	3°39	13°52	14°44	9°56	11°17	M20
T 21	8 2 34	0♒33'59	8♒34	10°35	26° 8	25°35	13°45	11°13	4°44	21°58	3°37	13°38	14°41	10° 3	11°D17	T 21
W22	8 6 30	1°35'05	20°25	11°57	27°23	26°10	13°55	11°20	4°47	22° 0	3°36	13°25	14°38	10° 9	11°17	W22
T 23	8 10 27	2°36'12	2♓15	13°20	28°39	26°45	14° 6	11°27	4°51	22° 2	3°35	13°15	14°34	10°16	11°17	T 23
F 24	8 14 23	3°37'19	14° 7	14°43	29°54	27°20	14°17	11°34	4°54	22° 3	3°34	13° 9	14°31	10°23	11°17	F 24
S 25	8 18 20	4°38'25	26° 4	16° 8	1♒10	27°55	14°27	11°41	4°58	22° 5	3°32	13° 5	14°28	10°29	11°17	S 25
S 26	8 22 16	5°39'31	8♈10	17°33	2°25	28°30	14°38	11°49	5° 2	22° 7	3°31	13°D 3	14°25	10°36	11°18	S 26
M27	8 26 13	6°40'37	20°28	18°59	3°41	29° 5	14°48	11°56	5° 5	22° 8	3°30	13° 3	14°22	10°43	11°18	M27
T 28	8 30 9	7°41'42	3♉ 4	20°26	4°56	29°40	14°59	12° 3	5° 9	22°10	3°28	13°R 4	14°19	10°50	11°18	T 28
W29	8 34 6	8°42'47	16° 2	21°53	6°12	0♐14	15° 9	12°10	5°12	22°12	3°27	13° 4	14°15	10°56	11°19	W29
T 30	8 38 3	9°43'52	29°26	23°21	7°27	0°49	15°19	12°17	5°16	22°14	3°26	13° 2	14°12	11° 3	11°19	T 30
F 31	8 41 59	10♒44'56	13♊20	24♑50	8♒43	1♐24	15♐29	12♒24	5♒19	22♓15	3♌25	12♎58	14♎ 9	11♒10	11♉20	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s54	12n10	1s50	20s15	2n53	23s 3	0n14	14s49	1n 5	21s 0	0n48	18s12	0s18	19s45	0s32	4s 4	0s47	18n19	0s50	6s19	6s 9	13s35	13n45	1s30
T 2	22 49	15 7	2 53	20 15	2 52	23 5	0 11	15 0	1 5	21 2	0 48	18 10	0 18	19 44	0 32	4 3	0 47	18 19	0 50	6 17	6 8	13 34	13 45	1 30
F 3	22 43	17 17	3 48	20 18	2 50	23 6	0 9	15 11	1 4	21 3	0 48	18 9	0 18	19 43	0 32	4 3	0 47	18 19	0 50	6 15	6 7	13 32	13 45	1 30
S 4	22 38	18 24	4 30	20 22	2 46	23 6	0 6	15 21	1 4	21 5	0 48	18 7	0 19	19 42	0 32	4 2	0 47	18 20	0 50	6 12	6 6	13 31	13 44	1 30
S 5	22 32	18 18	4 55	20 28	2 42	23 5	0 4	15 32	1 4	21 7	0 48	18 5	0 19	19 41	0 32	4 2	0 47	18 20	0 50	6 7	6 4	13 30	13 44	1 30
M 6	22 25	16 54	4 59	20 35	2 36	23 4	0 1	15 42	1 4	21 8	0 48	18 4	0 19	19 41	0 32	4 1	0 47	18 20	0 50	6 3	6 3	13 28	13 44	1 30
T 7	22 18	14 18	4 43	20 42	2 30	23 2	0s 1	15 53	1 3	21 10	0 48	18 2	0 19	19 40	0 32	4 1	0 47	18 21	0 50	5 58	6 2	13 27	13 43	1 30
W 8	22 10	10 45	4 6	20 51	2 23	22 59	0 3	16 3	1 3	21 12	0 48	18 0	0 19	19 39	0 32	4 0	0 47	18 21	0 50	5 55	6 1	13 26	13 43	1 30
T 9	22 2	6 34	3 13	20 59	2 15	22 56	0 6	16 13	1 3	21 13	0 48	17 58	0 19	19 38	0 32	4 0	0 47	18 21	0 50	5 52	6 0	13 24	13 43	1 30
F 10	21 54	2 6	2 9	21 8	2 8	22 52	0 8	16 23	1 3	21 15	0 48	17 57	0 19	19 37	0 32	3 59	0 47	18 22	0 50	5 51	5 58	13 23	13 43	1 30
S 11	21 45	2s21	0 59	21 17	2 0	22 47	0 11	16 33	1 2	21 16	0 48	17 55	0 19	19 37	0 32	3 59	0 47	18 22	0 50	5 50	5 57	13 21	13 43	1 30
S 12	21 36	6 33	0n13	21 26	1 51	22 41	0 13	16 42	1 2	21 18	0 48	17 53	0 19	19 36	0 32	3 58	0 47	18 22	0 49	5 50	5 56	13 20	13 42	1 30
M13	21 26	10 19	1 22	21 34	1 43	22 35	0 15	16 52	1 2	21 19	0 48	17 51	0 19	19 35	0 32	3 58	0 47	18 23	0 49	5 50	5 55	13 19	13 42	1 30
T 14	21 16	13 28	2 25	21 42	1 34	22 28	0 18	17 1	1 1	21 21	0 48	17 50	0 19	19 34	0 32	3 57	0 47	18 23	0 49	5 49	5 54	13 17	13 42	1 30
W15	21 5	15 55	3 19	21 50	1 25	22 20	0 20	17 11	1 1	21 22	0 48	17 48	0 19	19 33	0 32	3 57	0 47	18 23	0 49	5 48	5 52	13 16	13 42	1 30
T 16	20 55	17 34	4 3	21 57	1 17	22 12	0 23	17 20	1 1	21 24	0 48	17 46	0 19	19 32	0 32	3 56	0 47	18 24	0 49	5 45	5 51	13 15	13 42	1 30
F 17	20 43	18 23	4 35	22 3	1 8	22 3	0 25	17 29	1 0	21 25	0 48	17 44	0 19	19 32	0 32	3 56	0 47	18 24	0 49	5 42	5 50	13 13	13 42	1 30
S 18	20 31	18 21	4 54	22 8	0 59	21 53	0 27	17 38	1 0	21 26	0 48	17 42	0 19	19 31	0 32	3 55	0 47	18 24	0 49	5 37	5 49	13 12	13 42	1 30
S 19	20 19	17 30	5 0	22 12	0 51	21 43	0 29	17 47	1 0	21 28	0 48	17 40	0 19	19 30	0 32	3 54	0 47	18 25	0 49	5 32	5 47	13 10	13 42	1 30
M20	20 7	15 53	4 53	22 16	0 42	21 32	0 32	17 56	0 59	21 29	0 48	17 39	0 20	19 29	0 32	3 54	0 47	18 25	0 49	5 26	5 46	13 9	13 42	1 30
T 21	19 54	13 36	4 33	22 18	0 34	21 21	0 34	18 5	0 59	21 30	0 48	17 37	0 20	19 28	0 32	3 53	0 47	18 25	0 49	5 21	5 45	13 8	13 42	1 30
W22	19 41	10 46	4 1	22 20	0 25	21 8	0 36	18 13	0 59	21 32	0 48	17 35	0 20	19 27	0 32	3 52	0 47	18 26	0 49	5 16	5 44	13 6	13 42	1 30
T 23	19 27	7 31	3 19	22 20	0 17	20 55	0 38	18 22	0 58	21 33	0 48	17 33	0 20	19 27	0 32	3 52	0 47	18 26	0 49	5 12	5 43	13 5	13 42	1 30
F 24	19 13	3 56	2 27	22 20	0 9	20 42	0 40	18 30	0 58	21 34	0 48	17 31	0 20	19 26	0 32	3 51	0 47	18 27	0 49	5 9	5 41	13 4	13 42	1 30
S 25	18 59	0 11	1 29	22 18	0 1	20 28	0 42	18 38	0 58	21 35	0 48	17 29	0 20	19 25	0 32	3 50	0 47	18 27	0 49	5 8	5 40	13 2	13 42	1 30
S 26	18 44	3n37	0 26	22 15	0s 7	20 13	0 45	18 46	0 57	21 36	0 48	17 27	0 20	19 24	0 32	3 50	0 47	18 27	0 49	5 7	5 39	13 1	13 42	1 30
M27	18 29	7 20	0s39	22 11	0 14	19 58	0 47	18 54	0 57	21 37	0 48	17 25	0 20	19 23	0 32	3 49	0 47	18 28	0 49	5 7	5 38	12 59	13 42	1 30
T 28	18 14	10 49	1 45	22 6	0 22	19 42	0 49	19 2	0 56	21 39	0 48	17 24	0 20	19 22	0 32	3 48	0 47	18 28	0 49	5 8	5 36	12 58	13 42	1 30
W29	17 58	13 52	2 46	22 0	0 29	19 25	0 51	19 9	0 56	21 40	0 49	17 22	0 20	19 21	0 32	3 48	0 47	18 28	0 48	5 7	5 35	12 57	13 42	1 30
T 30	17 42	16 18	3 41	21 52	0 36	19 8	0 53	19 17	0 56	21 41	0 49	17 20	0 20	19 21	0 32	3 47	0 47	18 29	0 48	5 7	5 34	12 55	13 42	1 30
F 31	17s26	17n52	4s25	21s44	0s43	18s51	0s54	19s24	0n55	21s42	0n49	17s18	0s20	19s20	0s32	3s46	0s47	18n29	0s48	5s 5	5s33	12s54	13n43	1s30

Julian Day Number = 2878513.5, Delta T = 01h14m43s
Ecliptic obliquity = 23°17'08, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°06'40, Lahiri = 40°13'41

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ASTRODIENST EPHEMERIS for the year 3169
geocentric

FEBRUARY 3169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 45 56	11♒45'59	27♊44	26♉19	9♒58	1♐58	15♐39	12♒31	5♒23	22♓17	3°R23	12°R51	14♎ 6	11♒16	11♉20	S 1
S 2	8 49 52	12°47'02	12♋35	27°49	11°13	2°33	15°49	12°38	5°27	22°19	3♑22	12♎43	14° 3	11°23	11°21	S 2
M 3	8 53 49	13°48'04	27°45	29°19	12°29	3° 7	15°59	12°45	5°30	22°21	3°21	12°33	14° 0	11°30	11°22	M 3
T 4	8 57 45	14°49'06	13♌ 6	0♒50	13°44	3°42	16° 8	12°53	5°34	22°23	3°20	12°24	13°56	11°37	11°22	T 4
W 5	9 1 42	15°50'08	28°25	2°22	15° 0	4°16	16°18	13° 0	5°37	22°25	3°18	12°16	13°53	11°43	11°23	W 5
T 6	9 5 39	16°51'08	13♍32	3°54	16°15	4°50	16°27	13° 7	5°41	22°27	3°17	12°11	13°50	11°50	11°24	T 6
F 7	9 9 35	17°52'09	28°17	5°27	17°31	5°24	16°36	13°14	5°44	22°29	3°16	12° 8	13°47	11°57	11°25	F 7
S 8	9 13 32	18°53'09	12♎36	7° 0	18°46	5°59	16°46	13°21	5°48	22°30	3°15	12°D 7	13°44	12° 3	11°26	S 8
S 9	9 17 28	19°54'09	26°25	8°33	20° 2	6°33	16°55	13°28	5°51	22°32	3°14	12° 8	13°40	12°10	11°27	S 9
M10	9 21 25	20°55'09	9♏48	10° 8	21°17	7° 7	17° 4	13°35	5°55	22°34	3°12	12° 9	13°37	12°17	11°28	M10
T 11	9 25 21	21°56'08	22°45	11°43	22°32	7°41	17°13	13°42	5°58	22°36	3°11	12°R 9	13°34	12°23	11°29	T 11
W12	9 29 18	22°57'07	5♐21	13°18	23°48	8°14	17°21	13°49	6° 2	22°38	3°10	12° 8	13°31	12°30	11°30	W12
T 13	9 33 14	23°58'06	17°41	14°54	25° 3	8°48	17°30	13°56	6° 5	22°41	3° 9	12° 5	13°28	12°37	11°31	T 13
F 14	9 37 11	24°59'04	29°49	16°31	26°19	9°22	17°38	14° 3	6° 9	22°43	3° 8	12° 0	13°25	12°44	11°33	F 14
S 15	9 41 7	26° 0'01	11♑48	18° 8	27°34	9°55	17°47	14°10	6°12	22°45	3° 6	11°53	13°21	12°50	11°34	S 15
S 16	9 45 4	27° 0'58	23°42	19°46	28°50	10°29	17°55	14°17	6°16	22°47	3° 5	11°45	13°18	12°57	11°35	S 16
M17	9 49 1	28° 1'54	5♒34	21°25	0♓ 5	11° 2	18° 3	14°24	6°19	22°49	3° 4	11°35	13°15	13° 4	11°37	M17
T 18	9 52 57	29° 2'50	17°24	23° 4	1°20	11°36	18°11	14°31	6°22	22°51	3° 3	11°27	13°12	13°10	11°38	T 18
W19	9 56 54	0♓ 3'44	29°16	24°44	2°36	12° 9	18°19	14°38	6°26	22°53	3° 2	11°19	13° 9	13°17	11°40	W19
T 20	10 0 50	1° 4'38	11♓11	26°25	3°51	12°42	18°27	14°45	6°29	22°55	3° 1	11°13	13° 6	13°24	11°42	T 20
F 21	10 4 47	2° 5'30	23°10	28° 6	5° 6	13°15	18°34	14°52	6°32	22°57	3° 0	11° 9	13° 2	13°30	11°43	F 21
S 22	10 8 43	3° 6'21	5♈15	29°49	6°22	13°48	18°42	14°59	6°36	23° 0	2°59	11°D 8	12°59	13°37	11°45	S 22
S 23	10 12 40	4° 7'12	17°29	1♓32	7°37	14°21	18°49	15° 6	6°39	23° 2	2°58	11° 8	12°56	13°44	11°47	S 23
M24	10 16 36	5° 8'00	29°54	3°15	8°52	14°54	18°56	15°13	6°42	23° 4	2°57	11° 9	12°53	13°51	11°48	M24
T 25	10 20 33	6° 8'48	12♉34	5° 0	10° 8	15°27	19° 3	15°20	6°46	23° 6	2°55	11°11	12°50	13°57	11°50	T 25
W26	10 24 30	7° 9'34	25°32	6°45	11°23	15°59	19°10	15°26	6°49	23° 8	2°54	11°12	12°46	14° 4	11°52	W26
T 27	10 28 26	8°10'19	8♊52	8°31	12°38	16°32	19°17	15°33	6°52	23°11	2°53	11°R13	12°43	14°11	11°54	T 27
F 28	10 32 23	9♓11'03	22♊35	10♓17	13♓54	17♐ 4	19♐23	15♒40	6♒55	23♓13	2♑52	11♎12	12♎40	14♒17	11♉56	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s 9	18n22	4s54	21s34	0s50	18s32	0s56	19s32	0n55	21s43	0n49	17s16	0s20	19s19	0s32	3s46	0s47	18n29	0s48	5s 3	5s32	12s52	13n43	1s30
S 2	16 52	17 39	5 4	21 23	0 56	18 14	0 58	19 39	0 54	21 44	0 49	17 14	0 20	19 18	0 32	3 45	0 47	18 30	0 48	4 59	5 30	12 51	13 43	1 30
M 3	16 35	15 40	4 54	21 10	1 2	17 54	1 0	19 46	0 54	21 45	0 49	17 12	0 20	19 17	0 32	3 44	0 47	18 30	0 48	4 56	5 29	12 50	13 43	1 30
T 4	16 17	12 35	4 22	20 57	1 8	17 35	1 2	19 53	0 53	21 46	0 49	17 10	0 21	19 16	0 32	3 43	0 47	18 30	0 48	4 52	5 28	12 48	13 44	1 30
W 5	15 59	8 38	3 32	20 42	1 14	17 14	1 3	20 0	0 53	21 47	0 49	17 8	0 21	19 15	0 32	3 43	0 47	18 31	0 48	4 49	5 27	12 47	13 44	1 30
T 6	15 41	4 10	2 27	20 26	1 19	16 54	1 5	20 6	0 53	21 47	0 49	17 6	0 21	19 15	0 32	3 42	0 47	18 31	0 48	4 47	5 25	12 45	13 44	1 30
F 7	15 23	0s27	1 14	20 9	1 25	16 32	1 6	20 13	0 52	21 48	0 49	17 4	0 21	19 14	0 32	3 41	0 47	18 31	0 48	4 46	5 24	12 44	13 44	1 30
S 8	15 4	4 54	0n 3	19 51	1 29	16 11	1 8	20 19	0 52	21 49	0 49	17 2	0 21	19 13	0 32	3 40	0 47	18 32	0 48	4 46	5 23	12 43	13 45	1 30
S 9	14 45	8 57	1 16	19 31	1 34	15 49	1 9	20 25	0 51	21 50	0 49	17 0	0 21	19 12	0 32	3 40	0 47	18 32	0 48	4 46	5 22	12 41	13 45	1 30
M10	14 26	12 23	2 23	19 11	1 39	15 26	1 11	20 32	0 51	21 51	0 49	16 58	0 21	19 11	0 32	3 39	0 47	18 32	0 48	4 46	5 21	12 40	13 45	1 29
T 11	14 6	15 6	3 21	18 49	1 43	15 3	1 12	20 38	0 50	21 52	0 49	16 57	0 21	19 10	0 32	3 38	0 47	18 33	0 48	4 46	5 19	12 38	13 46	1 29
W12	13 47	17 0	4 7	18 25	1 47	14 39	1 13	20 43	0 50	21 52	0 49	16 55	0 21	19 9	0 32	3 37	0 47	18 33	0 48	4 46	5 18	12 37	13 46	1 29
T 13	13 27	18 4	4 41	18 1	1 50	14 16	1 15	20 49	0 49	21 53	0 49	16 53	0 21	19 9	0 32	3 36	0 47	18 34	0 47	4 45	5 17	12 36	13 46	1 29
F 14	13 7	18 16	5 1	17 35	1 53	13 51	1 16	20 55	0 49	21 54	0 49	16 51	0 21	19 8	0 32	3 36	0 47	18 34	0 47	4 43	5 16	12 34	13 47	1 29
S 15	12 46	17 39	5 8	17 8	1 56	13 27	1 17	21 0	0 48	21 54	0 49	16 49	0 21	19 7	0 32	3 35	0 47	18 34	0 47	4 40	5 14	12 33	13 47	1 29
S 16	12 26	16 16	5 1	16 40	1 59	13 2	1 18	21 6	0 47	21 55	0 49	16 47	0 21	19 6	0 32	3 34	0 47	18 35	0 47	4 37	5 13	12 31	13 48	1 29
M17	12 5	14 12	4 42	16 11	2 1	12 36	1 19	21 11	0 47	21 56	0 50	16 45	0 21	19 5	0 32	3 33	0 47	18 35	0 47	4 33	5 12	12 30	13 48	1 29
T 18	11 44	11 33	4 10	15 41	2 3	12 11	1 20	21 16	0 46	21 56	0 50	16 43	0 22	19 4	0 32	3 32	0 47	18 35	0 47	4 30	5 11	12 28	13 49	1 29
W19	11 23	8 25	3 27	15 9	2 4	11 45	1 21	21 21	0 46	21 57	0 50	16 41	0 22	19 4	0 32	3 31	0 47	18 35	0 47	4 27	5 9	12 27	13 49	1 29
T 20	11 1	4 56	2 35	14 36	2 6	11 18	1 22	21 26	0 45	21 58	0 50	16 39	0 22	19 3	0 32	3 31	0 47	18 36	0 47	4 25	5 8	12 26	13 49	1 29
F 21	10 40	1 13	1 36	14 2	2 6	10 52	1 23	21 30	0 45	21 58	0 50	16 37	0 22	19 2	0 32	3 30	0 47	18 36	0 47	4 23	5 7	12 24	13 50	1 29
S 22	10 18	2n34	0 32	13 27	2 7	10 25	1 23	21 35	0 44	21 59	0 50	16 35	0 22	19 1	0 32	3 29	0 47	18 36	0 47	4 23	5 6	12 23	13 51	1 29
S 23	9 56	6 17	0s35	12 50	2 7	9 58	1 24	21 40	0 43	21 59	0 50	16 33	0 22	19 0	0 32	3 28	0 47	18 37	0 47	4 23	5 5	12 21	13 51	1 29
M24	9 34	9 47	1 41	12 13	2 6	9 30	1 25	21 44	0 43	22 0	0 50	16 31	0 22	19 0	0 32	3 27	0 47	18 37	0 47	4 23	5 3	12 20	13 52	1 29
T 25	9 12	12 55	2 43	11 34	2 5	9 2	1 25	21 48	0 42	22 0	0 50	16 29	0 22	18 59	0 32	3 26	0 47	18 37	0 47	4 24	5 2	12 18	13 52	1 29
W26	8 50	15 28	3 39	10 54	2 4	8 34	1 26	21 52	0 41	22 1	0 50	16 27	0 22	18 58	0 32	3 25	0 47	18 38	0 47	4 24	5 1	12 17	13 53	1 29
T 27	8 27	17 17	4 25	10 13	2 2	8 6	1 26	21 56	0 41	22 1	0 50	16 26	0 22	18 57	0 32	3 25	0 47	18 38	0 46	4 24	5 0	12 16	13 53	1 29
F 28	8s 5	18n 8	4s57	9s31	2s 0	7s38	1s26	22s 0	0n40	22s 2	0n50	16s24	0s22	18s56	0s32	3s24	0s47	18n38	0s46	4s24	4s58	12s14	13n54	1s29

Julian Day Number = 2878544.5, Delta T = 01h14m44s
Ecliptic obliquity = 23°17'08, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°06'44, Lahiri = 40°13'45

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ASTRODIENST EPHEMERIS for the year 3169
geocentric

MARCH 3169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 36 19	10♓11'45	6♋44	12♓ 5	15♓ 9	17♐37	19♐30	15♒47	6♒58	23♓15	2°R51	11°R10	12♎37	14♒24	11♉58	S 1
S 2	10 40 16	11°12'25	21°16	13°53	16°24	18° 9	19°36	15°53	7° 1	23°17	2♌50	11♎ 6	12°34	14°31	12° 0	S 2
M 3	10 44 12	12°13'04	6♌ 8	15°41	17°39	18°41	19°42	16° 0	7° 4	23°19	2°50	11° 2	12°31	14°38	12° 2	M 3
T 4	10 48 9	13°13'41	21°12	17°31	18°55	19°13	19°48	16° 7	7° 8	23°22	2°49	10°58	12°27	14°44	12° 4	T 4
W 5	10 52 5	14°14'17	6♍21	19°21	20°10	19°45	19°54	16°13	7°11	23°24	2°48	10°54	12°24	14°51	12° 7	W 5
T 6	10 56 2	15°14'51	21°23	21°11	21°25	20°17	20° 0	16°20	7°14	23°26	2°47	10°52	12°21	14°58	12° 9	T 6
F 7	10 59 59	16°15'24	6♎11	23° 2	22°40	20°48	20° 5	16°26	7°17	23°28	2°46	10°D51	12°18	15° 4	12°11	F 7
S 8	11 3 55	17°15'56	20°36	24°53	23°55	21°20	20°11	16°33	7°20	23°31	2°45	10°51	12°15	15°11	12°14	S 8
S 9	11 7 52	18°16'26	4♏36	26°44	25°10	21°51	20°16	16°39	7°22	23°33	2°44	10°52	12°11	15°18	12°16	S 9
M10	11 11 48	19°16'56	18° 8	28°35	26°26	22°23	20°21	16°46	7°25	23°35	2°43	10°54	12° 8	15°24	12°18	M10
T 11	11 15 45	20°17'24	1♐15	0♈26	27°41	22°54	20°26	16°52	7°28	23°38	2°43	10°55	12° 5	15°31	12°21	T 11
W12	11 19 41	21°17'51	13°58	2°17	28°56	23°25	20°31	16°58	7°31	23°40	2°42	10°56	12° 2	15°38	12°23	W12
T 13	11 23 38	22°18'17	26°21	4° 6	0♈11	23°56	20°35	17° 4	7°34	23°42	2°41	10°R56	11°59	15°45	12°26	T 13
F 14	11 27 34	23°18'41	8♑30	5°55	1°26	24°27	20°40	17°11	7°37	23°44	2°40	10°55	11°56	15°51	12°28	F 14
S 15	11 31 31	24°19'04	20°28	7°42	2°41	24°57	20°44	17°17	7°39	23°47	2°40	10°54	11°52	15°58	12°31	S 15
S 16	11 35 28	25°19'26	2♒20	9°28	3°56	25°28	20°48	17°23	7°42	23°49	2°39	10°52	11°49	16° 5	12°34	S 16
M17	11 39 24	26°19'46	14°10	11°11	5°11	25°58	20°52	17°29	7°45	23°51	2°38	10°49	11°46	16°11	12°36	M17
T 18	11 43 21	27°20'05	26° 1	12°51	6°26	26°29	20°55	17°35	7°47	23°54	2°37	10°47	11°43	16°18	12°39	T 18
W19	11 47 17	28°20'22	7♓56	14°28	7°41	26°59	20°59	17°41	7°50	23°56	2°37	10°45	11°40	16°25	12°42	W19
T 20	11 51 14	29°20'38	19°57	16° 1	8°56	27°29	21° 2	17°47	7°53	23°58	2°36	10°44	11°37	16°31	12°45	T 20
F 21	11 55 10	0♈20'52	2♈ 6	17°30	10°11	27°58	21° 5	17°53	7°55	24° 0	2°36	10°43	11°33	16°38	12°48	F 21
S 22	11 59 7	1°21'04	14°25	18°54	11°26	28°28	21° 8	17°59	7°58	24° 3	2°35	10°D43	11°30	16°45	12°50	S 22
S 23	12 3 3	2°21'15	26°55	20°12	12°41	28°57	21°11	18° 5	8° 0	24° 5	2°34	10°43	11°27	16°51	12°53	S 23
M24	12 7 0	3°21'23	9♉37	21°24	13°55	29°27	21°14	18°10	8° 2	24° 7	2°34	10°44	11°24	16°58	12°56	M24
T 25	12 10 56	4°21'30	22°33	22°29	15°10	29°56	21°16	18°16	8° 5	24° 9	2°33	10°45	11°21	17° 5	12°59	T 25
W26	12 14 53	5°21'35	5♊43	23°27	16°25	0♑25	21°19	18°22	8° 7	24°12	2°33	10°45	11°17	17°12	13° 2	W26
T 27	12 18 50	6°21'38	19° 9	24°18	17°40	0°53	21°21	18°27	8° 9	24°14	2°32	10°46	11°14	17°18	13° 5	T 27
F 28	12 22 46	7°21'39	2♋52	25° 0	18°55	1°22	21°23	18°33	8°12	24°16	2°32	10°R46	11°11	17°25	13° 8	F 28
S 29	12 26 43	8°21'37	16°51	25°34	20° 9	1°50	21°24	18°38	8°14	24°18	2°32	10°46	11° 8	17°32	13°11	S 29
S 30	12 30 39	9°21'34	1♌ 6	25°59	21°24	2°18	21°26	18°43	8°16	24°21	2°31	10°46	11° 5	17°38	13°15	S 30
M31	12 34 36	10♈21'28	15♌35	26♈16	22♈39	2♑46	21♐27	18♒49	8♒18	24♓23	2♌31	10°D46	11♎ 2	17♒45	13♉18	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s42	17n55	5s12	8s48	1s57	7s 9	1s27	22s 4	0n39	22s 2	0n50	16s22	0s22	18s56	0s32	3s23	0s47	18n39	0s46	4s23	4s57	12s13	13n55	1s29
S 2	7 19	16 32	5 8	8 3	1 54	6 40	1 27	22 7	0 39	22 3	0 50	16 20	0 23	18 55	0 32	3 22	0 47	18 39	0 46	4 22	4 56	12 11	13 55	1 29
M 3	6 56	14 2	4 44	7 18	1 50	6 11	1 27	22 11	0 38	22 3	0 51	16 18	0 23	18 54	0 32	3 21	0 47	18 39	0 46	4 20	4 55	12 10	13 56	1 29
T 4	6 33	10 33	3 59	6 32	1 46	5 42	1 27	22 14	0 37	22 3	0 51	16 16	0 23	18 53	0 32	3 20	0 47	18 39	0 46	4 19	4 53	12 8	13 56	1 29
W 5	6 10	6 22	2 58	5 44	1 41	5 13	1 27	22 17	0 36	22 4	0 51	16 14	0 23	18 53	0 32	3 19	0 47	18 40	0 46	4 17	4 52	12 7	13 57	1 29
T 6	5 47	1 47	1 45	4 56	1 35	4 43	1 27	22 20	0 36	22 4	0 51	16 12	0 23	18 52	0 32	3 18	0 47	18 40	0 46	4 16	4 51	12 5	13 58	1 29
F 7	5 23	2s50	0 26	4 7	1 29	4 14	1 27	22 23	0 35	22 4	0 51	16 10	0 23	18 51	0 32	3 18	0 47	18 40	0 46	4 16	4 50	12 4	13 59	1 29
S 8	5 0	7 10	0n54	3 17	1 22	3 44	1 27	22 26	0 34	22 5	0 51	16 9	0 23	18 51	0 32	3 17	0 47	18 41	0 46	4 16	4 49	12 3	13 59	1 29
S 9	4 36	10 58	2 7	2 26	1 15	3 14	1 27	22 29	0 33	22 5	0 51	16 7	0 23	18 50	0 32	3 16	0 47	18 41	0 46	4 17	4 47	12 1	14 0	1 29
M10	4 13	14 3	3 11	1 35	1 7	2 44	1 26	22 32	0 32	22 5	0 51	16 5	0 23	18 49	0 32	3 15	0 47	18 41	0 46	4 17	4 46	12 0	14 1	1 29
T 11	3 49	16 18	4 3	0 43	0 59	2 14	1 26	22 34	0 32	22 6	0 51	16 3	0 23	18 48	0 32	3 14	0 47	18 41	0 46	4 18	4 45	11 58	14 1	1 29
W12	3 26	17 40	4 42	0n 9	0 49	1 44	1 26	22 37	0 31	22 6	0 51	16 1	0 23	18 48	0 32	3 13	0 47	18 42	0 46	4 18	4 44	11 57	14 2	1 29
T 13	3 2	18 9	5 6	1 1	0 40	1 14	1 25	22 39	0 30	22 6	0 51	16 0	0 24	18 47	0 32	3 12	0 47	18 42	0 45	4 18	4 42	11 55	14 3	1 29
F 14	2 38	17 46	5 16	1 53	0 29	0 44	1 25	22 41	0 29	22 6	0 51	15 58	0 24	18 46	0 32	3 11	0 47	18 42	0 45	4 18	4 41	11 54	14 4	1 29
S 15	2 15	16 36	5 11	2 46	0 18	0 14	1 24	22 43	0 28	22 7	0 51	15 56	0 24	18 46	0 32	3 10	0 47	18 42	0 45	4 17	4 40	11 52	14 4	1 29
S 16	1 51	14 44	4 54	3 37	0 7	0n17	1 23	22 45	0 27	22 7	0 52	15 54	0 24	18 45	0 32	3 10	0 47	18 43	0 45	4 16	4 39	11 51	14 5	1 29
M17	1 27	12 15	4 24	4 29	0n 5	0 47	1 23	22 47	0 26	22 7	0 52	15 52	0 24	18 44	0 32	3 9	0 47	18 43	0 45	4 15	4 37	11 49	14 6	1 29
T 18	1 3	9 16	3 43	5 19	0 18	1 17	1 22	22 49	0 25	22 7	0 52	15 51	0 24	18 44	0 32	3 8	0 47	18 43	0 45	4 15	4 36	11 48	14 7	1 29
W19	0 39	5 53	2 52	6 8	0 31	1 47	1 21	22 51	0 24	22 7	0 52	15 49	0 24	18 43	0 33	3 7	0 47	18 43	0 45	4 14	4 35	11 46	14 8	1 30
T 20	0 16	2 14	1 53	6 56	0 44	2 17	1 20	22 52	0 23	22 7	0 52	15 47	0 24	18 42	0 33	3 6	0 47	18 43	0 45	4 13	4 34	11 45	14 8	1 30
F 21	0n 8	1n34	0 48	7 43	0 57	2 48	1 19	22 54	0 22	22 7	0 52	15 46	0 24	18 42	0 33	3 5	0 47	18 44	0 45	4 13	4 33	11 43	14 9	1 30
S 22	0 32	5 20	0s21	8 27	1 11	3 18	1 18	22 55	0 21	22 8	0 52	15 44	0 24	18 41	0 33	3 4	0 47	18 44	0 45	4 13	4 31	11 42	14 10	1 30
S 23	0 56	8 56	1 29	9 9	1 25	3 48	1 17	22 57	0 20	22 8	0 52	15 42	0 24	18 41	0 33	3 3	0 47	18 44	0 45	4 13	4 30	11 41	14 11	1 30
M24	1 20	12 10	2 34	9 49	1 38	4 18	1 16	22 58	0 19	22 8	0 52	15 41	0 25	18 40	0 33	3 2	0 47	18 44	0 45	4 13	4 29	11 39	14 12	1 30
T 25	1 43	14 52	3 32	10 26	1 52	4 48	1 14	22 59	0 18	22 8	0 52	15 39	0 25	18 39	0 33	3 2	0 47	18 44	0 45	4 14	4 28	11 38	14 13	1 30
W26	2 7	16 51	4 20	10 59	2 5	5 17	1 13	23 0	0 17	22 8	0 52	15 37	0 25	18 39	0 33	3 1	0 47	18 45	0 44	4 14	4 26	11 36	14 14	1 30
T 27	2 31	17 56	4 55	11 29	2 17	5 47	1 12	23 1	0 16	22 8	0 52	15 36	0 25	18 38	0 33	3 0	0 47	18 45	0 44	4 14	4 25	11 35	14 14	1 30
F 28	2 54	18 1	5 15	11 56	2 29	6 16	1 10	23 2	0 15	22 8	0 53	15 34	0 25	18 38	0 33	2 59	0 47	18 45	0 44	4 14	4 24	11 33	14 15	1 30
S 29	3 18	17 0	5 16	12 19	2 41	6 46	1 9	23 3	0 13	22 8	0 53	15 33	0 25	18 37	0 33	2 58	0 47	18 45	0 44	4 14	4 23	11 32	14 16	1 30
S 30	3 41	14 56	4 58	12 38	2 51	7 15	1 7	23 4	0 12	22 8	0 53	15 31	0 25	18 37	0 33	2 57	0 47	18 45	0 44	4 14	4 21	11 30	14 17	1 30
M31	4n 5	11n54	4s21	12n53	3n 0	7n44	1s 6	23s 4	0n11	22s 8	0n53	15s29	0s25	18s36	0s33	2s56	0s47	18n45	0s44	4s14	4s20	11s29	14n18	1s30

Julian Day Number = 2878572.5, Delta T = 01h14m44s
Ecliptic obliquity = 23°17'08, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°06'48, Lahiri = 40°13'49

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ASTRODIENST EPHEMERIS for the year 3169
geocentric

APRIL 3169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 38 32	11♈21'20	0♍14	26°R24	23♈53	3♉14	21♐28	18♒54	8♒20	24♓25	2°R30	10♎46	10♎58	17♒52	13♉21	T 1
W 2	12 42 29	12°21'10	14°56	26♈23	25° 8	3°42	21°29	18°59	8°22	24°27	2♌30	10°46	10°55	17°58	13°24	W 2
T 3	12 46 25	13°20'58	29°37	26°14	26°23	4° 9	21°30	19° 4	8°24	24°29	2°30	10°46	10°52	18° 5	13°27	T 3
F 4	12 50 22	14°20'44	14♎ 9	25°56	27°37	4°36	21°31	19° 9	8°26	24°32	2°29	10°R46	10°49	18°12	13°31	F 4
S 5	12 54 19	15°20'28	28°26	25°31	28°52	5° 3	21°31	19°14	8°28	24°34	2°29	10°46	10°46	18°18	13°34	S 5
S 6	12 58 15	16°20'10	12♏23	24°59	0♉ 6	5°30	21°31	19°19	8°30	24°36	2°29	10°46	10°43	18°25	13°37	S 6
M 7	13 2 12	17°19'51	25°58	24°22	1°21	5°56	21°R31	19°24	8°32	24°38	2°29	10°45	10°39	18°32	13°40	M 7
T 8	13 6 8	18°19'30	9♐ 9	23°38	2°35	6°23	21°31	19°29	8°34	24°40	2°29	10°44	10°36	18°39	13°44	T 8
W 9	13 10 5	19°19'07	21°58	22°51	3°50	6°49	21°31	19°33	8°35	24°42	2°28	10°43	10°33	18°45	13°47	W 9
T 10	13 14 1	20°18'42	4♑26	22° 0	5° 4	7°14	21°30	19°38	8°37	24°44	2°28	10°42	10°30	18°52	13°50	T 10
F 11	13 17 58	21°18'16	16°39	21° 8	6°18	7°40	21°30	19°43	8°39	24°47	2°28	10°D42	10°27	18°59	13°54	F 11
S 12	13 21 54	22°17'48	28°39	20°15	7°33	8° 5	21°29	19°47	8°40	24°49	2°28	10°42	10°23	19° 5	13°57	S 12
S 13	13 25 51	23°17'19	10♒32	19°22	8°47	8°30	21°28	19°52	8°42	24°51	2°28	10°42	10°20	19°12	14° 1	S 13
M14	13 29 47	24°16'47	22°22	18°30	10° 1	8°55	21°26	19°56	8°43	24°53	2°28	10°43	10°17	19°19	14° 4	M14
T 15	13 33 44	25°16'14	4♓14	17°40	11°16	9°19	21°25	20° 0	8°45	24°55	2°D28	10°45	10°14	19°25	14° 8	T 15
W16	13 37 41	26°15'39	16°12	16°54	12°30	9°44	21°23	20° 4	8°46	24°57	2°28	10°46	10°11	19°32	14°11	W16
T 17	13 41 37	27°15'02	28°20	16°11	13°44	10° 7	21°21	20° 9	8°48	24°59	2°28	10°47	10° 8	19°39	14°15	T 17
F 18	13 45 34	28°14'24	10♈40	15°33	14°58	10°31	21°19	20°13	8°49	25° 1	2°28	10°R47	10° 4	19°45	14°18	F 18
S 19	13 49 30	29°13'43	23°14	15° 0	16°13	10°54	21°17	20°16	8°50	25° 3	2°28	10°47	10° 1	19°52	14°22	S 19
S 20	13 53 27	0♉13'01	6♉ 4	14°32	17°27	11°17	21°15	20°20	8°51	25° 5	2°28	10°46	9°58	19°59	14°25	S 20
M21	13 57 23	1°12'16	19° 8	14°10	18°41	11°40	21°12	20°24	8°52	25° 7	2°28	10°43	9°55	20° 6	14°29	M21
T 22	14 1 20	2°11'30	2♊28	13°53	19°55	12° 2	21°10	20°28	8°54	25° 9	2°28	10°40	9°52	20°12	14°32	T 22
W23	14 5 16	3°10'42	16° 1	13°42	21° 9	12°24	21° 7	20°31	8°55	25°10	2°29	10°37	9°48	20°19	14°36	W23
T 24	14 9 13	4° 9'51	29°45	13°36	22°23	12°46	21° 4	20°35	8°56	25°12	2°29	10°34	9°45	20°26	14°39	T 24
F 25	14 13 10	5° 8'58	13♋40	13°D36	23°37	13° 7	21° 0	20°38	8°57	25°14	2°29	10°31	9°42	20°32	14°43	F 25
S 26	14 17 6	6° 8'03	27°42	13°41	24°51	13°28	20°57	20°42	8°58	25°16	2°29	10°30	9°39	20°39	14°46	S 26
S 27	14 21 3	7° 7'06	11♌51	13°51	26° 5	13°49	20°53	20°45	8°58	25°18	2°30	10°D30	9°36	20°46	14°50	S 27
M28	14 24 59	8° 6'06	26° 4	14° 7	27°19	14° 9	20°49	20°48	8°59	25°20	2°30	10°31	9°33	20°52	14°54	M28
T 29	14 28 56	9° 5'04	10♍20	14°27	28°32	14°29	20°45	20°51	9° 0	25°21	2°30	10°32	9°29	20°59	14°57	T 29
W30	14 32 52	10♉ 3'59	24♍35	14♈52	29♉46	14♉48	20♐41	20♒54	9♒ 1	25♓23	2♌31	10♎34	9♎26	21♒ 6	15♉ 1	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n28	8n 5	3s27	13n 3	3n 8	8n13	1s 4	23s 5	0n10	22s 8	0n53	15s28	0s25	18s36	0s33	2s55	0s47	18n46	0s44	4s14	4s19	11s27	14n19	1s30
W 2	4 51	3 46	2 19	13 9	3 15	8 42	1 3	23 5	0 9	22 8	0 53	15 26	0 25	18 35	0 33	2 55	0 47	18 46	0 44	4 14	4 18	11 26	14 20	1 30
T 3	5 14	0s48	1 2	13 10	3 20	9 10	1 1	23 6	0 7	22 8	0 53	15 25	0 26	18 35	0 33	2 54	0 47	18 46	0 44	4 14	4 16	11 24	14 21	1 30
F 4	5 37	5 15	0n19	13 7	3 24	9 38	0 59	23 6	0 6	22 8	0 53	15 23	0 26	18 34	0 33	2 53	0 47	18 46	0 44	4 14	4 15	11 23	14 22	1 30
S 5	6 0	9 21	1 37	13 0	3 26	10 7	0 57	23 7	0 5	22 8	0 53	15 22	0 26	18 34	0 33	2 52	0 47	18 46	0 44	4 14	4 14	11 21	14 23	1 30
S 6	6 23	12 48	2 47	12 48	3 26	10 34	0 55	23 7	0 3	22 8	0 53	15 21	0 26	18 33	0 33	2 51	0 47	18 46	0 44	4 14	4 13	11 20	14 24	1 30
M 7	6 46	15 28	3 45	12 33	3 24	11 2	0 53	23 7	0 2	22 8	0 53	15 19	0 26	18 33	0 33	2 50	0 47	18 46	0 44	4 14	4 12	11 18	14 25	1 30
T 8	7 8	17 13	4 30	12 13	3 20	11 29	0 51	23 7	0 1	22 8	0 53	15 18	0 26	18 32	0 33	2 50	0 47	18 47	0 43	4 13	4 10	11 17	14 26	1 30
W 9	7 31	18 3	5 0	11 51	3 15	11 56	0 49	23 8	0s 1	22 8	0 53	15 16	0 26	18 32	0 33	2 49	0 47	18 47	0 43	4 13	4 9	11 15	14 26	1 30
T 10	7 53	17 58	5 15	11 25	3 7	12 23	0 47	23 8	0 2	22 8	0 54	15 15	0 26	18 32	0 33	2 48	0 47	18 47	0 43	4 13	4 8	11 14	14 27	1 30
F 11	8 15	17 2	5 15	10 57	2 58	12 49	0 45	23 8	0 4	22 7	0 54	15 14	0 26	18 31	0 33	2 47	0 47	18 47	0 43	4 12	4 7	11 12	14 28	1 30
S 12	8 38	15 22	5 2	10 27	2 48	13 16	0 43	23 8	0 5	22 7	0 54	15 12	0 27	18 31	0 33	2 46	0 47	18 47	0 43	4 12	4 5	11 11	14 29	1 30
S 13	9 0	13 4	4 35	9 56	2 36	13 41	0 41	23 8	0 7	22 7	0 54	15 11	0 27	18 30	0 33	2 46	0 47	18 47	0 43	4 13	4 4	11 9	14 30	1 30
M14	9 21	10 13	3 57	9 24	2 22	14 7	0 39	23 8	0 8	22 7	0 54	15 10	0 27	18 30	0 33	2 45	0 47	18 47	0 43	4 13	4 3	11 8	14 31	1 30
T 15	9 43	6 57	3 9	8 52	2 8	14 32	0 36	23 8	0 10	22 7	0 54	15 9	0 27	18 30	0 33	2 44	0 47	18 47	0 43	4 14	4 2	11 6	14 32	1 30
W16	10 4	3 23	2 12	8 20	1 53	14 57	0 34	23 7	0 12	22 7	0 54	15 7	0 27	18 29	0 33	2 43	0 47	18 47	0 43	4 14	4 0	11 5	14 33	1 30
T 17	10 26	0n23	1 8	7 50	1 37	15 21	0 32	23 7	0 13	22 6	0 54	15 6	0 27	18 29	0 33	2 42	0 47	18 47	0 43	4 15	3 59	11 3	14 34	1 30
F 18	10 47	4 12	0 1	7 20	1 21	15 45	0 29	23 7	0 15	22 6	0 54	15 5	0 27	18 29	0 33	2 42	0 47	18 47	0 43	4 15	3 58	11 2	14 35	1 30
S 19	11 8	7 55	1s 8	6 53	1 5	16 9	0 27	23 7	0 17	22 6	0 54	15 4	0 27	18 28	0 34	2 41	0 47	18 47	0 43	4 15	3 57	11 0	14 36	1 30
S 20	11 29	11 20	2 15	6 27	0 49	16 32	0 25	23 7	0 18	22 6	0 54	15 3	0 27	18 28	0 34	2 40	0 47	18 48	0 42	4 14	3 55	10 59	14 37	1 30
M21	11 49	14 15	3 16	6 3	0 33	16 55	0 22	23 7	0 20	22 6	0 54	15 2	0 28	18 28	0 34	2 39	0 47	18 48	0 42	4 13	3 54	10 57	14 38	1 31
T 22	12 9	16 28	4 7	5 42	0 17	17 17	0 20	23 7	0 22	22 5	0 54	15 1	0 28	18 28	0 34	2 39	0 47	18 48	0 42	4 12	3 53	10 56	14 39	1 31
W23	12 30	17 49	4 46	5 24	0 2	17 39	0 17	23 6	0 24	22 5	0 54	15 0	0 28	18 27	0 34	2 38	0 48	18 48	0 42	4 11	3 52	10 54	14 40	1 31
T 24	12 50	18 8	5 9	5 8	0s14	18 1	0 15	23 6	0 26	22 5	0 54	14 59	0 28	18 27	0 34	2 37	0 48	18 48	0 42	4 9	3 50	10 52	14 41	1 31
F 25	13 9	17 23	5 14	4 54	0 28	18 22	0 12	23 6	0 28	22 5	0 54	14 58	0 28	18 27	0 34	2 37	0 48	18 48	0 42	4 8	3 49	10 51	14 42	1 31
S 26	13 29	15 35	5 0	4 43	0 42	18 42	0 10	23 6	0 30	22 4	0 54	14 57	0 28	18 27	0 34	2 36	0 48	18 48	0 42	4 8	3 48	10 49	14 43	1 31
S 27	13 48	12 49	4 29	4 35	0 55	19 2	0 7	23 6	0 32	22 4	0 54	14 56	0 28	18 27	0 34	2 35	0 48	18 48	0 42	4 8	3 47	10 48	14 44	1 31
M28	14 7	9 17	3 40	4 29	1 8	19 22	0 5	23 6	0 34	22 4	0 55	14 55	0 28	18 26	0 34	2 34	0 48	18 48	0 42	4 8	3 45	10 46	14 45	1 31
T 29	14 26	5 12	2 38	4 26	1 20	19 41	0 2	23 6	0 36	22 4	0 55	14 54	0 29	18 26	0 34	2 34	0 48	18 48	0 42	4 9	3 44	10 45	14 46	1 31
W30	14n44	0n49	1s27	4n25	1s31	19n59	0n 1	23s 6	0s38	22s 3	0n55	14s53	0s29	18s26	0s34	2s33	0s48	18n48	0s42	4s 9	3s43	10s43	14n47	1s31

Julian Day Number = 2878603.5, Delta T = 01h14m45s
Ecliptic obliquity = 23°17'08, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°06'53, Lahiri = 40°13'53

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ASTRODIENST EPHEMERIS for the year 3169
geocentric

MAY 3169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 36 49	11♉ 2'53	8♎48	15♈22	1♊ 0	15♑ 7	20°R37	20♒57	9♒ 1	25♓25	2♌31	10°R34	9♎23	21♒12	15♉ 4	T 1
F 2	14 40 45	12° 1'44	22°53	15°55	2°14	15°26	20♐33	21° 0	9° 2	25°27	2°31	10♎34	9°20	21°19	15° 8	F 2
S 3	14 44 42	13° 0'34	6♏49	16°33	3°27	15°44	20°28	21° 3	9° 2	25°28	2°32	10°32	9°17	21°26	15°12	S 3
S 4	14 48 39	13°59'21	20°30	17°14	4°41	16° 2	20°23	21° 6	9° 3	25°30	2°32	10°28	9°14	21°33	15°15	S 4
M 5	14 52 35	14°58'07	3♐55	17°59	5°55	16°19	20°18	21° 8	9° 3	25°32	2°33	10°23	9°10	21°39	15°19	M 5
T 6	14 56 32	15°56'51	17° 1	18°48	7° 8	16°36	20°13	21°11	9° 4	25°33	2°33	10°17	9° 7	21°46	15°23	T 6
W 7	15 0 28	16°55'33	29°48	19°40	8°22	16°53	20° 8	21°13	9° 4	25°35	2°34	10°11	9° 4	21°53	15°26	W 7
T 8	15 4 25	17°54'13	12♑17	20°35	9°35	17° 9	20° 3	21°15	9° 4	25°36	2°34	10° 5	9° 1	21°59	15°30	T 8
F 9	15 8 21	18°52'52	24°31	21°33	10°49	17°24	19°57	21°18	9° 5	25°38	2°35	10° 1	8°58	22° 6	15°33	F 9
S 10	15 12 18	19°51'29	6♒32	22°34	12° 2	17°39	19°52	21°20	9° 5	25°40	2°35	9°58	8°54	22°13	15°37	S 10
S 11	15 16 14	20°50'04	18°26	23°37	13°16	17°54	19°46	21°22	9° 5	25°41	2°36	9°D57	8°51	22°19	15°41	S 11
M12	15 20 11	21°48'38	0♓16	24°44	14°29	18° 8	19°40	21°24	9° 5	25°43	2°36	9°58	8°48	22°26	15°44	M12
T 13	15 24 8	22°47'10	12° 9	25°52	15°43	18°21	19°34	21°26	9°R 5	25°44	2°37	9°59	8°45	22°33	15°48	T 13
W14	15 28 4	23°45'41	24° 9	27° 4	16°56	18°34	19°28	21°27	9° 5	25°45	2°38	10° 0	8°42	22°39	15°52	W14
T 15	15 32 1	24°44'10	6♈20	28°17	18° 9	18°47	19°22	21°29	9° 5	25°47	2°38	10°R 1	8°39	22°46	15°55	T 15
F 16	15 35 57	25°42'37	18°48	29°33	19°22	18°58	19°15	21°31	9° 5	25°48	2°39	10° 1	8°35	22°53	15°59	F 16
S 17	15 39 54	26°41'03	1♉34	0♉51	20°36	19°10	19° 9	21°32	9° 5	25°49	2°40	9°59	8°32	22°59	16° 2	S 17
S 18	15 43 50	27°39'27	14°41	2°12	21°49	19°20	19° 2	21°33	9° 5	25°51	2°41	9°54	8°29	23° 6	16° 6	S 18
M19	15 47 47	28°37'50	28° 8	3°34	23° 2	19°30	18°56	21°35	9° 4	25°52	2°41	9°48	8°26	23°13	16° 9	M19
T 20	15 51 43	29°36'11	11♊53	4°59	24°15	19°40	18°49	21°36	9° 4	25°53	2°42	9°40	8°23	23°19	16°13	T 20
W21	15 55 40	0♊34'30	25°54	6°26	25°28	19°49	18°42	21°37	9° 4	25°55	2°43	9°32	8°20	23°26	16°17	W21
T 22	15 59 37	1°32'47	10♋ 4	7°54	26°41	19°57	18°35	21°38	9° 3	25°56	2°44	9°24	8°16	23°33	16°20	T 22
F 23	16 3 33	2°31'03	24°21	9°25	27°54	20° 5	18°28	21°39	9° 3	25°57	2°45	9°18	8°13	23°40	16°24	F 23
S 24	16 7 30	3°29'16	8♌38	10°58	29° 7	20°12	18°21	21°39	9° 2	25°58	2°46	9°13	8°10	23°46	16°27	S 24
S 25	16 11 26	4°27'27	22°53	12°32	0♋20	20°18	18°14	21°40	9° 2	25°59	2°46	9°10	8° 7	23°53	16°31	S 25
M26	16 15 23	5°25'37	7♍ 3	14° 9	1°33	20°24	18° 7	21°41	9° 1	26° 0	2°47	9°D10	8° 4	24° 0	16°34	M26
T 27	16 19 19	6°23'44	21° 7	15°47	2°46	20°28	17°59	21°41	9° 0	26° 1	2°48	9°10	8° 0	24° 6	16°38	T 27
W28	16 23 16	7°21'50	5♎ 3	17°28	3°58	20°33	17°52	21°42	9° 0	26° 2	2°49	9°R11	7°57	24°13	16°41	W28
T 29	16 27 12	8°19'53	18°51	19°10	5°11	20°36	17°45	21°42	8°59	26° 3	2°50	9°11	7°54	24°20	16°45	T 29
F 30	16 31 9	9°17'55	2♏31	20°55	6°24	20°39	17°37	21°42	8°58	26° 4	2°51	9° 9	7°51	24°26	16°48	F 30
S 31	16 35 6	10♊15'55	16♏ 1	22♉41	7♋36	20♑41	17♐30	21°R42	8♒57	26♓ 5	2♌52	9♎ 4	7♎48	24♒33	16♉51	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 3	3s37	0s10	4n27	1s42	20n17	0n 3	23s 6	0s40	22s 3	0n55	14s52	0s29	18s26	0s34	2s32	0s48	18n48	0s42	4s10	3s42	10s42	14n48	1s31
F 2	15 21	7 48	1n 7	4 30	1 52	20 34	0 6	23 6	0 42	22 3	0 55	14 52	0 29	18 26	0 34	2 32	0 48	18 48	0 42	4 9	3 41	10 40	14 49	1 31
S 3	15 39	11 31	2 19	4 36	2 1	20 51	0 9	23 6	0 44	22 2	0 55	14 51	0 29	18 26	0 34	2 31	0 48	18 48	0 41	4 9	3 39	10 39	14 50	1 31
S 4	15 56	14 32	3 21	4 44	2 9	21 7	0 11	23 6	0 47	22 2	0 55	14 50	0 29	18 26	0 34	2 31	0 48	18 48	0 41	4 7	3 38	10 37	14 51	1 31
M 5	16 13	16 41	4 11	4 54	2 17	21 23	0 14	23 6	0 49	22 1	0 55	14 49	0 29	18 25	0 34	2 30	0 48	18 48	0 41	4 5	3 37	10 36	14 52	1 31
T 6	16 30	17 55	4 46	5 6	2 24	21 38	0 17	23 7	0 51	22 1	0 55	14 49	0 29	18 25	0 34	2 29	0 48	18 48	0 41	4 3	3 36	10 34	14 53	1 31
W 7	16 47	18 11	5 6	5 19	2 30	21 53	0 19	23 7	0 54	22 1	0 55	14 48	0 30	18 25	0 34	2 29	0 48	18 48	0 41	4 0	3 34	10 33	14 54	1 32
T 8	17 3	17 34	5 11	5 35	2 36	22 6	0 22	23 7	0 56	22 0	0 55	14 47	0 30	18 25	0 34	2 28	0 48	18 48	0 41	3 58	3 33	10 31	14 55	1 32
F 9	17 20	16 8	5 1	5 51	2 41	22 20	0 25	23 8	0 59	22 0	0 55	14 47	0 30	18 25	0 34	2 28	0 48	18 48	0 41	3 57	3 32	10 29	14 56	1 32
S 10	17 35	14 1	4 38	6 10	2 45	22 32	0 27	23 8	1 1	21 59	0 55	14 46	0 30	18 25	0 34	2 27	0 48	18 47	0 41	3 55	3 31	10 28	14 57	1 32
S 11	17 51	11 20	4 4	6 30	2 49	22 44	0 30	23 9	1 4	21 59	0 55	14 46	0 30	18 25	0 34	2 26	0 48	18 47	0 41	3 55	3 29	10 26	14 58	1 32
M12	18 6	8 12	3 19	6 51	2 52	22 56	0 33	23 10	1 6	21 59	0 55	14 45	0 30	18 25	0 34	2 26	0 48	18 47	0 41	3 55	3 28	10 25	14 59	1 32
T 13	18 21	4 43	2 25	7 13	2 54	23 6	0 35	23 11	1 9	21 58	0 55	14 45	0 30	18 25	0 34	2 25	0 48	18 47	0 41	3 56	3 27	10 23	15 0	1 32
W14	18 36	1 0	1 25	7 37	2 56	23 16	0 38	23 12	1 12	21 58	0 55	14 44	0 30	18 25	0 34	2 25	0 48	18 47	0 41	3 56	3 26	10 22	15 1	1 32
T 15	18 50	2n48	0 20	8 2	2 58	23 26	0 40	23 13	1 15	21 57	0 55	14 44	0 31	18 25	0 34	2 24	0 48	18 47	0 41	3 57	3 24	10 20	15 2	1 32
F 16	19 4	6 35	0s47	8 28	2 58	23 35	0 43	23 14	1 17	21 57	0 55	14 44	0 31	18 25	0 34	2 24	0 48	18 47	0 40	3 57	3 23	10 19	15 3	1 32
S 17	19 17	10 10	1 54	8 55	2 58	23 43	0 45	23 15	1 20	21 56	0 55	14 43	0 31	18 26	0 35	2 23	0 48	18 47	0 40	3 56	3 22	10 17	15 3	1 32
S 18	19 31	13 20	2 56	9 23	2 58	23 50	0 48	23 16	1 23	21 56	0 55	14 43	0 31	18 26	0 35	2 23	0 48	18 47	0 40	3 54	3 21	10 16	15 4	1 32
M19	19 44	15 53	3 50	9 51	2 56	23 57	0 51	23 18	1 26	21 55	0 55	14 43	0 31	18 26	0 35	2 22	0 48	18 47	0 40	3 52	3 19	10 14	15 5	1 32
T 20	19 56	17 35	4 32	10 21	2 55	24 3	0 53	23 19	1 29	21 55	0 55	14 42	0 31	18 26	0 35	2 22	0 48	18 47	0 40	3 49	3 18	10 12	15 6	1 33
W21	20 8	18 16	4 58	10 52	2 52	24 8	0 56	23 21	1 32	21 54	0 55	14 42	0 31	18 26	0 35	2 21	0 48	18 47	0 40	3 45	3 17	10 11	15 7	1 33
T 22	20 20	17 49	5 6	11 23	2 50	24 13	0 58	23 23	1 35	21 54	0 55	14 42	0 31	18 26	0 35	2 21	0 48	18 46	0 40	3 42	3 16	10 9	15 8	1 33
F 23	20 32	16 15	4 56	11 54	2 46	24 17	1 0	23 25	1 38	21 53	0 55	14 42	0 32	18 26	0 35	2 20	0 48	18 46	0 40	3 40	3 14	10 8	15 9	1 33
S 24	20 43	13 41	4 27	12 27	2 42	24 20	1 3	23 27	1 41	21 52	0 55	14 42	0 32	18 26	0 35	2 20	0 48	18 46	0 40	3 38	3 13	10 6	15 10	1 33
S 25	20 54	10 18	3 42	13 0	2 38	24 22	1 5	23 29	1 45	21 52	0 54	14 42	0 32	18 27	0 35	2 20	0 48	18 46	0 40	3 37	3 12	10 5	15 11	1 33
M26	21 4	6 20	2 43	13 33	2 33	24 24	1 7	23 32	1 48	21 51	0 54	14 42	0 32	18 27	0 35	2 19	0 48	18 46	0 40	3 37	3 11	10 3	15 12	1 33
T 27	21 14	2 2	1 35	14 6	2 27	24 25	1 10	23 34	1 51	21 51	0 54	14 42	0 32	18 27	0 35	2 19	0 49	18 46	0 40	3 37	3 9	10 2	15 13	1 33
W28	21 24	2s20	0 22	14 40	2 21	24 26	1 12	23 37	1 55	21 50	0 54	14 42	0 32	18 27	0 35	2 18	0 49	18 46	0 40	3 37	3 8	10 0	15 13	1 33
T 29	21 33	6 33	0n52	15 14	2 15	24 25	1 14	23 40	1 58	21 49	0 54	14 42	0 32	18 27	0 35	2 18	0 49	18 45	0 40	3 37	3 7	9 58	15 14	1 33
F 30	21 42	10 22	2 1	15 49	2 8	24 24	1 16	23 43	2 2	21 49	0 54	14 42	0 32	18 28	0 35	2 18	0 49	18 45	0 39	3 36	3 6	9 57	15 15	1 33
S 31	21n51	13s36	3n 3	16n23	2s 1	24n22	1n19	23s46	2s 5	21s48	0n54	14s42	0s33	18s28	0s35	2s17	0s49	18n45	0s39	3s34	3s 4	9s55	15n16	1s34

Julian Day Number = 2878633.5, Delta T = 01h14m46s
Ecliptic obliquity = 23°17'08, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°06'57, Lahiri = 40°13'57

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ASTRODIENST EPHEMERIS for the year 3169
geocentric

JUNE 3169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 39 2	11♊13'54	29♏19	24♉30	8♋49	20♑43	17°R22	21°R42	8°R57	26♓ 6	2♌53	8°R56	7♎45	24♒40	16♉55	S 1
M 2	16 42 59	12°11'51	12♐25	26°20	10° 1	20°44	17♐15	21♒42	8♒56	26° 7	2°54	8♎47	7°41	24°46	16°58	M 2
T 3	16 46 55	13° 9'47	25°18	28°12	11°14	20°R44	17° 7	21°42	8°55	26° 8	2°55	8°36	7°38	24°53	17° 1	T 3
W 4	16 50 52	14° 7'41	7♑55	0♊ 7	12°26	20°43	16°59	21°41	8°54	26° 9	2°56	8°25	7°35	25° 0	17° 5	W 4
T 5	16 54 48	15° 5'34	20°18	2° 3	13°39	20°42	16°52	21°41	8°53	26° 9	2°58	8°14	7°32	25° 6	17° 8	T 5
F 6	16 58 45	16° 3'25	2♒29	4° 1	14°51	20°39	16°44	21°41	8°51	26°10	2°59	8° 5	7°29	25°13	17°11	F 6
S 7	17 2 41	17° 1'16	14°28	6° 1	16° 3	20°36	16°36	21°40	8°50	26°11	3° 0	7°58	7°26	25°20	17°15	S 7
S 8	17 6 38	17°59'05	26°21	8° 3	17°16	20°33	16°29	21°39	8°49	26°12	3° 1	7°53	7°22	25°26	17°18	S 8
M 9	17 10 35	18°56'53	8♓10	10° 7	18°28	20°28	16°21	21°38	8°48	26°12	3° 2	7°51	7°19	25°33	17°21	M 9
T 10	17 14 31	19°54'40	20° 2	12°12	19°40	20°23	16°14	21°38	8°47	26°13	3° 3	7°D50	7°16	25°40	17°24	T 10
W11	17 18 28	20°52'25	2♈ 1	14°19	20°52	20°17	16° 6	21°37	8°45	26°13	3° 4	7°R51	7°13	25°46	17°27	W11
T 12	17 22 24	21°50'10	14°14	16°27	22° 4	20°10	15°58	21°36	8°44	26°14	3° 6	7°51	7°10	25°53	17°31	T 12
F 13	17 26 21	22°47'54	26°44	18°37	23°16	20° 3	15°51	21°34	8°42	26°15	3° 7	7°49	7° 6	26° 0	17°34	F 13
S 14	17 30 17	23°45'37	9♉36	20°47	24°28	19°54	15°43	21°33	8°41	26°15	3° 8	7°46	7° 3	26° 7	17°37	S 14
S 15	17 34 14	24°43'19	22°53	22°58	25°40	19°45	15°36	21°32	8°39	26°15	3° 9	7°40	7° 0	26°13	17°40	S 15
M16	17 38 10	25°41'00	6♊35	25°10	26°52	19°35	15°28	21°30	8°38	26°16	3°11	7°31	6°57	26°20	17°43	M16
T 17	17 42 7	26°38'40	20°40	27°22	28° 4	19°25	15°21	21°29	8°36	26°16	3°12	7°21	6°54	26°27	17°46	T 17
W18	17 46 4	27°36'19	5♋ 5	29°35	29°16	19°14	15°13	21°27	8°35	26°17	3°13	7° 9	6°51	26°33	17°49	W18
T 19	17 50 0	28°33'56	19°42	1♋47	0♌27	19° 2	15° 6	21°25	8°33	26°17	3°15	6°58	6°47	26°40	17°52	T 19
F 20	17 53 57	29°31'33	4♌24	3°58	1°39	18°49	14°59	21°24	8°32	26°17	3°16	6°49	6°44	26°47	17°55	F 20
S 21	17 57 53	0♋29'08	19° 4	6° 9	2°51	18°36	14°52	21°22	8°30	26°18	3°17	6°42	6°41	26°53	17°58	S 21
S 22	18 1 50	1°26'42	3♍35	8°18	4° 2	18°22	14°45	21°20	8°28	26°18	3°19	6°38	6°38	27° 0	18° 1	S 22
M23	18 5 46	2°24'14	17°53	10°27	5°14	18° 8	14°38	21°18	8°26	26°18	3°20	6°36	6°35	27° 7	18° 3	M23
T 24	18 9 43	3°21'46	1♎56	12°33	6°25	17°53	14°31	21°15	8°24	26°18	3°21	6°36	6°32	27°13	18° 6	T 24
W25	18 13 39	4°19'16	15°45	14°38	7°37	17°37	14°24	21°13	8°23	26°18	3°23	6°35	6°28	27°20	18° 9	W25
T 26	18 17 36	5°16'45	29°19	16°42	8°48	17°21	14°17	21°11	8°21	26°18	3°24	6°34	6°25	27°27	18°12	T 26
F 27	18 21 33	6°14'12	12♏40	18°43	9°59	17° 4	14°10	21° 8	8°19	26°18	3°25	6°31	6°22	27°33	18°14	F 27
S 28	18 25 29	7°11'39	25°49	20°42	11°10	16°47	14° 4	21° 6	8°17	26°R18	3°27	6°25	6°19	27°40	18°17	S 28
S 29	18 29 26	8° 9'05	8♐46	22°39	12°21	16°30	13°57	21° 3	8°15	26°18	3°28	6°17	6°16	27°47	18°20	S 29
M30	18 33 22	9♋ 6'29	21♐32	24♋34	13♌32	16♑12	13♐51	21♒ 1	8♒13	26♓18	3♌30	6♎ 6	6♎12	27♒53	18♉22	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n59	16s 4	3n54	16n57	1s53	24n20	1n21	23s49	2s 9	21s48	0n54	14s42	0s33	18s28	0s35	2s17	0s49	18n45	0s39	3s31	3s 3	9s54	15n17	1s34
M 2	22 7	17 39	4 32	17 31	1 45	24 17	1 23	23 53	2 12	21 47	0 54	14 42	0 33	18 28	0 35	2 17	0 49	18 45	0 39	3 28	3 2	9 52	15 18	1 34
T 3	22 14	18 17	4 55	18 4	1 36	24 13	1 25	23 56	2 16	21 46	0 54	14 42	0 33	18 29	0 35	2 17	0 49	18 45	0 39	3 23	3 1	9 51	15 19	1 34
W 4	22 21	18 1	5 3	18 38	1 27	24 9	1 27	24 0	2 19	21 46	0 54	14 43	0 33	18 29	0 35	2 16	0 49	18 44	0 39	3 19	2 59	9 49	15 19	1 34
T 5	22 27	16 53	4 56	19 10	1 18	24 3	1 28	24 4	2 23	21 45	0 54	14 43	0 33	18 29	0 35	2 16	0 49	18 44	0 39	3 15	2 58	9 47	15 20	1 34
F 6	22 34	14 59	4 36	19 42	1 8	23 58	1 30	24 8	2 27	21 44	0 54	14 43	0 33	18 30	0 35	2 16	0 49	18 44	0 39	3 11	2 57	9 46	15 21	1 34
S 7	22 39	12 29	4 4	20 13	0 58	23 51	1 32	24 12	2 31	21 44	0 54	14 43	0 34	18 30	0 35	2 15	0 49	18 44	0 39	3 8	2 56	9 44	15 22	1 34
S 8	22 45	9 29	3 22	20 43	0 48	23 44	1 34	24 16	2 34	21 43	0 53	14 44	0 34	18 30	0 35	2 15	0 49	18 44	0 39	3 7	2 54	9 43	15 23	1 34
M 9	22 50	6 7	2 31	21 12	0 37	23 36	1 35	24 21	2 38	21 42	0 53	14 44	0 34	18 31	0 35	2 15	0 49	18 44	0 39	3 6	2 53	9 41	15 23	1 35
T 10	22 54	2 29	1 33	21 40	0 27	23 27	1 37	24 25	2 42	21 42	0 53	14 44	0 34	18 31	0 35	2 15	0 49	18 43	0 39	3 5	2 52	9 39	15 24	1 35
W11	22 58	1n16	0 31	22 6	0 16	23 18	1 39	24 30	2 46	21 41	0 53	14 45	0 34	18 31	0 35	2 15	0 49	18 43	0 39	3 6	2 51	9 38	15 25	1 35
T 12	23 2	5 3	0s34	22 30	0 6	23 8	1 40	24 35	2 50	21 40	0 53	14 45	0 34	18 32	0 35	2 14	0 49	18 43	0 39	3 6	2 49	9 36	15 26	1 35
F 13	23 5	8 42	1 39	22 53	0n 5	22 58	1 41	24 40	2 54	21 40	0 53	14 46	0 34	18 32	0 35	2 14	0 49	18 43	0 38	3 5	2 48	9 35	15 26	1 35
S 14	23 8	12 4	2 40	23 13	0 15	22 46	1 43	24 45	2 58	21 39	0 53	14 46	0 34	18 33	0 35	2 14	0 49	18 42	0 38	3 4	2 47	9 33	15 27	1 35
S 15	23 11	14 54	3 35	23 32	0 26	22 35	1 44	24 50	3 2	21 38	0 53	14 47	0 35	18 33	0 35	2 14	0 49	18 42	0 38	3 1	2 46	9 32	15 28	1 35
M16	23 13	17 1	4 19	23 48	0 36	22 22	1 45	24 56	3 6	21 38	0 52	14 48	0 35	18 33	0 35	2 14	0 49	18 42	0 38	2 58	2 44	9 30	15 29	1 35
T 17	23 15	18 10	4 48	24 1	0 46	22 9	1 46	25 1	3 10	21 37	0 52	14 48	0 35	18 34	0 36	2 14	0 49	18 42	0 38	2 54	2 43	9 28	15 29	1 36
W18	23 16	18 11	5 1	24 12	0 55	21 56	1 47	25 7	3 14	21 36	0 52	14 49	0 35	18 34	0 36	2 14	0 49	18 42	0 38	2 49	2 42	9 27	15 30	1 36
T 19	23 17	17 0	4 54	24 20	1 4	21 41	1 48	25 12	3 17	21 36	0 52	14 50	0 35	18 35	0 36	2 13	0 49	18 41	0 38	2 45	2 41	9 25	15 31	1 36
F 20	23 17	14 42	4 27	24 26	1 12	21 27	1 49	25 18	3 21	21 35	0 52	14 50	0 35	18 35	0 36	2 13	0 49	18 41	0 38	2 41	2 39	9 24	15 31	1 36
S 21	23 17	11 28	3 43	24 29	1 20	21 11	1 50	25 23	3 25	21 34	0 52	14 51	0 35	18 36	0 36	2 13	0 49	18 41	0 38	2 39	2 38	9 22	15 32	1 36
S 22	23 17	7 34	2 45	24 29	1 27	20 55	1 51	25 29	3 29	21 34	0 52	14 52	0 36	18 36	0 36	2 13	0 49	18 41	0 38	2 37	2 37	9 20	15 33	1 36
M23	23 16	3 16	1 37	24 26	1 34	20 39	1 52	25 35	3 33	21 33	0 51	14 52	0 36	18 37	0 36	2 13	0 50	18 40	0 38	2 36	2 36	9 19	15 33	1 36
T 24	23 15	1s 9	0 25	24 21	1 40	20 22	1 52	25 41	3 37	21 33	0 51	14 53	0 36	18 37	0 36	2 13	0 50	18 40	0 38	2 36	2 34	9 17	15 34	1 36
W25	23 13	5 25	0n48	24 13	1 45	20 4	1 53	25 47	3 40	21 32	0 51	14 54	0 36	18 38	0 36	2 13	0 50	18 40	0 38	2 36	2 33	9 16	15 35	1 37
T 26	23 11	9 20	1 57	24 3	1 49	19 46	1 53	25 52	3 44	21 31	0 51	14 55	0 36	18 38	0 36	2 13	0 50	18 40	0 38	2 36	2 32	9 14	15 35	1 37
F 27	23 8	12 42	2 58	23 51	1 53	19 27	1 54	25 58	3 48	21 31	0 51	14 56	0 36	18 39	0 36	2 13	0 50	18 39	0 37	2 34	2 31	9 12	15 36	1 37
S 28	23 5	15 23	3 49	23 36	1 55	19 8	1 54	26 4	3 51	21 30	0 51	14 57	0 36	18 39	0 36	2 13	0 50	18 39	0 37	2 32	2 29	9 11	15 36	1 37
S 29	23 2	17 14	4 27	23 20	1 57	18 49	1 54	26 10	3 55	21 30	0 50	14 58	0 36	18 40	0 36	2 13	0 50	18 39	0 37	2 29	2 28	9 9	15 37	1 37
M30	22n58	18s11	4n51	23n 1	1n59	18n29	1n54	26s15	3s58	21s29	0n50	14s59	0s37	18s40	0s36	2s13	0s50	18n39	0s37	2s24	2s27	9s 8	15n38	1s37

Julian Day Number = 2878664.5, Delta T = 01h14m46s
Ecliptic obliquity = 23°17'07, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°07'01, Lahiri = 40°14'02

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ASTRODIENST EPHEMERIS for the year 3169
geocentric

JULY 3169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 37 19	10♋ 3'53	4♉ 7	26♋26	14♌43	15°R54	13°R45	20°R58	8°R11	26°R18	3♌31	5°R53	6♎ 9	28♒ 0	18♑25	T 1
W 2	18 41 15	11° 1'16	16°31	28°16	15°54	15♉35	13♐39	20♒55	8♒ 9	26♓18	3°33	5♎40	6° 6	28° 7	18°27	W 2
T 3	18 45 12	11°58'39	28°44	0♌ 4	17° 5	15°17	13°33	20°52	8° 7	26°18	3°34	5°27	6° 3	28°13	18°30	T 3
F 4	18 49 9	12°56'01	10♒47	1°49	18°16	14°58	13°27	20°49	8° 5	26°18	3°36	5°16	6° 0	28°20	18°32	F 4
S 5	18 53 5	13°53'22	22°42	3°32	19°27	14°38	13°21	20°46	8° 3	26°18	3°37	5° 7	5°57	28°27	18°34	S 5
S 6	18 57 2	14°50'43	4♓32	5°12	20°37	14°19	13°16	20°43	8° 0	26°18	3°38	5° 1	5°53	28°33	18°37	S 6
M 7	19 0 58	15°48'03	16°21	6°50	21°48	14° 0	13°10	20°40	7°58	26°17	3°40	4°58	5°50	28°40	18°39	M 7
T 8	19 4 55	16°45'23	28°11	8°25	22°58	13°40	13° 5	20°37	7°56	26°17	3°41	4°57	5°47	28°47	18°41	T 8
W 9	19 8 51	17°42'43	10♈ 9	9°58	24° 9	13°21	13° 0	20°34	7°54	26°17	3°43	4°D57	5°44	28°53	18°44	W 9
T 10	19 12 48	18°40'02	22°20	11°28	25°19	13° 1	12°54	20°30	7°52	26°16	3°44	4°R57	5°41	29° 0	18°46	T 10
F 11	19 16 44	19°37'21	4♉49	12°56	26°29	12°42	12°50	20°27	7°49	26°16	3°46	4°56	5°37	29° 7	18°48	F 11
S 12	19 20 41	20°34'41	17°41	14°21	27°39	12°22	12°45	20°23	7°47	26°16	3°47	4°53	5°34	29°13	18°50	S 12
S 13	19 24 37	21°32'00	1♊ 0	15°43	28°49	12° 3	12°40	20°20	7°45	26°15	3°49	4°48	5°31	29°20	18°52	S 13
M14	19 28 34	22°29'19	14°47	17° 3	29°59	11°44	12°36	20°16	7°43	26°15	3°51	4°41	5°28	29°27	18°54	M14
T 15	19 32 31	23°26'37	29° 1	18°20	1♍ 9	11°26	12°31	20°12	7°40	26°14	3°52	4°32	5°25	29°33	18°56	T 15
W16	19 36 27	24°23'56	13♋40	19°35	2°19	11° 7	12°27	20° 9	7°38	26°14	3°54	4°21	5°22	29°40	18°58	W16
T 17	19 40 24	25°21'14	28°35	20°46	3°29	10°49	12°23	20° 5	7°36	26°13	3°55	4°11	5°18	29°47	19° 0	T 17
F 18	19 44 20	26°18'33	13♌37	21°55	4°39	10°32	12°19	20° 1	7°33	26°12	3°57	4° 3	5°15	29°53	19° 2	F 18
S 19	19 48 17	27°15'50	28°38	23° 1	5°48	10°15	12°16	19°57	7°31	26°12	3°58	3°56	5°12	0♓ 0	19° 4	S 19
S 20	19 52 13	28°13'08	13♍29	24° 4	6°58	9°58	12°12	19°53	7°29	26°11	4° 0	3°53	5° 9	0° 7	19° 5	S 20
M21	19 56 10	29°10'24	28° 2	25° 4	8° 7	9°42	12° 9	19°49	7°26	26°10	4° 1	3°D51	5° 6	0°13	19° 7	M21
T 22	20 0 7	0♌ 7'41	12♎15	26° 0	9°16	9°26	12° 6	19°45	7°24	26°10	4° 3	3°51	5° 3	0°20	19° 9	T 22
W23	20 4 3	1° 4'57	26° 7	26°54	10°26	9°11	12° 3	19°41	7°21	26° 9	4° 4	3°R52	4°59	0°27	19°10	W23
T 24	20 8 0	2° 2'13	9♏39	27°44	11°35	8°57	12° 0	19°37	7°19	26° 8	4° 6	3°52	4°56	0°33	19°12	T 24
F 25	20 11 56	2°59'28	22°51	28°30	12°44	8°44	11°57	19°33	7°17	26° 7	4° 8	3°50	4°53	0°40	19°13	F 25
S 26	20 15 53	3°56'43	5♐48	29°13	13°53	8°31	11°55	19°29	7°14	26° 7	4° 9	3°46	4°50	0°47	19°15	S 26
S 27	20 19 49	4°53'58	18°30	29°52	15° 1	8°18	11°53	19°25	7°12	26° 6	4°11	3°39	4°47	0°53	19°16	S 27
M28	20 23 46	5°51'13	1♑ 0	0♍27	16°10	8° 7	11°50	19°20	7° 9	26° 5	4°12	3°31	4°43	1° 0	19°18	M28
T 29	20 27 42	6°48'28	13°19	0°58	17°19	7°56	11°48	19°16	7° 7	26° 4	4°14	3°21	4°40	1° 7	19°19	T 29
W30	20 31 39	7°45'43	25°29	1°24	18°27	7°46	11°47	19°12	7° 4	26° 3	4°15	3°11	4°37	1°14	19°20	W30
T 31	20 35 36	8♌42'58	7♒32	1♍47	19♍35	7♉37	11♐45	19♒ 8	7♒ 2	26♓ 2	4♌17	3♎ 1	4♎34	1♓20	19♑21	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n54	18s13	5n 0	22n41	1n59	18n 8	1n54	26s21	4s 2	21s28	0n50	15s 0	0s37	18s41	0s36	2s13	0s50	18n38	0s37	2s19	2s26	9s 6	15n38	1s37
W 2	22 50	17 24	4 55	22 19	1 59	17 47	1 54	26 26	4 5	21 28	0 50	15 1	0 37	18 41	0 36	2 13	0 50	18 38	0 37	2 14	2 24	9 4	15 39	1 37
T 3	22 45	15 46	4 36	21 56	1 58	17 26	1 54	26 32	4 8	21 27	0 50	15 2	0 37	18 42	0 36	2 13	0 50	18 38	0 37	2 9	2 23	9 3	15 39	1 38
F 4	22 40	13 29	4 5	21 31	1 56	17 4	1 54	26 37	4 12	21 27	0 50	15 3	0 37	18 43	0 36	2 14	0 50	18 38	0 37	2 5	2 22	9 1	15 40	1 38
S 5	22 34	10 38	3 24	21 5	1 54	16 42	1 54	26 42	4 15	21 26	0 49	15 4	0 37	18 43	0 36	2 14	0 50	18 37	0 37	2 1	2 21	8 59	15 40	1 38
S 6	22 28	7 24	2 34	20 38	1 50	16 19	1 53	26 48	4 18	21 26	0 49	15 5	0 37	18 44	0 36	2 14	0 50	18 37	0 37	1 59	2 19	8 58	15 41	1 38
M 7	22 21	3 52	1 37	20 10	1 47	15 56	1 53	26 53	4 21	21 25	0 49	15 6	0 37	18 44	0 36	2 14	0 50	18 37	0 37	1 58	2 18	8 56	15 41	1 38
T 8	22 15	0 10	0 36	19 41	1 42	15 32	1 52	26 57	4 23	21 25	0 49	15 7	0 38	18 45	0 36	2 14	0 50	18 36	0 37	1 57	2 17	8 55	15 42	1 38
W 9	22 7	3n34	0s28	19 11	1 37	15 8	1 51	27 2	4 26	21 24	0 49	15 8	0 38	18 45	0 36	2 14	0 50	18 36	0 37	1 57	2 16	8 53	15 42	1 39
T 10	22 0	7 14	1 31	18 41	1 31	14 44	1 51	27 7	4 29	21 24	0 48	15 10	0 38	18 46	0 36	2 14	0 50	18 36	0 37	1 57	2 14	8 51	15 43	1 39
F 11	21 52	10 40	2 32	18 10	1 24	14 20	1 50	27 11	4 31	21 24	0 48	15 11	0 38	18 47	0 36	2 15	0 50	18 36	0 37	1 57	2 13	8 50	15 43	1 39
S 12	21 43	13 41	3 26	17 39	1 17	13 55	1 49	27 15	4 33	21 23	0 48	15 12	0 38	18 47	0 36	2 15	0 50	18 35	0 37	1 56	2 12	8 48	15 44	1 39
S 13	21 34	16 7	4 12	17 8	1 10	13 29	1 48	27 19	4 36	21 23	0 48	15 13	0 38	18 48	0 36	2 15	0 50	18 35	0 36	1 54	2 11	8 47	15 44	1 39
M14	21 25	17 42	4 45	16 36	1 1	13 4	1 46	27 23	4 38	21 22	0 48	15 14	0 38	18 48	0 36	2 15	0 50	18 35	0 36	1 51	2 9	8 45	15 44	1 39
T 15	21 16	18 16	5 1	16 4	0 53	12 38	1 45	27 26	4 40	21 22	0 47	15 16	0 38	18 49	0 36	2 15	0 50	18 34	0 36	1 47	2 8	8 43	15 45	1 39
W16	21 6	17 38	4 59	15 32	0 43	12 12	1 44	27 30	4 41	21 22	0 47	15 17	0 38	18 50	0 36	2 16	0 50	18 34	0 36	1 43	2 7	8 42	15 45	1 40
T 17	20 56	15 48	4 36	15 0	0 33	11 45	1 42	27 33	4 43	21 21	0 47	15 18	0 39	18 50	0 36	2 16	0 50	18 34	0 36	1 39	2 6	8 40	15 45	1 40
F 18	20 45	12 53	3 54	14 28	0 23	11 19	1 41	27 36	4 45	21 21	0 47	15 20	0 39	18 51	0 36	2 16	0 50	18 33	0 36	1 36	2 4	8 38	15 46	1 40
S 19	20 34	9 7	2 56	13 57	0 12	10 52	1 39	27 39	4 46	21 21	0 47	15 21	0 39	18 51	0 36	2 17	0 50	18 33	0 36	1 33	2 3	8 37	15 46	1 40
S 20	20 23	4 49	1 46	13 26	0 1	10 25	1 37	27 42	4 48	21 21	0 46	15 22	0 39	18 52	0 36	2 17	0 50	18 33	0 36	1 32	2 2	8 35	15 46	1 40
M21	20 12	0 18	0 31	12 55	0s11	9 57	1 36	27 44	4 49	21 20	0 46	15 24	0 39	18 53	0 36	2 17	0 51	18 33	0 36	1 31	2 1	8 34	15 47	1 40
T 22	20 0	4s 8	0n45	12 24	0 23	9 29	1 34	27 46	4 50	21 20	0 46	15 25	0 39	18 53	0 36	2 17	0 51	18 32	0 36	1 31	1 59	8 32	15 47	1 41
W23	19 47	8 13	1 56	11 55	0 36	9 2	1 32	27 48	4 51	21 20	0 46	15 26	0 39	18 54	0 36	2 18	0 51	18 32	0 36	1 32	1 58	8 30	15 47	1 41
T 24	19 35	11 46	2 59	11 26	0 48	8 33	1 30	27 50	4 52	21 20	0 46	15 28	0 39	18 55	0 36	2 18	0 51	18 32	0 36	1 31	1 57	8 29	15 48	1 41
F 25	19 22	14 38	3 51	10 57	1 2	8 5	1 27	27 52	4 52	21 20	0 45	15 29	0 39	18 55	0 36	2 18	0 51	18 31	0 36	1 31	1 56	8 27	15 48	1 41
S 26	19 9	16 42	4 30	10 30	1 15	7 37	1 25	27 53	4 53	21 20	0 45	15 31	0 40	18 56	0 36	2 19	0 51	18 31	0 36	1 29	1 54	8 25	15 48	1 41
S 27	18 55	17 54	4 54	10 3	1 29	7 8	1 23	27 54	4 53	21 20	0 45	15 32	0 40	18 56	0 36	2 19	0 51	18 31	0 36	1 27	1 53	8 24	15 48	1 41
M28	18 41	18 12	5 5	9 38	1 43	6 39	1 20	27 55	4 54	21 19	0 45	15 33	0 40	18 57	0 36	2 20	0 51	18 30	0 36	1 23	1 52	8 22	15 49	1 41
T 29	18 27	17 38	5 0	9 14	1 57	6 10	1 17	27 56	4 54	21 19	0 44	15 35	0 40	18 58	0 36	2 20	0 51	18 30	0 35	1 19	1 51	8 20	15 49	1 42
W30	18 13	16 16	4 42	8 51	2 11	5 41	1 15	27 57	4 54	21 19	0 44	15 36	0 40	18 58	0 36	2 20	0 51	18 30	0 35	1 15	1 49	8 19	15 49	1 42
T 31	17n58	14s12	4n12	8n30	2s26	5n12	1n12	27s58	4s54	21s19	0n44	15s38	0s40	18s59	0s36	2s21	0s51	18n30	0s35	1s12	1s48	8s17	15n49	1s42

Julian Day Number = 2878694.5, Delta T = 01h14m47s
Ecliptic obliquity = 23°17'07, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°07'05, Lahiri = 40°14'06

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ASTRODIENST EPHEMERIS for the year 3169
geocentric

AUGUST 3169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 39 32	9♌40'13	19♒28	2♍ 5	20♍44	7°R28	11°R44	19°R 3	7°R 0	26°R 1	4♌18	2°R53	4♎31	1♓27	19♉23	F 1
S 2	20 43 29	10°37'28	1♓19	2°18	21°52	7♑20	11♐43	18♒59	6♒57	26♓ 0	4°20	2♎46	4°28	1°34	19°24	S 2
S 3	20 47 25	11°34'44	13° 7	2°27	23° 0	7°14	11°42	18°54	6°55	25°59	4°22	2°42	4°24	1°40	19°25	S 3
M 4	20 51 22	12°32'00	24°55	2°R31	24° 7	7° 7	11°41	18°50	6°52	25°58	4°23	2°40	4°21	1°47	19°26	M 4
T 5	20 55 18	13°29'16	6♈46	2°30	25°15	7° 2	11°40	18°46	6°50	25°57	4°25	2°D39	4°18	1°54	19°27	T 5
W 6	20 59 15	14°26'33	18°45	2°24	26°23	6°58	11°40	18°41	6°48	25°56	4°26	2°40	4°15	2° 0	19°28	W 6
T 7	21 3 11	15°23'51	0♉56	2°13	27°30	6°54	11°39	18°37	6°45	25°55	4°28	2°42	4°12	2° 7	19°29	T 7
F 8	21 7 8	16°21'09	13°24	1°58	28°37	6°51	11°D39	18°32	6°43	25°53	4°29	2°R42	4° 9	2°13	19°29	F 8
S 9	21 11 4	17°18'28	26°13	1°38	29°45	6°50	11°39	18°28	6°40	25°52	4°31	2°42	4° 5	2°20	19°30	S 9
S 10	21 15 1	18°15'48	9♊28	1°13	0♎52	6°49	11°39	18°24	6°38	25°51	4°32	2°40	4° 2	2°27	19°31	S 10
M11	21 18 58	19°13'08	23°11	0°44	1°58	6°D48	11°40	18°19	6°36	25°50	4°34	2°36	3°59	2°33	19°31	M11
T 12	21 22 54	20°10'30	7♋23	0°12	3° 5	6°49	11°40	18°15	6°33	25°49	4°35	2°31	3°56	2°40	19°32	T 12
W13	21 26 51	21° 7'52	22° 1	29♌35	4°12	6°50	11°41	18°10	6°31	25°47	4°37	2°25	3°53	2°47	19°33	W13
T 14	21 30 47	22° 5'15	6♌59	28°56	5°18	6°53	11°42	18° 6	6°29	25°46	4°38	2°19	3°49	2°53	19°33	T 14
F 15	21 34 44	23° 2'39	22°10	28°15	6°24	6°56	11°43	18° 1	6°26	25°45	4°40	2°14	3°46	3° 0	19°34	F 15
S 16	21 38 40	24° 0'03	7♍23	27°32	7°31	7° 0	11°45	17°57	6°24	25°43	4°41	2°10	3°43	3° 7	19°34	S 16
S 17	21 42 37	24°57'27	22°28	26°48	8°36	7° 5	11°46	17°53	6°22	25°42	4°43	2° 9	3°40	3°13	19°34	S 17
M18	21 46 33	25°54'53	7♎17	26° 4	9°42	7°10	11°48	17°48	6°20	25°41	4°44	2°D 8	3°37	3°20	19°34	M18
T 19	21 50 30	26°52'18	21°44	25°20	10°48	7°17	11°50	17°44	6°17	25°39	4°46	2° 9	3°34	3°27	19°35	T 19
W20	21 54 27	27°49'45	5♏46	24°37	11°53	7°24	11°52	17°39	6°15	25°38	4°47	2°11	3°30	3°33	19°35	W20
T 21	21 58 23	28°47'12	19°23	23°57	12°58	7°32	11°54	17°35	6°13	25°37	4°49	2°12	3°27	3°40	19°35	T 21
F 22	22 2 20	29°44'39	2♐36	23°20	14° 3	7°41	11°56	17°31	6°11	25°35	4°50	2°R12	3°24	3°47	19°35	F 22
S 23	22 6 16	0♏42'07	15°29	22°47	15° 8	7°50	11°59	17°27	6° 9	25°34	4°52	2°11	3°21	3°53	19°R35	S 23
S 24	22 10 13	1°39'36	28° 4	22°18	16°13	8° 1	12° 2	17°22	6° 7	25°32	4°53	2° 9	3°18	4° 0	19°35	S 24
M25	22 14 9	2°37'05	10♑24	21°54	17°17	8°12	12° 5	17°18	6° 5	25°31	4°54	2° 5	3°15	4° 7	19°35	M25
T 26	22 18 6	3°34'35	22°33	21°35	18°22	8°24	12° 8	17°14	6° 3	25°29	4°56	2° 1	3°11	4°13	19°35	T 26
W27	22 22 2	4°32'06	4♒34	21°22	19°26	8°36	12°11	17°10	6° 0	25°28	4°57	1°56	3° 8	4°20	19°35	W27
T 28	22 25 59	5°29'37	16°28	21°D16	20°29	8°49	12°15	17° 6	5°58	25°26	4°59	1°52	3° 5	4°27	19°34	T 28
F 29	22 29 56	6°27'10	28°19	21°17	21°33	9° 3	12°18	17° 2	5°56	25°25	5° 0	1°48	3° 2	4°33	19°34	F 29
S 30	22 33 52	7°24'43	10♓ 8	21°24	22°36	9°18	12°22	16°58	5°55	25°23	5° 1	1°45	2°59	4°40	19°34	S 30
S 31	22 37 49	8♍22'18	21♓57	21♌38	23♎39	9♑33	12♐26	16♒54	5♒53	25♓22	5♌ 3	1♎44	2♎55	4♓47	19♉33	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n43	11s33	3n31	8n10	2s40	4n43	1n 9	27s58	4s54	21s19	0n44	15s39	0s40	18s59	0s36	2s21	0s51	18n29	0s35	1s 8	1s47	8s16	15n49	1s42
S 2	17 28	8 26	2 41	7 52	2 54	4 13	1 6	27 59	4 54	21 19	0 44	15 40	0 40	19 0	0 36	2 22	0 51	18 29	0 35	1 6	1 46	8 14	15 49	1 42
S 3	17 12	5 0	1 43	7 36	3 9	3 44	1 3	27 59	4 54	21 20	0 43	15 42	0 40	19 1	0 36	2 22	0 51	18 29	0 35	1 4	1 44	8 12	15 50	1 42
M 4	16 56	1 22	0 42	7 22	3 22	3 14	1 0	27 59	4 53	21 20	0 43	15 43	0 40	19 1	0 36	2 22	0 51	18 28	0 35	1 3	1 43	8 11	15 50	1 43
T 5	16 40	2n20	0s22	7 9	3 36	2 44	0 57	27 59	4 53	21 20	0 43	15 45	0 41	19 2	0 36	2 23	0 51	18 28	0 35	1 3	1 42	8 9	15 50	1 43
W 6	16 24	5 59	1 26	6 59	3 49	2 15	0 53	27 58	4 53	21 20	0 43	15 46	0 41	19 3	0 36	2 23	0 51	18 28	0 35	1 3	1 41	8 7	15 50	1 43
T 7	16 7	9 26	2 27	6 51	4 1	1 45	0 50	27 58	4 52	21 20	0 43	15 48	0 41	19 3	0 36	2 24	0 51	18 27	0 35	1 4	1 39	8 6	15 50	1 43
F 8	15 50	12 32	3 23	6 46	4 13	1 15	0 46	27 57	4 51	21 20	0 42	15 49	0 41	19 4	0 36	2 24	0 51	18 27	0 35	1 4	1 38	8 4	15 50	1 43
S 9	15 33	15 8	4 10	6 43	4 24	0 45	0 42	27 57	4 51	21 21	0 42	15 51	0 41	19 4	0 36	2 25	0 51	18 27	0 35	1 4	1 37	8 2	15 50	1 43
S 10	15 15	17 2	4 45	6 42	4 34	0 15	0 39	27 56	4 50	21 21	0 42	15 52	0 41	19 5	0 36	2 25	0 51	18 26	0 35	1 3	1 36	8 1	15 50	1 44
M11	14 58	18 1	5 6	6 44	4 42	0s15	0 35	27 55	4 49	21 21	0 42	15 54	0 41	19 5	0 36	2 26	0 51	18 26	0 35	1 2	1 34	7 59	15 50	1 44
T 12	14 40	17 57	5 9	6 48	4 50	0 45	0 31	27 54	4 48	21 21	0 41	15 55	0 41	19 6	0 36	2 26	0 51	18 26	0 35	1 0	1 33	7 57	15 50	1 44
W13	14 22	16 41	4 52	6 55	4 56	1 15	0 27	27 53	4 47	21 22	0 41	15 56	0 41	19 7	0 36	2 27	0 51	18 26	0 35	0 57	1 32	7 56	15 50	1 44
T 14	14 3	14 17	4 15	7 4	5 0	1 45	0 23	27 52	4 46	21 22	0 41	15 58	0 41	19 7	0 36	2 27	0 51	18 25	0 35	0 55	1 31	7 54	15 50	1 44
F 15	13 45	10 52	3 20	7 15	5 3	2 14	0 19	27 51	4 45	21 22	0 41	15 59	0 41	19 8	0 36	2 28	0 51	18 25	0 35	0 53	1 29	7 52	15 50	1 44
S 16	13 26	6 43	2 11	7 29	5 4	2 44	0 15	27 49	4 43	21 23	0 41	16 1	0 41	19 8	0 36	2 28	0 51	18 25	0 34	0 52	1 28	7 51	15 50	1 45
S 17	13 7	2 10	0 53	7 44	5 4	3 14	0 10	27 48	4 42	21 23	0 40	16 2	0 41	19 9	0 36	2 29	0 51	18 24	0 34	0 51	1 27	7 49	15 50	1 45
M18	12 48	2s26	0n28	8 1	5 1	3 44	0 6	27 46	4 41	21 24	0 40	16 4	0 42	19 9	0 36	2 30	0 51	18 24	0 34	0 51	1 26	7 47	15 50	1 45
T 19	12 29	6 47	1 45	8 20	4 57	4 14	0 1	27 44	4 40	21 24	0 40	16 5	0 42	19 10	0 36	2 30	0 51	18 24	0 34	0 51	1 24	7 46	15 50	1 45
W20	12 9	10 38	2 53	8 39	4 51	4 43	0s 3	27 43	4 38	21 25	0 40	16 6	0 42	19 11	0 36	2 31	0 51	18 23	0 34	0 52	1 23	7 44	15 49	1 45
T 21	11 49	13 46	3 50	8 59	4 43	5 13	0 8	27 41	4 37	21 25	0 39	16 8	0 42	19 11	0 36	2 31	0 51	18 23	0 34	0 52	1 22	7 42	15 49	1 46
F 22	11 29	16 5	4 32	9 20	4 34	5 42	0 13	27 39	4 35	21 26	0 39	16 9	0 42	19 12	0 36	2 32	0 51	18 23	0 34	0 52	1 21	7 41	15 49	1 46
S 23	11 9	17 32	5 0	9 41	4 23	6 12	0 17	27 37	4 34	21 26	0 39	16 10	0 42	19 12	0 36	2 32	0 51	18 23	0 34	0 52	1 19	7 39	15 49	1 46
S 24	10 49	18 4	5 12	10 2	4 11	6 41	0 22	27 35	4 32	21 27	0 39	16 12	0 42	19 13	0 36	2 33	0 51	18 22	0 34	0 51	1 18	7 37	15 49	1 46
M25	10 29	17 44	5 10	10 22	3 57	7 10	0 27	27 32	4 31	21 27	0 39	16 13	0 42	19 13	0 36	2 34	0 51	18 22	0 34	0 49	1 17	7 36	15 49	1 46
T 26	10 8	16 35	4 53	10 42	3 43	7 39	0 32	27 30	4 29	21 28	0 38	16 14	0 42	19 14	0 36	2 34	0 52	18 22	0 34	0 48	1 16	7 34	15 48	1 46
W27	9 47	14 43	4 24	11 1	3 27	8 8	0 37	27 28	4 28	21 29	0 38	16 16	0 42	19 14	0 36	2 35	0 52	18 21	0 34	0 46	1 14	7 32	15 48	1 47
T 28	9 26	12 14	3 44	11 18	3 11	8 37	0 43	27 25	4 26	21 29	0 38	16 17	0 42	19 15	0 36	2 35	0 52	18 21	0 34	0 44	1 13	7 31	15 48	1 47
F 29	9 5	9 16	2 54	11 34	2 54	9 5	0 48	27 23	4 24	21 30	0 38	16 18	0 42	19 15	0 36	2 36	0 52	18 21	0 34	0 43	1 12	7 29	15 48	1 47
S 30	8 44	5 56	1 56	11 48	2 37	9 34	0 53	27 20	4 23	21 31	0 38	16 20	0 42	19 16	0 36	2 37	0 52	18 21	0 34	0 42	1 11	7 27	15 47	1 47
S 31	8n23	2s21	0n54	12n 0	2s20	10s 2	0s58	27s17	4s21	21s31	0n37	16s21	0s42	19s16	0s36	2s37	0s52	18n20	0s34	0s41	1s 9	7s26	15n47	1s47

Julian Day Number = 2878725.5, Delta T = 01h14m48s
Ecliptic obliquity = 23°17'07, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°07'10, Lahiri = 40°14'10

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ASTRODIENST EPHEMERIS for the year 3169
geocentric

SEPTEMBER 3169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 41 45	9♍19'53	3♈49	22♌ 0	24♎42	9♑49	12♐30	16°R50	5°R51	25°R20	5♌ 4	1°D43	2♎52	4♓53	19°R33	M 1
T 2	22 45 42	10°17'30	15°45	22°28	25°44	10° 6	12°34	16♒46	5♒49	25♓19	5° 5	1♎44	2°49	5° 0	19♉32	T 2
W 3	22 49 38	11°15'08	27°50	23° 4	26°47	10°23	12°39	16°42	5°47	25°17	5° 7	1°45	2°46	5° 7	19°32	W 3
T 4	22 53 35	12°12'48	10♉ 6	23°47	27°48	10°41	12°43	16°38	5°45	25°15	5° 8	1°47	2°43	5°13	19°31	T 4
F 5	22 57 31	13°10'29	22°37	24°36	28°50	10°59	12°48	16°34	5°43	25°14	5° 9	1°48	2°40	5°20	19°30	F 5
S 6	23 1 28	14° 8'12	5♊27	25°33	29°52	11°18	12°53	16°31	5°42	25°12	5°10	1°49	2°36	5°27	19°29	S 6
S 7	23 5 25	15° 5'56	18°38	26°36	0♏53	11°38	12°58	16°27	5°40	25°11	5°12	1°R49	2°33	5°33	19°29	S 7
M 8	23 9 21	16° 3'42	2♋14	27°45	1°53	11°58	13° 3	16°23	5°38	25° 9	5°13	1°48	2°30	5°40	19°28	M 8
T 9	23 13 18	17° 1'29	16°15	29° 0	2°54	12°19	13° 9	16°20	5°37	25° 7	5°14	1°47	2°27	5°47	19°27	T 9
W10	23 17 14	17°59'18	0♌42	0♍21	3°54	12°40	13°14	16°17	5°35	25° 6	5°15	1°46	2°24	5°53	19°26	W10
T 11	23 21 11	18°57'08	15°29	1°47	4°54	13° 2	13°20	16°13	5°34	25° 4	5°17	1°44	2°20	6° 0	19°25	T 11
F 12	23 25 7	19°55'00	0♍32	3°19	5°53	13°24	13°26	16°10	5°32	25° 2	5°18	1°43	2°17	6° 7	19°24	F 12
S 13	23 29 4	20°52'54	15°42	4°54	6°53	13°47	13°32	16° 7	5°31	25° 1	5°19	1°42	2°14	6°13	19°23	S 13
S 14	23 33 0	21°50'49	0♎49	6°34	7°51	14°10	13°38	16° 3	5°29	24°59	5°20	1°D42	2°11	6°20	19°22	S 14
M15	23 36 57	22°48'45	15°44	8°17	8°50	14°34	13°44	16° 0	5°28	24°57	5°21	1°42	2° 8	6°27	19°20	M15
T 16	23 40 53	23°46'43	0♏21	10° 4	9°48	14°59	13°50	15°57	5°26	24°56	5°22	1°42	2° 5	6°33	19°19	T 16
W17	23 44 50	24°44'42	14°33	11°53	10°45	15°24	13°57	15°54	5°25	24°54	5°23	1°43	2° 1	6°40	19°18	W17
T 18	23 48 47	25°42'42	28°19	13°44	11°43	15°49	14° 4	15°51	5°24	24°53	5°24	1°44	1°58	6°47	19°17	T 18
F 19	23 52 43	26°40'44	11♐39	15°37	12°39	16°15	14°11	15°49	5°23	24°51	5°26	1°44	1°55	6°53	19°15	F 19
S 20	23 56 40	27°38'46	24°34	17°32	13°36	16°41	14°18	15°46	5°21	24°49	5°27	1°R44	1°52	7° 0	19°14	S 20
S 21	0 0 36	28°36'51	7♑ 9	19°27	14°31	17° 8	14°25	15°43	5°20	24°48	5°28	1°44	1°49	7° 7	19°12	S 21
M22	0 4 33	29°34'56	19°26	21°24	15°27	17°35	14°32	15°41	5°19	24°46	5°29	1°44	1°46	7°13	19°11	M22
T 23	0 8 29	0♎33'03	1♒30	23°20	16°22	18° 3	14°39	15°38	5°18	24°44	5°30	1°44	1°42	7°20	19° 9	T 23
W24	0 12 26	1°31'11	13°26	25°17	17°16	18°31	14°47	15°36	5°17	24°43	5°31	1°D44	1°39	7°27	19° 7	W24
T 25	0 16 22	2°29'20	25°16	27°13	18°10	18°59	14°55	15°33	5°16	24°41	5°32	1°44	1°36	7°33	19° 6	T 25
F 26	0 20 19	3°27'31	7♓ 4	29° 9	19° 3	19°28	15° 2	15°31	5°15	24°39	5°32	1°44	1°33	7°40	19° 4	F 26
S 27	0 24 16	4°25'44	18°54	1♏ 5	19°55	19°57	15°10	15°29	5°14	24°38	5°33	1°44	1°30	7°47	19° 2	S 27
S 28	0 28 12	5°23'58	0♈48	3° 0	20°47	20°27	15°18	15°27	5°14	24°36	5°34	1°R44	1°26	7°53	19° 0	S 28
M29	0 32 9	6°22'14	12°47	4°54	21°39	20°57	15°26	15°25	5°13	24°35	5°35	1°44	1°23	8° 0	18°59	M29
T 30	0 36 5	7♎20'32	24♈54	6♏47	22♏29	21♑27	15♐35	15♒23	5♒12	24♓33	5♌36	1♎44	1♎20	8♓ 7	18♉57	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	8n 1	1n20	0s12	12n 9	2s 2	10s30	1s 4	27s14	4s19	21s32	0n37	16s22	0s42	19s16	0s36	2s38	0s52	18n20	0s34	0s41	1s 8	7s24	15n47	1s47	M 1
T 2	7 40	4 59	1 17	12 17	1 45	10 58	1 9	27 11	4 18	21 33	0 37	16 23	0 43	19 17	0 36	2 39	0 52	18 20	0 34	0 41	1 7	7 22	15 47	1 48	T 2
W 3	7 18	8 28	2 19	12 22	1 27	11 25	1 15	27 8	4 16	21 34	0 37	16 24	0 43	19 17	0 36	2 39	0 52	18 20	0 34	0 42	1 6	7 21	15 46	1 48	W 3
T 4	6 56	11 38	3 17	12 24	1 10	11 53	1 20	27 5	4 14	21 34	0 37	16 26	0 43	19 18	0 36	2 40	0 52	18 19	0 33	0 42	1 4	7 19	15 46	1 48	T 4
F 5	6 34	14 21	4 6	12 23	0 54	12 20	1 26	27 2	4 12	21 35	0 36	16 27	0 43	19 18	0 36	2 41	0 52	18 19	0 33	0 43	1 3	7 17	15 46	1 48	F 5
S 6	6 12	16 25	4 44	12 20	0 38	12 47	1 32	26 58	4 11	21 36	0 36	16 28	0 43	19 19	0 36	2 41	0 52	18 19	0 33	0 43	1 2	7 16	15 45	1 48	S 6
S 7	5 50	17 41	5 8	12 13	0 22	13 14	1 37	26 55	4 9	21 37	0 36	16 29	0 43	19 19	0 36	2 42	0 52	18 19	0 33	0 43	1 1	7 14	15 45	1 48	S 7
M 8	5 28	17 59	5 17	12 4	0 7	13 40	1 43	26 51	4 7	21 38	0 36	16 30	0 43	19 19	0 36	2 42	0 52	18 18	0 33	0 43	0 59	7 12	15 44	1 49	M 8
T 9	5 6	17 14	5 7	11 51	0n 7	14 6	1 49	26 47	4 5	21 38	0 36	16 31	0 43	19 20	0 36	2 43	0 52	18 18	0 33	0 42	0 58	7 11	15 44	1 49	T 9
W10	4 43	15 21	4 37	11 36	0 20	14 32	1 55	26 43	4 3	21 39	0 35	16 32	0 43	19 20	0 36	2 44	0 52	18 18	0 33	0 42	0 57	7 9	15 44	1 49	W10
T 11	4 21	12 26	3 49	11 17	0 33	14 58	2 1	26 39	4 1	21 40	0 35	16 33	0 43	19 21	0 36	2 44	0 52	18 18	0 33	0 41	0 56	7 7	15 43	1 49	T 11
F 12	3 58	8 39	2 44	10 55	0 44	15 24	2 7	26 35	4 0	21 41	0 35	16 34	0 43	19 21	0 36	2 45	0 52	18 17	0 33	0 41	0 54	7 6	15 43	1 49	F 12
S 13	3 36	4 15	1 28	10 30	0 55	15 49	2 13	26 31	3 58	21 42	0 35	16 35	0 43	19 21	0 36	2 46	0 52	18 17	0 33	0 40	0 53	7 4	15 42	1 49	S 13
S 14	3 13	0s24	0 5	10 3	1 5	16 14	2 19	26 27	3 56	21 43	0 35	16 36	0 43	19 22	0 36	2 46	0 52	18 17	0 33	0 40	0 52	7 2	15 42	1 50	S 14
M15	2 50	4 58	1n17	9 32	1 13	16 38	2 25	26 22	3 54	21 44	0 34	16 37	0 43	19 22	0 36	2 47	0 52	18 17	0 33	0 40	0 51	7 1	15 41	1 50	M15
T 16	2 27	9 8	2 33	9 0	1 21	17 3	2 31	26 18	3 52	21 45	0 34	16 38	0 43	19 22	0 36	2 48	0 52	18 16	0 33	0 40	0 49	6 59	15 41	1 50	T 16
W17	2 5	12 39	3 36	8 24	1 27	17 26	2 37	26 13	3 50	21 46	0 34	16 39	0 43	19 22	0 36	2 48	0 52	18 16	0 33	0 41	0 48	6 57	15 40	1 50	W17
T 18	1 42	15 20	4 25	7 47	1 33	17 50	2 43	26 8	3 48	21 47	0 34	16 40	0 43	19 23	0 36	2 49	0 52	18 16	0 33	0 41	0 47	6 56	15 40	1 50	T 18
F 19	1 19	17 6	4 59	7 8	1 37	18 13	2 49	26 3	3 46	21 48	0 34	16 41	0 43	19 23	0 36	2 50	0 52	18 16	0 33	0 41	0 45	6 54	15 39	1 50	F 19
S 20	0 56	17 55	5 15	6 27	1 41	18 36	2 55	25 58	3 44	21 49	0 34	16 42	0 43	19 23	0 36	2 50	0 52	18 16	0 33	0 41	0 44	6 52	15 39	1 51	S 20
S 21	0 33	17 50	5 16	5 45	1 44	18 59	3 1	25 52	3 43	21 50	0 33	16 43	0 43	19 24	0 36	2 51	0 52	18 15	0 33	0 41	0 43	6 50	15 38	1 51	S 21
M22	0 10	16 53	5 3	5 1	1 46	19 21	3 8	25 47	3 41	21 51	0 33	16 43	0 43	19 24	0 36	2 52	0 52	18 15	0 33	0 41	0 42	6 49	15 38	1 51	M22
T 23	0s13	15 12	4 36	4 16	1 47	19 43	3 14	25 41	3 39	21 52	0 33	16 44	0 43	19 24	0 36	2 52	0 52	18 15	0 32	0 41	0 40	6 47	15 37	1 51	T 23
W24	0 36	12 53	3 58	3 30	1 47	20 5	3 20	25 36	3 37	21 53	0 33	16 45	0 43	19 24	0 36	2 53	0 52	18 15	0 32	0 41	0 39	6 45	15 36	1 51	W24
T 25	0 59	10 2	3 9	2 44	1 47	20 26	3 26	25 30	3 35	21 54	0 33	16 46	0 43	19 25	0 36	2 54	0 52	18 15	0 32	0 41	0 38	6 44	15 36	1 51	T 25
F 26	1 22	6 48	2 13	1 57	1 45	20 46	3 32	25 24	3 33	21 55	0 33	16 46	0 43	19 25	0 36	2 54	0 52	18 14	0 32	0 41	0 37	6 42	15 35	1 52	F 26
S 27	1 45	3 17	1 11	1 10	1 44	21 7	3 38	25 18	3 31	21 56	0 32	16 47	0 43	19 25	0 36	2 55	0 52	18 14	0 32	0 41	0 35	6 40	15 35	1 52	S 27
S 28	2 8	0n24	0 5	0 22	1 41	21 27	3 45	25 11	3 29	21 57	0 32	16 48	0 43	19 25	0 36	2 56	0 52	18 14	0 32	0 41	0 34	6 39	15 34	1 52	S 28
M29	2 31	4 5	1s 1	0s26	1 38	21 46	3 51	25 5	3 27	21 58	0 32	16 48	0 43	19 25	0 36	2 56	0 52	18 14	0 32	0 41	0 33	6 37	15 33	1 52	M29
T 30	2s54	7n38	2s 5	1s13	1n35	22s 5	3s57	24s58	3s25	21s59	0n32	16s49	0s43	19s25	0s36	2s57	0s52	18n14	0s32	0s41	0s32	6s35	15n33	1s52	T 30

Julian Day Number = 2878756.5, Delta T = 01h14m48s
Ecliptic obliquity = 23°17'08, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°07'14, Lahiri = 40°14'14

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ASTRODIENST EPHEMERIS for the year 3169
geocentric

OCTOBER 3169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 40 2	8♎18'51	7♉11	8♎40	23♏19	21♑58	15♐43	15°R21	5°R11	24°R31	5♌37	1°R43	1♎17	8♓13	18°R55	W 1
T 2	0 43 58	9°17'13	19°40	10°31	24° 9	22°29	15°52	15♒19	5♒11	24♓30	5°38	1♎42	1°14	8°20	18♉53	T 2
F 3	0 47 55	10°15'36	2♊22	12°22	24°57	23° 0	16° 0	15°18	5°10	24°28	5°38	1°41	1°11	8°26	18°51	F 3
S 4	0 51 51	11°14'02	15°19	14°11	25°45	23°31	16° 9	15°16	5°10	24°27	5°39	1°40	1° 7	8°33	18°49	S 4
S 5	0 55 48	12°12'29	28°33	16° 0	26°32	24° 3	16°18	15°15	5° 9	24°25	5°40	1°39	1° 4	8°40	18°47	S 5
M 6	0 59 45	13°10'59	12♋ 6	17°47	27°18	24°36	16°27	15°13	5° 9	24°24	5°41	1°D39	1° 1	8°46	18°45	M 6
T 7	1 3 41	14° 9'31	25°58	19°34	28° 4	25° 8	16°36	15°12	5° 8	24°22	5°41	1°39	0°58	8°53	18°42	T 7
W 8	1 7 38	15° 8'05	10♌ 9	21°19	28°48	25°41	16°45	15°11	5° 8	24°21	5°42	1°40	0°55	9° 0	18°40	W 8
T 9	1 11 34	16° 6'41	24°38	23° 4	29°32	26°14	16°55	15°10	5° 8	24°19	5°43	1°41	0°52	9° 6	18°38	T 9
F 10	1 15 31	17° 5'19	9♍21	24°47	0♐14	26°48	17° 4	15° 9	5° 7	24°18	5°43	1°42	0°48	9°13	18°36	F 10
S 11	1 19 27	18° 3'59	24°12	26°29	0°56	27°22	17°14	15° 8	5° 7	24°16	5°44	1°R43	0°45	9°20	18°33	S 11
S 12	1 23 24	19° 2'41	9♎ 6	28°11	1°37	27°56	17°23	15° 7	5° 7	24°15	5°45	1°43	0°42	9°26	18°31	S 12
M13	1 27 20	20° 1'25	23°54	29°51	2°16	28°30	17°33	15° 7	5° 7	24°13	5°45	1°42	0°39	9°33	18°29	M13
T 14	1 31 17	21° 0'11	8♏28	1♏31	2°55	29° 5	17°43	15° 6	5°D 7	24°12	5°46	1°40	0°36	9°40	18°26	T 14
W15	1 35 13	21°58'59	22°43	3° 9	3°32	29°39	17°53	15° 6	5° 7	24°10	5°46	1°37	0°32	9°46	18°24	W15
T 16	1 39 10	22°57'49	6♐34	4°47	4° 8	0♒15	18° 3	15° 5	5° 7	24° 9	5°47	1°34	0°29	9°53	18°21	T 16
F 17	1 43 7	23°56'40	19°59	6°23	4°43	0°50	18°13	15° 5	5° 7	24° 8	5°47	1°31	0°26	10° 0	18°19	F 17
S 18	1 47 3	24°55'33	2♑59	7°59	5°17	1°26	18°23	15° 5	5° 7	24° 6	5°48	1°29	0°23	10° 6	18°17	S 18
S 19	1 51 0	25°54'28	15°37	9°34	5°49	2° 2	18°34	15°D 5	5° 8	24° 5	5°48	1°27	0°20	10°13	18°14	S 19
M20	1 54 56	26°53'25	27°55	11° 8	6°19	2°38	18°44	15° 5	5° 8	24° 3	5°49	1°D27	0°17	10°20	18°11	M20
T 21	1 58 53	27°52'23	9♒58	12°42	6°49	3°14	18°55	15° 5	5° 8	24° 2	5°49	1°28	0°13	10°26	18° 9	T 21
W22	2 2 49	28°51'23	21°52	14°14	7°16	3°51	19° 5	15° 5	5° 9	24° 1	5°49	1°29	0°10	10°33	18° 6	W22
T 23	2 6 46	29°50'24	3♓41	15°46	7°42	4°27	19°16	15° 5	5° 9	24° 0	5°50	1°31	0° 7	10°40	18° 4	T 23
F 24	2 10 42	0♏49'28	15°30	17°17	8° 7	5° 4	19°27	15° 6	5° 9	23°58	5°50	1°32	0° 4	10°46	18° 1	F 24
S 25	2 14 39	1°48'33	27°22	18°46	8°30	5°41	19°38	15° 6	5°10	23°57	5°50	1°R33	0° 1	10°53	17°58	S 25
S 26	2 18 36	2°47'39	9♈22	20°16	8°50	6°19	19°49	15° 7	5°10	23°56	5°51	1°33	29♍57	10°59	17°56	S 26
M27	2 22 32	3°46'48	21°31	21°44	9°10	6°56	20° 0	15° 8	5°11	23°55	5°51	1°32	29°54	11° 6	17°53	M27
T 28	2 26 29	4°45'59	3♉53	23°11	9°27	7°34	20°11	15° 8	5°12	23°54	5°51	1°28	29°51	11°13	17°50	T 28
W29	2 30 25	5°45'12	16°27	24°38	9°42	8°12	20°22	15° 9	5°13	23°53	5°51	1°23	29°48	11°19	17°48	W29
T 30	2 34 22	6°44'26	29°16	26° 4	9°55	8°50	20°33	15°10	5°13	23°51	5°51	1°18	29°45	11°26	17°45	T 30
F 31	2 38 18	7♏43'43	12♊17	27♏29	10♐ 6	9♒29	20♐45	15♒11	5♒14	23♓50	5♌52	1♎11	29♍42	11♓33	17♉42	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s17	10n55	3s 5	2s 1	1n31	22s24	4s 3	24s51	3s23	22s 0	0n32	16s49	0s43	19s26	0s36	2s57	0s52	18n14	0s32	0s41	0s30	6s33	15n32	1s52
T 2	3 39	13 45	3 56	2 48	1 27	22 43	4 9	24 44	3 22	22 1	0 31	16 50	0 43	19 26	0 36	2 58	0 52	18 13	0 32	0 40	0 29	6 32	15 31	1 52
F 3	4 2	15 58	4 37	3 36	1 22	23 0	4 15	24 37	3 20	22 2	0 31	16 50	0 44	19 26	0 36	2 59	0 52	18 13	0 32	0 40	0 28	6 30	15 31	1 53
S 4	4 25	17 26	5 4	4 22	1 17	23 18	4 21	24 30	3 18	22 3	0 31	16 51	0 44	19 26	0 36	2 59	0 52	18 13	0 32	0 40	0 27	6 28	15 30	1 53
S 5	4 48	18 0	5 17	5 9	1 12	23 35	4 27	24 22	3 16	22 4	0 31	16 51	0 44	19 26	0 36	3 0	0 52	18 13	0 32	0 39	0 25	6 27	15 29	1 53
M 6	5 10	17 34	5 12	5 55	1 6	23 51	4 33	24 15	3 14	22 5	0 31	16 52	0 44	19 26	0 36	3 1	0 52	18 13	0 32	0 39	0 24	6 25	15 29	1 53
T 7	5 33	16 5	4 49	6 40	1 0	24 8	4 39	24 7	3 12	22 6	0 31	16 52	0 44	19 26	0 36	3 1	0 52	18 13	0 32	0 39	0 23	6 23	15 28	1 53
W 8	5 55	13 36	4 8	7 25	0 54	24 23	4 44	23 59	3 10	22 7	0 31	16 52	0 44	19 26	0 36	3 2	0 52	18 13	0 32	0 39	0 22	6 22	15 27	1 53
T 9	6 18	10 13	3 11	8 10	0 48	24 38	4 50	23 51	3 8	22 9	0 30	16 53	0 44	19 26	0 36	3 2	0 52	18 13	0 32	0 40	0 20	6 20	15 26	1 53
F 10	6 40	6 9	2 1	8 53	0 42	24 53	4 56	23 43	3 6	22 10	0 30	16 53	0 44	19 26	0 35	3 3	0 52	18 12	0 32	0 40	0 19	6 18	15 26	1 54
S 11	7 3	1 39	0 41	9 37	0 35	25 7	5 1	23 34	3 4	22 11	0 30	16 53	0 44	19 26	0 35	3 3	0 52	18 12	0 32	0 41	0 18	6 16	15 25	1 54
S 12	7 25	2s58	0n41	10 19	0 28	25 21	5 7	23 25	3 3	22 12	0 30	16 54	0 44	19 26	0 35	3 4	0 52	18 12	0 32	0 41	0 17	6 15	15 24	1 54
M13	7 47	7 21	2 0	11 1	0 21	25 35	5 12	23 17	3 1	22 13	0 30	16 54	0 44	19 26	0 35	3 5	0 52	18 12	0 32	0 40	0 15	6 13	15 23	1 54
T 14	8 9	11 15	3 9	11 42	0 14	25 47	5 17	23 8	2 59	22 14	0 30	16 54	0 44	19 26	0 35	3 5	0 52	18 12	0 31	0 39	0 14	6 11	15 23	1 54
W15	8 31	14 22	4 6	12 22	0 7	26 0	5 22	22 58	2 57	22 15	0 29	16 54	0 44	19 26	0 35	3 6	0 52	18 12	0 31	0 38	0 13	6 10	15 22	1 54
T 16	8 52	16 34	4 46	13 2	0 0	26 12	5 27	22 49	2 55	22 16	0 29	16 54	0 44	19 26	0 35	3 6	0 52	18 12	0 31	0 37	0 12	6 8	15 21	1 54
F 17	9 14	17 47	5 9	13 40	0s 7	26 23	5 32	22 40	2 53	22 17	0 29	16 54	0 44	19 26	0 35	3 7	0 52	18 12	0 31	0 36	0 10	6 6	15 20	1 54
S 18	9 35	18 0	5 15	14 18	0 14	26 34	5 37	22 30	2 51	22 18	0 29	16 54	0 44	19 26	0 35	3 7	0 52	18 12	0 31	0 35	0 9	6 4	15 19	1 55
S 19	9 57	17 19	5 6	14 55	0 21	26 44	5 41	22 20	2 49	22 19	0 29	16 54	0 44	19 26	0 35	3 8	0 52	18 12	0 31	0 35	0 8	6 3	15 19	1 55
M20	10 18	15 50	4 42	15 32	0 28	26 54	5 46	22 10	2 47	22 20	0 29	16 54	0 44	19 26	0 35	3 8	0 52	18 12	0 31	0 34	0 7	6 1	15 18	1 55
T 21	10 39	13 40	4 7	16 7	0 36	27 3	5 50	22 0	2 46	22 21	0 29	16 54	0 44	19 26	0 35	3 9	0 52	18 12	0 31	0 35	0 5	5 59	15 17	1 55
W22	11 0	10 57	3 21	16 41	0 43	27 12	5 54	21 49	2 44	22 22	0 28	16 54	0 44	19 26	0 35	3 9	0 52	18 12	0 31	0 35	0 4	5 58	15 16	1 55
T 23	11 21	7 48	2 27	17 15	0 50	27 20	5 57	21 39	2 42	22 23	0 28	16 54	0 44	19 26	0 35	3 10	0 52	18 12	0 31	0 36	0 3	5 56	15 15	1 55
F 24	11 41	4 20	1 27	17 48	0 57	27 27	6 1	21 28	2 40	22 24	0 28	16 54	0 44	19 26	0 35	3 10	0 52	18 11	0 31	0 37	0 2	5 54	15 14	1 55
S 25	12 2	0 41	0 23	18 19	1 4	27 34	6 4	21 17	2 38	22 25	0 28	16 54	0 44	19 25	0 35	3 11	0 52	18 11	0 31	0 37	0 0	5 52	15 14	1 55
S 26	12 22	3n 2	0s43	18 50	1 11	27 41	6 7	21 6	2 36	22 26	0 28	16 54	0 44	19 25	0 35	3 11	0 52	18 11	0 31	0 37	0n 1	5 51	15 13	1 55
M27	12 42	6 41	1 47	19 20	1 18	27 46	6 10	20 55	2 35	22 27	0 28	16 54	0 44	19 25	0 35	3 12	0 52	18 11	0 31	0 36	0 2	5 49	15 12	1 56
T 28	13 2	10 6	2 48	19 49	1 25	27 51	6 12	20 43	2 33	22 28	0 28	16 53	0 44	19 25	0 35	3 12	0 52	18 11	0 31	0 35	0 4	5 47	15 11	1 56
W29	13 21	13 7	3 41	20 17	1 31	27 56	6 14	20 32	2 31	22 29	0 27	16 53	0 44	19 25	0 35	3 13	0 52	18 11	0 31	0 33	0 5	5 46	15 10	1 56
T 30	13 41	15 34	4 24	20 44	1 38	28 0	6 16	20 20	2 29	22 30	0 27	16 53	0 44	19 24	0 35	3 13	0 52	18 11	0 31	0 31	0 6	5 44	15 9	1 56
F 31	14s 0	17n16	4s54	21s10	1s44	28s 3	6s18	20s 8	2s27	22s31	0n27	16s52	0s44	19s24	0s35	3s13	0s52	18n11	0s31	0s28	0n 7	5s42	15n 9	1s56

Julian Day Number = 2878786.5, Delta T = 01h14m49s
Ecliptic obliquity = 23°17'08, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°07'18, Lahiri = 40°14'18

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ASTRODIENST EPHEMERIS for the year 3169
geocentric

NOVEMBER 3169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 42 15	8♏43'02	25♊32	28♏53	10♐15	10♒ 7	20♐56	15♒13	5♒15	23°R49	5♌52	1°R 5	29♍38	11♓39	17°R39	S 1
S 2	2 46 11	9°42'24	8♋59	0♐16	10°22	10°46	21° 8	15°14	5°16	23♓48	5°52	1♎ 1	29°35	11°46	17♉37	S 2
M 3	2 50 8	10°41'47	22°38	1°38	10°26	11°25	21°19	15°15	5°17	23°47	5°52	0°57	29°32	11°53	17°34	M 3
T 4	2 54 5	11°41'13	6♌28	2°59	10°R28	12° 4	21°31	15°17	5°18	23°46	5°52	0°D56	29°29	11°59	17°31	T 4
W 5	2 58 1	12°40'41	20°30	4°20	10°28	12°43	21°43	15°18	5°19	23°45	5°52	0°56	29°26	12° 6	17°28	W 5
T 6	3 1 58	13°40'11	4♍42	5°39	10°26	13°22	21°55	15°20	5°20	23°44	5°R52	0°57	29°23	12°13	17°25	T 6
F 7	3 5 54	14°39'44	19° 2	6°56	10°21	14° 2	22° 6	15°22	5°21	23°43	5°52	0°58	29°19	12°19	17°23	F 7
S 8	3 9 51	15°39'18	3♎29	8°13	10°14	14°41	22°18	15°24	5°23	23°43	5°52	0°R59	29°16	12°26	17°20	S 8
S 9	3 13 47	16°38'55	17°58	9°28	10° 4	15°21	22°30	15°26	5°24	23°42	5°52	0°58	29°13	12°33	17°17	S 9
M10	3 17 44	17°38'34	2♏24	10°42	9°52	16° 1	22°42	15°28	5°25	23°41	5°52	0°54	29°10	12°39	17°14	M10
T 11	3 21 40	18°38'15	16°43	11°54	9°37	16°41	22°55	15°30	5°27	23°40	5°52	0°49	29° 7	12°46	17°11	T 11
W12	3 25 37	19°37'58	0♐47	13° 4	9°20	17°21	23° 7	15°32	5°28	23°39	5°51	0°41	29° 3	12°53	17° 8	W12
T 13	3 29 34	20°37'43	14°32	14°12	9° 1	18° 1	23°19	15°35	5°29	23°39	5°51	0°32	29° 0	12°59	17° 6	T 13
F 14	3 33 30	21°37'30	27°56	15°19	8°40	18°42	23°31	15°37	5°31	23°38	5°51	0°24	28°57	13° 6	17° 3	F 14
S 15	3 37 27	22°37'19	10♑57	16°22	8°16	19°23	23°44	15°40	5°33	23°37	5°51	0°16	28°54	13°13	17° 0	S 15
S 16	3 41 23	23°37'09	23°35	17°24	7°51	20° 3	23°56	15°42	5°34	23°37	5°51	0° 9	28°51	13°19	16°57	S 16
M17	3 45 20	24°37'01	5♒55	18°22	7°23	20°44	24° 9	15°45	5°36	23°36	5°50	0° 5	28°48	13°26	16°55	M17
T 18	3 49 16	25°36'54	17°59	19°17	6°54	21°25	24°21	15°48	5°38	23°36	5°50	0° 3	28°44	13°32	16°52	T 18
W19	3 53 13	26°36'49	29°53	20° 9	6°23	22° 6	24°34	15°51	5°39	23°35	5°50	0°D 3	28°41	13°39	16°49	W19
T 20	3 57 9	27°36'45	11♓42	20°56	5°50	22°47	24°46	15°54	5°41	23°34	5°49	0° 4	28°38	13°46	16°46	T 20
F 21	4 1 6	28°36'43	23°31	21°39	5°16	23°29	24°59	15°57	5°43	23°34	5°49	0° 5	28°35	13°52	16°43	F 21
S 22	4 5 3	29°36'43	5♈25	22°17	4°42	24°10	25°12	16° 0	5°45	23°34	5°49	0°R 5	28°32	13°59	16°41	S 22
S 23	4 8 59	0♐36'44	17°29	22°50	4° 6	24°52	25°24	16° 3	5°47	23°33	5°48	0° 3	28°29	14° 6	16°38	S 23
M24	4 12 56	1°36'47	29°48	23°16	3°30	25°33	25°37	16° 7	5°49	23°33	5°48	29♍59	28°25	14°12	16°35	M24
T 25	4 16 52	2°36'52	12♉22	23°36	2°53	26°15	25°50	16°10	5°51	23°32	5°47	29°52	28°22	14°19	16°33	T 25
W26	4 20 49	3°36'58	25°15	23°48	2°16	26°57	26° 3	16°14	5°53	23°32	5°47	29°43	28°19	14°26	16°30	W26
T 27	4 24 45	4°37'06	8♊25	23°R52	1°40	27°39	26°16	16°17	5°55	23°32	5°46	29°33	28°16	14°32	16°27	T 27
F 28	4 28 42	5°37'16	21°52	23°48	1° 4	28°20	26°29	16°21	5°57	23°32	5°46	29°21	28°13	14°39	16°25	F 28
S 29	4 32 38	6°37'27	5♋32	23°34	0°28	29° 3	26°42	16°25	5°59	23°31	5°45	29°10	28° 9	14°46	16°22	S 29
S 30	4 36 35	7♐37'41	19♋22	23♐10	29♏54	29♒45	26♐55	16♒29	6♒ 1	23♓31	5♌45	29♍ 0	28♍ 6	14♓52	16♉20	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s19	18n 4	5s 9	21s35	1s51	28s 5	6s19	19s56	2s25	22s32	0n27	16s52	0s44	19s24	0s35	3s14	0s52	18n11	0s31	0s26	0n 9	5s40	15n 8	1s56
S 2	14 38	17 52	5 8	21 59	1 57	28 7	6 19	19 44	2 24	22 33	0 27	16 52	0 44	19 24	0 35	3 14	0 52	18 11	0 31	0 24	0 10	5 39	15 7	1 56
M 3	14 56	16 39	4 49	22 21	2 3	28 7	6 19	19 31	2 22	22 33	0 27	16 51	0 44	19 23	0 35	3 15	0 52	18 12	0 31	0 23	0 11	5 37	15 6	1 56
T 4	15 15	14 27	4 13	22 43	2 8	28 7	6 19	19 18	2 20	22 34	0 27	16 51	0 44	19 23	0 35	3 15	0 52	18 12	0 30	0 22	0 12	5 35	15 5	1 56
W 5	15 33	11 22	3 22	23 4	2 14	28 7	6 18	19 6	2 18	22 35	0 27	16 50	0 44	19 23	0 35	3 15	0 52	18 12	0 30	0 22	0 14	5 33	15 4	1 56
T 6	15 50	7 35	2 18	23 23	2 19	28 5	6 17	18 53	2 16	22 36	0 26	16 50	0 44	19 23	0 35	3 16	0 52	18 12	0 30	0 23	0 15	5 32	15 3	1 57
F 7	16 8	3 19	1 4	23 42	2 24	28 2	6 15	18 40	2 15	22 37	0 26	16 49	0 44	19 22	0 35	3 16	0 52	18 12	0 30	0 23	0 16	5 30	15 3	1 57
S 8	16 25	1s10	0n14	23 59	2 29	27 59	6 13	18 26	2 13	22 38	0 26	16 49	0 44	19 22	0 35	3 16	0 52	18 12	0 30	0 23	0 17	5 28	15 2	1 57
S 9	16 42	5 36	1 31	24 15	2 33	27 54	6 10	18 13	2 11	22 38	0 26	16 48	0 44	19 22	0 35	3 17	0 52	18 12	0 30	0 23	0 19	5 26	15 1	1 57
M10	16 59	9 42	2 42	24 30	2 37	27 49	6 6	17 59	2 9	22 39	0 26	16 48	0 44	19 21	0 35	3 17	0 52	18 12	0 30	0 21	0 20	5 25	15 0	1 57
T 11	17 16	13 11	3 41	24 43	2 41	27 42	6 2	17 46	2 7	22 40	0 26	16 47	0 44	19 21	0 35	3 17	0 52	18 12	0 30	0 19	0 21	5 23	14 59	1 57
W12	17 32	15 50	4 27	24 56	2 44	27 35	5 57	17 32	2 6	22 41	0 26	16 46	0 44	19 21	0 35	3 18	0 52	18 12	0 30	0 16	0 22	5 21	14 58	1 57
T 13	17 48	17 30	4 55	25 7	2 47	27 26	5 51	17 18	2 4	22 41	0 26	16 46	0 44	19 20	0 35	3 18	0 52	18 12	0 30	0 13	0 24	5 20	14 57	1 57
F 14	18 3	18 9	5 7	25 17	2 49	27 17	5 45	17 4	2 2	22 42	0 25	16 45	0 44	19 20	0 35	3 18	0 52	18 12	0 30	0 9	0 25	5 18	14 57	1 57
S 15	18 18	17 49	5 2	25 26	2 51	27 6	5 38	16 49	2 0	22 43	0 25	16 44	0 44	19 19	0 35	3 18	0 52	18 12	0 30	0 6	0 26	5 16	14 56	1 57
S 16	18 33	16 36	4 42	25 33	2 53	26 54	5 30	16 35	1 59	22 44	0 25	16 43	0 44	19 19	0 35	3 19	0 52	18 12	0 30	0 4	0 27	5 14	14 55	1 57
M17	18 48	14 38	4 9	25 40	2 54	26 41	5 21	16 20	1 57	22 44	0 25	16 43	0 44	19 19	0 35	3 19	0 51	18 13	0 30	0 2	0 29	5 13	14 54	1 57
T 18	19 2	12 4	3 26	25 44	2 54	26 27	5 12	16 6	1 55	22 45	0 25	16 42	0 44	19 18	0 35	3 19	0 51	18 13	0 30	0 1	0 30	5 11	14 53	1 57
W19	19 16	9 1	2 35	25 48	2 53	26 12	5 2	15 51	1 54	22 46	0 25	16 41	0 44	19 18	0 35	3 19	0 51	18 13	0 30	0 1	0 31	5 9	14 52	1 57
T 20	19 30	5 38	1 37	25 50	2 52	25 56	4 52	15 36	1 52	22 46	0 25	16 40	0 44	19 17	0 35	3 19	0 51	18 13	0 30	0 1	0 32	5 7	14 52	1 58
F 21	19 43	2 1	0 35	25 51	2 50	25 39	4 41	15 21	1 50	22 47	0 25	16 39	0 44	19 17	0 34	3 20	0 51	18 13	0 30	0 2	0 34	5 6	14 51	1 58
S 22	19 56	1n42	0s29	25 50	2 47	25 21	4 29	15 5	1 48	22 47	0 25	16 38	0 44	19 16	0 34	3 20	0 51	18 13	0 30	0 2	0 35	5 4	14 50	1 58
S 23	20 9	5 24	1 32	25 48	2 42	25 2	4 16	14 50	1 47	22 48	0 24	16 37	0 44	19 16	0 34	3 20	0 51	18 13	0 30	0 1	0 36	5 2	14 49	1 58
M24	20 21	8 57	2 32	25 44	2 37	24 42	4 3	14 34	1 45	22 48	0 24	16 36	0 44	19 15	0 34	3 20	0 51	18 13	0 29	0n 0	0 37	5 0	14 48	1 58
T 25	20 33	12 11	3 26	25 39	2 31	24 21	3 50	14 19	1 43	22 49	0 24	16 35	0 44	19 15	0 34	3 20	0 51	18 14	0 29	0 3	0 39	4 59	14 48	1 58
W26	20 44	14 54	4 10	25 32	2 23	24 0	3 36	14 3	1 42	22 49	0 24	16 34	0 44	19 14	0 34	3 20	0 51	18 14	0 29	0 7	0 40	4 57	14 47	1 58
T 27	20 56	16 55	4 43	25 23	2 14	23 39	3 21	13 47	1 40	22 50	0 24	16 33	0 44	19 14	0 34	3 20	0 51	18 14	0 29	0 11	0 41	4 55	14 46	1 58
F 28	21 6	18 3	5 0	25 12	2 4	23 17	3 7	13 31	1 38	22 50	0 24	16 32	0 44	19 13	0 34	3 20	0 51	18 14	0 29	0 15	0 42	4 53	14 45	1 58
S 29	21 17	18 10	5 1	24 59	1 52	22 55	2 52	13 15	1 37	22 51	0 24	16 31	0 44	19 13	0 34	3 20	0 51	18 14	0 29	0 20	0 44	4 52	14 44	1 58
S 30	21s27	17n13	4s44	24s45	1s38	22s33	2s37	12s59	1s35	22s51	0n24	16s30	0s44	19s12	0s34	3s21	0s51	18n15	0s29	0n24	0n45	4s50	14n44	1s58

Julian Day Number = 2878817.5, Delta T = 01h14m49s
Ecliptic obliquity = 23°17'07, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°07'22, Lahiri = 40°14'23

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ASTRODIENST EPHEMERIS for the year 3169
geocentric

DECEMBER 3169 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 40 32	8♐37'56	3♌20	22°R36	29°R20	0♓27	27♐ 8	16♒33	6♒ 4	23°R31	5°R44	28°R53	28♍ 3	14♓59	16°R17	M 1
T 2	4 44 28	9°38'13	17°21	21♐52	28♏48	1° 9	27°21	16°37	6° 6	23♓31	5♌44	28♍49	28° 0	15° 6	16♉14	T 2
W 3	4 48 25	10°38'32	1♍26	20°58	28°18	1°51	27°34	16°41	6° 8	23°31	5°43	28°47	27°57	15°12	16°12	W 3
T 4	4 52 21	11°38'53	15°31	19°55	27°49	2°34	27°47	16°45	6°11	23°31	5°42	28°D47	27°54	15°19	16° 9	T 4
F 5	4 56 18	12°39'16	29°36	18°44	27°22	3°16	28° 1	16°49	6°13	23°D31	5°42	28°R47	27°50	15°25	16° 7	F 5
S 6	5 0 14	13°39'41	13♎41	17°28	26°58	3°59	28°14	16°54	6°16	23°31	5°41	28°46	27°47	15°32	16° 5	S 6
S 7	5 4 11	14°40'08	27°45	16° 8	26°35	4°42	28°27	16°58	6°18	23°31	5°40	28°43	27°44	15°39	16° 2	S 7
M 8	5 8 7	15°40'36	11♏44	14°46	26°15	5°24	28°40	17° 3	6°21	23°31	5°40	28°38	27°41	15°45	16° 0	M 8
T 9	5 12 4	16°41'06	25°37	13°27	25°57	6° 7	28°54	17° 7	6°23	23°31	5°39	28°29	27°38	15°52	15°57	T 9
W10	5 16 1	17°41'38	9♐19	12°11	25°41	6°50	29° 7	17°12	6°26	23°31	5°38	28°18	27°35	15°59	15°55	W10
T 11	5 19 57	18°42'11	22°47	11° 2	25°28	7°33	29°20	17°17	6°29	23°31	5°37	28° 5	27°31	16° 5	15°53	T 11
F 12	5 23 54	19°42'46	5♑59	10° 1	25°17	8°16	29°34	17°22	6°31	23°32	5°36	27°52	27°28	16°12	15°51	F 12
S 13	5 27 50	20°43'22	18°52	9°11	25° 9	8°59	29°47	17°26	6°34	23°32	5°36	27°39	27°25	16°19	15°48	S 13
S 14	5 31 47	21°43'59	1♒27	8°32	25° 3	9°42	0♑ 1	17°31	6°37	23°32	5°35	27°29	27°22	16°25	15°46	S 14
M15	5 35 43	22°44'38	13°44	8° 4	24°59	10°25	0°14	17°36	6°40	23°33	5°34	27°21	27°19	16°32	15°44	M15
T 16	5 39 40	23°45'17	25°48	7°48	24°D58	11° 8	0°27	17°41	6°42	23°33	5°33	27°16	27°15	16°39	15°42	T 16
W17	5 43 36	24°45'58	7♓41	7°D43	25° 0	11°52	0°41	17°47	6°45	23°33	5°32	27°13	27°12	16°45	15°40	W17
T 18	5 47 33	25°46'39	19°29	7°49	25° 4	12°35	0°54	17°52	6°48	23°34	5°31	27°12	27° 9	16°52	15°38	T 18
F 19	5 51 30	26°47'22	1♈17	8° 4	25°10	13°18	1° 8	17°57	6°51	23°34	5°30	27°12	27° 6	16°59	15°36	F 19
S 20	5 55 26	27°48'05	13°11	8°29	25°18	14° 2	1°21	18° 2	6°54	23°35	5°29	27°12	27° 3	17° 5	15°34	S 20
S 21	5 59 23	28°48'50	25°16	9° 2	25°29	14°45	1°35	18° 8	6°57	23°35	5°28	27°10	27° 0	17°12	15°32	S 21
M22	6 3 19	29°49'35	7♉38	9°43	25°42	15°29	1°48	18°13	7° 0	23°36	5°27	27° 5	26°56	17°18	15°30	M22
T 23	6 7 16	0♑50'21	20°20	10°30	25°57	16°12	2° 2	18°19	7° 3	23°37	5°26	26°58	26°53	17°25	15°29	T 23
W24	6 11 12	1°51'08	3♊24	11°23	26°14	16°56	2°15	18°24	7° 6	23°37	5°25	26°48	26°50	17°32	15°27	W24
T 25	6 15 9	2°51'57	16°52	12°20	26°33	17°39	2°29	18°30	7° 9	23°38	5°24	26°36	26°47	17°38	15°25	T 25
F 26	6 19 5	3°52'46	0♋40	13°23	26°54	18°23	2°42	18°36	7°12	23°39	5°23	26°24	26°44	17°45	15°24	F 26
S 27	6 23 2	4°53'36	14°46	14°29	27°17	19° 6	2°56	18°42	7°15	23°39	5°22	26°11	26°41	17°52	15°22	S 27
S 28	6 26 59	5°54'27	29° 5	15°38	27°42	19°50	3° 9	18°47	7°19	23°40	5°21	26° 0	26°37	17°58	15°20	S 28
M29	6 30 55	6°55'20	13♌29	16°50	28° 9	20°34	3°23	18°53	7°22	23°41	5°20	25°52	26°34	18° 5	15°19	M29
T 30	6 34 52	7°56'13	27°54	18° 5	28°37	21°17	3°36	18°59	7°25	23°42	5°19	25°47	26°31	18°12	15°17	T 30
W31	6 38 48	8♑57'07	12♍15	19♐22	29♏ 7	22♓ 1	3♑50	19♒ 5	7♒28	23♓43	5♌18	25♍45	26♍28	18♓18	15♉16	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s36	15n14	4s10	24s28	1s23	22s11	2s21	12s42	1s34	22s52	0n24	16s28	0s44	19s11	0s34	3s21	0s51	18n15	0s29	0n26	0n46	4s48	14n43	1s58
T 2	21 45	12 20	3 21	24 9	1 6	21 49	2 6	12 26	1 32	22 52	0 24	16 27	0 44	19 11	0 34	3 21	0 51	18 15	0 29	0 28	0 47	4 46	14 42	1 58
W 3	21 54	8 43	2 20	23 47	0 49	21 27	1 50	12 9	1 30	22 52	0 23	16 26	0 44	19 10	0 34	3 21	0 51	18 15	0 29	0 29	0 49	4 45	14 41	1 58
T 4	22 2	4 36	1 10	23 24	0 29	21 5	1 35	11 52	1 29	22 53	0 23	16 25	0 44	19 10	0 34	3 21	0 51	18 15	0 29	0 29	0 50	4 43	14 41	1 58
F 5	22 10	0 13	0n 4	22 58	0 9	20 44	1 19	11 36	1 27	22 53	0 23	16 23	0 44	19 9	0 34	3 21	0 51	18 16	0 29	0 29	0 51	4 41	14 40	1 58
S 6	22 18	4s10	1 18	22 31	0n11	20 24	1 4	11 19	1 26	22 53	0 23	16 22	0 44	19 8	0 34	3 21	0 51	18 16	0 29	0 29	0 52	4 39	14 39	1 58
S 7	22 25	8 19	2 27	22 3	0 31	20 4	0 49	11 2	1 24	22 53	0 23	16 21	0 44	19 8	0 34	3 21	0 51	18 16	0 29	0 30	0 54	4 38	14 39	1 58
M 8	22 31	11 59	3 27	21 34	0 51	19 45	0 34	10 45	1 22	22 54	0 23	16 19	0 44	19 7	0 34	3 20	0 51	18 16	0 29	0 32	0 55	4 36	14 38	1 58
T 9	22 37	14 56	4 13	21 6	1 10	19 26	0 20	10 28	1 21	22 54	0 23	16 18	0 44	19 6	0 34	3 20	0 51	18 16	0 29	0 36	0 56	4 34	14 37	1 58
W10	22 43	17 1	4 45	20 39	1 28	19 9	0 6	10 10	1 19	22 54	0 23	16 17	0 44	19 6	0 34	3 20	0 51	18 17	0 29	0 40	0 57	4 32	14 37	1 58
T 11	22 48	18 7	4 59	20 14	1 44	18 52	0n 8	9 53	1 18	22 54	0 23	16 15	0 44	19 5	0 34	3 20	0 51	18 17	0 29	0 45	0 59	4 31	14 36	1 58
F 12	22 53	18 12	4 58	19 52	1 58	18 37	0 21	9 36	1 16	22 54	0 23	16 14	0 44	19 4	0 34	3 20	0 51	18 17	0 29	0 51	1 0	4 29	14 35	1 58
S 13	22 58	17 20	4 41	19 33	2 10	18 22	0 35	9 18	1 15	22 55	0 23	16 12	0 44	19 4	0 34	3 20	0 51	18 17	0 28	0 56	1 1	4 27	14 35	1 58
S 14	23 2	15 38	4 10	19 17	2 20	18 9	0 47	9 1	1 13	22 55	0 22	16 11	0 44	19 3	0 34	3 20	0 51	18 18	0 28	1 0	1 3	4 25	14 34	1 58
M15	23 5	13 16	3 29	19 5	2 27	17 56	0 59	8 43	1 12	22 55	0 22	16 9	0 44	19 2	0 34	3 20	0 51	18 18	0 28	1 3	1 4	4 24	14 33	1 58
T 16	23 8	10 21	2 38	18 58	2 33	17 44	1 11	8 25	1 10	22 55	0 22	16 8	0 44	19 2	0 34	3 20	0 51	18 18	0 28	1 5	1 5	4 22	14 33	1 58
W17	23 11	7 4	1 42	18 53	2 36	17 34	1 22	8 8	1 9	22 55	0 22	16 6	0 44	19 1	0 34	3 19	0 51	18 18	0 28	1 6	1 6	4 20	14 32	1 58
T 18	23 13	3 31	0 41	18 52	2 38	17 24	1 33	7 50	1 7	22 55	0 22	16 5	0 44	19 0	0 34	3 19	0 51	18 19	0 28	1 6	1 8	4 18	14 32	1 58
F 19	23 15	0n11	0s22	18 55	2 38	17 15	1 44	7 32	1 6	22 55	0 22	16 3	0 44	18 59	0 34	3 19	0 51	18 19	0 28	1 6	1 9	4 16	14 31	1 58
S 20	23 16	3 53	1 24	19 0	2 37	17 8	1 54	7 14	1 4	22 55	0 22	16 1	0 44	18 59	0 34	3 19	0 51	18 19	0 28	1 7	1 10	4 15	14 30	1 58
S 21	23 17	7 30	2 23	19 7	2 35	17 1	2 3	6 56	1 3	22 55	0 22	16 0	0 44	18 58	0 34	3 19	0 51	18 20	0 28	1 7	1 11	4 13	14 30	1 58
M22	23 17	10 52	3 17	19 16	2 31	16 55	2 12	6 38	1 1	22 55	0 22	15 58	0 44	18 57	0 34	3 18	0 51	18 20	0 28	1 9	1 13	4 11	14 29	1 58
T 23	23 17	13 49	4 2	19 27	2 27	16 50	2 21	6 20	1 0	22 55	0 22	15 56	0 44	18 56	0 34	3 18	0 51	18 20	0 28	1 12	1 14	4 9	14 29	1 58
W24	23 16	16 11	4 36	19 39	2 22	16 46	2 29	6 2	0 58	22 54	0 22	15 55	0 44	18 56	0 34	3 18	0 51	18 20	0 28	1 16	1 15	4 8	14 28	1 58
T 25	23 15	17 43	4 56	19 52	2 16	16 43	2 37	5 43	0 57	22 54	0 22	15 53	0 44	18 55	0 34	3 17	0 51	18 21	0 28	1 20	1 16	4 6	14 28	1 58
F 26	23 14	18 17	5 0	20 6	2 10	16 40	2 44	5 25	0 55	22 54	0 21	15 51	0 44	18 54	0 34	3 17	0 51	18 21	0 28	1 26	1 18	4 4	14 27	1 58
S 27	23 12	17 45	4 45	20 21	2 4	16 39	2 51	5 7	0 54	22 54	0 21	15 50	0 44	18 53	0 34	3 17	0 51	18 21	0 28	1 30	1 19	4 2	14 27	1 58
S 28	23 9	16 5	4 13	20 35	1 57	16 38	2 58	4 48	0 53	22 54	0 21	15 48	0 44	18 52	0 34	3 17	0 51	18 22	0 28	1 35	1 20	4 1	14 27	1 58
M29	23 6	13 25	3 24	20 50	1 49	16 38	3 4	4 30	0 51	22 53	0 21	15 46	0 44	18 52	0 34	3 16	0 51	18 22	0 28	1 38	1 21	3 59	14 26	1 58
T 30	23 3	9 54	2 22	21 4	1 42	16 38	3 10	4 12	0 50	22 53	0 21	15 44	0 44	18 51	0 34	3 16	0 51	18 22	0 28	1 40	1 23	3 57	14 26	1 58
W31	22s59	5n50	1s11	21s18	1n34	16s39	3n15	3s53	0s48	22s53	0n21	15s42	0s44	18s50	0s34	3s15	0s51	18n23	0s27	1n41	1n24	3s55	14n25	1s58

Julian Day Number = 2878847.5, Delta T = 01h14m50s
Ecliptic obliquity = 23°17'07, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°07'26, Lahiri = 40°14'27

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3170
geocentric

JANUARY 3170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 42 45	9♑58'03	26♍28	20♐41	29♏38	22♓45	4♑ 3	19♒11	7♒31	23♓43	5°R17	25°D44	26♍25	18♓25	15°R15	T 1
F 2	6 46 41	10°58'59	10♎33	22° 1	0♐12	23°28	4°17	19°17	7°35	23°44	5♌16	25°R44	26°21	18°32	15♉13	F 2
S 3	6 50 38	11°59'57	24°28	23°23	0°46	24°12	4°30	19°23	7°38	23°45	5°14	25♍44	26°18	18°38	15°12	S 3
S 4	6 54 34	13° 0'56	8♏14	24°47	1°22	24°56	4°44	19°30	7°41	23°46	5°13	25°41	26°15	18°45	15°11	S 4
M 5	6 58 31	14° 1'56	21°51	26°11	1°59	25°40	4°57	19°36	7°45	23°47	5°12	25°36	26°12	18°52	15°10	M 5
T 6	7 2 28	15° 2'57	5♐19	27°36	2°38	26°24	5°11	19°42	7°48	23°48	5°11	25°28	26° 9	18°58	15° 9	T 6
W 7	7 6 24	16° 3'58	18°35	29° 2	3°18	27° 7	5°24	19°48	7°51	23°50	5°10	25°18	26° 6	19° 5	15° 8	W 7
T 8	7 10 21	17° 5'01	1♑40	0♑29	3°59	27°51	5°38	19°55	7°55	23°51	5° 9	25° 5	26° 2	19°11	15° 7	T 8
F 9	7 14 17	18° 6'04	14°32	1°56	4°41	28°35	5°51	20° 1	7°58	23°52	5° 7	24°53	25°59	19°18	15° 6	F 9
S 10	7 18 14	19° 7'08	27°10	3°24	5°24	29°19	6° 4	20° 8	8° 2	23°53	5° 6	24°41	25°56	19°25	15° 5	S 10
S 11	7 22 10	20° 8'12	9♒34	4°53	6° 8	0♈ 3	6°18	20°14	8° 5	23°54	5° 5	24°31	25°53	19°31	15° 4	S 11
M12	7 26 7	21° 9'16	21°45	6°22	6°54	0°47	6°31	20°21	8° 8	23°56	5° 4	24°23	25°50	19°38	15° 3	M12
T 13	7 30 4	22°10'21	3♓45	7°51	7°40	1°31	6°44	20°27	8°12	23°57	5° 2	24°18	25°47	19°45	15° 2	T 13
W14	7 34 0	23°11'25	15°36	9°21	8°27	2°15	6°58	20°34	8°15	23°58	5° 1	24°16	25°43	19°51	15° 2	W14
T 15	7 37 57	24°12'30	27°22	10°51	9°15	2°59	7°11	20°40	8°19	23°59	5° 0	24°D15	25°40	19°58	15° 1	T 15
F 16	7 41 53	25°13'35	9♈ 9	12°22	10° 4	3°43	7°24	20°47	8°22	24° 1	4°59	24°16	25°37	20° 5	15° 1	F 16
S 17	7 45 50	26°14'41	21° 2	13°53	10°54	4°27	7°37	20°54	8°26	24° 2	4°57	24°R17	25°34	20°11	15° 0	S 17
S 18	7 49 46	27°15'46	3♉ 5	15°24	11°44	5°11	7°50	21° 0	8°29	24° 4	4°56	24°17	25°31	20°18	15° 0	S 18
M19	7 53 43	28°16'51	15°24	16°56	12°36	5°55	8° 4	21° 7	8°33	24° 5	4°55	24°15	25°27	20°25	14°59	M19
T 20	7 57 39	29°17'56	28° 5	18°28	13°28	6°39	8°17	21°14	8°36	24° 7	4°54	24°11	25°24	20°31	14°59	T 20
W21	8 1 36	0♒19'01	11♊11	20° 0	14°21	7°22	8°30	21°21	8°40	24° 8	4°52	24° 5	25°21	20°38	14°59	W21
T 22	8 5 33	1°20'05	24°43	21°33	15°14	8° 6	8°43	21°28	8°43	24°10	4°51	23°57	25°18	20°45	14°58	T 22
F 23	8 9 29	2°21'10	8♋42	23° 6	16° 8	8°50	8°56	21°35	8°47	24°11	4°50	23°48	25°15	20°51	14°58	F 23
S 24	8 13 26	3°22'15	23° 5	24°39	17° 3	9°34	9° 9	21°41	8°51	24°13	4°49	23°40	25°12	20°58	14°58	S 24
S 25	8 17 22	4°23'19	7♌45	26°13	17°59	10°18	9°22	21°48	8°54	24°14	4°47	23°32	25° 8	21° 4	14°D58	S 25
M26	8 21 19	5°24'24	22°35	27°47	18°55	11° 2	9°35	21°55	8°58	24°16	4°46	23°27	25° 5	21°11	14°58	M26
T 27	8 25 15	6°25'28	7♍27	29°22	19°51	11°46	9°47	22° 2	9° 1	24°18	4°45	23°23	25° 2	21°18	14°58	T 27
W28	8 29 12	7°26'32	22°12	0♒57	20°48	12°30	10° 0	22° 9	9° 5	24°19	4°43	23°D22	24°59	21°24	14°58	W28
T 29	8 33 8	8°27'37	6♎47	2°32	21°46	13°14	10°13	22°16	9° 8	24°21	4°42	23°23	24°56	21°31	14°59	T 29
F 30	8 37 5	9°28'41	21° 5	4° 8	22°44	13°58	10°26	22°23	9°12	24°23	4°41	23°24	24°52	21°38	14°59	F 30
S 31	8 41 2	10♒29'46	5♏ 6	5♒44	23♐43	14♈41	10♑38	22♒30	9♒16	24♓24	4♌40	23°R25	24♍49	21♓44	14♉59	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s55	1n27	0n 4	21s31	1n26	16s41	3n20	3s35	0s47	22s52	0n21	15s40	0s44	18s49	0s34	3s15	0s51	18n23	0s27	1n41	1n25	3s54	14n25	1s58
F 2	22 50	2s57	1 18	21 44	1 18	16 43	3 25	3 16	0 46	22 52	0 21	15 39	0 44	18 48	0 34	3 15	0 51	18 23	0 27	1 41	1 26	3 52	14 25	1 58
S 3	22 45	7 9	2 26	21 57	1 11	16 46	3 30	2 58	0 44	22 52	0 21	15 37	0 44	18 47	0 34	3 14	0 51	18 24	0 27	1 41	1 28	3 50	14 24	1 58
S 4	22 39	10 55	3 25	22 8	1 3	16 49	3 34	2 40	0 43	22 51	0 21	15 35	0 44	18 47	0 34	3 14	0 51	18 24	0 27	1 42	1 29	3 48	14 24	1 58
M 5	22 33	14 3	4 12	22 19	0 55	16 52	3 37	2 21	0 42	22 51	0 21	15 33	0 44	18 46	0 34	3 13	0 51	18 24	0 27	1 44	1 30	3 46	14 24	1 58
T 6	22 27	16 23	4 44	22 29	0 47	16 56	3 41	2 2	0 40	22 50	0 21	15 31	0 44	18 45	0 34	3 13	0 51	18 25	0 27	1 47	1 31	3 45	14 23	1 58
W 7	22 20	17 49	5 0	22 38	0 39	17 1	3 44	1 44	0 39	22 50	0 21	15 29	0 44	18 44	0 34	3 13	0 50	18 25	0 27	1 52	1 33	3 43	14 23	1 58
T 8	22 12	18 16	5 0	22 46	0 31	17 5	3 47	1 25	0 38	22 50	0 20	15 27	0 44	18 43	0 34	3 12	0 50	18 25	0 27	1 56	1 34	3 41	14 23	1 58
F 9	22 4	17 47	4 45	22 53	0 23	17 10	3 49	1 7	0 36	22 49	0 20	15 25	0 44	18 42	0 34	3 12	0 50	18 26	0 27	2 1	1 35	3 39	14 23	1 58
S 10	21 56	16 24	4 16	22 59	0 15	17 16	3 52	0 48	0 35	22 49	0 20	15 23	0 45	18 41	0 34	3 11	0 50	18 26	0 27	2 6	1 36	3 38	14 22	1 58
S 11	21 47	14 17	3 35	23 4	0 8	17 21	3 54	0 30	0 34	22 48	0 20	15 21	0 45	18 40	0 34	3 11	0 50	18 26	0 27	2 10	1 38	3 36	14 22	1 58
M12	21 38	11 34	2 45	23 8	0 0	17 27	3 55	0 11	0 33	22 47	0 20	15 19	0 45	18 40	0 34	3 10	0 50	18 27	0 27	2 13	1 39	3 34	14 22	1 58
T 13	21 28	8 24	1 48	23 11	0s 7	17 33	3 57	0n 7	0 31	22 47	0 20	15 17	0 45	18 39	0 34	3 10	0 50	18 27	0 27	2 15	1 40	3 32	14 22	1 58
W14	21 18	4 56	0 46	23 12	0 15	17 39	3 58	0 26	0 30	22 46	0 20	15 15	0 45	18 38	0 34	3 9	0 50	18 27	0 27	2 16	1 41	3 30	14 22	1 58
T 15	21 8	1 18	0s17	23 12	0 22	17 45	3 59	0 44	0 29	22 46	0 20	15 13	0 45	18 37	0 34	3 9	0 50	18 28	0 27	2 16	1 43	3 29	14 21	1 58
F 16	20 57	2n24	1 19	23 11	0 29	17 51	4 0	1 3	0 28	22 45	0 20	15 11	0 45	18 36	0 34	3 8	0 50	18 28	0 27	2 16	1 44	3 27	14 21	1 58
S 17	20 46	6 1	2 19	23 9	0 35	17 58	4 1	1 21	0 26	22 44	0 20	15 9	0 45	18 35	0 34	3 7	0 50	18 29	0 26	2 15	1 45	3 25	14 21	1 58
S 18	20 34	9 26	3 13	23 6	0 42	18 4	4 1	1 40	0 25	22 44	0 20	15 7	0 45	18 34	0 34	3 7	0 50	18 29	0 26	2 15	1 46	3 23	14 21	1 58
M19	20 22	12 31	4 0	23 1	0 48	18 10	4 1	1 58	0 24	22 43	0 20	15 5	0 45	18 33	0 34	3 6	0 50	18 29	0 26	2 16	1 48	3 21	14 21	1 58
T 20	20 10	15 7	4 36	22 55	0 55	18 17	4 1	2 16	0 23	22 42	0 20	15 2	0 45	18 32	0 34	3 6	0 50	18 30	0 26	2 18	1 49	3 20	14 21	1 58
W21	19 57	17 2	4 59	22 48	1 1	18 23	4 1	2 35	0 22	22 41	0 20	15 0	0 45	18 31	0 34	3 5	0 50	18 30	0 26	2 20	1 50	3 18	14 21	1 58
T 22	19 44	18 4	5 7	22 40	1 6	18 29	4 0	2 53	0 20	22 41	0 19	14 58	0 45	18 30	0 34	3 5	0 50	18 30	0 26	2 23	1 51	3 16	14 21	1 58
F 23	19 31	18 4	4 57	22 30	1 12	18 36	4 0	3 11	0 19	22 40	0 19	14 56	0 45	18 30	0 34	3 4	0 50	18 31	0 26	2 27	1 53	3 14	14 21	1 58
S 24	19 17	16 55	4 28	22 20	1 18	18 42	3 59	3 30	0 18	22 39	0 19	14 54	0 45	18 29	0 34	3 3	0 50	18 31	0 26	2 30	1 54	3 13	14 21	1 58
S 25	19 2	14 39	3 41	22 8	1 23	18 48	3 58	3 48	0 17	22 38	0 19	14 52	0 45	18 28	0 34	3 3	0 50	18 31	0 26	2 33	1 55	3 11	14 21	1 58
M26	18 48	11 24	2 39	21 54	1 28	18 54	3 57	4 6	0 16	22 37	0 19	14 49	0 45	18 27	0 34	3 2	0 50	18 32	0 26	2 35	1 56	3 9	14 21	1 57
T 27	18 33	7 24	1 25	21 40	1 32	18 59	3 55	4 24	0 15	22 36	0 19	14 47	0 45	18 26	0 34	3 1	0 50	18 32	0 26	2 37	1 58	3 7	14 21	1 57
W28	18 18	2 59	0 6	21 24	1 37	19 5	3 54	4 42	0 13	22 36	0 19	14 45	0 45	18 25	0 34	3 1	0 50	18 33	0 26	2 37	1 59	3 5	14 21	1 57
T 29	18 2	1s34	1n12	21 6	1 41	19 10	3 52	5 0	0 12	22 35	0 19	14 43	0 45	18 24	0 34	3 0	0 50	18 33	0 26	2 37	2 0	3 4	14 21	1 57
F 30	17 46	5 56	2 25	20 48	1 45	19 15	3 51	5 18	0 11	22 34	0 19	14 41	0 45	18 23	0 34	2 59	0 50	18 33	0 26	2 36	2 1	3 2	14 21	1 57
S 31	17s30	9s53	3n27	20s28	1s48	19s20	3n49	5n36	0s10	22s33	0n19	14s38	0s45	18s22	0s34	2s59	0s50	18n34	0s26	2n36	2n 3	3s 0	14n21	1s57

Julian Day Number = 2878878.5, Delta T = 01h14m51s
Ecliptic obliquity = 23°17'07, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°07'31, Lahiri = 40°14'31

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ASTRODIENST EPHEMERIS for the year 3170
geocentric

FEBRUARY 3170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 44 58	11♒30'51	18♏50	7♒21	24♐42	15♈25	10♑51	22♒37	9♒19	24♓26	4°R38	23°R25	24♍46	21♓51	15♉ 0	S 1
M 2	8 48 55	12°31'56	2♐16	8°58	25°42	16° 9	11° 3	22°44	9°23	24°28	4♌37	23♍23	24°43	21°58	15° 0	M 2
T 3	8 52 51	13°33'00	15°27	10°36	26°42	16°53	11°16	22°51	9°26	24°30	4°36	23°19	24°40	22° 4	15° 0	T 3
W 4	8 56 48	14°34'05	28°24	12°14	27°42	17°37	11°28	22°59	9°30	24°32	4°35	23°14	24°37	22°11	15° 1	W 4
T 5	9 0 44	15°35'09	11♑ 7	13°53	28°43	18°21	11°41	23° 6	9°33	24°34	4°33	23° 7	24°33	22°18	15° 2	T 5
F 6	9 4 41	16°36'14	23°39	15°32	29°45	19° 4	11°53	23°13	9°37	24°35	4°32	23° 0	24°30	22°24	15° 2	F 6
S 7	9 8 37	17°37'17	5♒59	17°12	0♑46	19°48	12° 5	23°20	9°40	24°37	4°31	22°54	24°27	22°31	15° 3	S 7
S 8	9 12 34	18°38'20	18° 9	18°52	1°48	20°32	12°17	23°27	9°44	24°39	4°30	22°48	24°24	22°37	15° 4	S 8
M 9	9 16 31	19°39'23	0♓10	20°33	2°51	21°16	12°30	23°34	9°48	24°41	4°28	22°44	24°21	22°44	15° 4	M 9
T 10	9 20 27	20°40'25	12° 4	22°15	3°53	21°59	12°42	23°41	9°51	24°43	4°27	22°42	24°18	22°51	15° 5	T 10
W11	9 24 24	21°41'26	23°53	23°57	4°56	22°43	12°54	23°48	9°55	24°45	4°26	22°D41	24°14	22°57	15° 6	W11
T 12	9 28 20	22°42'27	5♈39	25°40	6° 0	23°27	13° 6	23°56	9°58	24°47	4°25	22°42	24°11	23° 4	15° 7	T 12
F 13	9 32 17	23°43'26	17°26	27°23	7° 3	24°11	13°18	24° 3	10° 2	24°49	4°24	22°43	24° 8	23°11	15° 8	F 13
S 14	9 36 13	24°44'25	29°18	29° 7	8° 7	24°54	13°29	24°10	10° 5	24°51	4°22	22°45	24° 5	23°17	15° 9	S 14
S 15	9 40 10	25°45'22	11♉20	0♓51	9°11	25°38	13°41	24°17	10° 9	24°53	4°21	22°47	24° 2	23°24	15°11	S 15
M16	9 44 6	26°46'19	23°37	2°35	10°16	26°21	13°53	24°24	10°12	24°55	4°20	22°R48	23°58	23°31	15°12	M16
T 17	9 48 3	27°47'14	6♊12	4°20	11°21	27° 5	14° 4	24°31	10°15	24°57	4°19	22°47	23°55	23°37	15°13	T 17
W18	9 52 0	28°48'09	19°12	6° 6	12°26	27°49	14°16	24°38	10°19	24°59	4°18	22°46	23°52	23°44	15°14	W18
T 19	9 55 56	29°49'02	2♋38	7°52	13°31	28°32	14°27	24°46	10°22	25° 1	4°17	22°44	23°49	23°51	15°16	T 19
F 20	9 59 53	0♓49'54	16°33	9°38	14°36	29°16	14°39	24°53	10°26	25° 4	4°15	22°41	23°46	23°57	15°17	F 20
S 21	10 3 49	1°50'45	0♌55	11°24	15°42	29°59	14°50	25° 0	10°29	25° 6	4°14	22°38	23°43	24° 4	15°19	S 21
S 22	10 7 46	2°51'34	15°40	13°10	16°48	0♉43	15° 1	25° 7	10°33	25° 8	4°13	22°35	23°39	24°10	15°20	S 22
M23	10 11 42	3°52'23	0♍42	14°55	17°54	1°26	15°12	25°14	10°36	25°10	4°12	22°33	23°36	24°17	15°22	M23
T 24	10 15 39	4°53'10	15°52	16°41	19° 1	2° 9	15°23	25°21	10°39	25°12	4°11	22°D32	23°33	24°24	15°23	T 24
W25	10 19 35	5°53'56	1♎ 0	18°26	20° 7	2°53	15°34	25°28	10°43	25°14	4°10	22°32	23°30	24°30	15°25	W25
T 26	10 23 32	6°54'42	15°57	20° 9	21°14	3°36	15°45	25°35	10°46	25°16	4° 9	22°33	23°27	24°37	15°27	T 26
F 27	10 27 28	7°55'26	0♏37	21°52	22°21	4°19	15°56	25°42	10°49	25°19	4° 8	22°34	23°24	24°44	15°29	F 27
S 28	10 31 25	8♓56'10	14♏55	23♓33	23♑28	5♉ 3	16♑ 6	25♒49	10♒52	25♓21	4♌ 7	22♍35	23♍20	24♓50	15♉30	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s13	13s12	4n16	20s 7	1s52	19s24	3n47	5n54	0s 9	22s32	0n19	14s36	0s45	18s21	0s34	2s58	0s50	18n34	0s26	2n36	2n 4	2s58	14n22	1s57
M 2	16 56	15 45	4 50	19 45	1 55	19 29	3 45	6 11	0 8	22 31	0 19	14 34	0 46	18 20	0 34	2 57	0 50	18 34	0 25	2 37	2 5	2 56	14 22	1 57
T 3	16 39	17 24	5 8	19 21	1 57	19 32	3 42	6 29	0 7	22 30	0 19	14 32	0 46	18 19	0 34	2 56	0 50	18 35	0 25	2 38	2 6	2 55	14 22	1 57
W 4	16 21	18 7	5 9	18 56	2 0	19 36	3 40	6 47	0 6	22 29	0 19	14 29	0 46	18 18	0 34	2 56	0 50	18 35	0 25	2 40	2 8	2 53	14 22	1 57
T 5	16 4	17 55	4 55	18 30	2 2	19 39	3 37	7 4	0 5	22 28	0 19	14 27	0 46	18 17	0 34	2 55	0 50	18 35	0 25	2 43	2 9	2 51	14 22	1 57
F 6	15 46	16 50	4 28	18 3	2 4	19 42	3 35	7 22	0 4	22 27	0 19	14 25	0 46	18 16	0 34	2 54	0 50	18 36	0 25	2 46	2 10	2 49	14 22	1 57
S 7	15 27	14 58	3 48	17 34	2 5	19 45	3 32	7 39	0 3	22 26	0 19	14 23	0 46	18 16	0 34	2 53	0 50	18 36	0 25	2 48	2 11	2 48	14 23	1 57
S 8	15 9	12 28	2 58	17 4	2 6	19 47	3 29	7 57	0 2	22 25	0 18	14 20	0 46	18 15	0 34	2 53	0 50	18 37	0 25	2 50	2 13	2 46	14 23	1 57
M 9	14 50	9 28	2 0	16 33	2 7	19 49	3 26	8 14	0 1	22 24	0 18	14 18	0 46	18 14	0 34	2 52	0 50	18 37	0 25	2 52	2 14	2 44	14 23	1 57
T 10	14 31	6 6	0 58	16 0	2 7	19 51	3 23	8 31	0n 0	22 23	0 18	14 16	0 46	18 13	0 34	2 51	0 50	18 37	0 25	2 53	2 15	2 42	14 24	1 57
W11	14 11	2 31	0s 7	15 27	2 6	19 52	3 20	8 48	0 1	22 22	0 18	14 13	0 46	18 12	0 34	2 50	0 50	18 38	0 25	2 53	2 16	2 40	14 24	1 57
T 12	13 51	1n 9	1 11	14 52	2 6	19 53	3 17	9 5	0 2	22 21	0 18	14 11	0 46	18 11	0 34	2 50	0 50	18 38	0 25	2 53	2 18	2 39	14 24	1 57
F 13	13 32	4 46	2 12	14 15	2 5	19 53	3 13	9 22	0 3	22 20	0 18	14 9	0 46	18 10	0 34	2 49	0 50	18 38	0 25	2 52	2 19	2 37	14 25	1 57
S 14	13 11	8 13	3 8	13 38	2 3	19 53	3 10	9 39	0 4	22 18	0 18	14 7	0 46	18 9	0 34	2 48	0 50	18 39	0 25	2 51	2 20	2 35	14 25	1 57
S 15	12 51	11 23	3 57	12 59	2 1	19 52	3 6	9 55	0 5	22 17	0 18	14 4	0 46	18 8	0 34	2 47	0 50	18 39	0 25	2 51	2 21	2 33	14 25	1 57
M16	12 31	14 6	4 36	12 20	1 58	19 51	3 3	10 12	0 6	22 16	0 18	14 2	0 46	18 7	0 34	2 46	0 50	18 39	0 25	2 50	2 23	2 31	14 26	1 57
T 17	12 10	16 14	5 2	11 39	1 55	19 50	2 59	10 29	0 7	22 15	0 18	14 0	0 46	18 6	0 34	2 46	0 50	18 40	0 24	2 51	2 24	2 30	14 26	1 57
W18	11 49	17 37	5 15	10 57	1 51	19 48	2 55	10 45	0 8	22 14	0 18	13 57	0 47	18 5	0 34	2 45	0 50	18 40	0 24	2 51	2 25	2 28	14 26	1 57
T 19	11 28	18 5	5 11	10 14	1 47	19 46	2 52	11 1	0 9	22 13	0 18	13 55	0 47	18 4	0 34	2 44	0 50	18 40	0 24	2 52	2 26	2 26	14 27	1 57
F 20	11 7	17 29	4 49	9 30	1 42	19 43	2 48	11 18	0 10	22 12	0 18	13 53	0 47	18 4	0 34	2 43	0 50	18 41	0 24	2 53	2 28	2 24	14 27	1 57
S 21	10 45	15 47	4 8	8 44	1 37	19 39	2 44	11 34	0 11	22 10	0 18	13 50	0 47	18 3	0 34	2 42	0 50	18 41	0 24	2 54	2 29	2 22	14 28	1 57
S 22	10 23	13 0	3 10	7 58	1 31	19 36	2 40	11 50	0 11	22 9	0 18	13 48	0 47	18 2	0 34	2 41	0 50	18 41	0 24	2 56	2 30	2 21	14 28	1 57
M23	10 2	9 19	1 58	7 12	1 24	19 31	2 36	12 5	0 12	22 8	0 18	13 46	0 47	18 1	0 34	2 40	0 50	18 42	0 24	2 56	2 31	2 19	14 29	1 56
T 24	9 40	4 58	0 37	6 24	1 17	19 27	2 32	12 21	0 13	22 7	0 18	13 44	0 47	18 0	0 34	2 40	0 50	18 42	0 24	2 57	2 33	2 17	14 29	1 56
W25	9 17	0 19	0n47	5 36	1 9	19 21	2 28	12 37	0 14	22 6	0 18	13 41	0 47	17 59	0 34	2 39	0 50	18 42	0 24	2 57	2 34	2 15	14 30	1 56
T 26	8 55	4s18	2 6	4 48	1 0	19 15	2 24	12 52	0 15	22 4	0 17	13 39	0 47	17 58	0 34	2 38	0 50	18 43	0 24	2 56	2 35	2 13	14 30	1 56
F 27	8 33	8 33	3 16	3 59	0 50	19 9	2 19	13 8	0 16	22 3	0 17	13 37	0 47	17 57	0 34	2 37	0 50	18 43	0 24	2 56	2 36	2 12	14 31	1 56
S 28	8s10	12s12	4n12	3s10	0s40	19s 2	2n15	13n23	0n17	22s 2	0n17	13s34	0s47	17s57	0s34	2s36	0s50	18n43	0s24	2n55	2n38	2s10	14n31	1s56

Julian Day Number = 2878909.5, Delta T = 01h14m51s
Ecliptic obliquity = 23°17'07, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°07'35, Lahiri = 40°14'35

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ASTRODIENST EPHEMERIS for the year 3170
geocentric

MARCH 3170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 35 22	9♓56'52	28♏48	25♓12	24♑35	5♉46	16♑17	25♒56	10♒56	25♓23	4°R 6	22♍36	23♍17	24♓57	15♉32	S 1
M 2	10 39 18	10°57'34	12♐18	26°49	25°43	6°29	16°27	26° 3	10°59	25°25	4♌ 5	22°R36	23°14	25° 4	15°34	M 2
T 3	10 43 15	11°58'15	25°25	28°22	26°51	7°12	16°38	26°10	11° 2	25°28	4° 4	22°36	23°11	25°10	15°36	T 3
W 4	10 47 11	12°58'54	8♑12	29°52	27°59	7°56	16°48	26°17	11° 5	25°30	4° 3	22°35	23° 8	25°17	15°38	W 4
T 5	10 51 8	13°59'33	20°43	1♈18	29° 7	8°39	16°58	26°24	11° 8	25°32	4° 2	22°34	23° 4	25°24	15°40	T 5
F 6	10 55 4	15° 0'11	3♒ 0	2°39	0♒15	9°22	17° 8	26°31	11°12	25°34	4° 1	22°33	23° 1	25°30	15°42	F 6
S 7	10 59 1	16° 0'47	15° 6	3°55	1°23	10° 5	17°18	26°38	11°15	25°36	4° 0	22°32	22°58	25°37	15°45	S 7
S 8	11 2 57	17° 1'22	27° 4	5° 4	2°32	10°48	17°28	26°45	11°18	25°39	3°59	22°31	22°55	25°43	15°47	S 8
M 9	11 6 54	18° 1'56	8♓56	6° 6	3°40	11°31	17°38	26°52	11°21	25°41	3°58	22°31	22°52	25°50	15°49	M 9
T 10	11 10 51	19° 2'28	20°45	7° 1	4°49	12°14	17°47	26°59	11°24	25°43	3°58	22°D30	22°49	25°57	15°51	T 10
W11	11 14 47	20° 2'59	2♈32	7°48	5°58	12°57	17°57	27° 5	11°27	25°46	3°57	22°30	22°45	26° 3	15°54	W11
T 12	11 18 44	21° 3'28	14°19	8°26	7° 7	13°40	18° 6	27°12	11°30	25°48	3°56	22°31	22°42	26°10	15°56	T 12
F 13	11 22 40	22° 3'55	26°10	8°55	8°16	14°23	18°16	27°19	11°33	25°50	3°55	22°R31	22°39	26°17	15°58	F 13
S 14	11 26 37	23° 4'21	8♉ 7	9°14	9°25	15° 6	18°25	27°26	11°36	25°52	3°54	22°31	22°36	26°23	16° 1	S 14
S 15	11 30 33	24° 4'45	20°13	9°R23	10°34	15°49	18°34	27°32	11°38	25°55	3°53	22°31	22°33	26°30	16° 3	S 15
M16	11 34 30	25° 5'08	2♊31	9°22	11°44	16°31	18°43	27°39	11°41	25°57	3°53	22°30	22°29	26°37	16° 6	M16
T 17	11 38 26	26° 5'28	15° 5	9°12	12°53	17°14	18°52	27°45	11°44	25°59	3°52	22°30	22°26	26°43	16° 9	T 17
W18	11 42 23	27° 5'47	27°59	8°52	14° 3	17°57	19° 0	27°52	11°47	26° 1	3°51	22°D30	22°23	26°50	16°11	W18
T 19	11 46 20	28° 6'04	11♋16	8°23	15°13	18°40	19° 9	27°59	11°50	26° 4	3°51	22°30	22°20	26°57	16°14	T 19
F 20	11 50 16	29° 6'18	24°59	7°45	16°23	19°22	19°17	28° 5	11°52	26° 6	3°50	22°31	22°17	27° 3	16°17	F 20
S 21	11 54 13	0♈ 6'31	9♌ 8	7° 1	17°32	20° 5	19°26	28°11	11°55	26° 8	3°49	22°31	22°14	27°10	16°19	S 21
S 22	11 58 9	1° 6'42	23°42	6°11	18°42	20°48	19°34	28°18	11°58	26°11	3°49	22°32	22°10	27°16	16°22	S 22
M23	12 2 6	2° 6'51	8♍37	5°15	19°53	21°30	19°42	28°24	12° 0	26°13	3°48	22°33	22° 7	27°23	16°25	M23
T 24	12 6 2	3° 6'58	23°46	4°16	21° 3	22°13	19°50	28°31	12° 3	26°15	3°48	22°R33	22° 4	27°30	16°28	T 24
W25	12 9 59	4° 7'03	9♎ 1	3°16	22°13	22°55	19°58	28°37	12° 5	26°17	3°47	22°32	22° 1	27°36	16°31	W25
T 26	12 13 55	5° 7'06	24°10	2°14	23°23	23°38	20° 5	28°43	12° 8	26°20	3°46	22°31	21°58	27°43	16°34	T 26
F 27	12 17 52	6° 7'08	9♏ 6	1°14	24°34	24°20	20°13	28°49	12°10	26°22	3°46	22°30	21°55	27°50	16°36	F 27
S 28	12 21 48	7° 7'08	23°40	0°16	25°44	25° 2	20°20	28°55	12°13	26°24	3°46	22°28	21°51	27°56	16°39	S 28
S 29	12 25 45	8° 7'06	7♐48	29♓21	26°55	25°45	20°28	29° 1	12°15	26°26	3°45	22°26	21°48	28° 3	16°42	S 29
M30	12 29 42	9° 7'03	21°28	28°30	28° 6	26°27	20°35	29° 8	12°17	26°29	3°45	22°25	21°45	28°10	16°45	M30
T 31	12 33 38	10♈ 6'59	4♑41	27♓45	29♒16	27♉ 9	20♑42	29♒14	12♒20	26♓31	3♌44	22°D24	21♍42	28♓16	16♉49	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s47	15s 2	4n51	2s21	0s29	18s55	2n11	13n38	0n17	22s 1	0n17	13s32	0s47	17s56	0s34	2s35	0s50	18n43	0s24	2n55	2n39	2s 8	14n32	1s56
M 2	7 25	16 57	5 12	1 32	0 18	18 47	2 7	13 53	0 18	22 0	0 17	13 30	0 47	17 55	0 34	2 34	0 50	18 44	0 24	2 55	2 40	2 6	14 32	1 56
T 3	7 2	17 55	5 17	0 44	0 6	18 39	2 2	14 8	0 19	21 58	0 17	13 28	0 48	17 54	0 34	2 34	0 50	18 44	0 24	2 55	2 41	2 4	14 33	1 56
W 4	6 39	17 57	5 6	0n 4	0n 7	18 30	1 58	14 23	0 20	21 57	0 17	13 25	0 48	17 53	0 34	2 33	0 50	18 44	0 23	2 56	2 43	2 2	14 34	1 56
T 5	6 15	17 5	4 40	0 50	0 21	18 21	1 54	14 37	0 21	21 56	0 17	13 23	0 48	17 52	0 34	2 32	0 50	18 45	0 23	2 56	2 44	2 1	14 34	1 56
F 6	5 52	15 26	4 2	1 35	0 35	18 11	1 49	14 52	0 21	21 55	0 17	13 21	0 48	17 51	0 34	2 31	0 50	18 45	0 23	2 56	2 45	1 59	14 35	1 56
S 7	5 29	13 7	3 13	2 18	0 49	18 1	1 45	15 6	0 22	21 54	0 17	13 18	0 48	17 51	0 34	2 30	0 50	18 45	0 23	2 57	2 46	1 57	14 35	1 56
S 8	5 6	10 16	2 17	2 58	1 4	17 50	1 41	15 20	0 23	21 52	0 17	13 16	0 48	17 50	0 34	2 29	0 50	18 45	0 23	2 57	2 48	1 55	14 36	1 56
M 9	4 42	7 1	1 15	3 37	1 19	17 39	1 36	15 34	0 24	21 51	0 17	13 14	0 48	17 49	0 34	2 28	0 50	18 46	0 23	2 57	2 49	1 53	14 37	1 56
T 10	4 19	3 30	0 10	4 12	1 34	17 27	1 32	15 48	0 25	21 50	0 17	13 12	0 48	17 48	0 34	2 27	0 50	18 46	0 23	2 57	2 50	1 52	14 37	1 56
W11	3 55	0n 9	0s56	4 44	1 48	17 15	1 28	16 2	0 25	21 49	0 17	13 10	0 48	17 47	0 34	2 26	0 50	18 46	0 23	2 57	2 51	1 50	14 38	1 56
T 12	3 31	3 47	1 59	5 13	2 3	17 2	1 23	16 15	0 26	21 48	0 17	13 7	0 48	17 47	0 34	2 26	0 50	18 47	0 23	2 57	2 53	1 48	14 39	1 56
F 13	3 8	7 18	2 57	5 37	2 18	16 49	1 19	16 29	0 27	21 46	0 17	13 5	0 48	17 46	0 35	2 25	0 50	18 47	0 23	2 57	2 54	1 46	14 40	1 56
S 14	2 44	10 32	3 48	5 57	2 31	16 35	1 15	16 42	0 27	21 45	0 17	13 3	0 49	17 45	0 35	2 24	0 50	18 47	0 23	2 57	2 55	1 44	14 40	1 56
S 15	2 20	13 21	4 29	6 13	2 44	16 21	1 10	16 55	0 28	21 44	0 17	13 1	0 49	17 44	0 35	2 23	0 50	18 47	0 23	2 57	2 56	1 43	14 41	1 56
M16	1 56	15 38	4 59	6 24	2 56	16 6	1 6	17 8	0 29	21 43	0 17	12 59	0 49	17 43	0 35	2 22	0 50	18 48	0 23	2 57	2 58	1 41	14 42	1 56
T 17	1 33	17 14	5 15	6 29	3 7	15 51	1 2	17 21	0 30	21 42	0 16	12 56	0 49	17 43	0 35	2 21	0 50	18 48	0 23	2 57	2 59	1 39	14 42	1 56
W18	1 9	18 0	5 17	6 30	3 16	15 36	0 57	17 33	0 30	21 41	0 16	12 54	0 49	17 42	0 35	2 20	0 50	18 48	0 23	2 57	3 0	1 37	14 43	1 56
T 19	0 45	17 48	5 1	6 26	3 24	15 20	0 53	17 46	0 31	21 39	0 16	12 52	0 49	17 41	0 35	2 19	0 50	18 48	0 22	2 57	3 1	1 35	14 44	1 56
F 20	0 21	16 35	4 29	6 17	3 30	15 3	0 49	17 58	0 32	21 38	0 16	12 50	0 49	17 41	0 35	2 18	0 50	18 48	0 22	2 57	3 3	1 34	14 45	1 56
S 21	0n 3	14 20	3 39	6 3	3 34	14 46	0 44	18 10	0 32	21 37	0 16	12 48	0 49	17 40	0 35	2 18	0 50	18 49	0 22	2 57	3 4	1 32	14 46	1 56
S 22	0 26	11 7	2 34	5 45	3 36	14 29	0 40	18 22	0 33	21 36	0 16	12 46	0 49	17 39	0 35	2 17	0 50	18 49	0 22	2 57	3 5	1 30	14 46	1 56
M23	0 50	7 6	1 17	5 23	3 36	14 11	0 36	18 34	0 34	21 35	0 16	12 44	0 49	17 38	0 35	2 16	0 50	18 49	0 22	2 56	3 6	1 28	14 47	1 56
T 24	1 14	2 34	0n 7	4 57	3 33	13 53	0 32	18 45	0 34	21 34	0 16	12 42	0 50	17 38	0 35	2 15	0 50	18 49	0 22	2 56	3 8	1 26	14 48	1 56
W25	1 38	2s10	1 30	4 29	3 29	13 35	0 28	18 57	0 35	21 33	0 16	12 40	0 50	17 37	0 35	2 14	0 50	18 49	0 22	2 56	3 9	1 24	14 49	1 56
T 26	2 1	6 44	2 47	3 59	3 22	13 16	0 24	19 8	0 35	21 32	0 16	12 37	0 50	17 36	0 35	2 13	0 50	18 50	0 22	2 57	3 10	1 23	14 50	1 56
F 27	2 25	10 47	3 51	3 27	3 14	12 56	0 20	19 19	0 36	21 31	0 16	12 35	0 50	17 36	0 35	2 12	0 50	18 50	0 22	2 57	3 11	1 21	14 50	1 56
S 28	2 48	14 5	4 38	2 55	3 4	12 37	0 16	19 30	0 37	21 30	0 16	12 33	0 50	17 35	0 35	2 11	0 50	18 50	0 22	2 58	3 13	1 19	14 51	1 56
S 29	3 12	16 25	5 7	2 23	2 53	12 17	0 12	19 40	0 37	21 29	0 16	12 31	0 50	17 34	0 35	2 10	0 50	18 50	0 22	2 59	3 14	1 17	14 52	1 56
M30	3 36	17 45	5 17	1 52	2 40	11 56	0 8	19 51	0 38	21 28	0 16	12 29	0 50	17 34	0 35	2 10	0 50	18 50	0 22	2 59	3 15	1 15	14 53	1 56
T 31	3n59	18s 3	5n10	1n21	2n27	11s36	0n 4	20n 1	0n38	21s27	0n16	12s27	0s50	17s33	0s35	2s 9	0s50	18n51	0s22	3n 0	3n16	1s14	14n54	1s56

Julian Day Number = 2878937.5, Delta T = 01h14m52s
Ecliptic obliquity = 23°17'08, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°07'39, Lahiri = 40°14'39

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ASTRODIENST EPHEMERIS for the year 3170
geocentric

APRIL 3170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 37 35	11♈ 6'53	17♑29	27°R 5	0♓27	27♉51	20♑48	29♒19	12♒22	26♓33	3°R44	22♍24	21♍39	28♓23	16♉52	W 1
T 2	12 41 31	12° 6'45	29°57	26♓31	1°38	28°34	20°55	29°25	12°24	26°35	3♌43	22°25	21°35	28°30	16°55	T 2
F 3	12 45 28	13° 6'35	12♒ 8	26° 3	2°49	29°16	21° 2	29°31	12°26	26°38	3°43	22°26	21°32	28°36	16°58	F 3
S 4	12 49 24	14° 6'24	24° 6	25°42	4° 0	29°58	21° 8	29°37	12°28	26°40	3°43	22°28	21°29	28°43	17° 1	S 4
S 5	12 53 21	15° 6'12	5♓58	25°27	5°11	0♊40	21°14	29°43	12°31	26°42	3°42	22°30	21°26	28°50	17° 4	S 5
M 6	12 57 17	16° 5'57	17°45	25°19	6°22	1°22	21°20	29°48	12°33	26°44	3°42	22°R30	21°23	28°56	17° 8	M 6
T 7	13 1 14	17° 5'41	29°31	25°D16	7°34	2° 4	21°26	29°54	12°35	26°46	3°42	22°30	21°20	29° 3	17°11	T 7
W 8	13 5 11	18° 5'22	11♈19	25°20	8°45	2°46	21°32	29°59	12°37	26°48	3°42	22°29	21°16	29° 9	17°14	W 8
T 9	13 9 7	19° 5'02	23°12	25°29	9°56	3°28	21°38	0♓ 5	12°38	26°51	3°42	22°26	21°13	29°16	17°17	T 9
F 10	13 13 4	20° 4'40	5♉10	25°44	11° 8	4°10	21°43	0°11	12°40	26°53	3°41	22°22	21°10	29°23	17°21	F 10
S 11	13 17 0	21° 4'16	17°17	26° 4	12°19	4°52	21°48	0°16	12°42	26°55	3°41	22°17	21° 7	29°29	17°24	S 11
S 12	13 20 57	22° 3'50	29°33	26°28	13°30	5°34	21°53	0°21	12°44	26°57	3°41	22°12	21° 4	29°36	17°28	S 12
M13	13 24 53	23° 3'22	12♊ 0	26°58	14°42	6°15	21°58	0°27	12°46	26°59	3°41	22° 7	21° 1	29°43	17°31	M13
T 14	13 28 50	24° 2'51	24°41	27°32	15°53	6°57	22° 3	0°32	12°47	27° 1	3°41	22° 3	20°57	29°49	17°34	T 14
W15	13 32 46	25° 2'19	7♋37	28° 9	17° 5	7°39	22° 8	0°37	12°49	27° 3	3°41	22° 0	20°54	29°56	17°38	W15
T 16	13 36 43	26° 1'44	20°51	28°51	18°17	8°21	22°12	0°42	12°51	27° 5	3°41	21°D59	20°51	0♈ 3	17°41	T 16
F 17	13 40 40	27° 1'07	4♌25	29°37	19°28	9° 2	22°16	0°47	12°52	27° 7	3°D41	21°59	20°48	0° 9	17°45	F 17
S 18	13 44 36	28° 0'27	18°20	0♈26	20°40	9°44	22°20	0°52	12°54	27° 9	3°41	22° 0	20°45	0°16	17°48	S 18
S 19	13 48 33	28°59'45	2♍37	1°18	21°52	10°25	22°24	0°57	12°55	27°11	3°41	22° 1	20°41	0°23	17°52	S 19
M20	13 52 29	29°59'01	17°13	2°13	23° 3	11° 7	22°28	1° 1	12°57	27°13	3°41	22°R 2	20°38	0°29	17°55	M20
T 21	13 56 26	0♉58'15	2♎ 6	3°11	24°15	11°48	22°32	1° 6	12°58	27°15	3°41	22° 2	20°35	0°36	17°59	T 21
W22	14 0 22	1°57'27	17° 8	4°12	25°27	12°30	22°35	1°11	12°59	27°17	3°41	22° 0	20°32	0°42	18° 2	W22
T 23	14 4 19	2°56'36	2♏12	5°16	26°39	13°11	22°38	1°15	13° 1	27°19	3°41	21°56	20°29	0°49	18° 6	T 23
F 24	14 8 15	3°55'44	17° 7	6°22	27°51	13°53	22°41	1°20	13° 2	27°21	3°41	21°50	20°26	0°56	18°10	F 24
S 25	14 12 12	4°54'49	1♐46	7°30	29° 3	14°34	22°44	1°24	13° 3	27°23	3°42	21°44	20°22	1° 2	18°13	S 25
S 26	14 16 8	5°53'53	16° 2	8°41	0♈15	15°15	22°47	1°29	13° 4	27°25	3°42	21°37	20°19	1° 9	18°17	S 26
M27	14 20 5	6°52'56	29°50	9°54	1°27	15°57	22°49	1°33	13° 5	27°27	3°42	21°31	20°16	1°16	18°20	M27
T 28	14 24 2	7°51'56	13♑10	11° 9	2°39	16°38	22°52	1°37	13° 6	27°29	3°42	21°26	20°13	1°22	18°24	T 28
W29	14 27 58	8°50'55	26° 4	12°26	3°51	17°19	22°54	1°41	13° 7	27°31	3°43	21°23	20°10	1°29	18°28	W29
T 30	14 31 55	9♉49'52	8♒34	13♈45	5♈ 3	18♊ 0	22♑56	1♓45	13♒ 8	27♓32	3♌43	21°D22	20♍ 6	1♈36	18♉31	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n22	17s24	4n47	0n52	2n12	11s14	0n 0	20n11	0n39	21s26	0n16	12s25	0s51	17s33	0s35	2s 8	0s50	18n51	0s22	3n 0	3n18	1s12	14n55	1s56
T 2	4 45	15 56	4 12	0 26	1 58	10 53	0s 4	21 21	0 40	21 25	0 16	12 24	0 51	17 32	0 35	2 7	0 50	18 51	0 21	2 59	3 19	1 10	14 55	1 56
F 3	5 9	13 46	3 25	0 1	1 43	10 31	0 8	20 31	0 40	21 24	0 16	12 22	0 51	17 31	0 35	2 6	0 50	18 51	0 21	2 59	3 20	1 8	14 56	1 56
S 4	5 32	11 2	2 31	0s22	1 27	10 9	0 11	20 41	0 41	21 23	0 15	12 20	0 51	17 31	0 35	2 5	0 50	18 51	0 21	2 58	3 21	1 6	14 57	1 56
S 5	5 55	7 52	1 30	0 41	1 12	9 47	0 15	20 50	0 41	21 22	0 15	12 18	0 51	17 30	0 35	2 4	0 50	18 51	0 21	2 58	3 23	1 4	14 58	1 56
M 6	6 18	4 25	0 26	0 59	0 57	9 24	0 18	20 59	0 42	21 21	0 15	12 16	0 51	17 30	0 35	2 4	0 50	18 51	0 21	2 57	3 24	1 3	14 59	1 56
T 7	6 40	0 47	0s39	1 13	0 42	9 1	0 22	21 8	0 42	21 20	0 15	12 14	0 51	17 29	0 35	2 3	0 50	18 52	0 21	2 57	3 25	1 1	15 0	1 56
W 8	7 3	2n53	1 42	1 25	0 28	8 38	0 25	21 17	0 43	21 19	0 15	12 12	0 51	17 29	0 35	2 2	0 50	18 52	0 21	2 58	3 26	0 59	15 1	1 56
T 9	7 26	6 28	2 41	1 35	0 13	8 14	0 29	21 25	0 43	21 19	0 15	12 10	0 52	17 28	0 35	2 1	0 50	18 52	0 21	2 59	3 28	0 57	15 2	1 56
F 10	7 48	9 48	3 33	1 42	0s 0	7 51	0 32	21 34	0 44	21 18	0 15	12 9	0 52	17 28	0 35	2 0	0 50	18 52	0 21	3 1	3 29	0 55	15 3	1 56
S 11	8 10	12 46	4 17	1 46	0 14	7 27	0 35	21 42	0 44	21 17	0 15	12 7	0 52	17 27	0 35	1 59	0 50	18 52	0 21	3 2	3 30	0 54	15 3	1 56
S 12	8 32	15 13	4 49	1 48	0 26	7 2	0 39	21 50	0 45	21 16	0 15	12 5	0 52	17 27	0 35	1 59	0 50	18 52	0 21	3 4	3 31	0 52	15 4	1 56
M13	8 54	17 0	5 8	1 47	0 38	6 38	0 42	21 58	0 45	21 16	0 15	12 3	0 52	17 26	0 35	1 58	0 50	18 52	0 21	3 6	3 33	0 50	15 5	1 56
T 14	9 16	17 59	5 12	1 45	0 50	6 13	0 45	22 5	0 46	21 15	0 15	12 2	0 52	17 26	0 35	1 57	0 50	18 52	0 21	3 8	3 34	0 48	15 6	1 56
W15	9 38	18 3	5 1	1 40	1 1	5 48	0 48	22 13	0 46	21 14	0 15	12 0	0 52	17 25	0 36	1 56	0 50	18 52	0 21	3 9	3 35	0 46	15 7	1 56
T 16	9 59	17 10	4 34	1 33	1 12	5 23	0 51	22 20	0 47	21 14	0 15	11 58	0 52	17 25	0 36	1 55	0 51	18 52	0 20	3 10	3 36	0 44	15 8	1 56
F 17	10 21	15 17	3 51	1 24	1 21	4 58	0 54	22 27	0 47	21 13	0 15	11 57	0 53	17 25	0 36	1 55	0 51	18 52	0 20	3 10	3 37	0 43	15 9	1 56
S 18	10 42	12 29	2 54	1 13	1 31	4 32	0 56	22 33	0 48	21 12	0 15	11 55	0 53	17 24	0 36	1 54	0 51	18 53	0 20	3 9	3 39	0 41	15 10	1 56
S 19	11 3	8 51	1 44	1 1	1 39	4 7	0 59	22 40	0 48	21 12	0 15	11 54	0 53	17 24	0 36	1 53	0 51	18 53	0 20	3 9	3 40	0 39	15 11	1 56
M20	11 24	4 37	0 26	0 46	1 48	3 41	1 2	22 46	0 49	21 11	0 15	11 52	0 53	17 23	0 36	1 52	0 51	18 53	0 20	3 8	3 41	0 37	15 12	1 56
T 21	11 44	0 0	0n55	0 30	1 55	3 15	1 4	22 52	0 49	21 11	0 14	11 50	0 53	17 23	0 36	1 52	0 51	18 53	0 20	3 8	3 42	0 35	15 13	1 56
W22	12 5	4s39	2 12	0 13	2 2	2 49	1 7	22 58	0 50	21 10	0 14	11 49	0 53	17 23	0 36	1 51	0 51	18 53	0 20	3 9	3 44	0 33	15 14	1 57
T 23	12 25	9 1	3 21	0n 7	2 8	2 23	1 9	23 4	0 50	21 10	0 14	11 47	0 53	17 22	0 36	1 50	0 51	18 53	0 20	3 11	3 45	0 32	15 15	1 57
F 24	12 45	12 45	4 15	0 27	2 14	1 57	1 12	23 9	0 51	21 9	0 14	11 46	0 54	17 22	0 36	1 49	0 51	18 53	0 20	3 13	3 46	0 30	15 16	1 57
S 25	13 5	15 38	4 51	0 49	2 20	1 30	1 14	23 15	0 51	21 9	0 14	11 45	0 54	17 22	0 36	1 49	0 51	18 53	0 20	3 16	3 47	0 28	15 16	1 57
S 26	13 24	17 27	5 8	1 12	2 24	1 4	1 16	23 20	0 51	21 9	0 14	11 43	0 54	17 22	0 36	1 48	0 51	18 53	0 20	3 18	3 49	0 26	15 17	1 57
M27	13 43	18 11	5 6	1 37	2 28	0 38	1 18	23 24	0 52	21 8	0 14	11 42	0 54	17 21	0 36	1 47	0 51	18 53	0 20	3 21	3 50	0 24	15 18	1 57
T 28	14 3	17 52	4 48	2 3	2 32	0 11	1 20	23 29	0 52	21 8	0 14	11 40	0 54	17 21	0 36	1 46	0 51	18 53	0 20	3 22	3 51	0 22	15 19	1 57
W29	14 21	16 37	4 15	2 30	2 35	0n16	1 22	23 33	0 53	21 8	0 14	11 39	0 54	17 21	0 36	1 46	0 51	18 53	0 20	3 24	3 52	0 21	15 20	1 57
T 30	14n40	14s37	3n31	2n58	2s38	0n42	1s24	23n38	0n53	21s 7	0n14	11s38	0s54	17s21	0s36	1s45	0s51	18n53	0s20	3n24	3n54	0s19	15n21	1s57

Julian Day Number = 2878968.5, Delta T = 01h14m53s
Ecliptic obliquity = 23°17'08, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°07'43, Lahiri = 40°14'44

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ASTRODIENST EPHEMERIS for the year 3170
geocentric

MAY 3170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 35 51	10♉48'47	20♒45	15♈ 7	6♈15	18♊41	22♑57	1♓49	13♒ 9	27♓34	3♌43	21♍23	20♍ 3	1♈42	18♉35	F 1
S 2	14 39 48	11°47'41	2♓43	16°30	7°27	19°22	22°59	1°53	13°10	27°36	3°44	21°24	20° 0	1°49	18°39	S 2
S 3	14 43 44	12°46'32	14°32	17°54	8°40	20° 3	23° 0	1°57	13°11	27°38	3°44	21°25	19°57	1°56	18°42	S 3
M 4	14 47 41	13°45'23	26°18	19°21	9°52	20°44	23° 2	2° 1	13°11	27°39	3°44	21°R25	19°54	2° 2	18°46	M 4
T 5	14 51 37	14°44'11	8♈ 6	20°49	11° 4	21°25	23° 3	2° 4	13°12	27°41	3°45	21°24	19°51	2° 9	18°50	T 5
W 6	14 55 34	15°42'58	19°57	22°20	12°16	22° 6	23° 3	2° 8	13°13	27°43	3°45	21°20	19°47	2°16	18°53	W 6
T 7	14 59 31	16°41'42	1♉57	23°51	13°29	22°47	23° 4	2°11	13°13	27°45	3°46	21°13	19°44	2°22	18°57	T 7
F 8	15 3 27	17°40'25	14° 6	25°25	14°41	23°28	23° 5	2°15	13°14	27°46	3°46	21° 5	19°41	2°29	19° 1	F 8
S 9	15 7 24	18°39'07	26°27	27° 0	15°53	24° 9	23° 5	2°18	13°14	27°48	3°47	20°55	19°38	2°35	19° 4	S 9
S 10	15 11 20	19°37'46	8♊59	28°37	17° 5	24°50	23°R 5	2°21	13°15	27°49	3°47	20°44	19°35	2°42	19° 8	S 10
M11	15 15 17	20°36'23	21°43	0♉16	18°18	25°31	23° 5	2°25	13°15	27°51	3°48	20°33	19°32	2°49	19°12	M11
T 12	15 19 13	21°34'59	4♋39	1°56	19°30	26°11	23° 4	2°28	13°15	27°52	3°48	20°24	19°28	2°55	19°15	T 12
W13	15 23 10	22°33'32	17°48	3°39	20°43	26°52	23° 4	2°31	13°16	27°54	3°49	20°17	19°25	3° 2	19°19	W13
T 14	15 27 6	23°32'03	1♌ 9	5°22	21°55	27°33	23° 3	2°33	13°16	27°55	3°50	20°13	19°22	3° 9	19°23	T 14
F 15	15 31 3	24°30'32	14°44	7° 8	23° 7	28°13	23° 2	2°36	13°16	27°57	3°50	20°10	19°19	3°15	19°26	F 15
S 16	15 35 0	25°28'59	28°33	8°55	24°20	28°54	23° 1	2°39	13°16	27°58	3°51	20°D10	19°16	3°22	19°30	S 16
S 17	15 38 56	26°27'24	12♍37	10°44	25°32	29°35	23° 0	2°41	13°16	28° 0	3°52	20°R11	19°12	3°29	19°34	S 17
M18	15 42 53	27°25'47	26°55	12°35	26°45	0♋15	22°59	2°44	13°R16	28° 1	3°52	20°11	19° 9	3°35	19°37	M18
T 19	15 46 49	28°24'08	11♎26	14°27	27°57	0°56	22°57	2°46	13°16	28° 2	3°53	20° 9	19° 6	3°42	19°41	T 19
W20	15 50 46	29°22'26	26° 6	16°21	29°10	1°36	22°55	2°49	13°16	28° 4	3°54	20° 5	19° 3	3°49	19°45	W20
T 21	15 54 42	0♊20'43	10♏49	18°17	0♉22	2°16	22°53	2°51	13°16	28° 5	3°55	19°58	19° 0	3°55	19°48	T 21
F 22	15 58 39	1°18'58	25°28	20°15	1°35	2°57	22°51	2°53	13°16	28° 6	3°56	19°49	18°57	4° 2	19°52	F 22
S 23	16 2 35	2°17'11	9♐55	22°14	2°47	3°37	22°49	2°55	13°15	28° 8	3°56	19°39	18°53	4° 9	19°56	S 23
S 24	16 6 32	3°15'23	24° 4	24°15	4° 0	4°18	22°46	2°57	13°15	28° 9	3°57	19°27	18°50	4°15	19°59	S 24
M25	16 10 29	4°13'33	7♑51	26°18	5°12	4°58	22°43	2°59	13°15	28°10	3°58	19°17	18°47	4°22	20° 3	M25
T 26	16 14 25	5°11'42	21°12	28°22	6°25	5°38	22°41	3° 1	13°14	28°11	3°59	19° 9	18°44	4°29	20° 6	T 26
W27	16 18 22	6° 9'49	4♒ 7	0♊27	7°37	6°18	22°38	3° 2	13°14	28°12	4° 0	19° 2	18°41	4°35	20°10	W27
T 28	16 22 18	7° 7'55	16°40	2°34	8°50	6°58	22°34	3° 4	13°14	28°13	4° 1	18°59	18°38	4°42	20°13	T 28
F 29	16 26 15	8° 5'59	28°53	4°42	10° 3	7°39	22°31	3° 5	13°13	28°15	4° 2	18°57	18°34	4°48	20°17	F 29
S 30	16 30 11	9° 4'02	10♓52	6°51	11°15	8°19	22°27	3° 7	13°12	28°16	4° 3	18°D57	18°31	4°55	20°21	S 30
S 31	16 34 8	10♊ 2'04	22♓43	9♊ 1	12♉28	8♋59	22♑24	3♓ 8	13♒12	28♓17	4♌ 4	18°R57	18♍28	5♈ 2	20♉24	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14n58	11s59	2n38	3n27	2s40	1n 9	1s26	23n42	0n53	21s 7	0n14	11s37	0s55	17s20	0s36	1s44	0s51	18n53	0s19	3n24	3n55	0s17	15n22	1s57
S 2	15 17	8 54	1 39	3 58	2 41	1 36	1 28	23 45	0 54	21 7	0 14	11 35	0 55	17 20	0 36	1 44	0 51	18 53	0 19	3 23	3 56	0 15	15 23	1 57
S 3	15 34	5 29	0 37	4 29	2 42	2 3	1 29	23 49	0 54	21 7	0 14	11 34	0 55	17 20	0 36	1 43	0 51	18 53	0 19	3 23	3 57	0 13	15 24	1 57
M 4	15 52	1 52	0s26	5 1	2 42	2 29	1 31	23 52	0 54	21 7	0 14	11 33	0 55	17 20	0 36	1 42	0 51	18 53	0 19	3 23	3 59	0 11	15 25	1 57
T 5	16 9	1n50	1 29	5 34	2 42	2 56	1 32	23 55	0 55	21 7	0 14	11 32	0 55	17 20	0 36	1 42	0 51	18 53	0 19	3 24	4 0	0 10	15 26	1 57
W 6	16 26	5 29	2 27	6 8	2 42	3 23	1 34	23 58	0 55	21 6	0 13	11 31	0 55	17 20	0 36	1 41	0 51	18 53	0 19	3 25	4 1	0 8	15 27	1 57
T 7	16 43	8 57	3 20	6 43	2 40	3 50	1 35	24 1	0 56	21 6	0 13	11 30	0 56	17 19	0 36	1 40	0 51	18 53	0 19	3 28	4 2	0 6	15 28	1 57
F 8	17 0	12 5	4 4	7 18	2 39	4 16	1 36	24 3	0 56	21 6	0 13	11 28	0 56	17 19	0 36	1 40	0 51	18 53	0 19	3 31	4 4	0 4	15 29	1 57
S 9	17 16	14 44	4 38	7 54	2 37	4 43	1 37	24 6	0 56	21 6	0 13	11 27	0 56	17 19	0 36	1 39	0 51	18 53	0 19	3 35	4 5	0 2	15 30	1 57
S 10	17 32	16 45	4 58	8 31	2 34	5 9	1 38	24 8	0 57	21 7	0 13	11 26	0 56	17 19	0 36	1 39	0 51	18 53	0 19	3 39	4 6	0 0	15 30	1 58
M11	17 47	17 58	5 4	9 8	2 31	5 36	1 39	24 9	0 57	21 7	0 13	11 25	0 56	17 19	0 36	1 38	0 51	18 52	0 19	3 43	4 7	0n 1	15 31	1 58
T 12	18 3	18 17	4 55	9 46	2 27	6 2	1 40	24 11	0 57	21 7	0 13	11 25	0 56	17 19	0 37	1 37	0 51	18 52	0 19	3 47	4 9	0 3	15 32	1 58
W13	18 18	17 38	4 30	10 25	2 22	6 28	1 41	24 12	0 58	21 7	0 13	11 24	0 56	17 19	0 37	1 37	0 51	18 52	0 19	3 49	4 10	0 5	15 33	1 58
T 14	18 32	16 1	3 51	11 4	2 18	6 55	1 42	24 14	0 58	21 7	0 13	11 23	0 57	17 19	0 37	1 36	0 51	18 52	0 19	3 51	4 11	0 7	15 34	1 58
F 15	18 47	13 29	2 57	11 43	2 12	7 21	1 42	24 15	0 58	21 7	0 13	11 22	0 57	17 19	0 37	1 36	0 51	18 52	0 18	3 52	4 12	0 9	15 35	1 58
S 16	19 1	10 8	1 53	12 23	2 7	7 47	1 43	24 15	0 58	21 8	0 13	11 21	0 57	17 19	0 37	1 35	0 51	18 52	0 18	3 52	4 13	0 11	15 36	1 58
S 17	19 14	6 10	0 40	13 2	2 1	8 12	1 43	24 16	0 59	21 8	0 13	11 20	0 57	17 19	0 37	1 35	0 51	18 52	0 18	3 52	4 15	0 12	15 37	1 58
M18	19 28	1 46	0n36	13 42	1 54	8 38	1 44	24 16	0 59	21 8	0 13	11 20	0 57	17 19	0 37	1 34	0 51	18 52	0 18	3 52	4 16	0 14	15 38	1 58
T 19	19 41	2s48	1 51	14 22	1 47	9 3	1 44	24 16	0 59	21 9	0 12	11 19	0 57	17 19	0 37	1 34	0 51	18 52	0 18	3 53	4 17	0 16	15 39	1 58
W20	19 53	7 14	2 59	15 2	1 39	9 29	1 44	24 16	1 0	21 9	0 12	11 18	0 58	17 19	0 37	1 33	0 51	18 52	0 18	3 54	4 18	0 18	15 40	1 58
T 21	20 6	11 15	3 55	15 42	1 31	9 54	1 45	24 16	1 0	21 9	0 12	11 18	0 58	17 19	0 37	1 33	0 52	18 51	0 18	3 57	4 20	0 20	15 40	1 58
F 22	20 18	14 32	4 36	16 22	1 23	10 19	1 45	24 15	1 0	21 10	0 12	11 17	0 58	17 19	0 37	1 32	0 52	18 51	0 18	4 0	4 21	0 22	15 41	1 58
S 23	20 29	16 53	4 58	17 1	1 14	10 43	1 45	24 15	1 0	21 10	0 12	11 16	0 58	17 19	0 37	1 32	0 52	18 51	0 18	4 5	4 22	0 23	15 42	1 59
S 24	20 40	18 8	5 1	17 40	1 5	11 8	1 45	24 14	1 1	21 11	0 12	11 16	0 58	17 19	0 37	1 31	0 52	18 51	0 18	4 9	4 23	0 25	15 43	1 59
M25	20 51	18 17	4 47	18 18	0 55	11 32	1 44	24 13	1 1	21 11	0 12	11 15	0 58	17 20	0 37	1 31	0 52	18 51	0 18	4 13	4 25	0 27	15 44	1 59
T 26	21 2	17 24	4 17	18 56	0 45	11 56	1 44	24 11	1 1	21 12	0 12	11 15	0 59	17 20	0 37	1 30	0 52	18 51	0 18	4 16	4 26	0 29	15 45	1 59
W27	21 12	15 38	3 34	19 32	0 35	12 20	1 44	24 10	1 1	21 12	0 12	11 14	0 59	17 20	0 37	1 30	0 52	18 51	0 18	4 19	4 27	0 31	15 46	1 59
T 28	21 22	13 9	2 43	20 8	0 25	12 43	1 44	24 8	1 2	21 13	0 12	11 14	0 59	17 20	0 37	1 30	0 52	18 51	0 18	4 20	4 28	0 33	15 46	1 59
F 29	21 31	10 9	1 44	20 42	0 15	13 6	1 43	24 6	1 2	21 14	0 12	11 14	0 59	17 20	0 37	1 29	0 52	18 50	0 18	4 21	4 30	0 34	15 47	1 59
S 30	21 40	6 47	0 43	21 15	0 4	13 29	1 43	24 4	1 2	21 14	0 12	11 13	0 59	17 20	0 37	1 29	0 52	18 50	0 17	4 21	4 31	0 36	15 48	1 59
S 31	21n49	3s11	0s20	21n46	0n 6	13n52	1s42	24n 1	1n 2	21s15	0n11	11s13	1s 0	17s21	0s37	1s29	0s52	18n50	0s17	4n21	4n32	0n38	15n49	1s59

Julian Day Number = 2878998.5, Delta T = 01h14m53s
Ecliptic obliquity = 23°17'07, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°07'47, Lahiri = 40°14'48

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3170
geocentric

JUNE 3170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 38 4	11♊ 0'04	4♈31	11♊12	13♉41	9♋39	22°R20	3♓ 9	13°R11	28♓18	4♌ 5	18°R56	18♍25	5♈ 8	20♉28	M 1
T 2	16 42 1	11°58'04	16°20	13°23	14°53	10°19	22♑15	3°10	13♒10	28°18	4° 6	18♍54	18°22	5°15	20°31	T 2
W 3	16 45 58	12°56'02	28°16	15°35	16° 6	10°59	22°11	3°11	13°10	28°19	4° 7	18°49	18°18	5°22	20°35	W 3
T 4	16 49 54	13°53'58	10♉23	17°46	17°19	11°39	22° 7	3°12	13° 9	28°20	4° 8	18°41	18°15	5°28	20°38	T 4
F 5	16 53 51	14°51'54	22°43	19°56	18°31	12°19	22° 2	3°13	13° 8	28°21	4° 9	18°31	18°12	5°35	20°41	F 5
S 6	16 57 47	15°49'48	5♊18	22° 7	19°44	12°59	21°57	3°14	13° 7	28°22	4°10	18°18	18° 9	5°42	20°45	S 6
S 7	17 1 44	16°47'40	18° 8	24°16	20°57	13°39	21°53	3°14	13° 6	28°23	4°11	18° 5	18° 6	5°48	20°48	S 7
M 8	17 5 40	17°45'32	1♋13	26°24	22° 9	14°19	21°48	3°15	13° 5	28°24	4°12	17°53	18° 3	5°55	20°52	M 8
T 9	17 9 37	18°43'22	14°31	28°30	23°22	14°58	21°42	3°15	13° 4	28°24	4°13	17°41	17°59	6° 2	20°55	T 9
W10	17 13 33	19°41'10	28° 0	0♋35	24°35	15°38	21°37	3°16	13° 3	28°25	4°15	17°33	17°56	6° 8	20°58	W10
T 11	17 17 30	20°38'57	11♌39	2°37	25°48	16°18	21°32	3°16	13° 2	28°26	4°16	17°27	17°53	6°15	21° 2	T 11
F 12	17 21 27	21°36'43	25°27	4°38	27° 1	16°58	21°26	3°16	13° 1	28°26	4°17	17°23	17°50	6°22	21° 5	F 12
S 13	17 25 23	22°34'27	9♍22	6°36	28°13	17°37	21°20	3°R16	13° 0	28°27	4°18	17°22	17°47	6°28	21° 8	S 13
S 14	17 29 20	23°32'09	23°24	8°32	29°26	18°17	21°14	3°16	12°58	28°27	4°19	17°22	17°44	6°35	21°12	S 14
M15	17 33 16	24°29'50	7♎32	10°25	0♊39	18°57	21° 8	3°16	12°57	28°28	4°21	17°22	17°40	6°42	21°15	M15
T 16	17 37 13	25°27'29	21°46	12°16	1°52	19°36	21° 2	3°15	12°56	28°28	4°22	17°20	17°37	6°48	21°18	T 16
W17	17 41 9	26°25'07	6♏ 4	14° 4	3° 5	20°16	20°56	3°15	12°54	28°29	4°23	17°16	17°34	6°55	21°21	W17
T 18	17 45 6	27°22'43	20°21	15°50	4°17	20°55	20°50	3°15	12°53	28°29	4°24	17° 9	17°31	7° 1	21°24	T 18
F 19	17 49 2	28°20'18	4♐35	17°32	5°30	21°35	20°43	3°14	12°51	28°30	4°26	17° 0	17°28	7° 8	21°27	F 19
S 20	17 52 59	29°17'52	18°39	19°12	6°43	22°14	20°37	3°13	12°50	28°30	4°27	16°49	17°24	7°15	21°30	S 20
S 21	17 56 56	0♋15'25	2♑29	20°48	7°56	22°54	20°30	3°13	12°48	28°31	4°28	16°37	17°21	7°21	21°34	S 21
M22	18 0 52	1°12'57	16° 2	22°22	9° 9	23°33	20°23	3°12	12°47	28°31	4°30	16°26	17°18	7°28	21°37	M22
T 23	18 4 49	2°10'28	29°13	23°53	10°22	24°13	20°16	3°11	12°45	28°31	4°31	16°17	17°15	7°35	21°40	T 23
W24	18 8 45	3° 7'58	12♒ 3	25°21	11°35	24°52	20° 9	3°10	12°44	28°31	4°32	16°10	17°12	7°41	21°43	W24
T 25	18 12 42	4° 5'27	24°33	26°46	12°47	25°32	20° 2	3° 9	12°42	28°32	4°34	16° 6	17° 9	7°48	21°45	T 25
F 26	18 16 38	5° 2'56	6♓46	28° 8	14° 0	26°11	19°55	3° 7	12°40	28°32	4°35	16° 4	17° 5	7°55	21°48	F 26
S 27	18 20 35	6° 0'24	18°46	29°26	15°13	26°50	19°48	3° 6	12°38	28°32	4°37	16°D 4	17° 2	8° 1	21°51	S 27
S 28	18 24 32	6°57'51	0♈38	0♌42	16°26	27°30	19°41	3° 5	12°37	28°32	4°38	16° 4	16°59	8° 8	21°54	S 28
M29	18 28 28	7°55'18	12°27	1°55	17°39	28° 9	19°33	3° 3	12°35	28°32	4°39	16°R 4	16°56	8°15	21°57	M29
T 30	18 32 25	8♋52'44	24♈19	3♌ 4	18♊52	28♋48	19♑26	3♓ 1	12♒33	28♓32	4♌41	16♍ 3	16♍53	8♈21	22♉ 0	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n57	0n32	1s22	22n15	0n17	14n14	1s41	23n59	1n 3	21s16	0n11	11s13	1s 0	17s21	0s37	1s28	0s52	18n50	0s17	4n21	4n33	0n40	15n50	1s59
T 2	22 5	4 14	2 20	22 42	0 27	14 36	1 41	23 56	1 3	21 17	0 11	11 12	1 0	17 21	0 37	1 28	0 52	18 50	0 17	4 22	4 34	0 42	15 51	2 0
W 3	22 12	7 48	3 12	23 8	0 37	14 57	1 40	23 53	1 3	21 17	0 11	11 12	1 0	17 21	0 37	1 28	0 52	18 50	0 17	4 24	4 36	0 44	15 51	2 0
T 4	22 19	11 5	3 57	23 31	0 47	15 19	1 39	23 50	1 3	21 18	0 11	11 12	1 0	17 22	0 37	1 27	0 52	18 49	0 17	4 27	4 37	0 45	15 52	2 0
F 5	22 26	13 57	4 31	23 51	0 57	15 39	1 38	23 46	1 4	21 19	0 11	11 12	1 0	17 22	0 37	1 27	0 52	18 49	0 17	4 31	4 38	0 47	15 53	2 0
S 6	22 32	16 15	4 53	24 9	1 6	16 0	1 37	23 43	1 4	21 20	0 11	11 12	1 1	17 22	0 37	1 27	0 52	18 49	0 17	4 36	4 39	0 49	15 54	2 0
S 7	22 38	17 46	5 0	24 24	1 15	16 20	1 36	23 39	1 4	21 21	0 11	11 12	1 1	17 22	0 37	1 26	0 52	18 49	0 17	4 41	4 41	0 51	15 54	2 0
M 8	22 44	18 24	4 52	24 37	1 23	16 40	1 35	23 35	1 4	21 22	0 11	11 12	1 1	17 23	0 37	1 26	0 52	18 49	0 17	4 46	4 42	0 53	15 55	2 0
T 9	22 49	18 3	4 29	24 47	1 31	16 59	1 34	23 31	1 4	21 22	0 11	11 12	1 1	17 23	0 38	1 26	0 52	18 48	0 17	4 50	4 43	0 55	15 56	2 0
W10	22 53	16 41	3 50	24 55	1 38	17 18	1 32	23 27	1 4	21 23	0 10	11 12	1 1	17 23	0 38	1 26	0 52	18 48	0 17	4 54	4 44	0 56	15 57	2 0
T 11	22 57	14 21	2 57	24 59	1 44	17 37	1 31	23 22	1 5	21 24	0 10	11 12	1 1	17 24	0 38	1 25	0 52	18 48	0 17	4 56	4 46	0 58	15 57	2 1
F 12	23 1	11 11	1 53	25 2	1 50	17 55	1 30	23 17	1 5	21 25	0 10	11 12	1 2	17 24	0 38	1 25	0 52	18 48	0 17	4 57	4 47	1 0	15 58	2 1
S 13	23 5	7 21	0 42	25 2	1 54	18 12	1 28	23 12	1 5	21 26	0 10	11 12	1 2	17 25	0 38	1 25	0 52	18 47	0 17	4 57	4 48	1 2	15 59	2 1
S 14	23 8	3 6	0n32	24 59	1 58	18 29	1 27	23 7	1 5	21 27	0 10	11 12	1 2	17 25	0 38	1 25	0 52	18 47	0 16	4 58	4 49	1 4	16 0	2 1
M15	23 10	1s22	1 45	24 54	2 2	18 46	1 25	23 2	1 5	21 28	0 10	11 13	1 2	17 25	0 38	1 25	0 52	18 47	0 16	4 58	4 50	1 6	16 0	2 1
T 16	23 12	5 47	2 51	24 47	2 4	19 2	1 23	22 57	1 6	21 29	0 10	11 13	1 2	17 26	0 38	1 24	0 52	18 47	0 16	4 58	4 52	1 8	16 1	2 1
W17	23 14	9 52	3 47	24 38	2 6	19 18	1 22	22 51	1 6	21 31	0 10	11 13	1 2	17 26	0 38	1 24	0 52	18 47	0 16	5 0	4 53	1 9	16 2	2 1
T 18	23 16	13 23	4 29	24 27	2 7	19 33	1 20	22 45	1 6	21 32	0 10	11 14	1 3	17 27	0 38	1 24	0 53	18 46	0 16	5 3	4 54	1 11	16 2	2 2
F 19	23 17	16 6	4 54	24 14	2 7	19 48	1 18	22 39	1 6	21 33	0 9	11 14	1 3	17 27	0 38	1 24	0 53	18 46	0 16	5 6	4 55	1 13	16 3	2 2
S 20	23 17	17 48	5 1	24 0	2 6	20 2	1 17	22 33	1 6	21 34	0 9	11 14	1 3	17 27	0 38	1 24	0 53	18 46	0 16	5 11	4 57	1 15	16 4	2 2
S 21	23 17	18 26	4 50	23 44	2 5	20 16	1 15	22 27	1 6	21 35	0 9	11 15	1 3	17 28	0 38	1 24	0 53	18 46	0 16	5 15	4 58	1 17	16 4	2 2
M22	23 17	17 59	4 23	23 27	2 2	20 29	1 13	22 20	1 6	21 36	0 9	11 15	1 3	17 28	0 38	1 24	0 53	18 45	0 16	5 19	4 59	1 19	16 5	2 2
T 23	23 16	16 34	3 42	23 9	1 59	20 41	1 11	22 13	1 7	21 37	0 9	11 16	1 4	17 29	0 38	1 24	0 53	18 45	0 16	5 23	5 0	1 20	16 6	2 2
W24	23 15	14 20	2 50	22 49	1 55	20 53	1 9	22 7	1 7	21 38	0 9	11 16	1 4	17 29	0 38	1 23	0 53	18 45	0 16	5 25	5 2	1 22	16 6	2 2
T 25	23 13	11 30	1 52	22 29	1 50	21 5	1 7	22 0	1 7	21 39	0 9	11 17	1 4	17 30	0 38	1 23	0 53	18 45	0 16	5 27	5 3	1 24	16 7	2 2
F 26	23 11	8 12	0 49	22 7	1 45	21 16	1 5	21 52	1 7	21 41	0 9	11 17	1 4	17 30	0 38	1 23	0 53	18 44	0 16	5 28	5 4	1 26	16 7	2 3
S 27	23 9	4 38	0s14	21 45	1 39	21 26	1 3	21 45	1 7	21 42	0 8	11 18	1 4	17 31	0 38	1 23	0 53	18 44	0 16	5 28	5 5	1 28	16 8	2 3
S 28	23 6	0 56	1 17	21 22	1 32	21 36	1 1	21 38	1 7	21 43	0 8	11 19	1 4	17 31	0 38	1 23	0 53	18 44	0 16	5 28	5 6	1 30	16 9	2 3
M29	23 3	2n48	2 16	20 59	1 24	21 45	0 58	21 30	1 7	21 44	0 8	11 20	1 5	17 32	0 38	1 23	0 53	18 43	0 16	5 28	5 8	1 31	16 9	2 3
T 30	22n59	6n26	3s 9	20n35	1n16	21n53	0s56	21n22	1n 7	21s45	0n 8	11s20	1s 5	17s32	0s38	1s23	0s53	18n43	0s15	5n28	5n 9	1n33	16n10	2s 3

Julian Day Number = 2879029.5, Delta T = 01h14m54s
Ecliptic obliquity = 23°17'07, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°07'52, Lahiri = 40°14'52

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ASTRODIENST EPHEMERIS for the year 3170
geocentric

JULY 3170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 36 21	9♋50'09	6♉18	4♌10	20♊ 5	29♋27	19°R19	3°R 0	12°R31	28°R32	4♌42	16°R 0	16♍50	8♈28	22♉ 2	W 1
T 2	18 40 18	10°47'34	18°29	5°13	21°18	0♌ 6	19♏11	2♓58	12♒29	28♓32	4°44	15♍54	16°46	8°35	22° 5	T 2
F 3	18 44 14	11°44'59	0♊57	6°12	22°31	0°46	19° 4	2°56	12°27	28°32	4°45	15°46	16°43	8°41	22° 8	F 3
S 4	18 48 11	12°42'23	13°42	7° 8	23°44	1°25	18°56	2°54	12°25	28°32	4°47	15°37	16°40	8°48	22°10	S 4
S 5	18 52 7	13°39'47	26°47	8° 0	24°57	2° 4	18°48	2°52	12°23	28°32	4°48	15°26	16°37	8°55	22°13	S 5
M 6	18 56 4	14°37'10	10♋11	8°48	26°11	2°43	18°41	2°50	12°21	28°32	4°50	15°16	16°34	9° 1	22°16	M 6
T 7	19 0 1	15°34'32	23°52	9°33	27°24	3°22	18°33	2°48	12°19	28°32	4°51	15° 7	16°30	9° 8	22°18	T 7
W 8	19 3 57	16°31'54	7♌46	10°14	28°37	4° 1	18°26	2°45	12°17	28°31	4°53	15° 0	16°27	9°15	22°21	W 8
T 9	19 7 54	17°29'16	21°49	10°51	29°50	4°40	18°18	2°43	12°15	28°31	4°54	14°56	16°24	9°21	22°23	T 9
F 10	19 11 50	18°26'36	5♍58	11°23	1♋ 3	5°19	18°10	2°40	12°13	28°31	4°56	14°54	16°21	9°28	22°25	F 10
S 11	19 15 47	19°23'56	20°10	11°52	2°16	5°58	18° 2	2°38	12°11	28°31	4°57	14°D54	16°18	9°35	22°28	S 11
S 12	19 19 43	20°21'15	4♎22	12°16	3°29	6°37	17°55	2°35	12° 9	28°30	4°59	14°54	16°15	9°41	22°30	S 12
M13	19 23 40	21°18'33	18°33	12°36	4°42	7°16	17°47	2°33	12° 6	28°30	5° 0	14°R55	16°11	9°48	22°32	M13
T 14	19 27 36	22°15'51	2♏40	12°51	5°56	7°55	17°39	2°30	12° 4	28°29	5° 2	14°54	16° 8	9°55	22°35	T 14
W15	19 31 33	23°13'08	16°43	13° 2	7° 9	8°34	17°32	2°27	12° 2	28°29	5° 3	14°52	16° 5	10° 1	22°37	W15
T 16	19 35 30	24°10'24	0♐40	13° 8	8°22	9°13	17°24	2°24	12° 0	28°29	5° 5	14°48	16° 2	10° 8	22°39	T 16
F 17	19 39 26	25° 7'40	14°28	13°R 9	9°35	9°52	17°17	2°21	11°57	28°28	5° 6	14°42	15°59	10°15	22°41	F 17
S 18	19 43 23	26° 4'55	28° 7	13° 6	10°49	10°31	17° 9	2°18	11°55	28°28	5° 8	14°34	15°56	10°21	22°43	S 18
S 19	19 47 19	27° 2'10	11♑32	12°58	12° 2	11° 9	17° 2	2°15	11°53	28°27	5° 9	14°26	15°52	10°28	22°45	S 19
M20	19 51 16	27°59'25	24°42	12°46	13°15	11°48	16°54	2°11	11°50	28°26	5°11	14°19	15°49	10°34	22°47	M20
T 21	19 55 12	28°56'40	7♒36	12°30	14°28	12°27	16°47	2° 8	11°48	28°26	5°12	14°12	15°46	10°41	22°49	T 21
W22	19 59 9	29°53'54	20°14	12° 9	15°42	13° 6	16°40	2° 5	11°46	28°25	5°14	14° 8	15°43	10°48	22°51	W22
T 23	20 3 5	0♌51'09	2♓36	11°45	16°55	13°45	16°32	2° 1	11°43	28°25	5°16	14° 5	15°40	10°54	22°53	T 23
F 24	20 7 2	1°48'23	14°44	11°17	18° 8	14°23	16°25	1°58	11°41	28°24	5°17	14°D 5	15°36	11° 1	22°55	F 24
S 25	20 10 59	2°45'37	26°42	10°46	19°22	15° 2	16°18	1°54	11°39	28°23	5°19	14° 5	15°33	11° 8	22°56	S 25
S 26	20 14 55	3°42'52	8♈34	10°13	20°35	15°41	16°11	1°51	11°36	28°22	5°20	14° 7	15°30	11°14	22°58	S 26
M27	20 18 52	4°40'07	20°23	9°37	21°49	16°19	16° 4	1°47	11°34	28°22	5°22	14° 8	15°27	11°21	23° 0	M27
T 28	20 22 48	5°37'22	2♉15	9° 0	23° 2	16°58	15°57	1°43	11°32	28°21	5°23	14°R 9	15°24	11°28	23° 1	T 28
W29	20 26 45	6°34'38	14°15	8°22	24°15	17°37	15°50	1°40	11°29	28°20	5°25	14° 9	15°21	11°34	23° 3	W29
T 30	20 30 41	7°31'54	26°27	7°43	25°29	18°15	15°44	1°36	11°27	28°19	5°27	14° 7	15°17	11°41	23° 4	T 30
F 31	20 34 38	8♌29'11	8♊57	7♌ 5	26♋42	18♌54	15♑37	1♓32	11♒24	28♓18	5♌28	14♍ 4	15♍14	11♈48	23♉ 6	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n55	9n50	3s55	20n11	1n 7	22n 1	0s54	21n14	1n 7	21s46	0n 8	11s21	1s 5	17s33	0s38	1s23	0s53	18n43	0s15	5n29	5n10	1n35	16n10	2s 3
T 2	22 51	12 53	4 30	19 46	0 57	22 9	0 52	21 6	1 8	21 48	0 8	11 22	1 5	17 34	0 38	1 23	0 53	18 43	0 15	5 32	5 11	1 37	16 11	2 4
F 3	22 46	15 25	4 54	19 22	0 47	22 15	0 49	20 58	1 8	21 49	0 8	11 23	1 5	17 34	0 38	1 24	0 53	18 42	0 15	5 35	5 13	1 39	16 11	2 4
S 4	22 41	17 16	5 4	18 57	0 36	22 21	0 47	20 49	1 8	21 50	0 8	11 24	1 5	17 35	0 38	1 24	0 53	18 42	0 15	5 38	5 14	1 41	16 12	2 4
S 5	22 35	18 17	4 58	18 33	0 24	22 27	0 45	20 40	1 8	21 51	0 7	11 24	1 6	17 35	0 38	1 24	0 53	18 42	0 15	5 42	5 15	1 43	16 12	2 4
M 6	22 29	18 18	4 36	18 8	0 12	22 31	0 42	20 32	1 8	21 52	0 7	11 25	1 6	17 36	0 38	1 24	0 53	18 41	0 15	5 46	5 16	1 44	16 13	2 4
T 7	22 23	17 17	3 58	17 44	0s 1	22 36	0 40	20 23	1 8	21 53	0 7	11 26	1 6	17 37	0 38	1 24	0 53	18 41	0 15	5 50	5 18	1 46	16 13	2 4
W 8	22 16	15 14	3 5	17 20	0 14	22 39	0 38	20 14	1 8	21 55	0 7	11 27	1 6	17 37	0 38	1 24	0 53	18 41	0 15	5 52	5 19	1 48	16 14	2 4
T 9	22 9	12 15	2 0	16 57	0 28	22 42	0 35	20 5	1 8	21 56	0 7	11 28	1 6	17 38	0 38	1 24	0 53	18 41	0 15	5 54	5 20	1 50	16 14	2 5
F 10	22 1	8 31	0 48	16 35	0 42	22 44	0 33	19 55	1 8	21 57	0 7	11 29	1 6	17 38	0 38	1 24	0 53	18 40	0 15	5 55	5 21	1 52	16 15	2 5
S 11	21 54	4 18	0n28	16 13	0 57	22 46	0 30	19 46	1 8	21 58	0 7	11 30	1 7	17 39	0 38	1 24	0 53	18 40	0 15	5 55	5 22	1 54	16 15	2 5
S 12	21 45	0s 9	1 43	15 51	1 12	22 47	0 28	19 36	1 8	21 59	0 7	11 31	1 7	17 40	0 38	1 25	0 53	18 40	0 15	5 55	5 24	1 55	16 16	2 5
M13	21 37	4 35	2 51	15 31	1 27	22 47	0 25	19 26	1 8	22 0	0 6	11 33	1 7	17 40	0 38	1 25	0 53	18 39	0 15	5 54	5 25	1 57	16 16	2 5
T 14	21 28	8 45	3 48	15 12	1 43	22 46	0 23	19 16	1 8	22 1	0 6	11 34	1 7	17 41	0 38	1 25	0 54	18 39	0 15	5 54	5 26	1 59	16 16	2 6
W15	21 18	12 23	4 31	14 54	1 59	22 45	0 20	19 6	1 9	22 3	0 6	11 35	1 7	17 41	0 38	1 25	0 54	18 39	0 15	5 55	5 27	2 1	16 17	2 6
T 16	21 8	15 18	4 58	14 37	2 15	22 44	0 18	18 56	1 9	22 4	0 6	11 36	1 7	17 42	0 38	1 25	0 54	18 38	0 14	5 57	5 29	2 3	16 17	2 6
F 17	20 58	17 18	5 7	14 21	2 31	22 41	0 15	18 46	1 9	22 5	0 6	11 37	1 7	17 43	0 38	1 26	0 54	18 38	0 14	5 59	5 30	2 5	16 17	2 6
S 18	20 48	18 17	4 59	14 7	2 46	22 38	0 13	18 36	1 9	22 6	0 6	11 39	1 8	17 43	0 39	1 26	0 54	18 38	0 14	6 2	5 31	2 7	16 18	2 6
S 19	20 37	18 14	4 34	13 54	3 2	22 34	0 10	18 25	1 9	22 7	0 6	11 40	1 8	17 44	0 39	1 26	0 54	18 38	0 14	6 5	5 32	2 8	16 18	2 6
M20	20 26	17 12	3 55	13 43	3 17	22 30	0 8	18 14	1 9	22 8	0 6	11 41	1 8	17 45	0 39	1 26	0 54	18 37	0 14	6 8	5 33	2 10	16 18	2 7
T 21	20 14	15 17	3 4	13 33	3 32	22 25	0 5	18 4	1 9	22 9	0 5	11 42	1 8	17 45	0 39	1 27	0 54	18 37	0 14	6 11	5 35	2 12	16 19	2 7
W22	20 2	12 40	2 6	13 25	3 46	22 19	0 3	17 53	1 9	22 10	0 5	11 44	1 8	17 46	0 39	1 27	0 54	18 37	0 14	6 12	5 36	2 14	16 19	2 7
T 23	19 50	9 31	1 2	13 19	4 0	22 13	0 0	17 42	1 9	22 11	0 5	11 45	1 8	17 47	0 39	1 27	0 54	18 36	0 14	6 13	5 37	2 16	16 19	2 7
F 24	19 38	6 2	0s 4	13 14	4 12	22 6	0n 2	17 30	1 9	22 12	0 5	11 46	1 9	17 47	0 39	1 28	0 54	18 36	0 14	6 14	5 38	2 18	16 20	2 7
S 25	19 25	2 21	1 8	13 11	4 23	21 58	0 5	17 19	1 9	22 13	0 5	11 48	1 9	17 48	0 39	1 28	0 54	18 36	0 14	6 13	5 40	2 20	16 20	2 7
S 26	19 12	1n23	2 9	13 10	4 34	21 50	0 7	17 8	1 9	22 14	0 5	11 49	1 9	17 49	0 39	1 28	0 54	18 35	0 14	6 13	5 41	2 21	16 20	2 8
M27	18 58	5 3	3 5	13 11	4 43	21 41	0 10	16 56	1 9	22 15	0 5	11 51	1 9	17 49	0 39	1 29	0 54	18 35	0 14	6 12	5 42	2 23	16 20	2 8
T 28	18 45	8 32	3 52	13 13	4 50	21 32	0 12	16 45	1 9	22 16	0 4	11 52	1 9	17 50	0 39	1 29	0 54	18 35	0 14	6 12	5 43	2 25	16 21	2 8
W29	18 31	11 42	4 31	13 17	4 56	21 22	0 14	16 33	1 9	22 17	0 4	11 54	1 9	17 51	0 39	1 29	0 54	18 34	0 14	6 12	5 44	2 27	16 21	2 8
T 30	18 16	14 25	4 57	13 23	5 0	21 11	0 17	16 21	1 9	22 18	0 4	11 55	1 9	17 51	0 39	1 30	0 54	18 34	0 14	6 13	5 46	2 29	16 21	2 8
F 31	18n 1	16n32	5s11	13n29	5s 3	21n 0	0n19	16n 9	1n 9	22s19	0n 4	11s57	1s 9	17s52	0s39	1s30	0s54	18n34	0s14	6n14	5n47	2n31	16n21	2s 9

Julian Day Number = 2879059.5, Delta T = 01h14m55s
Ecliptic obliquity = 23°17'07, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°07'56, Lahiri = 40°14'56

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ASTRODIENST EPHEMERIS for the year 3170
geocentric

AUGUST 3170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 38 34	9♌26'28	21♊47	6°R28	27♋56	19♌33	15°R31	1°R28	11°R22	28°R17	5♌30	14°R 0	15♍11	11♈54	23♉ 7	S 1
S 2	20 42 31	10°23'45	5♋ 0	5♌52	29° 9	20°11	15♏24	1♓24	11♒20	28♓16	5°31	13♍55	15° 8	12° 1	23° 9	S 2
M 3	20 46 28	11°21'03	18°36	5°19	0♌23	20°50	15°18	1°20	11°17	28°15	5°33	13°49	15° 5	12° 8	23°10	M 3
T 4	20 50 24	12°18'21	2♌33	4°49	1°37	21°28	15°12	1°16	11°15	28°14	5°34	13°45	15° 1	12°14	23°11	T 4
W 5	20 54 21	13°15'39	16°48	4°22	2°50	22° 7	15° 6	1°12	11°12	28°13	5°36	13°42	14°58	12°21	23°12	W 5
T 6	20 58 17	14°12'58	1♍16	4° 0	4° 4	22°45	15° 0	1° 8	11°10	28°12	5°37	13°40	14°55	12°28	23°14	T 6
F 7	21 2 14	15°10'17	15°51	3°41	5°17	23°24	14°54	1° 3	11° 7	28°11	5°39	13°D39	14°52	12°34	23°15	F 7
S 8	21 6 10	16° 7'36	0♎27	3°28	6°31	24° 2	14°48	0°59	11° 5	28°10	5°41	13°40	14°49	12°41	23°16	S 8
S 9	21 10 7	17° 4'56	14°58	3°19	7°45	24°41	14°43	0°55	11° 3	28° 9	5°42	13°41	14°46	12°48	23°17	S 9
M10	21 14 3	18° 2'15	29°22	3°D16	8°58	25°19	14°38	0°51	11° 0	28° 8	5°44	13°43	14°42	12°54	23°18	M10
T 11	21 18 0	18°59'35	13♏33	3°19	10°12	25°58	14°32	0°46	10°58	28° 7	5°45	13°R43	14°39	13° 1	23°19	T 11
W12	21 21 57	19°56'55	27°32	3°27	11°26	26°36	14°27	0°42	10°55	28° 5	5°47	13°43	14°36	13° 8	23°19	W12
T 13	21 25 53	20°54'15	11♐17	3°42	12°40	27°15	14°22	0°38	10°53	28° 4	5°48	13°42	14°33	13°14	23°20	T 13
F 14	21 29 50	21°51'36	24°47	4° 2	13°53	27°53	14°18	0°33	10°51	28° 3	5°50	13°40	14°30	13°21	23°21	F 14
S 15	21 33 46	22°48'57	8♑ 3	4°28	15° 7	28°32	14°13	0°29	10°48	28° 2	5°51	13°37	14°27	13°28	23°22	S 15
S 16	21 37 43	23°46'18	21° 5	5° 0	16°21	29°10	14° 9	0°25	10°46	28° 0	5°53	13°34	14°23	13°34	23°22	S 16
M17	21 41 39	24°43'40	3♒53	5°39	17°35	29°48	14° 4	0°20	10°44	27°59	5°54	13°32	14°20	13°41	23°23	M17
T 18	21 45 36	25°41'02	16°27	6°23	18°49	0♍27	14° 0	0°16	10°41	27°58	5°56	13°29	14°17	13°48	23°23	T 18
W19	21 49 32	26°38'26	28°49	7°13	20° 2	1° 5	13°56	0°11	10°39	27°57	5°57	13°28	14°14	13°54	23°24	W19
T 20	21 53 29	27°35'49	11♓ 0	8° 9	21°16	1°43	13°52	0° 7	10°37	27°55	5°59	13°D27	14°11	14° 1	23°24	T 20
F 21	21 57 26	28°33'14	23° 1	9°11	22°30	2°22	13°49	0° 2	10°35	27°54	6° 0	13°28	14° 7	14° 8	23°25	F 21
S 22	22 1 22	29°30'40	4♈55	10°18	23°44	3° 0	13°45	29♒58	10°32	27°52	6° 2	13°28	14° 4	14°14	23°25	S 22
S 23	22 5 19	0♍28'06	16°45	11°31	24°58	3°38	13°42	29°53	10°30	27°51	6° 3	13°30	14° 1	14°21	23°25	S 23
M24	22 9 15	1°25'34	28°34	12°49	26°12	4°17	13°39	29°49	10°28	27°50	6° 5	13°31	13°58	14°28	23°25	M24
T 25	22 13 12	2°23'02	10♉26	14°12	27°26	4°55	13°36	29°45	10°26	27°48	6° 6	13°32	13°55	14°34	23°25	T 25
W26	22 17 8	3°20'32	22°25	15°41	28°40	5°33	13°33	29°40	10°24	27°47	6° 7	13°32	13°52	14°41	23°25	W26
T 27	22 21 5	4°18'03	4♊37	17°13	29°54	6°12	13°31	29°36	10°21	27°45	6° 9	13°R33	13°48	14°48	23°R26	T 27
F 28	22 25 1	5°15'36	17° 5	18°50	1♍ 8	6°50	13°28	29°31	10°19	27°44	6°10	13°32	13°45	14°54	23°25	F 28
S 29	22 28 58	6°13'10	29°53	20°32	2°22	7°28	13°26	29°27	10°17	27°42	6°12	13°32	13°42	15° 1	23°25	S 29
S 30	22 32 55	7°10'45	13♋ 5	22°16	3°36	8° 7	13°24	29°22	10°15	27°41	6°13	13°31	13°39	15° 8	23°25	S 30
M31	22 36 51	8♍ 8'21	26♋43	24♌ 5	4♍50	8♍45	13♏22	29♒18	10♒13	27♓39	6♌14	13♍31	13♍36	15♈14	23♉25	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n47	17n54	5s 9	13n37	5s 4	20n48	0n22	15n57	1n 9	22s20	0n 4	11s58	1s10	17s53	0s39	1s30	0s54	18n33	0s14	6n15	5n48	2n32	16n21	2s 9
S 2	17 31	18 20	4 51	13 47	5 3	20 35	0 24	15 45	1 9	22 20	0 4	12 0	1 10	17 53	0 39	1 31	0 54	18 33	0 13	6 17	5 49	2 34	16 21	2 9
M 3	17 16	17 46	4 17	13 57	5 1	20 22	0 26	15 33	1 9	22 21	0 4	12 1	1 10	17 54	0 39	1 31	0 54	18 33	0 13	6 19	5 51	2 36	16 22	2 9
T 4	17 0	16 7	3 26	14 8	4 57	20 8	0 29	15 21	1 9	22 22	0 4	12 3	1 10	17 55	0 39	1 32	0 54	18 32	0 13	6 21	5 52	2 38	16 22	2 9
W 5	16 44	13 26	2 22	14 19	4 51	19 54	0 31	15 8	1 9	22 23	0 3	12 4	1 10	17 55	0 39	1 32	0 54	18 32	0 13	6 22	5 53	2 40	16 22	2 10
T 6	16 28	9 54	1 7	14 31	4 44	19 39	0 33	14 56	1 9	22 24	0 3	12 6	1 10	17 56	0 39	1 32	0 54	18 32	0 13	6 23	5 54	2 42	16 22	2 10
F 7	16 11	5 44	0n12	14 44	4 36	19 24	0 35	14 43	1 9	22 24	0 3	12 7	1 10	17 57	0 39	1 33	0 54	18 31	0 13	6 23	5 55	2 44	16 22	2 10
S 8	15 54	1 13	1 31	14 56	4 26	19 8	0 37	14 30	1 9	22 25	0 3	12 9	1 10	17 57	0 39	1 33	0 54	18 31	0 13	6 23	5 57	2 45	16 22	2 10
S 9	15 37	3s20	2 44	15 9	4 15	18 51	0 40	14 18	1 9	22 26	0 3	12 11	1 11	17 58	0 39	1 34	0 54	18 31	0 13	6 23	5 58	2 47	16 22	2 10
M10	15 20	7 39	3 45	15 21	4 3	18 34	0 42	14 5	1 9	22 27	0 3	12 12	1 11	17 59	0 39	1 34	0 54	18 31	0 13	6 22	5 59	2 49	16 22	2 10
T 11	15 2	11 28	4 32	15 33	3 51	18 17	0 44	13 52	1 9	22 27	0 3	12 14	1 11	17 59	0 39	1 35	0 54	18 30	0 13	6 22	6 0	2 51	16 22	2 11
W12	14 44	14 34	5 2	15 44	3 37	17 58	0 46	13 39	1 9	22 28	0 2	12 16	1 11	18 0	0 39	1 35	0 54	18 30	0 13	6 22	6 2	2 53	16 22	2 11
T 13	14 26	16 48	5 15	15 55	3 23	17 40	0 48	13 26	1 9	22 29	0 2	12 17	1 11	18 1	0 39	1 36	0 55	18 30	0 13	6 22	6 3	2 55	16 22	2 11
F 14	14 8	18 2	5 9	16 4	3 8	17 21	0 50	13 12	1 9	22 29	0 2	12 19	1 11	18 1	0 39	1 36	0 55	18 29	0 13	6 23	6 4	2 56	16 22	2 11
S 15	13 49	18 16	4 47	16 13	2 53	17 1	0 52	12 59	1 9	22 30	0 2	12 20	1 11	18 2	0 39	1 37	0 55	18 29	0 13	6 24	6 5	2 58	16 22	2 11
S 16	13 31	17 31	4 10	16 21	2 37	16 41	0 53	12 46	1 9	22 30	0 2	12 22	1 11	18 3	0 39	1 37	0 55	18 29	0 13	6 25	6 6	3 0	16 22	2 12
M17	13 12	15 53	3 22	16 27	2 22	16 21	0 55	12 32	1 9	22 31	0 2	12 24	1 11	18 3	0 39	1 38	0 55	18 28	0 13	6 26	6 8	3 2	16 22	2 12
T 18	12 53	13 31	2 24	16 32	2 6	16 0	0 57	12 19	1 8	22 32	0 2	12 25	1 11	18 4	0 39	1 38	0 55	18 28	0 12	6 27	6 9	3 4	16 22	2 12
W19	12 33	10 33	1 20	16 35	1 50	15 38	0 59	12 5	1 8	22 32	0 2	12 27	1 11	18 4	0 39	1 39	0 55	18 28	0 12	6 28	6 10	3 6	16 22	2 12
T 20	12 14	7 11	0 14	16 36	1 34	15 17	1 1	11 51	1 8	22 33	0 1	12 29	1 12	18 5	0 39	1 40	0 55	18 27	0 12	6 28	6 11	3 8	16 22	2 12
F 21	11 54	3 34	0s53	16 35	1 18	14 54	1 2	11 38	1 8	22 33	0 1	12 30	1 12	18 6	0 39	1 40	0 55	18 27	0 12	6 28	6 12	3 9	16 22	2 13
S 22	11 34	0n10	1 56	16 32	1 3	14 32	1 4	11 24	1 8	22 34	0 1	12 32	1 12	18 6	0 39	1 41	0 55	18 27	0 12	6 27	6 14	3 11	16 22	2 13
S 23	11 14	3 51	2 54	16 27	0 48	14 9	1 5	11 10	1 8	22 34	0 1	12 34	1 12	18 7	0 39	1 41	0 55	18 27	0 12	6 27	6 15	3 13	16 22	2 13
M24	10 54	7 23	3 45	16 20	0 33	13 45	1 7	10 56	1 8	22 35	0 1	12 35	1 12	18 7	0 39	1 42	0 55	18 26	0 12	6 26	6 16	3 15	16 21	2 13
T 25	10 34	10 38	4 26	16 10	0 19	13 21	1 8	10 42	1 8	22 35	0 1	12 37	1 12	18 8	0 39	1 42	0 55	18 26	0 12	6 26	6 17	3 17	16 21	2 13
W26	10 13	13 29	4 56	15 57	0 5	12 57	1 10	10 28	1 8	22 35	0 1	12 38	1 12	18 9	0 39	1 43	0 55	18 26	0 12	6 26	6 19	3 19	16 21	2 14
T 27	9 52	15 47	5 14	15 42	0n 8	12 33	1 11	10 14	1 8	22 36	0 1	12 40	1 12	18 9	0 39	1 44	0 55	18 25	0 12	6 26	6 20	3 21	16 21	2 14
F 28	9 31	17 24	5 17	15 24	0 21	12 8	1 12	10 0	1 8	22 36	0 0	12 42	1 12	18 10	0 39	1 44	0 55	18 25	0 12	6 26	6 21	3 22	16 21	2 14
S 29	9 10	18 12	5 5	15 4	0 32	11 43	1 13	9 46	1 8	22 36	0 0	12 43	1 12	18 10	0 39	1 45	0 55	18 25	0 12	6 26	6 22	3 24	16 20	2 14
S 30	8 49	18 4	4 36	14 41	0 43	11 17	1 15	9 31	1 8	22 37	0 0	12 45	1 12	18 11	0 39	1 45	0 55	18 24	0 12	6 26	6 23	3 26	16 20	2 14
M31	8n28	16n53	3s52	14n15	0n53	10n51	1n16	9n17	1n 8	22s37	0n 0	12s46	1s12	18s11	0s39	1s46	0s55	18n24	0s12	6n27	6n25	3n28	16n20	2s15

Julian Day Number = 2879090.5, Delta T = 01h14m55s
Ecliptic obliquity = 23°17'07, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°08'00, Lahiri = 40°15'00

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ASTRODIENST EPHEMERIS for the year 3170
geocentric

SEPTEMBER 3170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 40 48	9♍ 5'59	10♌46	25♌56	6♍ 4	9♍23	13°R21	29°R14	10°R11	27°R38	6♌16	13°R30	13♍33	15♈21	23°R25	T 1
W 2	22 44 44	10° 3'38	25°12	27°49	7°18	10° 1	13♑19	29♒ 9	10♒ 9	27♓36	6°17	13♍30	13°29	15°28	23♉25	W 2
T 3	22 48 41	11° 1'18	9♍57	29°45	8°32	10°40	13°18	29° 5	10° 7	27°35	6°18	13°D30	13°26	15°34	23°24	T 3
F 4	22 52 37	11°58'59	24°52	1♍43	9°47	11°18	13°17	29° 1	10° 5	27°33	6°20	13°30	13°23	15°41	23°24	F 4
S 5	22 56 34	12°56'41	9♎52	3°42	11° 1	11°56	13°16	28°56	10° 3	27°32	6°21	13°30	13°20	15°48	23°23	S 5
S 6	23 0 30	13°54'24	24°46	5°42	12°15	12°34	13°15	28°52	10° 1	27°30	6°22	13°R30	13°17	15°54	23°23	S 6
M 7	23 4 27	14°52'09	9♏28	7°42	13°29	13°13	13°15	28°48	9°59	27°28	6°24	13°30	13°13	16° 1	23°22	M 7
T 8	23 8 23	15°49'54	23°54	9°43	14°43	13°51	13°14	28°44	9°58	27°27	6°25	13°30	13°10	16° 8	23°22	T 8
W 9	23 12 20	16°47'41	7♐58	11°44	15°58	14°29	13°D14	28°40	9°56	27°25	6°26	13°29	13° 7	16°14	23°21	W 9
T 10	23 16 17	17°45'28	21°41	13°45	17°12	15° 7	13°14	28°35	9°54	27°24	6°27	13°D29	13° 4	16°21	23°20	T 10
F 11	23 20 13	18°43'17	5♑ 3	15°46	18°26	15°45	13°14	28°31	9°52	27°22	6°29	13°30	13° 1	16°28	23°19	F 11
S 12	23 24 10	19°41'07	18° 5	17°45	19°40	16°24	13°15	28°27	9°51	27°20	6°30	13°30	12°58	16°34	23°19	S 12
S 13	23 28 6	20°38'58	0♒50	19°45	20°55	17° 2	13°15	28°23	9°49	27°19	6°31	13°31	12°54	16°41	23°18	S 13
M14	23 32 3	21°36'49	13°20	21°43	22° 9	17°40	13°16	28°19	9°48	27°17	6°32	13°31	12°51	16°48	23°17	M14
T 15	23 35 59	22°34'43	25°37	23°40	23°23	18°18	13°17	28°16	9°46	27°15	6°33	13°32	12°48	16°54	23°16	T 15
W16	23 39 56	23°32'37	7♓45	25°36	24°38	18°56	13°18	28°12	9°44	27°14	6°35	13°R32	12°45	17° 1	23°15	W16
T 17	23 43 52	24°30'33	19°45	27°32	25°52	19°34	13°20	28° 8	9°43	27°12	6°36	13°32	12°42	17° 8	23°14	T 17
F 18	23 47 49	25°28'30	1♈39	29°26	27° 6	20°13	13°21	28° 4	9°41	27°10	6°37	13°32	12°38	17°14	23°12	F 18
S 19	23 51 46	26°26'29	13°29	1♎18	28°21	20°51	13°23	28° 1	9°40	27° 9	6°38	13°31	12°35	17°21	23°11	S 19
S 20	23 55 42	27°24'30	25°18	3°10	29°35	21°29	13°25	27°57	9°39	27° 7	6°39	13°29	12°32	17°28	23°10	S 20
M21	23 59 39	28°22'32	7♉ 8	5° 0	0♎49	22° 7	13°27	27°54	9°37	27° 5	6°40	13°27	12°29	17°34	23° 9	M21
T 22	0 3 35	29°20'36	19° 2	6°50	2° 4	22°45	13°29	27°50	9°36	27° 4	6°41	13°24	12°26	17°41	23° 7	T 22
W23	0 7 32	0♎18'42	1♊ 3	8°38	3°18	23°23	13°31	27°47	9°35	27° 2	6°42	13°22	12°23	17°48	23° 6	W23
T 24	0 11 28	1°16'50	13°14	10°24	4°32	24° 1	13°34	27°43	9°34	27° 1	6°43	13°21	12°19	17°54	23° 4	T 24
F 25	0 15 25	2°14'59	25°40	12°10	5°47	24°40	13°37	27°40	9°32	26°59	6°44	13°20	12°16	18° 1	23° 3	F 25
S 26	0 19 21	3°13'11	8♋24	13°54	7° 1	25°18	13°40	27°37	9°31	26°57	6°45	13°D20	12°13	18° 8	23° 1	S 26
S 27	0 23 18	4°11'24	21°30	15°37	8°16	25°56	13°43	27°34	9°30	26°56	6°46	13°20	12°10	18°14	23° 0	S 27
M28	0 27 15	5° 9'40	5♌ 0	17°19	9°30	26°34	13°46	27°31	9°29	26°54	6°47	13°22	12° 7	18°21	22°58	M28
T 29	0 31 11	6° 7'57	18°58	19° 0	10°45	27°12	13°50	27°28	9°28	26°52	6°48	13°23	12° 4	18°28	22°56	T 29
W30	0 35 8	7♎ 6'17	3♍22	20♎40	11♎59	27♍50	13♑54	27♒25	9♒27	26♓51	6♌49	13♍24	12♍ 0	18♈34	22♉55	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n 6	14n40	2s52	13n47	1n 2	10n25	1n17	9n 3	1n 7	22s37	0s 0	12s48	1s12	18s12	0s39	1s47	0s55	18n24	0s12	6n27	6n26	3n30	16n20	2s15
W 2	7 45	11 28	1 40	13 16	1 11	9 59	1 18	8 48	1 7	22 38	0 0	12 50	1 12	18 12	0 39	1 47	0 55	18 24	0 12	6 27	6 27	3 32	16 19	2 15
T 3	7 23	7 29	0 20	12 42	1 18	9 32	1 19	8 34	1 7	22 38	0 0	12 51	1 13	18 13	0 39	1 48	0 55	18 23	0 12	6 27	6 28	3 33	16 19	2 15
F 4	7 1	2 59	1n 3	12 7	1 25	9 5	1 20	8 19	1 7	22 38	0 0	12 53	1 13	18 13	0 39	1 49	0 55	18 23	0 12	6 27	6 29	3 35	16 19	2 15
S 5	6 39	1s43	2 21	11 30	1 30	8 38	1 20	8 5	1 7	22 38	0 1	12 54	1 13	18 14	0 39	1 49	0 55	18 23	0 11	6 27	6 31	3 37	16 19	2 16
S 6	6 17	6 16	3 30	10 50	1 35	8 10	1 21	7 50	1 7	22 39	0 1	12 56	1 13	18 14	0 39	1 50	0 55	18 23	0 11	6 27	6 32	3 39	16 18	2 16
M 7	5 55	10 23	4 24	10 9	1 39	7 43	1 22	7 35	1 7	22 39	0 1	12 57	1 13	18 15	0 39	1 51	0 55	18 22	0 11	6 27	6 33	3 41	16 18	2 16
T 8	5 33	13 47	4 59	9 27	1 42	7 15	1 22	7 21	1 7	22 39	0 1	12 59	1 13	18 15	0 39	1 51	0 55	18 22	0 11	6 27	6 34	3 43	16 18	2 16
W 9	5 11	16 18	5 16	8 43	1 44	6 47	1 23	7 6	1 7	22 39	0 1	13 0	1 13	18 16	0 39	1 52	0 55	18 22	0 11	6 27	6 36	3 45	16 17	2 16
T 10	4 49	17 48	5 14	7 58	1 45	6 18	1 23	6 51	1 7	22 39	0 1	13 2	1 13	18 16	0 38	1 52	0 55	18 22	0 11	6 27	6 37	3 46	16 17	2 17
F 11	4 26	18 16	4 56	7 12	1 45	5 50	1 24	6 36	1 6	22 39	0 1	13 3	1 13	18 17	0 38	1 53	0 55	18 21	0 11	6 27	6 38	3 48	16 16	2 17
S 12	4 4	17 45	4 22	6 25	1 45	5 21	1 24	6 21	1 6	22 39	0 1	13 5	1 13	18 17	0 38	1 54	0 55	18 21	0 11	6 27	6 39	3 50	16 16	2 17
S 13	3 41	16 20	3 36	5 38	1 44	4 53	1 25	6 6	1 6	22 39	0 1	13 6	1 13	18 18	0 38	1 54	0 55	18 21	0 11	6 27	6 40	3 52	16 16	2 17
M14	3 18	14 9	2 40	4 50	1 43	4 24	1 25	5 52	1 6	22 39	0 2	13 7	1 13	18 18	0 38	1 55	0 55	18 21	0 11	6 26	6 42	3 54	16 15	2 17
T 15	2 56	11 22	1 38	4 2	1 41	3 55	1 25	5 37	1 6	22 39	0 2	13 9	1 13	18 18	0 38	1 56	0 55	18 20	0 11	6 26	6 43	3 56	16 15	2 18
W16	2 33	8 7	0 32	3 14	1 38	3 25	1 25	5 22	1 6	22 39	0 2	13 10	1 13	18 19	0 38	1 56	0 55	18 20	0 11	6 26	6 44	3 57	16 14	2 18
T 17	2 10	4 34	0s34	2 26	1 35	2 56	1 25	5 7	1 6	22 39	0 2	13 11	1 13	18 19	0 38	1 57	0 55	18 20	0 11	6 26	6 45	3 59	16 14	2 18
F 18	1 47	0 52	1 39	1 37	1 31	2 27	1 25	4 52	1 6	22 39	0 2	13 13	1 13	18 20	0 38	1 58	0 55	18 20	0 11	6 26	6 46	4 1	16 13	2 18
S 19	1 24	2n51	2 38	0 49	1 27	1 57	1 25	4 37	1 5	22 39	0 2	13 14	1 13	18 20	0 38	1 58	0 55	18 19	0 11	6 27	6 48	4 3	16 13	2 18
S 20	1 1	6 27	3 31	0 1	1 22	1 28	1 25	4 21	1 5	22 39	0 2	13 15	1 13	18 20	0 38	1 59	0 55	18 19	0 11	6 27	6 49	4 5	16 12	2 19
M21	0 39	9 47	4 15	0s47	1 17	0 58	1 25	4 6	1 5	22 39	0 2	13 16	1 13	18 21	0 38	2 0	0 55	18 19	0 11	6 28	6 50	4 7	16 12	2 19
T 22	0 16	12 45	4 48	1 35	1 12	0 29	1 24	3 51	1 5	22 39	0 2	13 18	1 13	18 21	0 38	2 0	0 55	18 19	0 10	6 29	6 51	4 9	16 11	2 19
W23	0s 7	15 12	5 9	2 23	1 7	0s 1	1 24	3 36	1 5	22 39	0 3	13 19	1 13	18 21	0 38	2 1	0 55	18 19	0 10	6 30	6 52	4 10	16 11	2 19
T 24	0 30	17 1	5 16	3 10	1 1	0 31	1 24	3 21	1 5	22 39	0 3	13 20	1 13	18 22	0 38	2 2	0 55	18 18	0 10	6 30	6 54	4 12	16 10	2 19
F 25	0 53	18 4	5 9	3 56	0 55	1 1	1 23	3 6	1 4	22 38	0 3	13 21	1 13	18 22	0 38	2 2	0 55	18 18	0 10	6 31	6 55	4 14	16 10	2 20
S 26	1 16	18 16	4 46	4 42	0 48	1 30	1 22	2 51	1 4	22 38	0 3	13 22	1 13	18 22	0 38	2 3	0 55	18 18	0 10	6 31	6 56	4 16	16 9	2 20
S 27	1 39	17 29	4 9	5 28	0 42	2 0	1 22	2 35	1 4	22 38	0 3	13 23	1 13	18 22	0 38	2 4	0 55	18 18	0 10	6 30	6 57	4 18	16 9	2 20
M28	2 2	15 43	3 16	6 13	0 35	2 30	1 21	2 20	1 4	22 38	0 3	13 24	1 13	18 23	0 38	2 4	0 55	18 18	0 10	6 30	6 58	4 20	16 8	2 20
T 29	2 25	12 58	2 11	6 58	0 28	2 59	1 20	2 5	1 4	22 38	0 3	13 25	1 13	18 23	0 38	2 5	0 55	18 18	0 10	6 29	7 0	4 21	16 8	2 20
W30	2s48	9n21	0s55	7s41	0n21	3s29	1n20	1n50	1n 4	22s37	0s 3	13s26	1s13	18s23	0s38	2s 6	0s55	18n17	0s10	6n29	7n 1	4n23	16n 7	2s20

Julian Day Number = 2879121.5, Delta T = 01h14m56s
Ecliptic obliquity = 23°17'08, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°08'04, Lahiri = 40°15'05

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ASTRODIENST EPHEMERIS for the year 3170
geocentric

OCTOBER 3170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 39 4	8♎ 4'38	18♍ 9	22♎18	13♎14	28♍29	13♑57	27°R22	9°R26	26°R49	6♌50	13°R24	11♍57	18♈41	22°R53	T 1
F 2	0 43 1	9° 3'01	3♎13	23°56	14°28	29° 7	14° 2	27♒19	9♒26	26♓48	6°50	13♍23	11°54	18°48	22♉51	F 2
S 3	0 46 57	10° 1'26	18°26	25°32	15°43	29°45	14° 6	27°16	9°25	26°46	6°51	13°21	11°51	18°54	22°49	S 3
S 4	0 50 54	10°59'53	3♏38	27° 8	16°57	0♎23	14°10	27°14	9°24	26°44	6°52	13°18	11°48	19° 1	22°47	S 4
M 5	0 54 50	11°58'21	18°39	28°42	18°12	1° 1	14°15	27°11	9°23	26°43	6°53	13°14	11°44	19° 8	22°45	M 5
T 6	0 58 47	12°56'51	3♐20	0♏15	19°26	1°39	14°19	27° 9	9°23	26°41	6°54	13°10	11°41	19°14	22°43	T 6
W 7	1 2 43	13°55'23	17°36	1°47	20°41	2°17	14°24	27° 6	9°22	26°40	6°54	13° 6	11°38	19°21	22°41	W 7
T 8	1 6 40	14°53'56	1♑26	3°18	21°55	2°56	14°29	27° 4	9°21	26°38	6°55	13° 4	11°35	19°28	22°39	T 8
F 9	1 10 37	15°52'31	14°48	4°48	23°10	3°34	14°35	27° 2	9°21	26°37	6°56	13°D 3	11°32	19°34	22°37	F 9
S 10	1 14 33	16°51'07	27°46	6°17	24°25	4°12	14°40	27° 0	9°20	26°35	6°57	13° 4	11°29	19°41	22°35	S 10
S 11	1 18 30	17°49'45	10♒22	7°45	25°39	4°50	14°46	26°58	9°20	26°34	6°57	13° 5	11°25	19°48	22°33	S 11
M12	1 22 26	18°48'25	22°42	9°12	26°54	5°28	14°51	26°56	9°20	26°32	6°58	13° 7	11°22	19°54	22°31	M12
T 13	1 26 23	19°47'06	4♓49	10°38	28° 8	6° 6	14°57	26°54	9°19	26°31	6°58	13° 8	11°19	20° 1	22°28	T 13
W14	1 30 19	20°45'49	16°46	12° 3	29°23	6°45	15° 3	26°52	9°19	26°29	6°59	13°R 9	11°16	20° 8	22°26	W14
T 15	1 34 16	21°44'33	28°39	13°27	0♏37	7°23	15° 9	26°51	9°19	26°28	7° 0	13° 7	11°13	20°14	22°24	T 15
F 16	1 38 12	22°43'20	10♈28	14°49	1°52	8° 1	15°16	26°49	9°19	26°26	7° 0	13° 4	11°10	20°21	22°21	F 16
S 17	1 42 9	23°42'08	22°18	16°11	3° 7	8°39	15°22	26°48	9°19	26°25	7° 1	12°59	11° 6	20°28	22°19	S 17
S 18	1 46 6	24°40'59	4♉ 9	17°31	4°21	9°17	15°29	26°46	9°18	26°23	7° 1	12°52	11° 3	20°34	22°17	S 18
M19	1 50 2	25°39'51	16° 3	18°50	5°36	9°55	15°36	26°45	9°D18	26°22	7° 2	12°44	11° 0	20°41	22°14	M19
T 20	1 53 59	26°38'45	28° 3	20° 8	6°50	10°33	15°42	26°44	9°19	26°21	7° 2	12°36	10°57	20°48	22°12	T 20
W21	1 57 55	27°37'42	10♊ 9	21°24	8° 5	11°12	15°50	26°43	9°19	26°19	7° 3	12°28	10°54	20°54	22° 9	W21
T 22	2 1 52	28°36'40	22°25	22°39	9°19	11°50	15°57	26°42	9°19	26°18	7° 3	12°21	10°50	21° 1	22° 7	T 22
F 23	2 5 48	29°35'41	4♋53	23°52	10°34	12°28	16° 4	26°41	9°19	26°17	7° 3	12°16	10°47	21° 8	22° 4	F 23
S 24	2 9 45	0♏34'44	17°35	25° 4	11°49	13° 6	16°12	26°40	9°19	26°15	7° 4	12°13	10°44	21°14	22° 2	S 24
S 25	2 13 41	1°33'50	0♌36	26°14	13° 3	13°44	16°19	26°40	9°19	26°14	7° 4	12°D12	10°41	21°21	21°59	S 25
M26	2 17 38	2°32'57	13°58	27°22	14°18	14°23	16°27	26°39	9°20	26°13	7° 4	12°13	10°38	21°28	21°56	M26
T 27	2 21 35	3°32'07	27°44	28°28	15°33	15° 1	16°35	26°39	9°20	26°12	7° 5	12°14	10°35	21°35	21°54	T 27
W28	2 25 31	4°31'19	11♍55	29°32	16°47	15°39	16°43	26°38	9°21	26°10	7° 5	12°R15	10°31	21°41	21°51	W28
T 29	2 29 28	5°30'34	26°31	0♐33	18° 2	16°17	16°51	26°38	9°21	26° 9	7° 5	12°14	10°28	21°48	21°48	T 29
F 30	2 33 24	6°29'50	11♎28	1°32	19°16	16°55	17° 0	26°38	9°22	26° 8	7° 5	12°11	10°25	21°55	21°46	F 30
S 31	2 37 21	7♏29'09	26♎38	2♐28	20♏31	17♎34	17♑ 8	26°D38	9♒22	26♓ 7	7♌ 6	12♍ 5	10♍22	22♈ 1	21♉43	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s11	5n 3	0n26	8s25	0n14	3s59	1n19	1n34	1n 4	22s37	0s 3	13s27	1s13	18s23	0s38	2s 6	0s55	18n17	0s10	6n29	7n 2	4n25	16n 6	2s21
F 2	3 34	0 22	1 47	9 7	0 7	4 28	1 18	1 19	1 3	22 37	0 4	13 28	1 13	18 24	0 38	2 7	0 55	18 17	0 10	6 29	7 3	4 27	16 6	2 21
S 3	3 57	4s23	3 1	9 49	0s 1	4 58	1 17	1 4	1 3	22 36	0 4	13 29	1 13	18 24	0 38	2 7	0 55	18 17	0 10	6 30	7 4	4 29	16 5	2 21
S 4	4 20	8 51	4 2	10 31	0 8	5 27	1 16	0 49	1 3	22 36	0 4	13 30	1 13	18 24	0 38	2 8	0 55	18 17	0 10	6 32	7 6	4 31	16 4	2 21
M 5	4 42	12 41	4 45	11 11	0 16	5 56	1 15	0 34	1 3	22 36	0 4	13 31	1 13	18 24	0 38	2 9	0 55	18 17	0 10	6 33	7 7	4 33	16 4	2 21
T 6	5 5	15 38	5 9	11 51	0 23	6 25	1 14	0 18	1 3	22 35	0 4	13 32	1 13	18 24	0 38	2 9	0 55	18 16	0 10	6 35	7 8	4 34	16 3	2 21
W 7	5 27	17 32	5 12	12 30	0 31	6 54	1 12	0 3	1 2	22 35	0 4	13 32	1 13	18 24	0 38	2 10	0 55	18 16	0 10	6 36	7 9	4 36	16 2	2 22
T 8	5 50	18 19	4 57	13 8	0 38	7 23	1 11	0s12	1 2	22 34	0 4	13 33	1 13	18 24	0 38	2 11	0 55	18 16	0 10	6 37	7 10	4 38	16 2	2 22
F 9	6 12	18 3	4 27	13 46	0 46	7 52	1 10	0 27	1 2	22 34	0 4	13 34	1 13	18 25	0 38	2 11	0 55	18 16	0 9	6 37	7 12	4 40	16 1	2 22
S 10	6 35	16 50	3 43	14 22	0 54	8 20	1 8	0 43	1 2	22 33	0 4	13 35	1 13	18 25	0 38	2 12	0 55	18 16	0 9	6 37	7 13	4 42	16 0	2 22
S 11	6 57	14 48	2 50	14 58	1 1	8 49	1 7	0 58	1 2	22 33	0 4	13 35	1 13	18 25	0 38	2 12	0 55	18 16	0 9	6 36	7 14	4 44	16 0	2 22
M12	7 19	12 8	1 49	15 33	1 9	9 17	1 6	1 13	1 1	22 32	0 4	13 36	1 13	18 25	0 38	2 13	0 55	18 16	0 9	6 36	7 15	4 45	15 59	2 22
T 13	7 41	8 59	0 45	16 8	1 16	9 45	1 4	1 28	1 1	22 32	0 5	13 36	1 13	18 25	0 38	2 14	0 55	18 16	0 9	6 35	7 16	4 47	15 58	2 23
W14	8 3	5 30	0s20	16 41	1 24	10 13	1 2	1 43	1 1	22 31	0 5	13 37	1 13	18 25	0 38	2 14	0 55	18 16	0 9	6 35	7 18	4 49	15 58	2 23
T 15	8 25	1 49	1 23	17 13	1 31	10 40	1 1	1 59	1 1	22 31	0 5	13 37	1 13	18 25	0 38	2 15	0 55	18 15	0 9	6 35	7 19	4 51	15 57	2 23
F 16	8 47	1n55	2 23	17 45	1 38	11 7	0 59	2 14	1 1	22 30	0 5	13 38	1 13	18 25	0 38	2 15	0 55	18 15	0 9	6 37	7 20	4 53	15 56	2 23
S 17	9 9	5 35	3 16	18 15	1 45	11 34	0 57	2 29	1 0	22 29	0 5	13 38	1 13	18 25	0 38	2 16	0 55	18 15	0 9	6 39	7 21	4 55	15 55	2 23
S 18	9 30	9 2	4 1	18 45	1 52	12 1	0 56	2 44	1 0	22 29	0 5	13 39	1 13	18 25	0 38	2 16	0 55	18 15	0 9	6 41	7 22	4 57	15 55	2 23
M19	9 51	12 8	4 36	19 13	1 59	12 27	0 54	2 59	1 0	22 28	0 5	13 39	1 13	18 25	0 38	2 17	0 55	18 15	0 9	6 44	7 24	4 58	15 54	2 23
T 20	10 13	14 45	4 58	19 41	2 6	12 54	0 52	3 14	1 0	22 27	0 5	13 40	1 13	18 25	0 38	2 17	0 55	18 15	0 9	6 47	7 25	5 0	15 53	2 24
W21	10 34	16 45	5 8	20 8	2 12	13 19	0 50	3 29	1 0	22 27	0 5	13 40	1 12	18 25	0 38	2 18	0 55	18 15	0 9	6 50	7 26	5 2	15 52	2 24
T 22	10 55	18 1	5 3	20 33	2 19	13 45	0 48	3 44	0 59	22 26	0 5	13 40	1 12	18 25	0 38	2 18	0 55	18 15	0 9	6 53	7 27	5 4	15 52	2 24
F 23	11 16	18 27	4 45	20 58	2 25	14 10	0 46	3 59	0 59	22 25	0 5	13 41	1 12	18 25	0 38	2 19	0 55	18 15	0 9	6 55	7 28	5 6	15 51	2 24
S 24	11 36	17 59	4 12	21 21	2 31	14 35	0 44	4 14	0 59	22 24	0 6	13 41	1 12	18 25	0 38	2 20	0 55	18 15	0 9	6 56	7 30	5 8	15 50	2 24
S 25	11 57	16 33	3 25	21 43	2 36	15 0	0 42	4 29	0 59	22 23	0 6	13 41	1 12	18 25	0 37	2 20	0 55	18 15	0 9	6 56	7 31	5 9	15 49	2 24
M26	12 17	14 12	2 26	22 4	2 42	15 24	0 40	4 44	0 58	22 22	0 6	13 41	1 12	18 24	0 37	2 20	0 55	18 15	0 9	6 56	7 32	5 11	15 48	2 24
T 27	12 37	10 58	1 17	22 24	2 47	15 47	0 37	4 59	0 58	22 22	0 6	13 41	1 12	18 24	0 37	2 21	0 55	18 15	0 8	6 56	7 33	5 13	15 48	2 25
W28	12 57	7 1	0 2	22 43	2 51	16 11	0 35	5 14	0 58	22 21	0 6	13 41	1 12	18 24	0 37	2 21	0 55	18 15	0 8	6 56	7 34	5 15	15 47	2 25
T 29	13 16	2 32	1n16	23 0	2 56	16 34	0 33	5 29	0 58	22 20	0 6	13 41	1 12	18 24	0 37	2 22	0 55	18 15	0 8	6 56	7 36	5 17	15 46	2 25
F 30	13 36	2s12	2 30	23 16	3 0	16 56	0 31	5 43	0 57	22 19	0 6	13 41	1 12	18 24	0 37	2 22	0 55	18 15	0 8	6 57	7 37	5 19	15 45	2 25
S 31	13s55	6s52	3n35	23s31	3s 3	17s18	0n29	5s58	0n57	22s18	0s 6	13s41	1s12	18s24	0s37	2s23	0s55	18n15	0s 8	6n59	7n38	5n20	15n44	2s25

Julian Day Number = 2879151.5, Delta T = 01h14m56s
Ecliptic obliquity = 23°17'08, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°08'08, Lahiri = 40°15'09

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3170
geocentric

NOVEMBER 3170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 41 17	8♏28'30	11♏52	3♐21	21♏46	18♎12	17♑17	26♒38	9♒23	26°R 6	7♌ 6	11°R58	10♍19	22♈ 8	21°R40	S 1
M 2	2 45 14	9°27'52	27° 0	4°11	23° 0	18°50	17°25	26°38	9°24	26♓ 5	7° 6	11♍49	10°15	22°15	21♉37	M 2
T 3	2 49 10	10°27'17	11♐52	4°57	24°15	19°28	17°34	26°38	9°24	26° 4	7° 6	11°40	10°12	22°21	21°35	T 3
W 4	2 53 7	11°26'44	26°19	5°39	25°30	20° 7	17°43	26°38	9°25	26° 2	7° 6	11°32	10° 9	22°28	21°32	W 4
T 5	2 57 3	12°26'12	10♑17	6°16	26°44	20°45	17°52	26°39	9°26	26° 1	7° 6	11°25	10° 6	22°35	21°29	T 5
F 6	3 1 0	13°25'42	23°46	6°49	27°59	21°23	18° 1	26°39	9°27	26° 0	7° 6	11°21	10° 3	22°41	21°26	F 6
S 7	3 4 57	14°25'14	6♒46	7°16	29°14	22° 1	18°11	26°40	9°28	26° 0	7°R 6	11°19	10° 0	22°48	21°23	S 7
S 8	3 8 53	15°24'47	19°23	7°37	0♐28	22°40	18°20	26°41	9°29	25°59	7° 6	11°D19	9°56	22°55	21°21	S 8
M 9	3 12 50	16°24'22	1♓40	7°52	1°43	23°18	18°30	26°41	9°30	25°58	7° 6	11°20	9°53	23° 1	21°18	M 9
T 10	3 16 46	17°23'58	13°42	7°R59	2°58	23°56	18°39	26°42	9°31	25°57	7° 6	11°R20	9°50	23° 8	21°15	T 10
W11	3 20 43	18°23'37	25°36	7°59	4°12	24°34	18°49	26°43	9°32	25°56	7° 6	11°19	9°47	23°15	21°12	W11
T 12	3 24 39	19°23'17	7♈25	7°51	5°27	25°13	18°59	26°44	9°33	25°55	7° 6	11°16	9°44	23°21	21° 9	T 12
F 13	3 28 36	20°22'59	19°13	7°34	6°42	25°51	19° 9	26°46	9°35	25°54	7° 6	11°10	9°41	23°28	21° 6	F 13
S 14	3 32 32	21°22'42	1♉ 4	7° 8	7°56	26°29	19°19	26°47	9°36	25°54	7° 6	11° 1	9°37	23°35	21° 3	S 14
S 15	3 36 29	22°22'28	13° 0	6°33	9°11	27° 7	19°29	26°48	9°37	25°53	7° 5	10°50	9°34	23°41	21° 1	S 15
M16	3 40 26	23°22'15	25° 2	5°49	10°26	27°46	19°40	26°50	9°39	25°52	7° 5	10°37	9°31	23°48	20°58	M16
T 17	3 44 22	24°22'04	7♊12	4°56	11°40	28°24	19°50	26°52	9°40	25°51	7° 5	10°23	9°28	23°55	20°55	T 17
W18	3 48 19	25°21'55	19°30	3°55	12°55	29° 2	20° 1	26°53	9°42	25°51	7° 5	10°10	9°25	24° 1	20°52	W18
T 19	3 52 15	26°21'49	1♋58	2°46	14°10	29°41	20°11	26°55	9°43	25°50	7° 4	9°59	9°21	24° 8	20°49	T 19
F 20	3 56 12	27°21'44	14°36	1°33	15°24	0♏19	20°22	26°57	9°45	25°50	7° 4	9°50	9°18	24°15	20°46	F 20
S 21	4 0 8	28°21'41	27°25	0°16	16°39	0°57	20°33	26°59	9°46	25°49	7° 4	9°43	9°15	24°22	20°44	S 21
S 22	4 4 5	29°21'41	10♌29	28♏58	17°53	1°36	20°44	27° 1	9°48	25°48	7° 3	9°40	9°12	24°28	20°41	S 22
M23	4 8 1	0♐21'42	23°48	27°41	19° 8	2°14	20°55	27° 3	9°50	25°48	7° 3	9°39	9° 9	24°35	20°38	M23
T 24	4 11 58	1°21'46	7♍26	26°27	20°23	2°52	21° 6	27° 6	9°52	25°48	7° 3	9°39	9° 6	24°42	20°35	T 24
W25	4 15 55	2°21'51	21°24	25°20	21°37	3°31	21°17	27° 8	9°53	25°47	7° 2	9°39	9° 2	24°48	20°32	W25
T 26	4 19 51	3°21'59	5♎42	24°20	22°52	4° 9	21°28	27°11	9°55	25°47	7° 2	9°37	8°59	24°55	20°30	T 26
F 27	4 23 48	4°22'08	20°20	23°31	24° 7	4°47	21°40	27°13	9°57	25°46	7° 1	9°33	8°56	25° 2	20°27	F 27
S 28	4 27 44	5°22'20	5♏12	22°52	25°21	5°26	21°51	27°16	9°59	25°46	7° 1	9°25	8°53	25° 8	20°24	S 28
S 29	4 31 41	6°22'34	20°11	22°24	26°36	6° 4	22° 3	27°19	10° 1	25°46	7° 0	9°16	8°50	25°15	20°21	S 29
M30	4 35 37	7♐22'49	5♐ 9	22♏ 8	27♐51	6♏42	22♑14	27♒22	10♒ 3	25♓45	7♌ 0	9♍ 4	8♍47	25♈22	20♉19	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s14	11s 6	4n24	23s44	3s 6	17s40	0n26	6s13	0n57	22s17	0s 6	13s41	1s12	18s23	0s37	2s23	0s55	18n15	0s 8	7n 2	7n39	5n22	15n44	2s25
M 2	14 33	14 34	4 55	23 56	3 8	18 1	0 24	6 27	0 57	22 16	0 6	13 41	1 12	18 23	0 37	2 24	0 55	18 15	0 8	7 5	7 40	5 24	15 43	2 25
T 3	14 52	17 2	5 5	24 6	3 10	18 22	0 21	6 42	0 56	22 15	0 6	13 41	1 12	18 23	0 37	2 24	0 55	18 15	0 8	7 9	7 42	5 26	15 42	2 25
W 4	15 10	18 19	4 55	24 15	3 11	18 42	0 19	6 57	0 56	22 14	0 7	13 41	1 12	18 23	0 37	2 24	0 55	18 15	0 8	7 12	7 43	5 28	15 41	2 25
T 5	15 28	18 27	4 28	24 21	3 11	19 2	0 17	7 11	0 56	22 13	0 7	13 41	1 12	18 23	0 37	2 25	0 55	18 15	0 8	7 14	7 44	5 30	15 40	2 26
F 6	15 46	17 30	3 46	24 27	3 11	19 21	0 14	7 26	0 56	22 11	0 7	13 41	1 12	18 22	0 37	2 25	0 55	18 15	0 8	7 16	7 45	5 31	15 40	2 26
S 7	16 4	15 39	2 54	24 30	3 9	19 40	0 12	7 40	0 55	22 10	0 7	13 40	1 12	18 22	0 37	2 26	0 55	18 15	0 8	7 16	7 46	5 33	15 39	2 26
S 8	16 21	13 6	1 54	24 31	3 7	19 58	0 9	7 54	0 55	22 9	0 7	13 40	1 12	18 22	0 37	2 26	0 55	18 15	0 8	7 16	7 48	5 35	15 38	2 26
M 9	16 38	10 1	0 51	24 30	3 3	20 16	0 7	8 9	0 55	22 8	0 7	13 40	1 12	18 21	0 37	2 26	0 55	18 15	0 8	7 16	7 49	5 37	15 37	2 26
T 10	16 55	6 34	0s13	24 26	2 59	20 33	0 4	8 23	0 54	22 7	0 7	13 39	1 12	18 21	0 37	2 27	0 55	18 15	0 8	7 16	7 50	5 39	15 36	2 26
W11	17 12	2 54	1 15	24 20	2 52	20 49	0 2	8 37	0 54	22 5	0 7	13 39	1 11	18 21	0 37	2 27	0 55	18 15	0 8	7 17	7 51	5 41	15 35	2 26
T 12	17 28	0n52	2 14	24 11	2 45	21 5	0s 1	8 51	0 54	22 4	0 7	13 38	1 11	18 20	0 37	2 27	0 55	18 15	0 8	7 18	7 52	5 42	15 35	2 26
F 13	17 44	4 35	3 7	24 0	2 36	21 21	0 3	9 5	0 54	22 3	0 7	13 38	1 11	18 20	0 37	2 28	0 55	18 16	0 7	7 20	7 54	5 44	15 34	2 26
S 14	17 59	8 8	3 52	23 45	2 25	21 35	0 6	9 19	0 53	22 1	0 7	13 37	1 11	18 20	0 37	2 28	0 55	18 16	0 7	7 23	7 55	5 46	15 33	2 26
S 15	18 15	11 24	4 27	23 27	2 13	21 49	0 8	9 33	0 53	22 0	0 7	13 37	1 11	18 19	0 37	2 28	0 55	18 16	0 7	7 28	7 56	5 48	15 32	2 26
M16	18 30	14 12	4 50	23 5	1 59	22 3	0 11	9 47	0 53	21 59	0 7	13 36	1 11	18 19	0 37	2 28	0 55	18 16	0 7	7 32	7 57	5 50	15 31	2 27
T 17	18 45	16 26	5 0	22 40	1 43	22 16	0 14	10 1	0 52	21 57	0 8	13 36	1 11	18 18	0 37	2 29	0 55	18 16	0 7	7 38	7 58	5 52	15 31	2 27
W18	18 59	17 56	4 57	22 12	1 26	22 28	0 16	10 15	0 52	21 56	0 8	13 35	1 11	18 18	0 37	2 29	0 55	18 16	0 7	7 42	7 59	5 54	15 30	2 27
T 19	19 13	18 37	4 39	21 41	1 8	22 40	0 19	10 29	0 52	21 54	0 8	13 34	1 11	18 18	0 37	2 29	0 55	18 16	0 7	7 47	8 1	5 55	15 29	2 27
F 20	19 27	18 23	4 8	21 7	0 48	22 51	0 21	10 42	0 51	21 53	0 8	13 34	1 11	18 17	0 37	2 29	0 55	18 16	0 7	7 50	8 2	5 57	15 28	2 27
S 21	19 40	17 13	3 24	20 32	0 28	23 1	0 24	10 56	0 51	21 51	0 8	13 33	1 11	18 17	0 37	2 29	0 55	18 16	0 7	7 52	8 3	5 59	15 27	2 27
S 22	19 53	15 8	2 28	19 55	0 7	23 10	0 26	11 9	0 51	21 50	0 8	13 32	1 11	18 16	0 37	2 30	0 55	18 17	0 7	7 54	8 4	6 1	15 27	2 27
M23	20 6	12 12	1 23	19 18	0n13	23 19	0 29	11 23	0 51	21 48	0 8	13 31	1 11	18 16	0 37	2 30	0 55	18 17	0 7	7 54	8 5	6 3	15 26	2 27
T 24	20 18	8 33	0 12	18 42	0 33	23 28	0 31	11 36	0 50	21 47	0 8	13 31	1 11	18 15	0 37	2 30	0 55	18 17	0 7	7 54	8 7	6 5	15 25	2 27
W25	20 30	4 20	1n 2	18 8	0 52	23 35	0 34	11 49	0 50	21 45	0 8	13 30	1 11	18 15	0 37	2 30	0 55	18 17	0 7	7 54	8 8	6 6	15 24	2 27
T 26	20 42	0s13	2 13	17 36	1 10	23 42	0 36	12 3	0 50	21 43	0 8	13 29	1 11	18 14	0 37	2 30	0 55	18 17	0 7	7 55	8 9	6 8	15 24	2 27
F 27	20 53	4 51	3 17	17 9	1 26	23 48	0 39	12 16	0 49	21 42	0 8	13 28	1 11	18 14	0 37	2 30	0 55	18 17	0 7	7 57	8 10	6 10	15 23	2 27
S 28	21 4	9 15	4 9	16 46	1 40	23 53	0 41	12 29	0 49	21 40	0 8	13 27	1 11	18 13	0 37	2 31	0 55	18 18	0 7	7 59	8 11	6 12	15 22	2 27
S 29	21 14	13 7	4 44	16 27	1 52	23 58	0 44	12 42	0 49	21 38	0 9	13 26	1 11	18 13	0 37	2 31	0 55	18 18	0 7	8 3	8 12	6 14	15 21	2 27
M30	21s24	16s 6	5n 0	16s13	2n 2	24s 2	0s46	12s55	0n48	21s36	0s 9	13s25	1s11	18s12	0s37	2s31	0s55	18n18	0s 6	8n 7	8n14	6n15	15n21	2s27

Julian Day Number = 2879182.5, Delta T = 01h14m57s
Ecliptic obliquity = 23°17'08, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°08'13, Lahiri = 40°15'13

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ASTRODIENST EPHEMERIS for the year 3170
geocentric

DECEMBER 3170 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 39 34	8♐23'07	19♐55	22°D 4	29♐ 5	7♏21	22♑26	27♒25	10♒ 5	25°R45	6°R59	8°R52	8♍43	25♈28	20°R16	T 1
W 2	4 43 30	9°23'25	4♑22	22♏11	0♑20	7°59	22°38	27°28	10° 7	25♓45	6♌59	8♍41	8°40	25°35	20♉13	W 2
T 3	4 47 27	10°23'46	18°24	22°28	1°35	8°38	22°50	27°31	10° 9	25°45	6°58	8°31	8°37	25°42	20°11	T 3
F 4	4 51 24	11°24'08	1♒57	22°55	2°49	9°16	23° 2	27°34	10°12	25°45	6°57	8°25	8°34	25°48	20° 8	F 4
S 5	4 55 20	12°24'31	15° 2	23°31	4° 4	9°54	23°14	27°37	10°14	25°45	6°57	8°21	8°31	25°55	20° 5	S 5
S 6	4 59 17	13°24'55	27°42	24°14	5°19	10°33	23°26	27°41	10°16	25°45	6°56	8°20	8°27	26° 2	20° 3	S 6
M 7	5 3 13	14°25'21	10♓ 1	25° 5	6°33	11°11	23°38	27°44	10°19	25°D45	6°55	8°19	8°24	26° 9	20° 0	M 7
T 8	5 7 10	15°25'48	22° 5	26° 1	7°48	11°50	23°50	27°48	10°21	25°45	6°55	8°19	8°21	26°15	19°58	T 8
W 9	5 11 6	16°26'16	3♈59	27° 3	9° 2	12°28	24° 3	27°52	10°23	25°45	6°54	8°18	8°18	26°22	19°55	W 9
T 10	5 15 3	17°26'45	15°48	28°10	10°17	13° 7	24°15	27°55	10°26	25°45	6°53	8°15	8°15	26°29	19°53	T 10
F 11	5 18 59	18°27'16	27°37	29°20	11°32	13°45	24°27	27°59	10°28	25°45	6°53	8° 9	8°12	26°35	19°50	F 11
S 12	5 22 56	19°27'48	9♉31	0♐35	12°46	14°23	24°40	28° 3	10°31	25°45	6°52	8° 1	8° 8	26°42	19°48	S 12
S 13	5 26 53	20°28'21	21°32	1°52	14° 1	15° 2	24°52	28° 7	10°33	25°45	6°51	7°49	8° 5	26°49	19°46	S 13
M14	5 30 49	21°28'55	3♊43	3°11	15°16	15°40	25° 5	28°11	10°36	25°45	6°50	7°36	8° 2	26°55	19°43	M14
T 15	5 34 46	22°29'31	16° 6	4°33	16°30	16°19	25°18	28°15	10°39	25°46	6°49	7°23	7°59	27° 2	19°41	T 15
W16	5 38 42	23°30'08	28°40	5°56	17°45	16°57	25°30	28°20	10°41	25°46	6°48	7° 9	7°56	27° 9	19°39	W16
T 17	5 42 39	24°30'47	11♋25	7°21	18°59	17°36	25°43	28°24	10°44	25°46	6°48	6°58	7°53	27°15	19°37	T 17
F 18	5 46 35	25°31'27	24°22	8°48	20°14	18°14	25°56	28°28	10°47	25°47	6°47	6°48	7°49	27°22	19°34	F 18
S 19	5 50 32	26°32'08	7♌29	10°15	21°28	18°53	26° 9	28°33	10°49	25°47	6°46	6°42	7°46	27°29	19°32	S 19
S 20	5 54 29	27°32'51	20°47	11°43	22°43	19°31	26°22	28°37	10°52	25°47	6°45	6°39	7°43	27°35	19°30	S 20
M21	5 58 25	28°33'35	4♍16	13°12	23°57	20°10	26°35	28°42	10°55	25°48	6°44	6°D38	7°40	27°42	19°28	M21
T 22	6 2 22	29°34'20	17°57	14°42	25°12	20°48	26°48	28°47	10°58	25°48	6°43	6°38	7°37	27°49	19°26	T 22
W23	6 6 18	0♎35'07	1♎50	16°12	26°26	21°27	27° 1	28°52	11° 1	25°49	6°42	6°R38	7°33	27°56	19°24	W23
T 24	6 10 15	1°35'55	15°56	17°43	27°41	22° 5	27°14	28°56	11° 4	25°49	6°41	6°37	7°30	28° 2	19°22	T 24
F 25	6 14 11	2°36'45	0♏15	19°14	28°55	22°44	27°28	29° 1	11° 7	25°50	6°40	6°34	7°27	28° 9	19°20	F 25
S 26	6 18 8	3°37'36	14°43	20°46	0♒10	23°22	27°41	29° 6	11°10	25°51	6°39	6°29	7°24	28°16	19°18	S 26
S 27	6 22 4	4°38'29	29°16	22°17	1°24	24° 1	27°54	29°11	11°13	25°51	6°38	6°21	7°21	28°22	19°17	S 27
M28	6 26 1	5°39'22	13♐49	23°49	2°39	24°40	28° 8	29°17	11°16	25°52	6°37	6°11	7°18	28°29	19°15	M28
T 29	6 29 58	6°40'17	28°14	25°21	3°53	25°18	28°21	29°22	11°19	25°53	6°36	6° 1	7°14	28°36	19°13	T 29
W30	6 33 54	7°41'13	12♑25	26°54	5° 8	25°57	28°34	29°27	11°22	25°53	6°35	5°52	7°11	28°42	19°11	W30
T 31	6 37 51	8♑42'09	26♑16	28♐26	6♒22	26♏35	28♑48	29♒32	11♒25	25♓54	6♌34	5♍44	7♍ 8	28♈49	19♉10	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s34	18s 0	4n55	16s 4	2n10	24s 5	0s48	13s 7	0n48	21s34	0s 9	13s24	1s10	18s11	0s37	2s31	0s55	18n18	0s 6	8n12	8n15	6n17	15n20	2s27
W 2	21 43	18 42	4 31	16 0	2 16	24 8	0 51	13 20	0 47	21 33	0 9	13 23	1 10	18 11	0 37	2 31	0 55	18 18	0 6	8 16	8 16	6 19	15 19	2 27
T 3	21 52	18 13	3 51	16 0	2 21	24 10	0 53	13 33	0 47	21 31	0 9	13 22	1 10	18 10	0 36	2 31	0 55	18 19	0 6	8 19	8 17	6 21	15 18	2 27
F 4	22 0	16 41	3 0	16 4	2 23	24 11	0 55	13 45	0 47	21 29	0 9	13 21	1 10	18 10	0 36	2 31	0 55	18 19	0 6	8 22	8 18	6 23	15 18	2 27
S 5	22 8	14 19	2 0	16 12	2 25	24 11	0 58	13 57	0 46	21 27	0 9	13 19	1 10	18 9	0 36	2 31	0 54	18 19	0 6	8 23	8 20	6 25	15 17	2 27
S 6	22 16	11 19	0 56	16 22	2 25	24 11	1 0	14 10	0 46	21 25	0 9	13 18	1 10	18 8	0 36	2 31	0 54	18 19	0 6	8 24	8 21	6 26	15 16	2 27
M 7	22 23	7 54	0s 9	16 35	2 24	24 10	1 2	14 22	0 46	21 23	0 9	13 17	1 10	18 8	0 36	2 31	0 54	18 20	0 6	8 24	8 22	6 28	15 16	2 27
T 8	22 30	4 14	1 12	16 50	2 22	24 8	1 4	14 34	0 45	21 21	0 9	13 16	1 10	18 7	0 36	2 31	0 54	18 20	0 6	8 24	8 23	6 30	15 15	2 27
W 9	22 36	0 26	2 11	17 7	2 19	24 5	1 7	14 46	0 45	21 19	0 9	13 14	1 10	18 6	0 36	2 31	0 54	18 20	0 6	8 24	8 24	6 32	15 14	2 27
T 10	22 42	3n20	3 5	17 26	2 15	24 2	1 9	14 58	0 44	21 17	0 9	13 13	1 10	18 6	0 36	2 31	0 54	18 20	0 6	8 25	8 25	6 34	15 14	2 27
F 11	22 47	6 59	3 50	17 45	2 11	23 58	1 11	15 10	0 44	21 15	0 9	13 12	1 10	18 5	0 36	2 31	0 54	18 20	0 6	8 28	8 27	6 36	15 13	2 27
S 12	22 52	10 22	4 25	18 6	2 6	23 53	1 13	15 21	0 44	21 13	0 10	13 10	1 10	18 4	0 36	2 31	0 54	18 21	0 6	8 31	8 28	6 37	15 12	2 27
S 13	22 57	13 23	4 49	18 26	2 0	23 48	1 15	15 33	0 43	21 10	0 10	13 9	1 10	18 4	0 36	2 31	0 54	18 21	0 6	8 35	8 29	6 39	15 12	2 27
M14	23 1	15 51	5 0	18 47	1 54	23 41	1 17	15 45	0 43	21 8	0 10	13 7	1 10	18 3	0 36	2 30	0 54	18 21	0 6	8 40	8 30	6 41	15 11	2 27
T 15	23 4	17 38	4 57	19 9	1 48	23 34	1 19	15 56	0 42	21 6	0 10	13 6	1 10	18 2	0 36	2 30	0 54	18 22	0 6	8 45	8 31	6 43	15 10	2 27
W16	23 8	18 37	4 40	19 30	1 41	23 27	1 20	16 7	0 42	21 4	0 10	13 4	1 10	18 1	0 36	2 30	0 54	18 22	0 5	8 50	8 33	6 45	15 10	2 27
T 17	23 10	18 40	4 9	19 51	1 35	23 18	1 22	16 18	0 42	21 2	0 10	13 3	1 10	18 1	0 36	2 30	0 54	18 22	0 5	8 54	8 34	6 47	15 9	2 27
F 18	23 13	17 45	3 24	20 11	1 28	23 9	1 24	16 29	0 41	20 59	0 10	13 1	1 10	18 0	0 36	2 30	0 54	18 22	0 5	8 57	8 35	6 48	15 9	2 27
S 19	23 14	15 53	2 28	20 31	1 20	23 0	1 26	16 40	0 41	20 57	0 10	13 0	1 10	17 59	0 36	2 30	0 54	18 23	0 5	9 0	8 36	6 50	15 8	2 27
S 20	23 16	13 9	1 23	20 50	1 13	22 49	1 27	16 51	0 40	20 55	0 10	12 58	1 10	17 58	0 36	2 30	0 54	18 23	0 5	9 1	8 37	6 52	15 8	2 27
M21	23 17	9 41	0 13	21 9	1 6	22 38	1 29	17 2	0 40	20 52	0 10	12 56	1 10	17 58	0 36	2 29	0 54	18 23	0 5	9 1	8 38	6 54	15 7	2 27
T 22	23 17	5 39	1n 0	21 27	0 58	22 26	1 30	17 12	0 40	20 50	0 10	12 55	1 10	17 57	0 36	2 29	0 54	18 24	0 5	9 1	8 40	6 56	15 7	2 27
W23	23 17	1 16	2 10	21 44	0 51	22 14	1 32	17 23	0 39	20 47	0 10	12 53	1 10	17 56	0 36	2 29	0 54	18 24	0 5	9 1	8 41	6 57	15 6	2 27
T 24	23 17	3s15	3 13	22 0	0 43	22 1	1 33	17 33	0 39	20 45	0 10	12 51	1 10	17 55	0 36	2 29	0 54	18 24	0 5	9 1	8 42	6 59	15 5	2 27
F 25	23 16	7 39	4 5	22 15	0 36	21 47	1 35	17 43	0 38	20 42	0 11	12 50	1 10	17 54	0 36	2 28	0 54	18 24	0 5	9 3	8 43	7 1	15 5	2 27
S 26	23 14	11 39	4 42	22 30	0 28	21 33	1 36	17 53	0 38	20 40	0 11	12 48	1 10	17 54	0 36	2 28	0 54	18 25	0 5	9 5	8 44	7 3	15 5	2 27
S 27	23 12	14 57	5 2	22 43	0 21	21 18	1 37	18 3	0 37	20 37	0 11	12 46	1 10	17 53	0 36	2 28	0 54	18 25	0 5	9 7	8 45	7 5	15 4	2 27
M28	23 10	17 20	5 1	22 55	0 14	21 2	1 38	18 13	0 37	20 35	0 11	12 44	1 9	17 52	0 36	2 28	0 54	18 25	0 5	9 11	8 47	7 7	15 4	2 27
T 29	23 7	18 35	4 42	23 6	0 6	20 46	1 39	18 23	0 36	20 32	0 11	12 42	1 9	17 51	0 36	2 27	0 54	18 26	0 5	9 15	8 48	7 8	15 3	2 27
W30	23 4	18 39	4 5	23 16	0s 1	20 29	1 40	18 32	0 36	20 30	0 11	12 41	1 9	17 50	0 36	2 27	0 54	18 26	0 5	9 18	8 49	7 10	15 3	2 27
T 31	23s 0	17s35	3n14	23s24	0s 8	20s12	1s41	18s42	0n35	20s27	0s11	12s39	1s 9	17s49	0s36	2s27	0s54	18n26	0s 5	9n21	8n50	7n12	15n 2	2s27

Julian Day Number = 2879212.5, Delta T = 01h14m58s
Ecliptic obliquity = 23°17'07, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°08'17, Lahiri = 40°15'17

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ASTRODIENST EPHEMERIS for the year 3171
geocentric

JANUARY 3171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 41 47	9♑43'07	9♒45	29♐59	7♒37	27♏14	29♑ 1	29♒38	11♒28	25♓55	6°R32	5°R38	7♍ 5	28♈56	19°R 8	F 1
S 2	6 45 44	10°44'05	22°49	1♑31	8°51	27°52	29°15	29°43	11°31	25°56	6♌31	5♍35	7° 2	29° 3	19♉ 7	S 2
S 3	6 49 40	11°45'03	5♓31	3° 4	10° 6	28°31	29°28	29°49	11°34	25°57	6°30	5°D34	6°59	29° 9	19° 5	S 3
M 4	6 53 37	12°46'02	17°53	4°37	11°20	29°10	29°42	29°54	11°38	25°58	6°29	5°35	6°55	29°16	19° 4	M 4
T 5	6 57 33	13°47'02	29°59	6°10	12°34	29°48	29°56	0♓ 0	11°41	25°59	6°28	5°36	6°52	29°23	19° 2	T 5
W 6	7 1 30	14°48'01	11♈55	7°44	13°49	0♐27	0♒ 9	0° 6	11°44	26° 0	6°27	5°R37	6°49	29°29	19° 1	W 6
T 7	7 5 27	15°49'02	23°46	9°17	15° 3	1° 5	0°23	0°12	11°47	26° 1	6°25	5°36	6°46	29°36	19° 0	T 7
F 8	7 9 23	16°50'02	5♉37	10°51	16°17	1°44	0°37	0°17	11°51	26° 2	6°24	5°34	6°43	29°43	18°59	F 8
S 9	7 13 20	17°51'03	17°32	12°24	17°31	2°23	0°51	0°23	11°54	26° 3	6°23	5°30	6°39	29°49	18°57	S 9
S 10	7 17 16	18°52'05	29°37	13°58	18°46	3° 1	1° 4	0°29	11°57	26° 4	6°22	5°24	6°36	29°56	18°56	S 10
M11	7 21 13	19°53'07	11♊54	15°32	20° 0	3°40	1°18	0°35	12° 1	26° 5	6°21	5°16	6°33	0♉ 3	18°55	M11
T 12	7 25 9	20°54'09	24°26	17° 7	21°14	4°18	1°32	0°41	12° 4	26° 6	6°19	5° 7	6°30	0° 9	18°54	T 12
W13	7 29 6	21°55'11	7♋15	18°41	22°28	4°57	1°46	0°47	12° 7	26° 7	6°18	4°59	6°27	0°16	18°53	W13
T 14	7 33 2	22°56'14	20°19	20°16	23°42	5°36	2° 0	0°53	12°11	26° 9	6°17	4°52	6°24	0°23	18°52	T 14
F 15	7 36 59	23°57'17	3♌38	21°51	24°56	6°14	2°13	1° 0	12°14	26°10	6°16	4°46	6°20	0°30	18°52	F 15
S 16	7 40 56	24°58'20	17°10	23°26	26°11	6°53	2°27	1° 6	12°18	26°11	6°15	4°43	6°17	0°36	18°51	S 16
S 17	7 44 52	25°59'24	0♍53	25° 2	27°25	7°31	2°41	1°12	12°21	26°13	6°13	4°D42	6°14	0°43	18°50	S 17
M18	7 48 49	27° 0'28	14°44	26°38	28°39	8°10	2°55	1°18	12°25	26°14	6°12	4°42	6°11	0°50	18°49	M18
T 19	7 52 45	28° 1'33	28°43	28°14	29°53	8°49	3° 9	1°25	12°28	26°15	6°11	4°43	6° 8	0°56	18°49	T 19
W20	7 56 42	29° 2'38	12♎46	29°50	1♓ 6	9°27	3°23	1°31	12°32	26°17	6° 9	4°45	6° 5	1° 3	18°48	W20
T 21	8 0 38	0♒ 3'43	26°53	1♒27	2°20	10° 6	3°37	1°38	12°35	26°18	6° 8	4°R46	6° 1	1°10	18°48	T 21
F 22	8 4 35	1° 4'49	11♏ 3	3° 4	3°34	10°45	3°51	1°44	12°38	26°20	6° 7	4°45	5°58	1°16	18°47	F 22
S 23	8 8 31	2° 5'56	25°13	4°42	4°48	11°23	4° 5	1°51	12°42	26°21	6° 6	4°43	5°55	1°23	18°47	S 23
S 24	8 12 28	3° 7'02	9♐22	6°20	6° 2	12° 2	4°19	1°57	12°46	26°23	6° 4	4°40	5°52	1°30	18°47	S 24
M25	8 16 25	4° 8'09	23°25	7°58	7°16	12°41	4°33	2° 4	12°49	26°24	6° 3	4°35	5°49	1°37	18°46	M25
T 26	8 20 21	5° 9'17	7♑21	9°37	8°29	13°19	4°47	2°10	12°53	26°26	6° 2	4°31	5°45	1°43	18°46	T 26
W27	8 24 18	6°10'24	21° 4	11°16	9°43	13°58	5° 1	2°17	12°56	26°27	6° 1	4°26	5°42	1°50	18°46	W27
T 28	8 28 14	7°11'31	4♒34	12°55	10°57	14°37	5°15	2°24	13° 0	26°29	5°59	4°22	5°39	1°57	18°46	T 28
F 29	8 32 11	8°12'38	17°46	14°35	12°10	15°15	5°29	2°31	13° 3	26°31	5°58	4°20	5°36	2° 3	18°D46	F 29
S 30	8 36 7	9°13'45	0♓40	16°15	13°24	15°54	5°43	2°37	13° 7	26°32	5°57	4°D19	5°33	2°10	18°46	S 30
S 31	8 40 4	10♒14'52	13♓16	17♒55	14♓37	16♐33	5♒57	2♓44	13♒10	26♓34	5♌55	4♍19	5♍30	2♉17	18♉46	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s56	15s33	2n14	23s32	0s15	19s54	1s42	18s51	0n35	20s24	0s11	12s37	1s 9	17s48	0s36	2s26	0s54	18n27	0s 4	9n23	8n51	7n14	15n 2	2s27
S 2	22 51	12 45	1 8	23 38	0 22	19 35	1 43	19 0	0 34	20 22	0 11	12 35	1 9	17 48	0 36	2 26	0 54	18 27	0 4	9 24	8 53	7 16	15 2	2 27
S 3	22 46	9 26	0 0	23 43	0 28	19 16	1 44	19 9	0 34	20 19	0 11	12 33	1 9	17 47	0 36	2 26	0 54	18 27	0 4	9 25	8 54	7 17	15 1	2 27
M 4	22 41	5 46	1s 6	23 47	0 35	18 56	1 44	19 18	0 33	20 16	0 11	12 31	1 9	17 46	0 36	2 25	0 54	18 28	0 4	9 24	8 55	7 19	15 1	2 27
T 5	22 35	1 58	2 8	23 50	0 42	18 36	1 45	19 26	0 33	20 13	0 11	12 29	1 9	17 45	0 36	2 25	0 54	18 28	0 4	9 24	8 56	7 21	15 1	2 27
W 6	22 28	1n52	3 3	23 51	0 48	18 15	1 45	19 35	0 32	20 10	0 12	12 27	1 9	17 44	0 36	2 24	0 54	18 28	0 4	9 24	8 57	7 23	15 0	2 27
T 7	22 21	5 36	3 50	23 52	0 54	17 54	1 46	19 43	0 32	20 8	0 12	12 25	1 9	17 43	0 36	2 24	0 54	18 29	0 4	9 24	8 58	7 25	15 0	2 27
F 8	22 14	9 6	4 27	23 50	1 0	17 33	1 46	19 52	0 31	20 5	0 12	12 23	1 9	17 42	0 36	2 24	0 54	18 29	0 4	9 25	9 0	7 27	15 0	2 27
S 9	22 6	12 15	4 53	23 48	1 6	17 10	1 46	20 0	0 31	20 2	0 12	12 21	1 9	17 41	0 36	2 23	0 54	18 30	0 4	9 26	9 1	7 28	14 59	2 27
S 10	21 58	14 57	5 6	23 44	1 11	16 48	1 47	20 8	0 30	19 59	0 12	12 19	1 9	17 40	0 36	2 23	0 54	18 30	0 4	9 28	9 2	7 30	14 59	2 27
M11	21 49	17 1	5 6	23 39	1 17	16 25	1 47	20 16	0 30	19 56	0 12	12 17	1 9	17 39	0 36	2 22	0 54	18 30	0 4	9 31	9 3	7 32	14 59	2 27
T 12	21 40	18 19	4 51	23 33	1 22	16 1	1 47	20 23	0 29	19 53	0 12	12 14	1 9	17 38	0 36	2 22	0 54	18 31	0 4	9 34	9 4	7 34	14 59	2 27
W13	21 31	18 45	4 21	23 26	1 27	15 37	1 47	20 31	0 29	19 50	0 12	12 12	1 9	17 38	0 36	2 21	0 54	18 31	0 4	9 37	9 5	7 36	14 59	2 27
T 14	21 21	18 11	3 37	23 17	1 32	15 13	1 47	20 38	0 28	19 47	0 12	12 10	1 9	17 37	0 36	2 21	0 54	18 31	0 4	9 40	9 7	7 37	14 58	2 27
F 15	21 11	16 37	2 40	23 6	1 36	14 48	1 47	20 45	0 28	19 44	0 12	12 8	1 9	17 36	0 36	2 20	0 54	18 32	0 4	9 42	9 8	7 39	14 58	2 27
S 16	21 0	14 6	1 34	22 55	1 40	14 23	1 46	20 52	0 27	19 41	0 12	12 6	1 9	17 35	0 36	2 20	0 54	18 32	0 4	9 43	9 9	7 41	14 58	2 26
S 17	20 49	10 46	0 21	22 42	1 44	13 57	1 46	20 59	0 27	19 38	0 12	12 3	1 9	17 34	0 36	2 19	0 54	18 32	0 3	9 44	9 10	7 43	14 58	2 26
M18	20 37	6 49	0n54	22 28	1 48	13 31	1 45	21 6	0 26	19 35	0 13	12 1	1 9	17 33	0 36	2 19	0 54	18 33	0 3	9 44	9 11	7 45	14 58	2 26
T 19	20 25	2 27	2 7	22 12	1 52	13 5	1 45	21 13	0 25	19 32	0 13	11 59	1 9	17 32	0 36	2 18	0 54	18 33	0 3	9 43	9 12	7 46	14 58	2 26
W20	20 13	2s 3	3 13	21 55	1 55	12 38	1 44	21 19	0 25	19 29	0 13	11 57	1 9	17 31	0 36	2 17	0 54	18 34	0 3	9 43	9 14	7 48	14 58	2 26
T 21	20 0	6 27	4 7	21 37	1 58	12 11	1 44	21 25	0 24	19 26	0 13	11 54	1 9	17 30	0 36	2 17	0 54	18 34	0 3	9 42	9 15	7 50	14 57	2 26
F 22	19 47	10 30	4 46	21 18	2 0	11 44	1 43	21 31	0 24	19 23	0 13	11 52	1 9	17 29	0 36	2 16	0 53	18 34	0 3	9 42	9 16	7 52	14 57	2 26
S 23	19 34	13 57	5 8	20 57	2 2	11 16	1 42	21 37	0 23	19 19	0 13	11 50	1 9	17 28	0 36	2 16	0 53	18 35	0 3	9 43	9 17	7 54	14 57	2 26
S 24	19 20	16 35	5 11	20 35	2 4	10 49	1 41	21 43	0 22	19 16	0 13	11 47	1 9	17 27	0 36	2 15	0 53	18 35	0 3	9 44	9 18	7 56	14 57	2 26
M25	19 6	18 12	4 56	20 11	2 6	10 20	1 40	21 49	0 22	19 13	0 13	11 45	1 9	17 26	0 36	2 14	0 53	18 35	0 3	9 46	9 19	7 57	14 57	2 26
T 26	18 51	18 43	4 23	19 46	2 7	9 52	1 39	21 54	0 21	19 10	0 13	11 43	1 9	17 25	0 36	2 14	0 53	18 36	0 3	9 48	9 20	7 59	14 57	2 26
W27	18 37	18 6	3 35	19 20	2 8	9 23	1 38	21 59	0 21	19 6	0 13	11 40	1 9	17 24	0 36	2 13	0 53	18 36	0 3	9 49	9 22	8 1	14 57	2 26
T 28	18 21	16 28	2 36	18 53	2 8	8 54	1 36	22 4	0 20	19 3	0 13	11 38	1 9	17 23	0 36	2 12	0 53	18 37	0 3	9 51	9 23	8 3	14 57	2 26
F 29	18 6	13 59	1 30	18 24	2 8	8 25	1 35	22 9	0 19	19 0	0 14	11 36	1 9	17 22	0 36	2 12	0 53	18 37	0 3	9 52	9 24	8 5	14 57	2 26
S 30	17 50	10 51	0 20	17 54	2 8	7 56	1 34	22 14	0 19	18 57	0 14	11 33	1 9	17 21	0 36	2 11	0 53	18 37	0 3	9 52	9 25	8 6	14 57	2 26
S 31	17s34	7s18	0s49	17s22	2s 7	7s26	1s32	22s19	0n18	18s53	0s14	11s31	1s 9	17s20	0s36	2s10	0s53	18n38	0s 3	9n52	9n26	8n 8	14n58	2s26

Julian Day Number = 2879243.5, Delta T = 01h14m58s
Ecliptic obliquity = 23°17'07, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°08'21, Lahiri = 40°15'22

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ASTRODIENST EPHEMERIS for the year 3171
geocentric

FEBRUARY 3171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 44 0	11♒15'58	25♓36	19♒36	15♓51	17♐11	6♒11	2♓51	13♒14	26♓36	5°R54	4♍20	5♍26	2♉23	18♉46	M 1
T 2	8 47 57	12°17'03	7♈43	21°16	17° 4	17°50	6°25	2°58	13°17	26°37	5♌53	4°22	5°23	2°30	18°46	T 2
W 3	8 51 54	13°18'08	19°40	22°57	18°18	18°29	6°38	3° 5	13°21	26°39	5°52	4°24	5°20	2°37	18°46	W 3
T 4	8 55 50	14°19'12	1♉32	24°38	19°31	19° 7	6°52	3°12	13°25	26°41	5°50	4°25	5°17	2°44	18°47	T 4
F 5	8 59 47	15°20'16	13°23	26°19	20°44	19°46	7° 6	3°19	13°28	26°43	5°49	4°R26	5°14	2°50	18°47	F 5
S 6	9 3 43	16°21'19	25°19	28° 0	21°57	20°25	7°20	3°26	13°32	26°45	5°48	4°25	5°10	2°57	18°48	S 6
S 7	9 7 40	17°22'22	7♊23	29°41	23°10	21° 3	7°34	3°33	13°35	26°46	5°47	4°24	5° 7	3° 4	18°48	S 7
M 8	9 11 36	18°23'23	19°41	1♓21	24°24	21°42	7°48	3°40	13°39	26°48	5°45	4°22	5° 4	3°10	18°49	M 8
T 9	9 15 33	19°24'24	2♋17	3° 0	25°37	22°21	8° 2	3°47	13°42	26°50	5°44	4°20	5° 1	3°17	18°49	T 9
W10	9 19 29	20°25'24	15°12	4°39	26°49	22°59	8°16	3°54	13°46	26°52	5°43	4°18	4°58	3°24	18°50	W10
T 11	9 23 26	21°26'23	28°28	6°16	28° 2	23°38	8°30	4° 1	13°49	26°54	5°42	4°16	4°55	3°30	18°51	T 11
F 12	9 27 23	22°27'22	12♌ 4	7°52	29°15	24°17	8°43	4° 8	13°53	26°56	5°40	4°15	4°51	3°37	18°51	F 12
S 13	9 31 19	23°28'19	25°59	9°27	0♈28	24°55	8°57	4°15	13°56	26°58	5°39	4°14	4°48	3°44	18°52	S 13
S 14	9 35 16	24°29'16	10♍10	10°59	1°40	25°34	9°11	4°22	14° 0	27° 0	5°38	4°D14	4°45	3°51	18°53	S 14
M15	9 39 12	25°30'13	24°31	12°28	2°53	26°13	9°25	4°29	14° 3	27° 2	5°37	4°15	4°42	3°57	18°54	M15
T 16	9 43 9	26°31'08	8♎58	13°54	4° 5	26°51	9°38	4°36	14° 7	27° 4	5°36	4°15	4°39	4° 4	18°55	T 16
W17	9 47 5	27°32'03	23°25	15°16	5°18	27°30	9°52	4°43	14°10	27° 6	5°34	4°16	4°36	4°11	18°56	W17
T 18	9 51 2	28°32'58	7♏48	16°34	6°30	28° 9	10° 6	4°51	14°14	27° 8	5°33	4°16	4°32	4°17	18°57	T 18
F 19	9 54 58	29°33'51	22° 4	17°47	7°42	28°47	10°19	4°58	14°17	27°10	5°32	4°17	4°29	4°24	18°59	F 19
S 20	9 58 55	0♓34'45	6♐10	18°54	8°55	29°26	10°33	5° 5	14°21	27°12	5°31	4°R17	4°26	4°31	19° 0	S 20
S 21	10 2 52	1°35'37	20° 4	19°53	10° 7	0♑ 5	10°46	5°12	14°24	27°14	5°30	4°17	4°23	4°37	19° 1	S 21
M22	10 6 48	2°36'29	3♑47	20°46	11°19	0°43	11° 0	5°19	14°28	27°16	5°29	4°16	4°20	4°44	19° 2	M22
T 23	10 10 45	3°37'21	17°16	21°30	12°31	1°22	11°13	5°27	14°31	27°18	5°27	4°16	4°16	4°51	19° 4	T 23
W24	10 14 41	4°38'11	0♒32	22° 5	13°42	2° 0	11°27	5°34	14°35	27°21	5°26	4°D16	4°13	4°58	19° 5	W24
T 25	10 18 38	5°39'00	13°35	22°30	14°54	2°39	11°40	5°41	14°38	27°23	5°25	4°16	4°10	5° 4	19° 7	T 25
F 26	10 22 34	6°39'49	26°24	22°45	16° 6	3°18	11°54	5°48	14°41	27°25	5°24	4°16	4° 7	5°11	19° 8	F 26
S 27	10 26 31	7°40'36	9♓ 1	22°R49	17°17	3°56	12° 7	5°55	14°45	27°27	5°23	4°R16	4° 4	5°18	19°10	S 27
S 28	10 30 27	8♓41'22	21♓25	22♓43	18♈29	4♑35	12♒20	6♓ 2	14♒48	27♓29	5♌22	4♍16	4♍ 1	5♉24	19♉12	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s17	3s30	1s55	16s50	2s 5	6s56	1s31	22s23	0n17	18s50	0s14	11s28	1s 9	17s19	0s36	2s10	0s53	18n38	0s 3	9n51	9n27	8n10	14n58	2s25
T 2	17 0	0n23	2 54	16 16	2 3	6 26	1 29	22 27	0 17	18 47	0 14	11 26	1 9	17 18	0 36	2 9	0 53	18 38	0 2	9 51	9 29	8 12	14 58	2 25
W 3	16 43	4 10	3 45	15 41	2 1	5 56	1 27	22 31	0 16	18 43	0 14	11 23	1 9	17 17	0 36	2 8	0 53	18 39	0 2	9 50	9 30	8 14	14 58	2 25
T 4	16 26	7 46	4 26	15 5	1 58	5 26	1 25	22 35	0 15	18 40	0 14	11 21	1 9	17 16	0 36	2 8	0 53	18 39	0 2	9 50	9 31	8 15	14 58	2 25
F 5	16 8	11 4	4 55	14 27	1 54	4 56	1 23	22 39	0 15	18 36	0 14	11 18	1 9	17 15	0 36	2 7	0 53	18 40	0 2	9 50	9 32	8 17	14 58	2 25
S 6	15 50	13 55	5 12	13 49	1 50	4 25	1 21	22 43	0 14	18 33	0 14	11 16	1 10	17 14	0 36	2 6	0 53	18 40	0 2	9 50	9 33	8 19	14 58	2 25
S 7	15 32	16 13	5 15	13 9	1 45	3 54	1 19	22 46	0 13	18 29	0 14	11 13	1 10	17 13	0 36	2 5	0 53	18 40	0 2	9 50	9 34	8 21	14 59	2 25
M 8	15 13	17 49	5 5	12 29	1 40	3 24	1 17	22 49	0 13	18 26	0 14	11 11	1 10	17 12	0 36	2 5	0 53	18 41	0 2	9 51	9 36	8 22	14 59	2 25
T 9	14 54	18 37	4 39	11 48	1 34	2 53	1 15	22 52	0 12	18 23	0 15	11 8	1 10	17 11	0 36	2 4	0 53	18 41	0 2	9 51	9 37	8 24	14 59	2 25
W10	14 35	18 28	3 59	11 6	1 27	2 22	1 12	22 55	0 11	18 19	0 15	11 6	1 10	17 10	0 36	2 3	0 53	18 41	0 2	9 52	9 38	8 26	14 59	2 25
T 11	14 16	17 19	3 5	10 23	1 19	1 51	1 10	22 58	0 10	18 16	0 15	11 3	1 10	17 9	0 36	2 2	0 53	18 42	0 2	9 53	9 39	8 28	15 0	2 25
F 12	13 56	15 9	2 0	9 40	1 11	1 20	1 7	23 0	0 10	18 12	0 15	11 1	1 10	17 8	0 36	2 2	0 53	18 42	0 2	9 53	9 40	8 30	15 0	2 25
S 13	13 37	12 4	0 46	8 56	1 2	0 49	1 5	23 2	0 9	18 9	0 15	10 58	1 10	17 7	0 36	2 1	0 53	18 42	0 2	9 54	9 41	8 31	15 0	2 25
S 14	13 17	8 13	0n33	8 12	0 52	0 18	1 2	23 4	0 8	18 5	0 15	10 56	1 10	17 6	0 36	2 0	0 53	18 43	0 2	9 54	9 42	8 33	15 0	2 25
M15	12 56	3 51	1 50	7 28	0 41	0n14	1 0	23 6	0 7	18 2	0 15	10 53	1 10	17 5	0 36	1 59	0 53	18 43	0 2	9 54	9 44	8 35	15 1	2 25
T 16	12 36	0s45	3 1	6 45	0 30	0 45	0 57	23 8	0 7	17 58	0 15	10 51	1 10	17 4	0 36	1 58	0 53	18 44	0 2	9 53	9 45	8 37	15 1	2 25
W17	12 15	5 19	4 0	6 2	0 17	1 16	0 54	23 10	0 6	17 55	0 15	10 48	1 10	17 3	0 36	1 58	0 53	18 44	0 2	9 53	9 46	8 39	15 1	2 24
T 18	11 54	9 32	4 44	5 20	0 4	1 47	0 51	23 11	0 5	17 51	0 15	10 46	1 10	17 2	0 36	1 57	0 53	18 44	0 1	9 53	9 47	8 40	15 2	2 24
F 19	11 33	13 10	5 10	4 39	0n10	2 18	0 48	23 12	0 4	17 47	0 16	10 43	1 10	17 1	0 36	1 56	0 53	18 45	0 1	9 53	9 48	8 42	15 2	2 24
S 20	11 12	15 59	5 17	4 0	0 24	2 49	0 45	23 13	0 4	17 44	0 16	10 41	1 10	17 0	0 36	1 55	0 53	18 45	0 1	9 53	9 49	8 44	15 3	2 24
S 21	10 50	17 50	5 5	3 23	0 39	3 20	0 42	23 14	0 3	17 40	0 16	10 38	1 10	16 59	0 36	1 54	0 53	18 45	0 1	9 53	9 51	8 46	15 3	2 24
M22	10 29	18 38	4 36	2 48	0 55	3 51	0 39	23 15	0 2	17 37	0 16	10 35	1 10	16 58	0 36	1 54	0 53	18 46	0 1	9 53	9 52	8 48	15 3	2 24
T 23	10 7	18 20	3 52	2 16	1 11	4 22	0 35	23 16	0 1	17 33	0 16	10 33	1 10	16 57	0 36	1 53	0 53	18 46	0 1	9 53	9 53	8 49	15 4	2 24
W24	9 45	17 2	2 57	1 47	1 27	4 53	0 32	23 16	0 0	17 30	0 16	10 30	1 10	16 56	0 36	1 52	0 53	18 46	0 1	9 53	9 54	8 51	15 4	2 24
T 25	9 23	14 51	1 52	1 22	1 44	5 24	0 29	23 16	0s 1	17 26	0 16	10 28	1 10	16 55	0 36	1 51	0 53	18 47	0 1	9 53	9 55	8 53	15 5	2 24
F 26	9 1	11 57	0 44	1 1	2 0	5 54	0 25	23 16	0 1	17 22	0 16	10 25	1 10	16 54	0 36	1 50	0 53	18 47	0 1	9 53	9 56	8 55	15 5	2 24
S 27	8 38	8 33	0s26	0 45	2 16	6 25	0 22	23 16	0 2	17 19	0 16	10 22	1 10	16 53	0 36	1 49	0 53	18 47	0 1	9 53	9 57	8 56	15 6	2 24
S 28	8s16	4s49	1s34	0s33	2n31	6n55	0s18	23s15	0s 3	17s15	0s16	10s20	1s11	16s52	0s36	1s48	0s53	18n48	0s 1	9n53	9n59	8n58	15n 6	2s24

Julian Day Number = 2879274.5, Delta T = 01h14m59s
Ecliptic obliquity = 23°17'08, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°08'26, Lahiri = 40°15'26

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ASTRODIENST EPHEMERIS for the year 3171
geocentric

MARCH 3171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 34 24	9♓42'07	3♈38	22°R25	19♈40	5♉13	12♒34	6♓10	14♒51	27♓31	5°R21	4°R16	3♍57	5♌31	19♌13	M 1
T 2	10 38 21	10°42'50	15°41	21♓57	20°51	5°52	12°47	6°17	14°55	27°34	5♌20	4♍15	3°54	5°38	19°15	T 2
W 3	10 42 17	11°43'32	27°37	21°19	22° 2	6°31	13° 0	6°24	14°58	27°36	5°19	4°14	3°51	5°44	19°17	W 3
T 4	10 46 14	12°44'13	9♌29	20°33	23°13	7° 9	13°13	6°31	15° 1	27°38	5°18	4°13	3°48	5°51	19°19	T 4
F 5	10 50 10	13°44'52	21°20	19°39	24°24	7°48	13°26	6°38	15° 4	27°40	5°17	4°12	3°45	5°58	19°21	F 5
S 6	10 54 7	14°45'30	3♊14	18°38	25°35	8°26	13°39	6°45	15° 8	27°43	5°16	4°11	3°42	6° 5	19°23	S 6
S 7	10 58 3	15°46'06	15°16	17°33	26°46	9° 5	13°52	6°53	15°11	27°45	5°15	4°D11	3°38	6°11	19°25	S 7
M 8	11 2 0	16°46'40	27°31	16°26	27°56	9°43	14° 5	7° 0	15°14	27°47	5°14	4°11	3°35	6°18	19°27	M 8
T 9	11 5 56	17°47'12	10♋ 3	15°17	29° 7	10°22	14°18	7° 7	15°17	27°49	5°13	4°12	3°32	6°25	19°29	T 9
W10	11 9 53	18°47'43	22°56	14°10	0♌17	11° 0	14°31	7°14	15°20	27°51	5°12	4°13	3°29	6°31	19°31	W10
T 11	11 13 50	19°48'12	6♌12	13° 5	1°27	11°39	14°43	7°21	15°23	27°54	5°12	4°14	3°26	6°38	19°33	T 11
F 12	11 17 46	20°48'40	19°55	12° 4	2°37	12°17	14°56	7°28	15°26	27°56	5°11	4°15	3°22	6°45	19°35	F 12
S 13	11 21 43	21°49'06	4♍ 2	11° 8	3°47	12°56	15° 9	7°35	15°29	27°58	5°10	4°R16	3°19	6°52	19°38	S 13
S 14	11 25 39	22°49'30	18°31	10°18	4°57	13°34	15°21	7°42	15°32	28° 1	5° 9	4°15	3°16	6°58	19°40	S 14
M15	11 29 36	23°49'52	3♎17	9°34	6° 6	14°13	15°34	7°49	15°35	28° 3	5° 8	4°14	3°13	7° 5	19°42	M15
T 16	11 33 32	24°50'13	18°12	8°58	7°16	14°51	15°46	7°56	15°38	28° 5	5° 8	4°11	3°10	7°12	19°45	T 16
W17	11 37 29	25°50'32	3♏ 8	8°29	8°25	15°30	15°58	8° 3	15°41	28° 7	5° 7	4° 9	3° 7	7°18	19°47	W17
T 18	11 41 25	26°50'50	17°56	8° 7	9°34	16° 8	16°11	8°10	15°44	28°10	5° 6	4° 6	3° 3	7°25	19°50	T 18
F 19	11 45 22	27°51'07	2♐31	7°52	10°43	16°46	16°23	8°17	15°47	28°12	5° 5	4° 3	3° 0	7°32	19°52	F 19
S 20	11 49 18	28°51'22	16°46	7°44	11°52	17°25	16°35	8°24	15°50	28°14	5° 5	4° 1	2°57	7°38	19°55	S 20
S 21	11 53 15	29°51'36	0♑41	7°D44	13° 0	18° 3	16°47	8°31	15°53	28°16	5° 4	4°D 1	2°54	7°45	19°58	S 21
M22	11 57 12	0♈51'49	14°15	7°49	14° 9	18°42	16°59	8°38	15°56	28°19	5° 3	4° 1	2°51	7°52	20° 0	M22
T 23	12 1 8	1°52'00	27°29	8° 1	15°17	19°20	17°11	8°45	15°58	28°21	5° 3	4° 3	2°47	7°59	20° 3	T 23
W24	12 5 5	2°52'10	10♒26	8°18	16°25	19°58	17°23	8°51	16° 1	28°23	5° 2	4° 5	2°44	8° 5	20° 6	W24
T 25	12 9 1	3°52'18	23° 8	8°41	17°33	20°37	17°34	8°58	16° 4	28°26	5° 1	4° 6	2°41	8°12	20° 9	T 25
F 26	12 12 58	4°52'24	5♓38	9° 9	18°41	21°15	17°46	9° 5	16° 6	28°28	5° 1	4°R 6	2°38	8°19	20°11	F 26
S 27	12 16 54	5°52'29	17°56	9°41	19°48	21°53	17°58	9°12	16° 9	28°30	5° 0	4° 5	2°35	8°25	20°14	S 27
S 28	12 20 51	6°52'32	0♈ 7	10°18	20°56	22°31	18° 9	9°18	16°11	28°32	5° 0	4° 3	2°32	8°32	20°17	S 28
M29	12 24 47	7°52'33	12°10	10°59	22° 3	23°10	18°21	9°25	16°14	28°35	4°59	3°58	2°28	8°39	20°20	M29
T 30	12 28 44	8°52'33	24° 7	11°44	23°10	23°48	18°32	9°31	16°17	28°37	4°59	3°53	2°25	8°46	20°23	T 30
W31	12 32 41	9♈52'30	6♉ 0	12♓32	24♉16	24♉26	18♒43	9♓38	16♒19	28♓39	4♌58	3♍46	2♍22	8♌52	20♌26	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s53	0s57	2s36	0s27	2n46	7n25	0s14	23s15	0s 4	17s12	0s17	10s17	1s11	16s51	0s36	1s48	0s53	18n48	0s 1	9n53	10n 0	9n 0	15n 7	2s24
T 2	7 30	2n54	3 30	0 26	2 59	7 56	0 11	23 14	0 5	17 8	0 17	10 15	1 11	16 50	0 36	1 47	0 53	18 48	0 1	9 53	10 1	9 2	15 7	2 24
W 3	7 7	6 36	4 15	0 30	3 11	8 25	0 7	23 13	0 6	17 4	0 17	10 12	1 11	16 49	0 36	1 46	0 53	18 48	0 1	9 54	10 2	9 4	15 8	2 24
T 4	6 44	10 0	4 48	0 39	3 21	8 55	0 3	23 12	0 7	17 1	0 17	10 10	1 11	16 48	0 36	1 45	0 53	18 49	0 1	9 54	10 3	9 5	15 8	2 24
F 5	6 21	13 0	5 9	0 52	3 29	9 25	0n 1	23 11	0 8	16 57	0 17	10 7	1 11	16 47	0 36	1 44	0 53	18 49	0 0	9 55	10 4	9 7	15 9	2 24
S 6	5 58	15 29	5 17	1 10	3 35	9 54	0 5	23 10	0 8	16 54	0 17	10 4	1 11	16 46	0 36	1 43	0 53	18 49	0 0	9 55	10 5	9 9	15 9	2 23
S 7	5 35	17 20	5 11	1 32	3 38	10 23	0 9	23 8	0 9	16 50	0 17	10 2	1 11	16 46	0 36	1 42	0 53	18 50	0 0	9 55	10 7	9 11	15 10	2 23
M 8	5 11	18 25	4 51	1 57	3 40	10 52	0 12	23 6	0 10	16 46	0 17	9 59	1 11	16 45	0 36	1 41	0 53	18 50	0 0	9 55	10 8	9 12	15 11	2 23
T 9	4 48	18 38	4 17	2 24	3 39	11 21	0 16	23 4	0 11	16 43	0 17	9 57	1 11	16 44	0 36	1 41	0 53	18 50	0 0	9 55	10 9	9 14	15 11	2 23
W10	4 24	17 55	3 29	2 53	3 35	11 49	0 21	23 2	0 12	16 39	0 18	9 54	1 11	16 43	0 36	1 40	0 53	18 50	0 0	9 54	10 10	9 16	15 12	2 23
T 11	4 1	16 12	2 29	3 22	3 30	12 17	0 25	23 0	0 13	16 36	0 18	9 52	1 11	16 42	0 36	1 39	0 53	18 51	0 0	9 54	10 11	9 18	15 12	2 23
F 12	3 37	13 30	1 19	3 52	3 22	12 45	0 29	22 57	0 14	16 32	0 18	9 49	1 11	16 41	0 36	1 38	0 53	18 51	0 0	9 53	10 12	9 20	15 13	2 23
S 13	3 14	9 57	0 1	4 22	3 13	13 13	0 33	22 55	0 15	16 29	0 18	9 47	1 12	16 40	0 36	1 37	0 53	18 51	0n 0	9 53	10 13	9 21	15 14	2 23
S 14	2 50	5 43	1n18	4 50	3 3	13 40	0 37	22 52	0 16	16 25	0 18	9 44	1 12	16 39	0 37	1 36	0 53	18 52	0 0	9 53	10 15	9 23	15 14	2 23
M15	2 26	1 3	2 33	5 17	2 51	14 7	0 41	22 49	0 17	16 22	0 18	9 42	1 12	16 38	0 37	1 35	0 53	18 52	0 0	9 54	10 16	9 25	15 15	2 23
T 16	2 2	3s43	3 39	5 42	2 39	14 34	0 46	22 46	0 18	16 18	0 18	9 39	1 12	16 38	0 37	1 34	0 53	18 52	0 0	9 55	10 17	9 27	15 16	2 23
W17	1 39	8 14	4 30	6 5	2 26	15 0	0 50	22 43	0 19	16 14	0 18	9 37	1 12	16 37	0 37	1 33	0 53	18 52	0 0	9 56	10 18	9 28	15 16	2 23
T 18	1 15	12 13	5 2	6 26	2 12	15 26	0 54	22 39	0 20	16 11	0 19	9 34	1 12	16 36	0 37	1 32	0 53	18 53	0 0	9 57	10 19	9 30	15 17	2 23
F 19	0 51	15 23	5 14	6 44	1 58	15 52	0 58	22 36	0 21	16 7	0 19	9 32	1 12	16 35	0 37	1 32	0 53	18 53	0 0	9 58	10 20	9 32	15 18	2 23
S 20	0 27	17 33	5 7	7 0	1 44	16 18	1 3	22 32	0 22	16 4	0 19	9 29	1 12	16 34	0 37	1 31	0 53	18 53	0 0	9 58	10 21	9 34	15 19	2 23
S 21	0 3	18 36	4 41	7 13	1 30	16 43	1 7	22 28	0 23	16 0	0 19	9 27	1 12	16 34	0 37	1 30	0 53	18 53	0 1	9 58	10 23	9 35	15 19	2 23
M22	0n20	18 33	4 0	7 24	1 16	17 7	1 12	22 24	0 24	15 57	0 19	9 24	1 12	16 33	0 37	1 29	0 53	18 53	0 1	9 58	10 24	9 37	15 20	2 23
T 23	0 44	17 28	3 8	7 33	1 2	17 31	1 16	22 19	0 26	15 53	0 19	9 22	1 12	16 32	0 37	1 28	0 53	18 54	0 1	9 58	10 25	9 39	15 21	2 23
W24	1 8	15 29	2 6	7 39	0 49	17 55	1 20	22 15	0 27	15 50	0 19	9 19	1 13	16 31	0 37	1 27	0 53	18 54	0 1	9 57	10 26	9 41	15 21	2 23
T 25	1 32	12 47	1 0	7 43	0 36	18 19	1 25	22 10	0 28	15 47	0 19	9 17	1 13	16 30	0 37	1 26	0 53	18 54	0 1	9 57	10 27	9 42	15 22	2 23
F 26	1 55	9 31	0s 8	7 44	0 23	18 42	1 29	22 6	0 29	15 43	0 20	9 14	1 13	16 30	0 37	1 25	0 53	18 54	0 1	9 56	10 28	9 44	15 23	2 23
S 27	2 19	5 53	1 15	7 44	0 10	19 4	1 33	22 1	0 30	15 40	0 20	9 12	1 13	16 29	0 37	1 24	0 53	18 54	0 1	9 57	10 29	9 46	15 24	2 23
S 28	2 43	2 4	2 17	7 41	0s 2	19 27	1 38	21 56	0 31	15 36	0 20	9 10	1 13	16 28	0 37	1 24	0 53	18 55	0 1	9 58	10 30	9 48	15 25	2 23
M29	3 6	1n49	3 13	7 36	0 13	19 48	1 42	21 51	0 32	15 33	0 20	9 7	1 13	16 27	0 37	1 23	0 53	18 55	0 1	9 59	10 32	9 50	15 25	2 23
T 30	3 30	5 35	3 59	7 30	0 25	20 10	1 47	21 45	0 34	15 30	0 20	9 5	1 13	16 27	0 37	1 22	0 53	18 55	0 1	10 1	10 33	9 51	15 26	2 23
W31	3n53	9n 7	4s35	7s21	0s35	20n31	1n51	21s40	0s35	15s26	0s20	9s 3	1s13	16s26	0s37	1s21	0s53	18n55	0n 1	10n 4	10n34	9n53	15n27	2s23

Julian Day Number = 2879302.5, Delta T = 01h15m00s
Ecliptic obliquity = 23°17'08, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°08'29, Lahiri = 40°15'30

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3171
geocentric

APRIL 3171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 36 37	10♈52'26	17♉52	13♓24	25♉23	25♊ 4	18♒54	9♓44	16♒21	28♓41	4°R58	3°R39	2♍19	8♉59	20♉29	T 1
F 2	12 40 34	11°52'19	29°43	14°19	26°29	25°42	19° 5	9°51	16°24	28°44	4♌58	3♍32	2°16	9° 6	20°32	F 2
S 3	12 44 30	12°52'11	11♊37	15°17	27°35	26°21	19°16	9°57	16°26	28°46	4°57	3°26	2°13	9°12	20°35	S 3
S 4	12 48 27	13°52'00	23°38	16°17	28°41	26°59	19°27	10° 4	16°28	28°48	4°57	3°22	2° 9	9°19	20°38	S 4
M 5	12 52 23	14°51'47	5♋50	17°20	29°46	27°37	19°38	10°10	16°31	28°50	4°57	3°20	2° 6	9°26	20°41	M 5
T 6	12 56 20	15°51'32	18°17	18°26	0♊52	28°15	19°49	10°17	16°33	28°53	4°56	3°D20	2° 3	9°33	20°45	T 6
W 7	13 0 16	16°51'15	1♌ 3	19°33	1°57	28°53	19°59	10°23	16°35	28°55	4°56	3°21	2° 0	9°39	20°48	W 7
T 8	13 4 13	17°50'56	14°13	20°43	3° 2	29°31	20°10	10°29	16°37	28°57	4°56	3°22	1°57	9°46	20°51	T 8
F 9	13 8 10	18°50'34	27°50	21°55	4° 6	0♒ 9	20°20	10°35	16°39	28°59	4°55	3°R23	1°53	9°53	20°54	F 9
S 10	13 12 6	19°50'10	11♍55	23° 9	5°10	0°47	20°30	10°41	16°41	29° 1	4°55	3°23	1°50	9°59	20°58	S 10
S 11	13 16 3	20°49'44	26°28	24°25	6°14	1°24	20°41	10°47	16°43	29° 3	4°55	3°21	1°47	10° 6	21° 1	S 11
M12	13 19 59	21°49'16	11♎24	25°43	7°18	2° 2	20°51	10°53	16°45	29° 6	4°55	3°17	1°44	10°13	21° 4	M12
T 13	13 23 56	22°48'46	26°35	27° 3	8°21	2°40	21° 1	10°59	16°47	29° 8	4°55	3°10	1°41	10°20	21° 8	T 13
W14	13 27 52	23°48'14	11♏51	28°24	9°24	3°18	21°10	11° 5	16°49	29°10	4°55	3° 3	1°38	10°26	21°11	W14
T 15	13 31 49	24°47'40	27° 2	29°47	10°27	3°56	21°20	11°11	16°51	29°12	4°55	2°55	1°34	10°33	21°15	T 15
F 16	13 35 45	25°47'04	11♐57	1♈12	11°29	4°33	21°30	11°17	16°53	29°14	4°54	2°48	1°31	10°40	21°18	F 16
S 17	13 39 42	26°46'27	26°29	2°38	12°31	5°11	21°39	11°23	16°55	29°16	4°54	2°42	1°28	10°46	21°21	S 17
S 18	13 43 38	27°45'48	10♑34	4° 5	13°32	5°49	21°49	11°29	16°56	29°18	4°D54	2°39	1°25	10°53	21°25	S 18
M19	13 47 35	28°45'07	24°12	5°35	14°34	6°27	21°58	11°34	16°58	29°20	4°54	2°D37	1°22	11° 0	21°28	M19
T 20	13 51 32	29°44'25	7♒24	7° 5	15°34	7° 4	22° 7	11°40	17° 0	29°22	4°54	2°37	1°19	11° 7	21°32	T 20
W21	13 55 28	0♉43'40	20°14	8°38	16°35	7°42	22°16	11°45	17° 1	29°24	4°55	2°38	1°15	11°13	21°35	W21
T 22	13 59 25	1°42'54	2♓45	10°12	17°35	8°19	22°25	11°51	17° 3	29°26	4°55	2°R39	1°12	11°20	21°39	T 22
F 23	14 3 21	2°42'07	15° 2	11°47	18°35	8°57	22°34	11°56	17° 4	29°28	4°55	2°38	1° 9	11°27	21°43	F 23
S 24	14 7 18	3°41'17	27° 9	13°24	19°34	9°34	22°42	12° 2	17° 6	29°30	4°55	2°35	1° 6	11°33	21°46	S 24
S 25	14 11 14	4°40'26	9♈ 8	15° 2	20°33	10°12	22°51	12° 7	17° 7	29°32	4°55	2°29	1° 3	11°40	21°50	S 25
M26	14 15 11	5°39'32	21° 3	16°41	21°31	10°49	22°59	12°12	17° 8	29°34	4°55	2°21	0°59	11°47	21°53	M26
T 27	14 19 7	6°38'37	2♉56	18°23	22°29	11°26	23° 8	12°17	17°10	29°36	4°55	2°10	0°56	11°54	21°57	T 27
W28	14 23 4	7°37'40	14°47	20° 5	23°26	12° 3	23°16	12°22	17°11	29°38	4°56	1°58	0°53	12° 0	22° 1	W28
T 29	14 27 1	8°36'41	26°39	21°49	24°23	12°41	23°24	12°27	17°12	29°40	4°56	1°45	0°50	12° 7	22° 4	T 29
F 30	14 30 57	9♉35'40	8♊33	23♈35	25♊20	13♒18	23♒32	12♓32	17♒13	29♓42	4♌56	1♍33	0♍47	12♉14	22♉ 8	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n17	12n16	4s58	7s11	0s45	20n51	1n55	21s34	0s36	15s23	0s20	9s 0	1s13	16s25	0s37	1s20	0s53	18n55	0n 1	10n 6	10n35	9n55	15n28	2s23
F 2	4 40	14 55	5 9	6 59	0 55	21 11	2 0	21 28	0 37	15 20	0 21	8 58	1 14	16 25	0 37	1 19	0 53	18 55	0 1	10 9	10 36	9 57	15 29	2 23
S 3	5 3	16 58	5 7	6 46	1 5	21 30	2 4	21 23	0 38	15 16	0 21	8 56	1 14	16 24	0 37	1 18	0 53	18 56	0 1	10 11	10 37	9 58	15 29	2 23
S 4	5 26	18 17	4 51	6 30	1 13	21 49	2 8	21 16	0 40	15 13	0 21	8 53	1 14	16 23	0 37	1 17	0 53	18 56	0 1	10 12	10 38	10 0	15 30	2 23
M 5	5 49	18 48	4 22	6 14	1 22	22 8	2 12	21 10	0 41	15 10	0 21	8 51	1 14	16 23	0 37	1 17	0 53	18 56	0 1	10 13	10 40	10 2	15 31	2 23
T 6	6 12	18 25	3 40	5 55	1 30	22 26	2 17	21 4	0 42	15 7	0 21	8 49	1 14	16 22	0 37	1 16	0 53	18 56	0 2	10 13	10 41	10 4	15 32	2 23
W 7	6 35	17 6	2 46	5 36	1 37	22 43	2 21	20 58	0 43	15 4	0 21	8 46	1 14	16 21	0 37	1 15	0 53	18 56	0 2	10 13	10 42	10 5	15 33	2 23
T 8	6 58	14 50	1 42	5 15	1 44	23 0	2 25	20 51	0 45	15 0	0 21	8 44	1 14	16 21	0 37	1 14	0 53	18 56	0 2	10 12	10 43	10 7	15 34	2 23
F 9	7 20	11 41	0 30	4 52	1 50	23 16	2 29	20 44	0 46	14 57	0 22	8 42	1 14	16 20	0 37	1 13	0 53	18 56	0 2	10 12	10 44	10 9	15 34	2 23
S 10	7 43	7 45	0n46	4 29	1 56	23 32	2 33	20 37	0 47	14 54	0 22	8 40	1 15	16 20	0 37	1 12	0 53	18 57	0 2	10 12	10 45	10 11	15 35	2 23
S 11	8 5	3 15	2 1	4 4	2 2	23 48	2 37	20 30	0 48	14 51	0 22	8 38	1 15	16 19	0 37	1 12	0 54	18 57	0 2	10 13	10 46	10 12	15 36	2 23
M12	8 27	1s34	3 10	3 38	2 7	24 2	2 41	20 23	0 50	14 48	0 22	8 36	1 15	16 18	0 37	1 11	0 54	18 57	0 2	10 14	10 47	10 14	15 37	2 23
T 13	8 49	6 21	4 7	3 11	2 11	24 17	2 45	20 16	0 51	14 45	0 22	8 33	1 15	16 18	0 37	1 10	0 54	18 57	0 2	10 17	10 49	10 16	15 38	2 23
W14	9 11	10 45	4 46	2 42	2 15	24 30	2 49	20 9	0 53	14 42	0 22	8 31	1 15	16 17	0 37	1 9	0 54	18 57	0 2	10 19	10 50	10 18	15 39	2 23
T 15	9 33	14 25	5 5	2 13	2 19	24 43	2 53	20 1	0 54	14 39	0 22	8 29	1 15	16 17	0 37	1 8	0 54	18 57	0 2	10 22	10 51	10 19	15 40	2 23
F 16	9 54	17 5	5 3	1 42	2 22	24 56	2 57	19 54	0 55	14 36	0 23	8 27	1 15	16 16	0 37	1 7	0 54	18 57	0 2	10 25	10 52	10 21	15 40	2 23
S 17	10 15	18 34	4 41	1 10	2 25	25 8	3 1	19 46	0 57	14 33	0 23	8 25	1 16	16 16	0 38	1 7	0 54	18 57	0 2	10 27	10 53	10 23	15 41	2 23
S 18	10 37	18 51	4 2	0 38	2 27	25 20	3 4	19 38	0 58	14 30	0 23	8 23	1 16	16 15	0 38	1 6	0 54	18 57	0 2	10 28	10 54	10 24	15 42	2 23
M19	10 58	18 0	3 11	0 4	2 28	25 30	3 8	19 30	1 0	14 28	0 23	8 21	1 16	16 15	0 38	1 5	0 54	18 57	0 2	10 28	10 55	10 26	15 43	2 23
T 20	11 19	16 11	2 11	0n30	2 30	25 41	3 11	19 22	1 1	14 25	0 23	8 19	1 16	16 14	0 38	1 4	0 54	18 57	0 2	10 28	10 56	10 28	15 44	2 23
W21	11 39	13 36	1 6	1 6	2 30	25 51	3 15	19 14	1 2	14 22	0 23	8 17	1 16	16 14	0 38	1 3	0 54	18 57	0 2	10 28	10 58	10 30	15 45	2 23
T 22	12 0	10 26	0s 1	1 42	2 30	26 0	3 18	19 6	1 4	14 19	0 24	8 15	1 16	16 14	0 38	1 3	0 54	18 57	0 2	10 28	10 59	10 31	15 46	2 23
F 23	12 20	6 52	1 6	2 19	2 30	26 9	3 21	18 57	1 5	14 17	0 24	8 13	1 16	16 13	0 38	1 2	0 54	18 57	0 3	10 28	11 0	10 33	15 47	2 23
S 24	12 40	3 4	2 7	2 57	2 29	26 17	3 25	18 49	1 7	14 14	0 24	8 11	1 17	16 13	0 38	1 1	0 54	18 57	0 3	10 29	11 1	10 35	15 47	2 23
S 25	13 0	0n49	3 2	3 36	2 28	26 24	3 28	18 40	1 8	14 11	0 24	8 9	1 17	16 12	0 38	1 0	0 54	18 57	0 3	10 31	11 2	10 37	15 48	2 23
M26	13 19	4 38	3 48	4 16	2 26	26 31	3 31	18 32	1 10	14 9	0 24	8 8	1 17	16 12	0 38	1 0	0 54	18 57	0 3	10 34	11 3	10 38	15 49	2 23
T 27	13 39	8 16	4 24	4 56	2 24	26 38	3 34	18 23	1 12	14 6	0 24	8 6	1 17	16 12	0 38	0 59	0 54	18 57	0 3	10 38	11 4	10 40	15 50	2 23
W28	13 58	11 34	4 49	5 37	2 21	26 44	3 36	18 14	1 13	14 4	0 25	8 4	1 17	16 11	0 38	0 58	0 54	18 57	0 3	10 42	11 5	10 42	15 51	2 23
T 29	14 17	14 24	5 1	6 19	2 18	26 49	3 39	18 5	1 15	14 1	0 25	8 2	1 17	16 11	0 38	0 57	0 54	18 57	0 3	10 47	11 7	10 44	15 52	2 23
F 30	14n36	16n39	5s 0	7n 1	2s15	26n54	3n42	17s56	1s16	13s59	0s25	8s 0	1s18	16s11	0s38	0s57	0s54	18n57	0n 3	10n51	11n 8	10n45	15n53	2s23

Julian Day Number = 2879333.5, Delta T = 01h15m00s
Ecliptic obliquity = 23°17'08, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°08'34, Lahiri = 40°15'34

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ASTRODIENST EPHEMERIS for the year 3171
geocentric

MAY 3171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 34 54	10♉34'37	20♊31	25♈22	26♊16	13♒55	23♒39	12♓37	17♒14	29♓44	4♌56	1°R22	0♍44	12♉20	22♉12	S 1
S 2	14 38 50	11°33'31	2♋35	27°11	27°11	14°32	23°47	12°42	17°15	29°45	4°57	1♍13	0°40	12°27	22°15	S 2
M 3	14 42 47	12°32'24	14°48	29° 1	28° 6	15° 9	23°54	12°47	17°16	29°47	4°57	1° 7	0°37	12°34	22°19	M 3
T 4	14 46 43	13°31'14	27°14	0♉53	29° 0	15°46	24° 1	12°52	17°17	29°49	4°57	1° 4	0°34	12°41	22°23	T 4
W 5	14 50 40	14°30'03	9♌56	2°46	29°53	16°23	24° 9	12°56	17°18	29°51	4°58	1°D 3	0°31	12°47	22°27	W 5
T 6	14 54 36	15°28'49	23° 0	4°41	0♋46	16°59	24°16	13° 1	17°19	29°52	4°58	1° 3	0°28	12°54	22°30	T 6
F 7	14 58 33	16°27'32	6♍28	6°37	1°38	17°36	24°22	13° 5	17°20	29°54	4°59	1°R 3	0°24	13° 1	22°34	F 7
S 8	15 2 30	17°26'14	20°23	8°35	2°30	18°13	24°29	13°10	17°21	29°56	4°59	1° 2	0°21	13° 7	22°38	S 8
S 9	15 6 26	18°24'53	4♎47	10°34	3°21	18°49	24°36	13°14	17°21	29°58	5° 0	0°58	0°18	13°14	22°41	S 9
M10	15 10 23	19°23'30	19°36	12°35	4°11	19°26	24°42	13°18	17°22	29°59	5° 0	0°53	0°15	13°21	22°45	M10
T 11	15 14 19	20°22'05	4♏46	14°37	5° 0	20° 2	24°48	13°22	17°23	0♈ 1	5° 1	0°44	0°12	13°28	22°49	T 11
W12	15 18 16	21°20'38	20° 5	16°41	5°49	20°39	24°54	13°26	17°23	0° 2	5° 1	0°34	0° 9	13°34	22°53	W12
T 13	15 22 12	22°19'10	5♐24	18°46	6°36	21°15	25° 0	13°30	17°24	0° 4	5° 2	0°23	0° 5	13°41	22°56	T 13
F 14	15 26 9	23°17'40	20°30	20°52	7°23	21°51	25° 6	13°34	17°24	0° 6	5° 2	0°13	0° 2	13°48	23° 0	F 14
S 15	15 30 5	24°16'08	5♑15	22°59	8° 9	22°27	25°12	13°38	17°24	0° 7	5° 3	0° 4	29♌59	13°54	23° 4	S 15
S 16	15 34 2	25°14'34	19°31	25° 7	8°54	23° 3	25°17	13°42	17°25	0° 9	5° 4	29♌58	29°56	14° 1	23° 8	S 16
M17	15 37 59	26°12'59	3♒18	27°15	9°38	23°39	25°22	13°46	17°25	0°10	5° 4	29°55	29°53	14° 8	23°11	M17
T 18	15 41 55	27°11'22	16°35	29°25	10°21	24°15	25°27	13°49	17°25	0°12	5° 5	29°53	29°50	14°15	23°15	T 18
W19	15 45 52	28° 9'44	29°27	1♊34	11° 3	24°51	25°32	13°53	17°25	0°13	5° 6	29°53	29°46	14°21	23°19	W19
T 20	15 49 48	29° 8'04	11♓57	3°43	11°44	25°27	25°37	13°56	17°26	0°14	5° 7	29°53	29°43	14°28	23°23	T 20
F 21	15 53 45	0♊ 6'23	24°11	5°52	12°24	26° 2	25°42	14° 0	17°26	0°16	5° 7	29°52	29°40	14°35	23°26	F 21
S 22	15 57 41	1° 4'40	6♈13	8° 1	13° 2	26°38	25°46	14° 3	17°R26	0°17	5° 8	29°48	29°37	14°41	23°30	S 22
S 23	16 1 38	2° 2'56	18° 7	10° 8	13°40	27°13	25°50	14° 6	17°26	0°18	5° 9	29°42	29°34	14°48	23°34	S 23
M24	16 5 34	3° 1'10	29°58	12°15	14°16	27°49	25°54	14° 9	17°26	0°20	5°10	29°33	29°30	14°55	23°38	M24
T 25	16 9 31	3°59'23	11♉49	14°20	14°51	28°24	25°58	14°12	17°26	0°21	5°11	29°21	29°27	15° 2	23°41	T 25
W26	16 13 28	4°57'34	23°41	16°23	15°25	28°59	26° 2	14°15	17°25	0°22	5°11	29° 7	29°24	15° 8	23°45	W26
T 27	16 17 24	5°55'44	5♊36	18°24	15°57	29°34	26° 6	14°18	17°25	0°23	5°12	28°53	29°21	15°15	23°49	T 27
F 28	16 21 21	6°53'52	17°36	20°23	16°28	0♓ 9	26° 9	14°21	17°25	0°25	5°13	28°40	29°18	15°22	23°52	F 28
S 29	16 25 17	7°51'58	29°41	22°19	16°57	0°44	26°12	14°23	17°25	0°26	5°14	28°27	29°15	15°28	23°56	S 29
S 30	16 29 14	8°50'03	11♋54	24°13	17°25	1°18	26°15	14°26	17°24	0°27	5°15	28°18	29°11	15°35	24° 0	S 30
M31	16 33 10	9♊48'06	24♋16	26♊ 4	17♋51	1♓53	26♒18	14♓28	17♒24	0♈28	5♌16	28♌11	29♌ 8	15♉42	24♉ 3	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n54	18n12	4s45	7n43	2s10	26n58	3n44	17s47	1s18	13s57	0s25	7s59	1s18	16s10	0s38	0s56	0s54	18n57	0n 3	10n55	11n 9	10n47	15n54	2s23
S 2	15 12	18 57	4 18	8 27	2 6	27 2	3 46	17 38	1 19	13 54	0 25	7 57	1 18	16 10	0 38	0 55	0 54	18 57	0 3	10 58	11 10	10 49	15 55	2 23
M 3	15 30	18 50	3 39	9 10	2 0	27 5	3 49	17 29	1 21	13 52	0 25	7 55	1 18	16 10	0 38	0 55	0 54	18 57	0 3	11 0	11 11	10 50	15 55	2 23
T 4	15 48	17 49	2 49	9 55	1 55	27 8	3 51	17 20	1 23	13 50	0 26	7 54	1 18	16 10	0 38	0 54	0 54	18 57	0 3	11 2	11 12	10 52	15 56	2 23
W 5	16 5	15 53	1 50	10 39	1 49	27 10	3 53	17 10	1 24	13 48	0 26	7 52	1 18	16 9	0 38	0 53	0 54	18 57	0 3	11 2	11 13	10 54	15 57	2 23
T 6	16 22	13 6	0 43	11 24	1 42	27 11	3 54	17 1	1 26	13 46	0 26	7 51	1 19	16 9	0 38	0 53	0 54	18 57	0 3	11 2	11 14	10 56	15 58	2 23
F 7	16 39	9 32	0n29	12 8	1 35	27 13	3 56	16 51	1 28	13 43	0 26	7 49	1 19	16 9	0 38	0 52	0 54	18 57	0 3	11 2	11 15	10 57	15 59	2 23
S 8	16 56	5 20	1 41	12 53	1 27	27 13	3 58	16 42	1 30	13 41	0 26	7 48	1 19	16 9	0 38	0 51	0 54	18 57	0 3	11 2	11 17	10 59	16 0	2 23
S 9	17 12	0 41	2 48	13 38	1 19	27 14	3 59	16 32	1 31	13 39	0 26	7 46	1 19	16 9	0 38	0 51	0 54	18 57	0 4	11 3	11 18	11 1	16 1	2 23
M10	17 28	4s 7	3 47	14 23	1 11	27 13	4 0	16 22	1 33	13 37	0 27	7 45	1 19	16 8	0 38	0 50	0 54	18 57	0 4	11 6	11 19	11 2	16 2	2 24
T 11	17 44	8 46	4 31	15 8	1 2	27 13	4 1	16 13	1 35	13 36	0 27	7 43	1 20	16 8	0 38	0 50	0 54	18 57	0 4	11 9	11 20	11 4	16 2	2 24
W12	17 59	12 54	4 56	15 52	0 53	27 11	4 2	16 3	1 37	13 34	0 27	7 42	1 20	16 8	0 38	0 49	0 54	18 57	0 4	11 12	11 21	11 6	16 3	2 24
T 13	18 14	16 9	4 59	16 36	0 44	27 10	4 3	15 53	1 38	13 32	0 27	7 40	1 20	16 8	0 39	0 48	0 54	18 57	0 4	11 16	11 22	11 8	16 4	2 24
F 14	18 29	18 15	4 42	17 19	0 34	27 8	4 3	15 43	1 40	13 30	0 27	7 39	1 20	16 8	0 39	0 48	0 54	18 57	0 4	11 20	11 23	11 9	16 5	2 24
S 15	18 43	19 5	4 6	18 1	0 24	27 5	4 4	15 33	1 42	13 29	0 28	7 38	1 20	16 8	0 39	0 47	0 54	18 57	0 4	11 23	11 24	11 11	16 6	2 24
S 16	18 57	18 38	3 16	18 42	0 13	27 3	4 4	15 23	1 44	13 27	0 28	7 37	1 20	16 8	0 39	0 47	0 54	18 57	0 4	11 25	11 25	11 13	16 7	2 24
M17	19 11	17 6	2 16	19 22	0 3	26 59	4 4	15 13	1 46	13 25	0 28	7 35	1 21	16 8	0 39	0 46	0 54	18 56	0 4	11 26	11 27	11 14	16 8	2 24
T 18	19 24	14 39	1 10	20 1	0n 8	26 56	4 3	15 3	1 48	13 24	0 28	7 34	1 21	16 8	0 39	0 46	0 55	18 56	0 4	11 26	11 28	11 16	16 8	2 24
W19	19 37	11 33	0 2	20 38	0 18	26 52	4 3	14 53	1 50	13 22	0 28	7 33	1 21	16 8	0 39	0 45	0 55	18 56	0 4	11 26	11 29	11 18	16 9	2 24
T 20	19 50	8 1	1s 3	21 14	0 29	26 47	4 2	14 42	1 51	13 21	0 29	7 32	1 21	16 8	0 39	0 44	0 55	18 56	0 4	11 26	11 30	11 20	16 10	2 24
F 21	20 3	4 12	2 5	21 47	0 39	26 43	4 1	14 32	1 53	13 20	0 29	7 31	1 21	16 8	0 39	0 44	0 55	18 56	0 4	11 27	11 31	11 21	16 11	2 24
S 22	20 15	0 18	2 59	22 19	0 49	26 38	4 0	14 22	1 55	13 18	0 29	7 30	1 22	16 8	0 39	0 43	0 55	18 56	0 4	11 28	11 32	11 23	16 12	2 24
S 23	20 26	3n35	3 45	22 48	0 59	26 32	3 58	14 12	1 57	13 17	0 29	7 29	1 22	16 8	0 39	0 43	0 55	18 56	0 4	11 30	11 33	11 25	16 13	2 24
M24	20 38	7 18	4 21	23 15	1 9	26 27	3 57	14 2	1 59	13 16	0 29	7 28	1 22	16 8	0 39	0 42	0 55	18 56	0 4	11 34	11 34	11 26	16 13	2 25
T 25	20 49	10 44	4 46	23 40	1 18	26 21	3 55	13 51	2 1	13 15	0 30	7 27	1 22	16 8	0 39	0 42	0 55	18 55	0 4	11 38	11 35	11 28	16 14	2 25
W26	20 59	13 45	4 58	24 2	1 27	26 15	3 52	13 41	2 3	13 14	0 30	7 26	1 22	16 8	0 39	0 42	0 55	18 55	0 5	11 42	11 36	11 30	16 15	2 25
T 27	21 9	16 13	4 58	24 22	1 35	26 8	3 50	13 31	2 6	13 13	0 30	7 25	1 23	16 8	0 39	0 41	0 55	18 55	0 5	11 47	11 38	11 31	16 16	2 25
F 28	21 19	18 0	4 44	24 39	1 43	26 2	3 47	13 20	2 8	13 12	0 30	7 24	1 23	16 8	0 39	0 41	0 55	18 55	0 5	11 52	11 39	11 33	16 17	2 25
S 29	21 29	19 0	4 17	24 53	1 50	25 55	3 44	13 10	2 10	13 11	0 30	7 23	1 23	16 8	0 39	0 40	0 55	18 55	0 5	11 56	11 40	11 35	16 17	2 25
S 30	21 38	19 8	3 38	25 5	1 56	25 48	3 40	13 0	2 12	13 10	0 31	7 22	1 23	16 8	0 39	0 40	0 55	18 55	0 5	11 59	11 41	11 36	16 18	2 25
M31	21n47	18n21	2s49	25n15	2n 1	25n41	3n36	12s49	2s14	13s 9	0s31	7s21	1s23	16s 9	0s39	0s39	0s55	18n54	0n 5	12n 2	11n42	11n38	16n19	2s25

Julian Day Number = 2879363.5, Delta T = 01h15m01s
Ecliptic obliquity = 23°17'08, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°08'38, Lahiri = 40°15'38

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ASTRODIENST EPHEMERIS for the year 3171
geocentric

JUNE 3171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 37 7	10♊46'07	6♌48	27♊52	18♋16	2♓27	26♒21	14♓31	17°R23	0♈29	5♌17	28°R 7	29♌ 5	15♉49	24♉ 7	T 1
W 2	16 41 3	11°44'07	19°35	29°36	18°39	3° 1	26°23	14°33	17♒23	0°30	5°18	28♌ 5	29° 2	15°55	24°11	W 2
T 3	16 45 0	12°42'04	2♍38	1♋18	19° 0	3°36	26°25	14°35	17°22	0°31	5°19	28°D 5	28°59	16° 2	24°14	T 3
F 4	16 48 57	13°40'00	16° 2	2°56	19°19	4° 9	26°27	14°37	17°22	0°32	5°20	28°R 5	28°56	16° 9	24°18	F 4
S 5	16 52 53	14°37'54	29°49	4°31	19°36	4°43	26°29	14°39	17°21	0°33	5°21	28° 5	28°52	16°16	24°21	S 5
S 6	16 56 50	15°35'47	14♎ 1	6° 3	19°51	5°17	26°31	14°41	17°20	0°34	5°22	28° 2	28°49	16°22	24°25	S 6
M 7	17 0 46	16°33'37	28°35	7°30	20° 4	5°51	26°32	14°43	17°20	0°35	5°23	27°57	28°46	16°29	24°28	M 7
T 8	17 4 43	17°31'26	13♏29	8°55	20°15	6°24	26°34	14°45	17°19	0°35	5°24	27°49	28°43	16°36	24°32	T 8
W 9	17 8 39	18°29'14	28°35	10°16	20°24	6°57	26°35	14°46	17°18	0°36	5°26	27°40	28°40	16°42	24°35	W 9
T 10	17 12 36	19°27'00	13♐44	11°33	20°31	7°30	26°36	14°48	17°17	0°37	5°27	27°30	28°36	16°49	24°39	T 10
F 11	17 16 32	20°24'45	28°45	12°46	20°35	8° 3	26°37	14°49	17°16	0°38	5°28	27°21	28°33	16°56	24°42	F 11
S 12	17 20 29	21°22'29	13♑28	13°56	20°R37	8°36	26°37	14°51	17°15	0°39	5°29	27°13	28°30	17° 3	24°46	S 12
S 13	17 24 26	22°20'11	27°48	15° 2	20°37	9° 8	26°38	14°52	17°14	0°39	5°30	27° 7	28°27	17° 9	24°49	S 13
M14	17 28 22	23°17'52	11♒39	16° 4	20°34	9°41	26°38	14°53	17°13	0°40	5°32	27° 4	28°24	17°16	24°53	M14
T 15	17 32 19	24°15'33	25° 2	17° 3	20°29	10°13	26°R38	14°54	17°12	0°41	5°33	27°D 3	28°21	17°23	24°56	T 15
W16	17 36 15	25°13'12	7♓59	17°57	20°22	10°45	26°38	14°55	17°11	0°41	5°34	27° 4	28°17	17°29	25° 0	W16
T 17	17 40 12	26°10'50	20°33	18°47	20°12	11°17	26°37	14°56	17°10	0°42	5°35	27°R 4	28°14	17°36	25° 3	T 17
F 18	17 44 8	27° 8'28	2♈49	19°33	20° 0	11°49	26°37	14°57	17° 9	0°42	5°36	27° 4	28°11	17°43	25° 6	F 18
S 19	17 48 5	28° 6'04	14°52	20°15	19°45	12°20	26°36	14°57	17° 7	0°43	5°38	27° 3	28° 8	17°50	25° 9	S 19
S 20	17 52 1	29° 3'40	26°46	20°53	19°28	12°51	26°35	14°58	17° 6	0°43	5°39	26°59	28° 5	17°56	25°13	S 20
M21	17 55 58	0♋ 1'15	8♉37	21°26	19° 9	13°22	26°34	14°58	17° 5	0°44	5°40	26°53	28° 2	18° 3	25°16	M21
T 22	17 59 55	0°58'49	20°29	21°55	18°47	13°53	26°33	14°59	17° 3	0°44	5°42	26°45	27°58	18°10	25°19	T 22
W23	18 3 51	1°56'23	2♊23	22°19	18°23	14°23	26°31	14°59	17° 2	0°44	5°43	26°36	27°55	18°17	25°22	W23
T 24	18 7 48	2°53'55	14°24	22°39	17°58	14°54	26°29	14°59	17° 0	0°45	5°44	26°26	27°52	18°23	25°26	T 24
F 25	18 11 44	3°51'27	26°32	22°54	17°30	15°24	26°27	14°R59	16°59	0°45	5°46	26°16	27°49	18°30	25°29	F 25
S 26	18 15 41	4°48'58	8♋48	23° 5	17° 0	15°53	26°25	14°59	16°57	0°45	5°47	26° 7	27°46	18°37	25°32	S 26
S 27	18 19 37	5°46'28	21°15	23°11	16°29	16°23	26°23	14°59	16°56	0°45	5°49	26° 0	27°42	18°43	25°35	S 27
M28	18 23 34	6°43'57	3♌51	23°R12	15°56	16°52	26°21	14°59	16°54	0°46	5°50	25°56	27°39	18°50	25°38	M28
T 29	18 27 30	7°41'25	16°39	23° 9	15°22	17°21	26°18	14°58	16°52	0°46	5°51	25°54	27°36	18°57	25°41	T 29
W30	18 31 27	8♋38'52	29♌39	23♋ 2	14♋47	17♓50	26♒15	14♓58	16♒51	0♈46	5♌53	25°D53	27♌33	19♉ 4	25♉44	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n55	16n40	1s50	25n22	2n 6	25n33	3n32	12s39	2s16	13s 9	0s31	7s21	1s24	16s 9	0s39	0s39	0s55	18n54	0n 5	12n 3	11n43	11n40	16n20	2s25
W 2	22 3	14 8	0 45	25 27	2 10	25 26	3 28	12 29	2 18	13 8	0 31	7 20	1 24	16 9	0 39	0 39	0 55	18 54	0 5	12 4	11 44	11 42	16 21	2 25
T 3	22 10	10 51	0n24	25 30	2 13	25 18	3 23	12 19	2 20	13 7	0 31	7 19	1 24	16 9	0 39	0 38	0 55	18 54	0 5	12 4	11 45	11 43	16 21	2 26
F 4	22 18	6 55	1 34	25 30	2 15	25 10	3 18	12 8	2 23	13 7	0 32	7 19	1 24	16 9	0 39	0 38	0 55	18 54	0 5	12 4	11 46	11 45	16 22	2 26
S 5	22 24	2 31	2 40	25 29	2 16	25 2	3 12	11 58	2 25	13 6	0 32	7 18	1 24	16 10	0 39	0 38	0 55	18 54	0 5	12 4	11 47	11 47	16 23	2 26
S 6	22 31	2s 8	3 38	25 26	2 17	24 54	3 6	11 48	2 27	13 6	0 32	7 18	1 25	16 10	0 39	0 37	0 55	18 53	0 5	12 5	11 49	11 48	16 24	2 26
M 7	22 37	6 47	4 24	25 21	2 16	24 45	3 0	11 38	2 29	13 6	0 32	7 17	1 25	16 10	0 39	0 37	0 55	18 53	0 5	12 7	11 50	11 50	16 24	2 26
T 8	22 42	11 7	4 53	25 14	2 15	24 37	2 53	11 27	2 32	13 5	0 32	7 17	1 25	16 10	0 39	0 37	0 55	18 53	0 5	12 9	11 51	11 52	16 25	2 26
W 9	22 47	14 48	5 2	25 6	2 13	24 29	2 46	11 17	2 34	13 5	0 33	7 16	1 25	16 11	0 40	0 36	0 55	18 53	0 5	12 12	11 52	11 53	16 26	2 26
T 10	22 52	17 30	4 50	24 57	2 10	24 20	2 38	11 7	2 36	13 5	0 33	7 16	1 25	16 11	0 40	0 36	0 55	18 52	0 5	12 16	11 53	11 55	16 26	2 26
F 11	22 57	18 58	4 19	24 46	2 6	24 11	2 30	10 57	2 39	13 5	0 33	7 16	1 26	16 11	0 40	0 36	0 55	18 52	0 6	12 19	11 54	11 57	16 27	2 27
S 12	23 0	19 8	3 30	24 34	2 1	24 2	2 21	10 47	2 41	13 5	0 33	7 15	1 26	16 12	0 40	0 36	0 55	18 52	0 6	12 22	11 55	11 58	16 28	2 27
S 13	23 4	18 2	2 29	24 21	1 55	23 54	2 12	10 37	2 43	13 5	0 34	7 15	1 26	16 12	0 40	0 35	0 55	18 52	0 6	12 23	11 56	12 0	16 29	2 27
M14	23 7	15 53	1 21	24 8	1 49	23 45	2 3	10 27	2 46	13 5	0 34	7 15	1 26	16 12	0 40	0 35	0 56	18 52	0 6	12 25	11 57	12 2	16 29	2 27
T 15	23 10	12 55	0 11	23 53	1 41	23 36	1 53	10 17	2 48	13 5	0 34	7 14	1 27	16 13	0 40	0 35	0 56	18 51	0 6	12 25	11 58	12 3	16 30	2 27
W16	23 12	9 25	0s58	23 38	1 33	23 27	1 43	10 7	2 51	13 6	0 34	7 14	1 27	16 13	0 40	0 35	0 56	18 51	0 6	12 25	12 0	12 5	16 31	2 27
T 17	23 14	5 36	2 2	23 22	1 24	23 17	1 32	9 57	2 53	13 6	0 34	7 14	1 27	16 13	0 40	0 35	0 56	18 51	0 6	12 25	12 1	12 7	16 31	2 27
F 18	23 15	1 38	2 59	23 5	1 14	23 8	1 21	9 48	2 56	13 6	0 35	7 14	1 27	16 14	0 40	0 34	0 56	18 51	0 6	12 25	12 2	12 8	16 32	2 27
S 19	23 16	2n20	3 47	22 48	1 3	22 59	1 9	9 38	2 58	13 7	0 35	7 14	1 27	16 14	0 40	0 34	0 56	18 50	0 6	12 25	12 3	12 10	16 32	2 28
S 20	23 17	6 9	4 24	22 31	0 51	22 49	0 57	9 29	3 1	13 7	0 35	7 14	1 28	16 15	0 40	0 34	0 56	18 50	0 6	12 26	12 4	12 12	16 33	2 28
M21	23 17	9 42	4 50	22 14	0 39	22 40	0 45	9 19	3 3	13 8	0 35	7 14	1 28	16 15	0 40	0 34	0 56	18 50	0 6	12 28	12 5	12 13	16 34	2 28
T 22	23 17	12 53	5 3	21 56	0 26	22 30	0 32	9 10	3 6	13 9	0 35	7 14	1 28	16 16	0 40	0 34	0 56	18 50	0 6	12 31	12 6	12 15	16 34	2 28
W23	23 16	15 33	5 3	21 39	0 12	22 20	0 19	9 0	3 8	13 9	0 36	7 14	1 28	16 16	0 40	0 34	0 56	18 49	0 6	12 34	12 7	12 17	16 35	2 28
T 24	23 15	17 34	4 50	21 21	0s 3	22 11	0 5	8 51	3 11	13 10	0 36	7 14	1 28	16 17	0 40	0 34	0 56	18 49	0 6	12 38	12 8	12 18	16 36	2 28
F 25	23 14	18 50	4 24	21 4	0 18	22 1	0s 8	8 42	3 14	13 11	0 36	7 14	1 29	16 17	0 40	0 34	0 56	18 49	0 6	12 41	12 9	12 20	16 36	2 29
S 26	23 12	19 15	3 45	20 47	0 33	21 51	0 22	8 33	3 16	13 12	0 36	7 15	1 29	16 17	0 40	0 34	0 56	18 48	0 6	12 44	12 10	12 22	16 37	2 29
S 27	23 10	18 44	2 55	20 30	0 50	21 41	0 36	8 24	3 19	13 13	0 37	7 15	1 29	16 18	0 40	0 34	0 56	18 48	0 6	12 46	12 12	12 23	16 37	2 29
M28	23 7	17 17	1 56	20 13	1 6	21 30	0 50	8 15	3 22	13 14	0 37	7 15	1 29	16 19	0 40	0 33	0 56	18 48	0 7	12 48	12 13	12 25	16 38	2 29
T 29	23 4	14 57	0 50	19 57	1 23	21 20	1 5	8 6	3 24	13 15	0 37	7 16	1 29	16 19	0 40	0 33	0 56	18 48	0 7	12 48	12 14	12 27	16 38	2 29
W30	23n 0	11n50	0n20	19n41	1s40	21n10	1s19	7s58	3s27	13s16	0s37	7s16	1s30	16s20	0s40	0s33	0s56	18n47	0n 7	12n49	12n15	12n28	16n39	2s29

Julian Day Number = 2879394.5, Delta T = 01h15m01s
Ecliptic obliquity = 23°17'07, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°08'42, Lahiri = 40°15'43

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ASTRODIENST EPHEMERIS for the year 3171
geocentric

JULY 3171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 35 24	9♋36'17	12♍53	22°R50	14°R10	18♓18	26°R12	14°R57	16°R49	0♈46	5♌54	25♌54	27♌30	19♉10	25♉47	T 1
F 2	18 39 20	10°33'42	26°23	22♋35	13♋34	18°46	26♒ 9	14♓57	16♒47	0°46	5°56	25°55	27°27	19°17	25°50	F 2
S 3	18 43 17	11°31'06	10♎ 9	22°15	12°56	19°14	26° 6	14°56	16°45	0°46	5°57	25°R56	27°23	19°24	25°53	S 3
S 4	18 47 13	12°28'29	24°13	21°52	12°19	19°41	26° 2	14°55	16°44	0°R46	5°58	25°55	27°20	19°30	25°55	S 4
M 5	18 51 10	13°25'51	8♏34	21°26	11°41	20° 8	25°58	14°54	16°42	0°46	6° 0	25°53	27°17	19°37	25°58	M 5
T 6	18 55 6	14°23'12	23° 8	20°57	11° 4	20°35	25°54	14°53	16°40	0°46	6° 1	25°49	27°14	19°44	26° 1	T 6
W 7	18 59 3	15°20'32	7♐51	20°26	10°27	21° 2	25°50	14°52	16°38	0°46	6° 3	25°44	27°11	19°51	26° 4	W 7
T 8	19 3 0	16°17'51	22°37	19°53	9°51	21°28	25°46	14°51	16°36	0°46	6° 4	25°38	27° 8	19°57	26° 6	T 8
F 9	19 6 56	17°15'10	7♑18	19°19	9°15	21°54	25°42	14°50	16°34	0°46	6° 6	25°32	27° 4	20° 4	26° 9	F 9
S 10	19 10 53	18°12'28	21°46	18°45	8°41	22°19	25°37	14°48	16°32	0°45	6° 7	25°28	27° 1	20°11	26°12	S 10
S 11	19 14 49	19° 9'46	5♒55	18°10	8° 9	22°44	25°33	14°47	16°30	0°45	6° 9	25°25	26°58	20°18	26°14	S 11
M12	19 18 46	20° 7'03	19°41	17°36	7°38	23° 9	25°28	14°45	16°28	0°45	6°10	25°D23	26°55	20°24	26°17	M12
T 13	19 22 42	21° 4'20	3♓ 4	17° 3	7° 9	23°33	25°23	14°44	16°26	0°45	6°12	25°23	26°52	20°31	26°19	T 13
W14	19 26 39	22° 1'37	16° 2	16°32	6°41	23°57	25°17	14°42	16°24	0°44	6°14	25°25	26°48	20°38	26°22	W14
T 15	19 30 35	22°58'54	28°39	16° 4	6°16	24°21	25°12	14°40	16°22	0°44	6°15	25°26	26°45	20°44	26°24	T 15
F 16	19 34 32	23°56'10	10♈58	15°37	5°52	24°44	25° 7	14°38	16°19	0°44	6°17	25°28	26°42	20°51	26°27	F 16
S 17	19 38 29	24°53'27	23° 3	15°15	5°31	25° 6	25° 1	14°36	16°17	0°43	6°18	25°R28	26°39	20°58	26°29	S 17
S 18	19 42 25	25°50'43	5♉ 0	14°55	5°13	25°28	24°55	14°34	16°15	0°43	6°20	25°28	26°36	21° 5	26°31	S 18
M19	19 46 22	26°48'00	16°53	14°40	4°56	25°50	24°49	14°32	16°13	0°42	6°21	25°26	26°33	21°11	26°34	M19
T 20	19 50 18	27°45'16	28°46	14°29	4°42	26°11	24°43	14°30	16°11	0°42	6°23	25°23	26°29	21°18	26°36	T 20
W21	19 54 15	28°42'33	10♊44	14°23	4°30	26°32	24°37	14°27	16° 8	0°41	6°24	25°20	26°26	21°25	26°38	W21
T 22	19 58 11	29°39'50	22°50	14°D21	4°21	26°52	24°31	14°25	16° 6	0°41	6°26	25°16	26°23	21°31	26°40	T 22
F 23	20 2 8	0♌37'06	5♋ 6	14°24	4°14	27°12	24°25	14°22	16° 4	0°40	6°27	25°12	26°20	21°38	26°42	F 23
S 24	20 6 4	1°34'23	17°34	14°32	4°10	27°31	24°18	14°20	16° 1	0°40	6°29	25° 8	26°17	21°45	26°44	S 24
S 25	20 10 1	2°31'40	0♌15	14°45	4°D 7	27°50	24°12	14°17	15°59	0°39	6°31	25° 5	26°14	21°52	26°46	S 25
M26	20 13 58	3°28'57	13°11	15° 3	4° 8	28° 8	24° 5	14°14	15°57	0°38	6°32	25° 4	26°10	21°58	26°48	M26
T 27	20 17 54	4°26'14	26°20	15°27	4°10	28°26	23°58	14°11	15°54	0°37	6°34	25°D 3	26° 7	22° 5	26°50	T 27
W28	20 21 51	5°23'30	9♍42	15°55	4°15	28°43	23°51	14° 8	15°52	0°37	6°35	25° 4	26° 4	22°12	26°52	W28
T 29	20 25 47	6°20'47	23°17	16°29	4°22	28°59	23°44	14° 5	15°50	0°36	6°37	25° 5	26° 1	22°19	26°54	T 29
F 30	20 29 44	7°18'03	7♎ 3	17° 7	4°31	29°15	23°37	14° 2	15°47	0°35	6°39	25° 6	25°58	22°25	26°56	F 30
S 31	20 33 40	8♌15'20	21♎ 0	17♋51	4♋42	29♓30	23♒30	13♓59	15♒45	0♈34	6♌40	25♌ 7	25♌54	22♉32	26♉57	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n56	8n 5	1n31	19n26	1s57	20n59	1s33	7s49	3s30	13s17	0s37	7s16	1s30	16s20	0s40	0s33	0s56	18n47	0n 7	12n48	12n16	12n30	16n39	2s30
F 2	22 52	3 50	2 37	19 12	2 14	20 49	1 47	7 41	3 32	13 19	0 38	7 17	1 30	16 21	0 40	0 33	0 56	18 47	0 7	12 48	12 17	12 32	16 40	2 30
S 3	22 47	0s41	3 36	18 59	2 31	20 39	2 2	7 32	3 35	13 20	0 38	7 17	1 30	16 21	0 40	0 33	0 56	18 46	0 7	12 48	12 18	12 33	16 40	2 30
S 4	22 42	5 14	4 24	18 46	2 47	20 28	2 15	7 24	3 38	13 21	0 38	7 18	1 31	16 22	0 40	0 33	0 56	18 46	0 7	12 48	12 19	12 35	16 41	2 30
M 5	22 37	9 36	4 55	18 34	3 4	20 18	2 29	7 16	3 41	13 23	0 38	7 18	1 31	16 22	0 40	0 34	0 56	18 46	0 7	12 49	12 20	12 37	16 41	2 30
T 6	22 31	13 27	5 9	18 23	3 19	20 8	2 42	7 8	3 44	13 24	0 38	7 19	1 31	16 23	0 40	0 34	0 56	18 46	0 7	12 50	12 21	12 38	16 42	2 30
W 7	22 25	16 30	5 3	18 13	3 34	19 58	2 55	7 0	3 47	13 26	0 39	7 19	1 31	16 24	0 40	0 34	0 56	18 45	0 7	12 52	12 22	12 40	16 42	2 31
T 8	22 18	18 29	4 36	18 5	3 47	19 48	3 8	6 53	3 49	13 28	0 39	7 20	1 31	16 24	0 40	0 34	0 56	18 45	0 7	12 54	12 23	12 41	16 43	2 31
F 9	22 11	19 14	3 52	17 57	4 0	19 39	3 20	6 45	3 52	13 29	0 39	7 21	1 32	16 25	0 40	0 34	0 57	18 45	0 7	12 56	12 25	12 43	16 43	2 31
S 10	22 3	18 42	2 53	17 50	4 11	19 29	3 31	6 38	3 55	13 31	0 39	7 22	1 32	16 25	0 40	0 34	0 57	18 44	0 7	12 57	12 26	12 45	16 44	2 31
S 11	21 56	16 59	1 44	17 45	4 21	19 20	3 42	6 31	3 58	13 33	0 40	7 22	1 32	16 26	0 40	0 34	0 57	18 44	0 7	12 58	12 27	12 46	16 44	2 31
M12	21 47	14 20	0 31	17 40	4 30	19 12	3 53	6 24	4 1	13 35	0 40	7 23	1 32	16 27	0 40	0 34	0 57	18 44	0 7	12 59	12 28	12 48	16 44	2 31
T 13	21 39	10 58	0s42	17 37	4 37	19 3	4 3	6 17	4 4	13 36	0 40	7 24	1 32	16 27	0 41	0 34	0 57	18 43	0 7	12 59	12 29	12 50	16 45	2 32
W14	21 30	7 10	1 50	17 35	4 43	18 55	4 12	6 10	4 7	13 38	0 40	7 25	1 33	16 28	0 41	0 35	0 57	18 43	0 7	12 58	12 30	12 51	16 45	2 32
T 15	21 21	3 10	2 52	17 34	4 47	18 48	4 21	6 4	4 10	13 40	0 40	7 26	1 33	16 29	0 41	0 35	0 57	18 43	0 8	12 58	12 31	12 53	16 46	2 32
F 16	21 11	0n53	3 44	17 35	4 50	18 41	4 29	5 57	4 13	13 42	0 41	7 27	1 33	16 29	0 41	0 35	0 57	18 42	0 8	12 57	12 32	12 55	16 46	2 32
S 17	21 1	4 48	4 24	17 36	4 51	18 34	4 37	5 51	4 16	13 44	0 41	7 28	1 33	16 30	0 41	0 35	0 57	18 42	0 8	12 57	12 33	12 56	16 46	2 32
S 18	20 50	8 30	4 53	17 38	4 51	18 28	4 44	5 45	4 19	13 46	0 41	7 29	1 33	16 31	0 41	0 35	0 57	18 42	0 8	12 57	12 34	12 58	16 47	2 33
M19	20 40	11 49	5 9	17 42	4 49	18 22	4 50	5 39	4 22	13 49	0 41	7 30	1 34	16 31	0 41	0 36	0 57	18 41	0 8	12 58	12 35	12 59	16 47	2 33
T 20	20 29	14 40	5 12	17 46	4 46	18 17	4 56	5 34	4 25	13 51	0 41	7 31	1 34	16 32	0 41	0 36	0 57	18 41	0 8	12 58	12 36	13 1	16 47	2 33
W21	20 17	16 56	5 2	17 51	4 41	18 12	5 1	5 28	4 28	13 53	0 41	7 32	1 34	16 33	0 41	0 36	0 57	18 41	0 8	13 0	12 37	13 3	16 48	2 33
T 22	20 5	18 28	4 38	17 57	4 35	18 7	5 6	5 23	4 31	13 55	0 42	7 33	1 34	16 33	0 41	0 36	0 57	18 40	0 8	13 1	12 39	13 4	16 48	2 33
F 23	19 53	19 11	4 1	18 4	4 29	18 3	5 10	5 18	4 34	13 58	0 42	7 34	1 34	16 34	0 41	0 37	0 57	18 40	0 8	13 2	12 40	13 6	16 48	2 34
S 24	19 41	18 58	3 12	18 11	4 21	18 0	5 14	5 13	4 37	14 0	0 42	7 35	1 35	16 35	0 41	0 37	0 57	18 40	0 8	13 4	12 41	13 7	16 48	2 34
S 25	19 28	17 49	2 12	18 18	4 12	17 57	5 17	5 9	4 40	14 2	0 42	7 36	1 35	16 35	0 41	0 37	0 57	18 39	0 8	13 5	12 42	13 9	16 49	2 34
M26	19 15	15 43	1 5	18 26	4 2	17 54	5 19	5 5	4 43	14 5	0 42	7 38	1 35	16 36	0 41	0 37	0 57	18 39	0 8	13 5	12 43	13 11	16 49	2 34
T 27	19 2	12 46	0n 7	18 34	3 51	17 52	5 22	5 0	4 46	14 7	0 43	7 39	1 35	16 37	0 41	0 38	0 57	18 39	0 8	13 5	12 44	13 12	16 49	2 34
W28	18 48	9 7	1 20	18 42	3 40	17 50	5 23	4 57	4 50	14 9	0 43	7 40	1 35	16 38	0 41	0 38	0 57	18 38	0 8	13 5	12 45	13 14	16 49	2 35
T 29	18 34	4 57	2 29	18 50	3 28	17 48	5 25	4 53	4 53	14 12	0 43	7 41	1 35	16 38	0 41	0 38	0 57	18 38	0 8	13 5	12 46	13 16	16 50	2 35
F 30	18 20	0 28	3 31	18 58	3 16	17 47	5 26	4 49	4 56	14 14	0 43	7 43	1 36	16 39	0 41	0 39	0 57	18 38	0 8	13 4	12 47	13 17	16 50	2 35
S 31	18n 5	4s 6	4n22	19n 5	3s 3	17n46	5s26	4s46	4s59	14s17	0s43	7s44	1s36	16s40	0s41	0s39	0s57	18n37	0n 8	13n 4	12n48	13n19	16n50	2s35

Julian Day Number = 2879424.5, Delta T = 01h15m02s
Ecliptic obliquity = 23°17'08, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°08'46, Lahiri = 40°15'47

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ASTRODIENST EPHEMERIS for the year 3171
geocentric

AUGUST 3171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 37 37	9♌12'36	5♏ 6	18♋39	4♋55	29♓44	23°R23	13°R56	15°R43	0°R33	6♌42	25°R 8	25♌51	22♉39	26♉59	S 1
M 2	20 41 33	10° 9'52	19°19	19°33	5°10	29°58	23♒15	13♓53	15♒40	0♈33	6°43	25♌ 8	25°48	22°45	27° 1	M 2
T 3	20 45 30	11° 7'08	3♐38	20°31	5°27	0♈12	23° 8	13°49	15°38	0°32	6°45	25° 7	25°45	22°52	27° 2	T 3
W 4	20 49 27	12° 4'24	17°59	21°34	5°46	0°24	23° 0	13°46	15°35	0°31	6°46	25° 6	25°42	22°59	27° 4	W 4
T 5	20 53 23	13° 1'41	2♑18	22°42	6° 7	0°36	22°53	13°42	15°33	0°30	6°48	25° 4	25°39	23° 6	27° 5	T 5
F 6	20 57 20	13°58'57	16°31	23°55	6°29	0°48	22°45	13°39	15°31	0°29	6°50	25° 3	25°35	23°12	27° 6	F 6
S 7	21 1 16	14°56'13	0♒34	25°12	6°53	0°58	22°38	13°35	15°28	0°28	6°51	25° 2	25°32	23°19	27° 8	S 7
S 8	21 5 13	15°53'30	14°22	26°33	7°19	1° 8	22°30	13°32	15°26	0°27	6°53	25° 1	25°29	23°26	27° 9	S 8
M 9	21 9 9	16°50'47	27°53	27°59	7°46	1°18	22°22	13°28	15°23	0°26	6°54	25°D 1	25°26	23°32	27°10	M 9
T 10	21 13 6	17°48'05	11♓ 5	29°30	8°15	1°26	22°15	13°24	15°21	0°25	6°56	25° 1	25°23	23°39	27°12	T 10
W11	21 17 2	18°45'23	23°58	1♌ 4	8°45	1°34	22° 7	13°20	15°19	0°24	6°57	25° 2	25°20	23°46	27°13	W11
T 12	21 20 59	19°42'42	6♈33	2°42	9°17	1°41	21°59	13°16	15°16	0°22	6°59	25° 2	25°16	23°53	27°14	T 12
F 13	21 24 56	20°40'01	18°53	4°25	9°50	1°48	21°51	13°12	15°14	0°21	7° 0	25° 3	25°13	23°59	27°15	F 13
S 14	21 28 52	21°37'22	1♉ 0	6°10	10°25	1°53	21°44	13° 8	15°11	0°20	7° 2	25° 3	25°10	24° 6	27°16	S 14
S 15	21 32 49	22°34'43	12°58	7°59	11° 0	1°58	21°36	13° 4	15° 9	0°19	7° 3	25° 4	25° 7	24°13	27°17	S 15
M16	21 36 45	23°32'05	24°52	9°52	11°37	2° 2	21°28	13° 0	15° 7	0°18	7° 5	25°R 4	25° 4	24°20	27°18	M16
T 17	21 40 42	24°29'28	6♊46	11°47	12°15	2° 5	21°20	12°56	15° 4	0°16	7° 7	25°D 4	25° 0	24°26	27°19	T 17
W18	21 44 38	25°26'52	18°45	13°44	12°55	2° 8	21°13	12°52	15° 2	0°15	7° 8	25° 4	24°57	24°33	27°19	W18
T 19	21 48 35	26°24'17	0♋53	15°43	13°35	2° 9	21° 5	12°48	15° 0	0°14	7°10	25° 4	24°54	24°40	27°20	T 19
F 20	21 52 31	27°21'43	13°14	17°45	14°16	2°10	20°57	12°44	14°57	0°13	7°11	25° 4	24°51	24°46	27°21	F 20
S 21	21 56 28	28°19'11	25°50	19°47	14°59	2°R10	20°49	12°39	14°55	0°11	7°13	25° 4	24°48	24°53	27°21	S 21
S 22	22 0 25	29°16'38	8♌45	21°51	15°42	2° 9	20°42	12°35	14°53	0°10	7°14	25° 4	24°45	25° 0	27°22	S 22
M23	22 4 21	0♍14'07	21°58	23°55	16°26	2° 8	20°34	12°31	14°50	0° 9	7°16	25°R 5	24°41	25° 7	27°22	M23
T 24	22 8 18	1°11'37	5♍30	26° 0	17°11	2° 5	20°27	12°26	14°48	0° 7	7°17	25° 5	24°38	25°13	27°23	T 24
W25	22 12 14	2° 9'08	19°18	28° 5	17°57	2° 2	20°19	12°22	14°46	0° 6	7°18	25° 4	24°35	25°20	27°23	W25
T 26	22 16 11	3° 6'39	3♎19	0♍10	18°44	1°58	20°12	12°18	14°43	0° 4	7°20	25° 3	24°32	25°27	27°24	T 26
F 27	22 20 7	4° 4'11	17°31	2°14	19°31	1°53	20° 4	12°13	14°41	0° 3	7°21	25° 2	24°29	25°33	27°24	F 27
S 28	22 24 4	5° 1'44	1♏48	4°18	20°20	1°48	19°57	12° 9	14°39	0° 1	7°23	25° 1	24°25	25°40	27°24	S 28
S 29	22 28 0	5°59'18	16° 7	6°21	21° 9	1°41	19°50	12° 4	14°37	0° 0	7°24	25° 0	24°22	25°47	27°24	S 29
M30	22 31 57	6°56'52	0♐24	8°23	21°59	1°34	19°43	12° 0	14°35	29♓59	7°26	25°D 0	24°19	25°54	27°24	M30
T 31	22 35 53	7♍54'28	14♐37	10♍24	22♋49	1♈26	19♒36	11♓55	14♒32	29♓57	7♌27	25♌ 0	24♌16	26♉ 0	27♉24	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n50	8s28	4n57	19n12	2s49	17n45	5s27	4s43	5s 2	14s19	0s43	7s46	1s36	16s40	0s41	0s39	0s57	18n37	0n 9	13n 4	12n49	13n20	16n50	2s35
M 2	17 35	12 24	5 14	19 18	2 36	17 45	5 26	4 41	5 5	14 22	0 44	7 47	1 36	16 41	0 41	0 40	0 57	18 37	0 9	13 4	12 50	13 22	16 50	2 36
T 3	17 20	15 38	5 12	19 24	2 22	17 45	5 26	4 38	5 8	14 25	0 44	7 48	1 36	16 42	0 41	0 40	0 57	18 36	0 9	13 4	12 51	13 24	16 50	2 36
W 4	17 4	17 55	4 51	19 28	2 8	17 45	5 25	4 36	5 11	14 27	0 44	7 50	1 36	16 43	0 41	0 41	0 57	18 36	0 9	13 4	12 52	13 25	16 51	2 36
T 5	16 48	19 4	4 12	19 32	1 53	17 45	5 24	4 34	5 14	14 30	0 44	7 51	1 37	16 43	0 41	0 41	0 58	18 36	0 9	13 5	12 53	13 27	16 51	2 36
F 6	16 32	19 1	3 17	19 34	1 39	17 45	5 23	4 32	5 17	14 32	0 44	7 53	1 37	16 44	0 41	0 41	0 58	18 35	0 9	13 5	12 55	13 28	16 51	2 37
S 7	16 15	17 46	2 11	19 34	1 25	17 46	5 21	4 31	5 20	14 35	0 44	7 54	1 37	16 45	0 41	0 42	0 58	18 35	0 9	13 6	12 56	13 30	16 51	2 37
S 8	15 58	15 29	0 59	19 33	1 11	17 46	5 19	4 29	5 23	14 38	0 44	7 56	1 37	16 45	0 41	0 42	0 58	18 35	0 9	13 6	12 57	13 32	16 51	2 37
M 9	15 41	12 23	0s16	19 30	0 56	17 47	5 17	4 28	5 26	14 40	0 45	7 57	1 37	16 46	0 41	0 43	0 58	18 34	0 9	13 6	12 58	13 33	16 51	2 37
T 10	15 24	8 43	1 28	19 26	0 43	17 47	5 15	4 28	5 28	14 43	0 45	7 59	1 37	16 47	0 41	0 43	0 58	18 34	0 9	13 6	12 59	13 35	16 51	2 37
W11	15 6	4 44	2 34	19 19	0 29	17 48	5 12	4 27	5 31	14 45	0 45	8 1	1 37	16 48	0 41	0 44	0 58	18 34	0 9	13 6	13 0	13 36	16 51	2 38
T 12	14 49	0 38	3 30	19 10	0 16	17 49	5 10	4 27	5 34	14 48	0 45	8 2	1 38	16 48	0 41	0 44	0 58	18 33	0 9	13 6	13 1	13 38	16 51	2 38
F 13	14 31	3n24	4 16	18 59	0 3	17 49	5 7	4 27	5 37	14 51	0 45	8 4	1 38	16 49	0 41	0 45	0 58	18 33	0 9	13 5	13 2	13 39	16 51	2 38
S 14	14 12	7 13	4 50	18 45	0n 9	17 50	5 4	4 27	5 39	14 53	0 45	8 5	1 38	16 50	0 41	0 45	0 58	18 33	0 9	13 5	13 3	13 41	16 51	2 38
S 15	13 54	10 42	5 10	18 29	0 21	17 50	5 0	4 28	5 42	14 56	0 45	8 7	1 38	16 50	0 41	0 46	0 58	18 32	0 9	13 5	13 4	13 43	16 51	2 39
M16	13 35	13 44	5 17	18 11	0 32	17 51	4 57	4 28	5 45	14 59	0 46	8 9	1 38	16 51	0 41	0 46	0 58	18 32	0 9	13 5	13 5	13 44	16 51	2 39
T 17	13 16	16 12	5 10	17 50	0 42	17 51	4 53	4 29	5 47	15 1	0 46	8 11	1 38	16 52	0 41	0 47	0 58	18 32	0 10	13 5	13 6	13 46	16 51	2 39
W18	12 57	17 59	4 50	17 26	0 52	17 51	4 50	4 31	5 50	15 4	0 46	8 12	1 38	16 52	0 41	0 47	0 58	18 32	0 10	13 5	13 7	13 47	16 51	2 39
T 19	12 38	19 0	4 17	17 0	1 1	17 51	4 46	4 32	5 52	15 6	0 46	8 14	1 39	16 53	0 41	0 48	0 58	18 31	0 10	13 5	13 8	13 49	16 51	2 39
F 20	12 19	19 7	3 32	16 31	1 9	17 51	4 42	4 34	5 54	15 9	0 46	8 16	1 39	16 54	0 41	0 48	0 58	18 31	0 10	13 5	13 9	13 51	16 51	2 40
S 21	11 59	18 18	2 35	16 0	1 16	17 51	4 38	4 36	5 57	15 11	0 46	8 17	1 39	16 55	0 41	0 49	0 58	18 31	0 10	13 5	13 10	13 52	16 51	2 40
S 22	11 39	16 31	1 29	15 27	1 23	17 50	4 34	4 38	5 59	15 14	0 46	8 19	1 39	16 55	0 41	0 49	0 58	18 30	0 10	13 5	13 11	13 54	16 51	2 40
M23	11 19	13 49	0 17	14 51	1 29	17 49	4 29	4 41	6 1	15 16	0 46	8 21	1 39	16 56	0 41	0 50	0 58	18 30	0 10	13 5	13 13	13 55	16 51	2 40
T 24	10 59	10 20	0n57	14 14	1 33	17 48	4 25	4 44	6 3	15 19	0 46	8 23	1 39	16 57	0 41	0 50	0 58	18 30	0 10	13 5	13 14	13 57	16 50	2 41
W25	10 38	6 13	2 10	13 35	1 37	17 47	4 20	4 47	6 5	15 21	0 46	8 24	1 39	16 57	0 41	0 51	0 58	18 29	0 10	13 5	13 15	13 58	16 50	2 41
T 26	10 18	1 42	3 16	12 55	1 40	17 46	4 16	4 50	6 6	15 24	0 47	8 26	1 39	16 58	0 41	0 52	0 58	18 29	0 10	13 5	13 16	14 0	16 50	2 41
F 27	9 57	2s57	4 11	12 13	1 43	17 44	4 11	4 53	6 8	15 26	0 47	8 28	1 39	16 58	0 41	0 52	0 58	18 29	0 10	13 6	13 17	14 1	16 50	2 41
S 28	9 36	7 28	4 51	11 29	1 44	17 42	4 7	4 57	6 10	15 28	0 47	8 30	1 40	16 59	0 41	0 53	0 58	18 28	0 10	13 6	13 18	14 3	16 50	2 41
S 29	9 15	11 34	5 12	10 45	1 45	17 39	4 2	5 1	6 11	15 31	0 47	8 31	1 40	17 0	0 41	0 53	0 58	18 28	0 10	13 6	13 19	14 5	16 50	2 42
M30	8 54	14 58	5 15	10 0	1 45	17 36	3 57	5 5	6 12	15 33	0 47	8 33	1 40	17 0	0 41	0 54	0 58	18 28	0 10	13 6	13 20	14 6	16 49	2 42
T 31	8n33	17s28	4n58	9n14	1n44	17n33	3s52	5s 9	6s13	15s35	0s47	8s35	1s40	17s 1	0s41	0s55	0s58	18n28	0n10	13n 6	13n21	14n 8	16n49	2s42

Julian Day Number = 2879455.5, Delta T = 01h15m03s
Ecliptic obliquity = 23°17'08, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°08'51, Lahiri = 40°15'51

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3171
geocentric

SEPTEMBER 3171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 39 50	8♍52'04	28♐43	12♍24	23♋40	1°R18	19°R29	11°R51	14°R30	29°R56	7♌28	25♌ 0	24♌13	26♉ 7	27°R24	W 1
T 2	22 43 47	9°49'41	12♑40	14°22	24°32	1♈ 9	19♒22	11♓46	14♒28	29♓54	7°30	25° 1	24°10	26°14	27♉24	T 2
F 3	22 47 43	10°47'18	26°27	16°20	25°24	0°59	19°15	11°42	14°26	29°53	7°31	25° 3	24° 6	26°21	27°24	F 3
S 4	22 51 40	11°44'57	10♒ 2	18°16	26°17	0°49	19° 8	11°38	14°24	29°51	7°32	25° 4	24° 3	26°27	27°24	S 4
S 5	22 55 36	12°42'37	23°25	20°10	27°11	0°38	19° 2	11°33	14°22	29°49	7°34	25°R 4	24° 0	26°34	27°24	S 5
M 6	22 59 33	13°40'18	6♓34	22° 3	28° 5	0°26	18°55	11°29	14°20	29°48	7°35	25° 4	23°57	26°41	27°24	M 6
T 7	23 3 29	14°38'00	19°29	23°55	29° 0	0°14	18°49	11°24	14°18	29°46	7°36	25° 2	23°54	26°47	27°23	T 7
W 8	23 7 26	15°35'43	2♈10	25°45	29°55	0° 1	18°43	11°20	14°16	29°45	7°38	25° 0	23°51	26°54	27°23	W 8
T 9	23 11 22	16°33'27	14°38	27°34	0♌51	29♓48	18°37	11°15	14°14	29°43	7°39	24°57	23°47	27° 1	27°22	T 9
F 10	23 15 19	17°31'13	26°53	29°22	1°47	29°34	18°31	11°11	14°12	29°42	7°40	24°54	23°44	27° 8	27°22	F 10
S 11	23 19 16	18°29'01	8♉58	1♎ 8	2°44	29°20	18°25	11° 6	14°10	29°40	7°42	24°50	23°41	27°14	27°21	S 11
S 12	23 23 12	19°26'50	20°56	2°53	3°41	29° 6	18°19	11° 2	14° 9	29°38	7°43	24°47	23°38	27°21	27°21	S 12
M13	23 27 9	20°24'41	2♊49	4°36	4°39	28°51	18°14	10°57	14° 7	29°37	7°44	24°44	23°35	27°28	27°20	M13
T 14	23 31 5	21°22'33	14°42	6°18	5°37	28°36	18° 8	10°53	14° 5	29°35	7°45	24°43	23°31	27°35	27°19	T 14
W15	23 35 2	22°20'28	26°40	7°59	6°36	28°20	18° 3	10°49	14° 3	29°33	7°46	24°D43	23°28	27°41	27°19	W15
T 16	23 38 58	23°18'24	8♋47	9°39	7°35	28° 5	17°58	10°44	14° 2	29°32	7°48	24°44	23°25	27°48	27°18	T 16
F 17	23 42 55	24°16'21	21° 8	11°17	8°34	27°49	17°53	10°40	14° 0	29°30	7°49	24°45	23°22	27°55	27°17	F 17
S 18	23 46 51	25°14'21	3♌47	12°54	9°34	27°33	17°48	10°36	13°58	29°29	7°50	24°47	23°19	28° 1	27°16	S 18
S 19	23 50 48	26°12'22	16°47	14°29	10°34	27°17	17°44	10°31	13°57	29°27	7°51	24°48	23°16	28° 8	27°15	S 19
M20	23 54 45	27°10'24	0♍12	16° 3	11°35	27° 1	17°39	10°27	13°55	29°25	7°52	24°R48	23°12	28°15	27°14	M20
T 21	23 58 41	28° 8'29	14° 0	17°36	12°36	26°45	17°35	10°23	13°54	29°24	7°53	24°47	23° 9	28°22	27°13	T 21
W22	0 2 38	29° 6'35	28°11	19° 8	13°37	26°29	17°31	10°19	13°52	29°22	7°54	24°44	23° 6	28°28	27°12	W22
T 23	0 6 34	0♎ 4'43	12♎39	20°39	14°38	26°13	17°27	10°15	13°51	29°20	7°55	24°40	23° 3	28°35	27°10	T 23
F 24	0 10 31	1° 2'52	27°18	22° 8	15°40	25°57	17°23	10°11	13°49	29°19	7°56	24°34	23° 0	28°42	27° 9	F 24
S 25	0 14 27	2° 1'03	12♏ 2	23°36	16°43	25°42	17°20	10° 7	13°48	29°17	7°57	24°29	22°56	28°48	27° 8	S 25
S 26	0 18 24	2°59'15	26°43	25° 3	17°45	25°27	17°16	10° 3	13°47	29°15	7°58	24°24	22°53	28°55	27° 7	S 26
M27	0 22 20	3°57'29	11♐14	26°28	18°48	25°12	17°13	9°59	13°45	29°14	7°59	24°20	22°50	29° 2	27° 5	M27
T 28	0 26 17	4°55'44	25°31	27°52	19°51	24°57	17°10	9°55	13°44	29°12	8° 0	24°19	22°47	29° 9	27° 4	T 28
W29	0 30 13	5°54'00	9♑33	29°15	20°54	24°43	17° 7	9°51	13°43	29°10	8° 1	24°D18	22°44	29°15	27° 2	W29
T 30	0 34 10	6♎52'18	23♑17	0♏36	21♌58	24♓30	17♒ 5	9♓47	13♒42	29♓ 9	8♌ 2	24♌19	22♌41	29♉22	27♉ 1	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	8n12	18s54	4n23	8n27	1n43	17n30	3s47	5s13	6s14	15s38	0s47	8s37	1s40	17s 2	0s41	0s55	0s58	18n27	0n10	13n 6	13n22	14n 9	16n49	2s42	W 1
T 2	7 50	19 9	3 33	7 40	1 41	17 26	3 42	5 17	6 15	15 40	0 47	8 39	1 40	17 2	0 41	0 56	0 58	18 27	0 11	13 6	13 23	14 11	16 49	2 43	T 2
F 3	7 28	18 15	2 32	6 52	1 38	17 22	3 37	5 22	6 16	15 42	0 47	8 40	1 40	17 3	0 41	0 56	0 58	18 27	0 11	13 5	13 24	14 12	16 49	2 43	F 3
S 4	7 7	16 18	1 22	6 5	1 35	17 17	3 32	5 26	6 16	15 44	0 47	8 42	1 40	17 3	0 41	0 57	0 58	18 26	0 11	13 5	13 25	14 14	16 48	2 43	S 4
S 5	6 45	13 29	0 9	5 17	1 32	17 13	3 26	5 31	6 17	15 46	0 47	8 44	1 40	17 4	0 41	0 58	0 58	18 26	0 11	13 5	13 26	14 15	16 48	2 43	S 5
M 6	6 23	10 1	1s 3	4 29	1 28	17 7	3 21	5 36	6 17	15 48	0 47	8 46	1 40	17 5	0 41	0 58	0 58	18 26	0 11	13 5	13 27	14 17	16 48	2 44	M 6
T 7	6 1	6 8	2 11	3 41	1 23	17 2	3 16	5 41	6 17	15 50	0 47	8 47	1 40	17 5	0 41	0 59	0 58	18 26	0 11	13 6	13 28	14 19	16 47	2 44	T 7
W 8	5 39	2 3	3 10	2 53	1 19	16 56	3 11	5 46	6 17	15 52	0 47	8 49	1 40	17 6	0 41	1 0	0 58	18 25	0 11	13 6	13 29	14 20	16 47	2 44	W 8
T 9	5 16	2n 3	4 0	2 5	1 13	16 49	3 5	5 51	6 17	15 54	0 47	8 51	1 40	17 6	0 41	1 0	0 58	18 25	0 11	13 7	13 30	14 22	16 47	2 44	T 9
F 10	4 54	5 59	4 37	1 17	1 8	16 42	3 0	5 56	6 16	15 56	0 47	8 53	1 40	17 7	0 41	1 1	0 58	18 25	0 11	13 8	13 31	14 23	16 46	2 44	F 10
S 11	4 32	9 37	5 2	0 30	1 2	16 35	2 55	6 1	6 16	15 58	0 47	8 54	1 40	17 7	0 41	1 2	0 58	18 24	0 11	13 10	13 32	14 25	16 46	2 45	S 11
S 12	4 9	12 50	5 13	0s17	0 56	16 27	2 49	6 5	6 15	15 59	0 47	8 56	1 41	17 8	0 41	1 2	0 58	18 24	0 11	13 11	13 33	14 26	16 46	2 45	S 12
M13	3 47	15 30	5 11	1 4	0 49	16 19	2 44	6 10	6 14	16 1	0 47	8 58	1 41	17 8	0 41	1 3	0 58	18 24	0 11	13 11	13 34	14 28	16 45	2 45	M13
T 14	3 24	17 32	4 55	1 50	0 43	16 11	2 39	6 15	6 12	16 3	0 47	8 59	1 41	17 9	0 41	1 4	0 58	18 24	0 11	13 12	13 36	14 29	16 45	2 45	T 14
W15	3 1	18 48	4 26	2 36	0 36	16 2	2 33	6 20	6 11	16 4	0 47	9 1	1 41	17 9	0 41	1 4	0 58	18 23	0 11	13 12	13 37	14 31	16 45	2 46	W15
T 16	2 38	19 15	3 46	3 22	0 29	15 52	2 28	6 25	6 9	16 6	0 47	9 3	1 41	17 10	0 41	1 5	0 58	18 23	0 11	13 12	13 38	14 32	16 44	2 46	T 16
F 17	2 16	18 46	2 54	4 7	0 21	15 42	2 23	6 29	6 8	16 8	0 47	9 4	1 41	17 10	0 41	1 6	0 59	18 23	0 12	13 11	13 39	14 34	16 44	2 46	F 17
S 18	1 53	17 22	1 53	4 51	0 14	15 32	2 17	6 34	6 6	16 9	0 47	9 6	1 41	17 11	0 41	1 6	0 59	18 23	0 12	13 11	13 40	14 35	16 43	2 46	S 18
S 19	1 30	15 0	0 44	5 35	0 6	15 22	2 12	6 38	6 4	16 10	0 47	9 8	1 41	17 11	0 41	1 7	0 59	18 23	0 12	13 10	13 41	14 37	16 43	2 46	S 19
M20	1 7	11 47	0n29	6 18	0s 2	15 10	2 6	6 43	6 1	16 12	0 47	9 9	1 41	17 11	0 41	1 8	0 59	18 22	0 12	13 10	13 42	14 38	16 42	2 47	M20
T 21	0 44	7 50	1 43	7 1	0 9	14 59	2 1	6 47	5 59	16 13	0 47	9 11	1 41	17 12	0 41	1 8	0 59	18 22	0 12	13 11	13 43	14 40	16 42	2 47	T 21
W22	0 21	3 21	2 52	7 43	0 17	14 47	1 56	6 51	5 56	16 14	0 47	9 13	1 41	17 12	0 40	1 9	0 59	18 22	0 12	13 12	13 44	14 41	16 42	2 47	W22
T 23	0s 2	1s25	3 51	8 24	0 25	14 34	1 50	6 54	5 53	16 16	0 47	9 14	1 41	17 13	0 40	1 9	0 59	18 22	0 12	13 13	13 45	14 43	16 41	2 47	T 23
F 24	0 25	6 9	4 36	9 5	0 34	14 22	1 45	6 58	5 50	16 17	0 47	9 16	1 41	17 13	0 40	1 10	0 59	18 22	0 12	13 15	13 46	14 44	16 41	2 48	F 24
S 25	0 48	10 32	5 3	9 45	0 42	14 8	1 40	7 1	5 47	16 18	0 47	9 17	1 41	17 13	0 40	1 11	0 59	18 21	0 12	13 17	13 47	14 46	16 40	2 48	S 25
S 26	1 11	14 16	5 10	10 24	0 50	13 55	1 35	7 4	5 44	16 19	0 47	9 19	1 41	17 14	0 40	1 11	0 59	18 21	0 12	13 18	13 48	14 47	16 40	2 48	S 26
M27	1 34	17 5	4 57	11 3	0 58	13 41	1 29	7 6	5 40	16 20	0 47	9 20	1 41	17 14	0 40	1 12	0 59	18 21	0 12	13 19	13 49	14 49	16 39	2 48	M27
T 28	1 57	18 47	4 26	11 41	1 6	13 26	1 24	7 9	5 37	16 21	0 47	9 22	1 41	17 14	0 40	1 13	0 59	18 21	0 12	13 20	13 50	14 50	16 39	2 48	T 28
W29	2 20	19 18	3 39	12 18	1 14	13 11	1 19	7 11	5 33	16 21	0 47	9 23	1 41	17 15	0 40	1 13	0 59	18 21	0 12	13 20	13 51	14 52	16 38	2 49	W29
T 30	2s43	18s39	2n40	12s54	1s23	12n56	1s14	7s13	5s29	16s22	0s47	9s24	1s41	17s15	0s40	1s14	0s59	18n20	0n12	13n20	13n52	14n53	16n37	2s49	T 30

Julian Day Number = 2879486.5, Delta T = 01h15m03s
Ecliptic obliquity = 23°17'09, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°08'55, Lahiri = 40°15'55

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ASTRODIENST EPHEMERIS for the year 3171
geocentric

OCTOBER 3171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 38 7	7♎50'38	6♒46	1♏56	23♌ 2	24°R16	17°R 2	9°R44	13°R41	29°R 7	8♌ 3	24♌20	22♌37	29♉29	26°R59	F 1
S 2	0 42 3	8°48'58	19°59	3°15	24° 6	24♓ 4	17♒ 0	9♓40	13♒40	29♓ 6	8° 4	24°R21	22°34	29°36	26♉57	S 2
S 3	0 46 0	9°47'21	2♓59	4°32	25°11	23°52	16°58	9°36	13°39	29° 4	8° 5	24°21	22°31	29°42	26°56	S 3
M 4	0 49 56	10°45'45	15°47	5°47	26°15	23°40	16°56	9°33	13°38	29° 2	8° 6	24°19	22°28	29°49	26°54	M 4
T 5	0 53 53	11°44'10	28°23	7° 1	27°20	23°29	16°54	9°29	13°37	29° 1	8° 7	24°15	22°25	29°56	26°52	T 5
W 6	0 57 49	12°42'37	10♈50	8°13	28°26	23°19	16°53	9°26	13°36	28°59	8° 7	24° 8	22°22	0♊ 2	26°50	W 6
T 7	1 1 46	13°41'06	23° 6	9°23	29°31	23° 9	16°51	9°23	13°35	28°58	8° 8	24° 0	22°18	0° 9	26°49	T 7
F 8	1 5 42	14°39'37	5♉14	10°31	0♍37	23° 0	16°50	9°19	13°34	28°56	8° 9	23°50	22°15	0°16	26°47	F 8
S 9	1 9 39	15°38'10	17°15	11°38	1°43	22°52	16°49	9°16	13°34	28°54	8°10	23°40	22°12	0°23	26°45	S 9
S 10	1 13 36	16°36'45	29°10	12°42	2°49	22°44	16°48	9°13	13°33	28°53	8°10	23°31	22° 9	0°29	26°43	S 10
M11	1 17 32	17°35'22	11♊ 1	13°44	3°55	22°37	16°48	9°10	13°32	28°51	8°11	23°24	22° 6	0°36	26°41	M11
T 12	1 21 29	18°34'02	22°53	14°43	5° 2	22°31	16°48	9° 7	13°32	28°50	8°12	23°18	22° 2	0°43	26°39	T 12
W13	1 25 25	19°32'43	4♋48	15°40	6° 9	22°26	16°D47	9° 4	13°31	28°48	8°12	23°15	21°59	0°49	26°36	W13
T 14	1 29 22	20°31'27	16°52	16°34	7°16	22°21	16°47	9° 2	13°31	28°47	8°13	23°D13	21°56	0°56	26°34	T 14
F 15	1 33 18	21°30'12	29° 9	17°25	8°23	22°17	16°48	8°59	13°30	28°45	8°14	23°14	21°53	1° 3	26°32	F 15
S 16	1 37 15	22°29'00	11♌45	18°13	9°30	22°14	16°48	8°56	13°30	28°44	8°14	23°14	21°50	1°10	26°30	S 16
S 17	1 41 11	23°27'50	24°44	18°57	10°38	22°12	16°49	8°54	13°29	28°42	8°15	23°R15	21°47	1°16	26°28	S 17
M18	1 45 8	24°26'42	8♍10	19°37	11°46	22°10	16°50	8°51	13°29	28°41	8°15	23°14	21°43	1°23	26°25	M18
T 19	1 49 5	25°25'37	22° 4	20°13	12°54	22°D 9	16°51	8°49	13°29	28°39	8°16	23°11	21°40	1°30	26°23	T 19
W20	1 53 1	26°24'33	6♎25	20°44	14° 2	22° 9	16°52	8°46	13°29	28°38	8°16	23° 5	21°37	1°36	26°21	W20
T 21	1 56 58	27°23'31	21°11	21°11	15°10	22°10	16°53	8°44	13°29	28°37	8°17	22°57	21°34	1°43	26°18	T 21
F 22	2 0 54	28°22'32	6♏12	21°32	16°19	22°12	16°55	8°42	13°28	28°35	8°17	22°47	21°31	1°50	26°16	F 22
S 23	2 4 51	29°21'34	21°20	21°47	17°28	22°14	16°57	8°40	13°D28	28°34	8°18	22°37	21°28	1°57	26°13	S 23
S 24	2 8 47	0♏20'39	6♐24	21°55	18°36	22°18	16°59	8°38	13°28	28°33	8°18	22°28	21°24	2° 3	26°11	S 24
M25	2 12 44	1°19'45	21°15	21°R57	19°45	22°22	17° 1	8°36	13°29	28°31	8°19	22°21	21°21	2°10	26° 8	M25
T 26	2 16 40	2°18'53	5♑46	21°52	20°55	22°27	17° 3	8°34	13°29	28°30	8°19	22°16	21°18	2°17	26° 6	T 26
W27	2 20 37	3°18'03	19°54	21°40	22° 4	22°32	17° 6	8°33	13°29	28°29	8°19	22°13	21°15	2°24	26° 3	W27
T 28	2 24 33	4°17'14	3♒38	21°19	23°13	22°39	17° 8	8°31	13°29	28°27	8°20	22°D12	21°12	2°30	26° 0	T 28
F 29	2 28 30	5°16'27	17° 0	20°50	24°23	22°46	17°11	8°30	13°29	28°26	8°20	22°R13	21° 8	2°37	25°58	F 29
S 30	2 32 27	6°15'41	0♓ 1	20°13	25°33	22°54	17°15	8°28	13°30	28°25	8°20	22°12	21° 5	2°44	25°55	S 30
S 31	2 36 23	7♏14'58	12♓46	19♏28	26♍42	23♓ 3	17♒18	8♓27	13♒30	28♓24	8♌20	22♌11	21♌ 2	2♊50	25♉52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s 6	16s57	1n34	13s29	1s31	12n40	1s 9	7s14	5s25	16s23	0s47	9s26	1s41	17s15	0s40	1s15	0s59	18n20	0n12	13n19	13n53	14n55	16n37	2s49
S 2	3 28	14 21	0 24	14 4	1 39	12 24	1 4	7 16	5 21	16 24	0 47	9 27	1 41	17 16	0 40	1 15	0 59	18 20	0 12	13 19	13 54	14 56	16 36	2 49
S 3	3 51	11 4	0s46	14 38	1 47	12 7	0 59	7 17	5 17	16 24	0 47	9 28	1 41	17 16	0 40	1 16	0 59	18 20	0 13	13 19	13 55	14 58	16 36	2 49
M 4	4 14	7 19	1 53	15 10	1 55	11 51	0 54	7 17	5 13	16 25	0 47	9 30	1 41	17 16	0 40	1 17	0 59	18 20	0 13	13 20	13 56	14 59	16 35	2 50
T 5	4 37	3 17	2 53	15 42	2 3	11 33	0 49	7 18	5 8	16 25	0 47	9 31	1 41	17 16	0 40	1 17	0 59	18 20	0 13	13 21	13 57	15 1	16 35	2 50
W 6	4 59	0n50	3 43	16 13	2 10	11 16	0 44	7 17	5 4	16 26	0 47	9 32	1 41	17 17	0 40	1 18	0 59	18 19	0 13	13 24	13 58	15 2	16 34	2 50
T 7	5 22	4 51	4 23	16 42	2 18	10 57	0 39	7 17	4 59	16 26	0 47	9 33	1 41	17 17	0 40	1 19	0 59	18 19	0 13	13 26	13 59	15 4	16 33	2 50
F 8	5 45	8 37	4 50	17 11	2 25	10 39	0 34	7 16	4 55	16 26	0 47	9 35	1 40	17 17	0 40	1 19	0 59	18 19	0 13	13 29	14 0	15 5	16 33	2 50
S 9	6 7	12 1	5 4	17 38	2 32	10 20	0 29	7 15	4 50	16 27	0 47	9 36	1 40	17 17	0 40	1 20	0 59	18 19	0 13	13 33	14 1	15 7	16 32	2 51
S 10	6 29	14 53	5 4	18 5	2 39	10 1	0 25	7 14	4 45	16 27	0 47	9 37	1 40	17 17	0 40	1 20	0 59	18 19	0 13	13 36	14 2	15 8	16 31	2 51
M11	6 52	17 8	4 51	18 30	2 46	9 42	0 20	7 12	4 40	16 27	0 47	9 38	1 40	17 18	0 40	1 21	0 59	18 19	0 13	13 38	14 3	15 10	16 31	2 51
T 12	7 14	18 40	4 26	18 54	2 52	9 22	0 16	7 10	4 36	16 27	0 47	9 39	1 40	17 18	0 40	1 22	0 59	18 19	0 13	13 40	14 4	15 11	16 30	2 51
W13	7 36	19 23	3 49	19 16	2 59	9 2	0 11	7 8	4 31	16 27	0 47	9 40	1 40	17 18	0 40	1 22	0 59	18 19	0 13	13 41	14 5	15 13	16 29	2 51
T 14	7 58	19 13	3 2	19 38	3 4	8 41	0 7	7 5	4 26	16 27	0 47	9 41	1 40	17 18	0 40	1 23	0 59	18 19	0 13	13 41	14 6	15 14	16 29	2 52
F 15	8 20	18 9	2 5	19 57	3 10	8 20	0 2	7 2	4 21	16 27	0 47	9 42	1 40	17 18	0 40	1 23	0 59	18 18	0 13	13 41	14 7	15 16	16 28	2 52
S 16	8 42	16 10	1 1	20 16	3 15	7 59	0n 2	6 59	4 16	16 27	0 47	9 43	1 40	17 18	0 40	1 24	0 59	18 18	0 13	13 41	14 8	15 17	16 27	2 52
S 17	9 3	13 19	0n 8	20 32	3 19	7 38	0 6	6 55	4 11	16 26	0 47	9 44	1 40	17 18	0 40	1 25	0 59	18 18	0 13	13 41	14 9	15 19	16 27	2 52
M18	9 25	9 41	1 19	20 47	3 23	7 16	0 10	6 51	4 6	16 26	0 47	9 45	1 40	17 18	0 40	1 25	0 59	18 18	0 14	13 41	14 10	15 20	16 26	2 52
T 19	9 46	5 23	2 27	21 0	3 26	6 54	0 15	6 47	4 1	16 26	0 47	9 46	1 40	17 18	0 40	1 26	0 59	18 18	0 14	13 42	14 12	15 22	16 25	2 52
W20	10 8	0 40	3 29	21 11	3 29	6 32	0 19	6 43	3 56	16 25	0 47	9 46	1 40	17 18	0 40	1 26	0 59	18 18	0 14	13 44	14 13	15 23	16 25	2 53
T 21	10 29	4s13	4 18	21 20	3 31	6 9	0 23	6 38	3 51	16 25	0 47	9 47	1 40	17 18	0 40	1 27	0 59	18 18	0 14	13 47	14 14	15 24	16 24	2 53
F 22	10 50	8 56	4 50	21 26	3 32	5 46	0 27	6 33	3 46	16 24	0 47	9 48	1 40	17 18	0 40	1 27	0 59	18 18	0 14	13 50	14 15	15 26	16 23	2 53
S 23	11 11	13 6	5 2	21 31	3 32	5 23	0 30	6 27	3 41	16 24	0 47	9 49	1 40	17 18	0 40	1 28	0 59	18 18	0 14	13 53	14 16	15 27	16 23	2 53
S 24	11 31	16 25	4 54	21 32	3 31	5 0	0 34	6 21	3 36	16 23	0 46	9 49	1 40	17 18	0 40	1 28	0 59	18 18	0 14	13 56	14 17	15 29	16 22	2 53
M25	11 52	18 35	4 25	21 31	3 29	4 37	0 38	6 15	3 31	16 23	0 46	9 50	1 39	17 18	0 40	1 29	0 59	18 18	0 14	13 59	14 18	15 30	16 21	2 53
T 26	12 12	19 30	3 40	21 26	3 26	4 13	0 41	6 9	3 27	16 22	0 46	9 50	1 39	17 18	0 40	1 29	0 59	18 18	0 14	14 0	14 19	15 32	16 20	2 54
W27	12 32	19 8	2 42	21 18	3 22	3 49	0 45	6 2	3 22	16 21	0 46	9 51	1 39	17 18	0 40	1 30	0 59	18 18	0 14	14 1	14 20	15 33	16 20	2 54
T 28	12 52	17 39	1 37	21 7	3 15	3 25	0 48	5 55	3 17	16 20	0 46	9 51	1 39	17 18	0 40	1 30	0 58	18 18	0 14	14 1	14 21	15 35	16 19	2 54
F 29	13 12	15 12	0 28	20 52	3 8	3 1	0 52	5 48	3 12	16 19	0 46	9 52	1 39	17 18	0 40	1 31	0 58	18 18	0 14	14 1	14 22	15 36	16 18	2 54
S 30	13 31	12 2	0s41	20 33	2 58	2 36	0 55	5 41	3 8	16 18	0 46	9 52	1 39	17 18	0 39	1 31	0 58	18 18	0 14	14 1	14 23	15 37	16 17	2 54
S 31	13s51	8s22	1s47	20s10	2s47	2n11	0n58	5s33	3s 3	16s17	0s46	9s53	1s39	17s18	0s39	1s32	0s58	18n18	0n14	14n 2	14n24	15n39	16n17	2s54

Julian Day Number = 2879516.5, Delta T = 01h15m04s
Ecliptic obliquity = 23°17'09, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°08'59, Lahiri = 40°15'59

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ASTRODIENST EPHEMERIS for the year 3171
geocentric

NOVEMBER 3171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 40 20	8♏14'16	25♓18	18°R36	27♍52	23♓12	17♒21	8°R26	13♒30	28°R23	8♌20	22°R 7	20♌59	2♊57	25°R50	M 1
T 2	2 44 16	9°13'35	7♈39	17♏36	29° 3	23°22	17°25	8♓25	13°31	28♓21	8°21	22♌ 0	20°56	3° 4	25♉47	T 2
W 3	2 48 13	10°12'57	19°52	16°30	0♎13	23°33	17°29	8°24	13°31	28°20	8°21	21°50	20°53	3°11	25°44	W 3
T 4	2 52 9	11°12'20	1♉58	15°20	1°23	23°45	17°33	8°23	13°32	28°19	8°21	21°37	20°49	3°17	25°41	T 4
F 5	2 56 6	12°11'46	13°58	14° 7	2°34	23°57	17°37	8°22	13°33	28°18	8°21	21°24	20°46	3°24	25°39	F 5
S 6	3 0 2	13°11'13	25°54	12°54	3°44	24°10	17°42	8°21	13°33	28°17	8°21	21° 9	20°43	3°31	25°36	S 6
S 7	3 3 59	14°10'43	7♊46	11°41	4°55	24°23	17°46	8°21	13°34	28°16	8°21	20°56	20°40	3°37	25°33	S 7
M 8	3 7 56	15°10'15	19°37	10°32	6° 6	24°37	17°51	8°20	13°35	28°15	8°21	20°44	20°37	3°44	25°30	M 8
T 9	3 11 52	16° 9'48	1♋29	9°28	7°17	24°52	17°56	8°20	13°36	28°14	8°R21	20°34	20°33	3°51	25°27	T 9
W10	3 15 49	17° 9'24	13°24	8°32	8°28	25° 8	18° 1	8°20	13°36	28°13	8°21	20°28	20°30	3°58	25°25	W10
T 11	3 19 45	18° 9'02	25°27	7°45	9°40	25°24	18° 6	8°20	13°37	28°12	8°21	20°24	20°27	4° 4	25°22	T 11
F 12	3 23 42	19° 8'42	7♌41	7° 7	10°51	25°40	18°12	8°D19	13°38	28°11	8°21	20°23	20°24	4°11	25°19	F 12
S 13	3 27 38	20° 8'25	20°12	6°41	12° 2	25°58	18°17	8°19	13°39	28°10	8°21	20°23	20°21	4°18	25°16	S 13
S 14	3 31 35	21° 8'09	3♍ 5	6°26	13°14	26°15	18°23	8°20	13°40	28° 9	8°21	20°23	20°18	4°24	25°13	S 14
M15	3 35 31	22° 7'56	16°24	6°D23	14°26	26°34	18°29	8°20	13°42	28° 9	8°21	20°21	20°14	4°31	25°10	M15
T 16	3 39 28	23° 7'45	0♎13	6°30	15°37	26°52	18°35	8°20	13°43	28° 8	8°21	20°18	20°11	4°38	25° 7	T 16
W17	3 43 25	24° 7'36	14°31	6°49	16°49	27°12	18°42	8°21	13°44	28° 7	8°20	20°11	20° 8	4°45	25° 4	W17
T 18	3 47 21	25° 7'29	29°17	7°17	18° 1	27°32	18°48	8°21	13°45	28° 6	8°20	20° 2	20° 5	4°51	25° 1	T 18
F 19	3 51 18	26° 7'24	14♏25	7°54	19°13	27°52	18°55	8°22	13°47	28° 6	8°20	19°52	20° 2	4°58	24°59	F 19
S 20	3 55 14	27° 7'22	29°44	8°40	20°26	28°13	19° 1	8°22	13°48	28° 5	8°20	19°40	19°59	5° 5	24°56	S 20
S 21	3 59 11	28° 7'21	15♐ 3	9°33	21°38	28°35	19° 8	8°23	13°49	28° 4	8°19	19°29	19°55	5°12	24°53	S 21
M22	4 3 7	29° 7'22	0♑11	10°33	22°50	28°57	19°16	8°24	13°51	28° 4	8°19	19°20	19°52	5°18	24°50	M22
T 23	4 7 4	0♐ 7'24	14°59	11°39	24° 3	29°19	19°23	8°25	13°52	28° 3	8°19	19°14	19°49	5°25	24°47	T 23
W24	4 11 0	1° 7'28	29°20	12°49	25°15	29°42	19°30	8°26	13°54	28° 3	8°18	19°11	19°46	5°32	24°44	W24
T 25	4 14 57	2° 7'34	13♒13	14° 4	26°28	0♈ 5	19°38	8°28	13°55	28° 2	8°18	19° 9	19°43	5°38	24°41	T 25
F 26	4 18 54	3° 7'41	26°38	15°23	27°40	0°29	19°45	8°29	13°57	28° 2	8°18	19° 9	19°39	5°45	24°38	F 26
S 27	4 22 50	4° 7'49	9♓39	16°45	28°53	0°53	19°53	8°30	13°59	28° 1	8°17	19° 9	19°36	5°52	24°36	S 27
S 28	4 26 47	5° 7'59	22°20	18° 9	0♏ 6	1°18	20° 1	8°32	14° 1	28° 1	8°17	19° 8	19°33	5°59	24°33	S 28
M29	4 30 43	6° 8'10	4♈44	19°35	1°19	1°43	20° 9	8°34	14° 2	28° 0	8°16	19° 5	19°30	6° 5	24°30	M29
T 30	4 34 40	7♐ 8'23	16♈56	21♏ 4	2♏32	2♈ 8	20♒18	8♓35	14♒ 4	28♓ 0	8♌16	18♌58	19♌27	6♊12	24♉27	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s10	4s23	2s46	19s43	2s34	1n47	1n 1	5s25	2s58	16s16	0s46	9s53	1s39	17s18	0s39	1s32	0s58	18n18	0n15	14n 3	14n25	15n40	16n16	2s54
T 2	14 29	0 17	3 36	19 12	2 19	1 22	1 4	5 17	2 54	16 15	0 46	9 53	1 39	17 17	0 39	1 33	0 58	18 18	0 15	14 5	14 26	15 42	16 15	2 55
W 3	14 47	3n47	4 15	18 38	2 3	0 57	1 7	5 8	2 49	16 14	0 46	9 54	1 39	17 17	0 39	1 33	0 58	18 18	0 15	14 8	14 27	15 43	16 14	2 55
T 4	15 6	7 39	4 43	18 0	1 45	0 31	1 10	5 0	2 45	16 12	0 46	9 54	1 39	17 17	0 39	1 34	0 58	18 18	0 15	14 12	14 28	15 45	16 14	2 55
F 5	15 24	11 12	4 57	17 21	1 26	0 6	1 13	4 51	2 40	16 11	0 46	9 54	1 38	17 17	0 39	1 34	0 58	18 18	0 15	14 17	14 29	15 46	16 13	2 55
S 6	15 42	14 16	4 59	16 40	1 6	0s19	1 15	4 42	2 36	16 10	0 46	9 54	1 38	17 17	0 39	1 34	0 58	18 18	0 15	14 21	14 30	15 47	16 12	2 55
S 7	16 0	16 44	4 47	15 58	0 45	0 45	1 18	4 32	2 32	16 8	0 46	9 54	1 38	17 16	0 39	1 35	0 58	18 18	0 15	14 26	14 31	15 49	16 11	2 55
M 8	16 17	18 31	4 23	15 17	0 25	1 11	1 20	4 23	2 28	16 7	0 46	9 55	1 38	17 16	0 39	1 35	0 58	18 18	0 15	14 29	14 32	15 50	16 11	2 55
T 9	16 34	19 29	3 48	14 37	0 4	1 36	1 23	4 13	2 23	16 5	0 46	9 55	1 38	17 16	0 39	1 35	0 58	18 18	0 15	14 32	14 33	15 52	16 10	2 55
W10	16 51	19 36	3 2	14 1	0n15	2 2	1 25	4 3	2 19	16 3	0 46	9 55	1 38	17 16	0 39	1 36	0 58	18 18	0 15	14 34	14 34	15 53	16 9	2 55
T 11	17 8	18 49	2 8	13 28	0 34	2 28	1 27	3 53	2 15	16 2	0 46	9 55	1 38	17 15	0 39	1 36	0 58	18 18	0 15	14 36	14 35	15 54	16 8	2 56
F 12	17 24	17 9	1 7	13 0	0 51	2 54	1 29	3 43	2 11	16 0	0 45	9 55	1 38	17 15	0 39	1 37	0 58	18 18	0 15	14 36	14 36	15 56	16 7	2 56
S 13	17 40	14 38	0 1	12 36	1 7	3 19	1 31	3 33	2 7	15 58	0 45	9 54	1 38	17 15	0 39	1 37	0 58	18 18	0 15	14 36	14 37	15 57	16 7	2 56
S 14	17 56	11 21	1n 7	12 18	1 21	3 45	1 33	3 22	2 3	15 56	0 45	9 54	1 38	17 14	0 39	1 37	0 58	18 19	0 15	14 36	14 38	15 59	16 6	2 56
M15	18 11	7 22	2 13	12 5	1 34	4 11	1 35	3 11	1 59	15 55	0 45	9 54	1 38	17 14	0 39	1 37	0 58	18 19	0 15	14 37	14 39	16 0	16 5	2 56
T 16	18 26	2 53	3 14	11 58	1 44	4 37	1 37	3 0	1 56	15 53	0 45	9 54	1 37	17 14	0 39	1 38	0 58	18 19	0 16	14 38	14 40	16 1	16 4	2 56
W17	18 41	1s55	4 5	11 55	1 53	5 3	1 39	2 49	1 52	15 51	0 45	9 54	1 37	17 13	0 39	1 38	0 58	18 19	0 16	14 40	14 41	16 3	16 4	2 56
T 18	18 55	6 46	4 41	11 58	2 0	5 29	1 40	2 38	1 48	15 49	0 45	9 53	1 37	17 13	0 39	1 38	0 58	18 19	0 16	14 42	14 42	16 4	16 3	2 56
F 19	19 10	11 18	4 59	12 4	2 6	5 55	1 42	2 26	1 44	15 46	0 45	9 53	1 37	17 12	0 39	1 39	0 58	18 19	0 16	14 46	14 43	16 6	16 2	2 56
S 20	19 23	15 9	4 56	12 15	2 10	6 20	1 43	2 15	1 41	15 44	0 45	9 53	1 37	17 12	0 39	1 39	0 58	18 19	0 16	14 49	14 44	16 7	16 1	2 56
S 21	19 37	17 58	4 31	12 29	2 12	6 46	1 44	2 3	1 37	15 42	0 45	9 52	1 37	17 12	0 39	1 39	0 58	18 19	0 16	14 53	14 45	16 8	16 1	2 56
M22	19 50	19 29	3 48	12 47	2 14	7 11	1 46	1 51	1 34	15 40	0 45	9 52	1 37	17 11	0 39	1 39	0 58	18 20	0 16	14 56	14 46	16 10	16 0	2 56
T 23	20 3	19 38	2 50	13 6	2 14	7 37	1 47	1 39	1 30	15 38	0 45	9 51	1 37	17 11	0 39	1 39	0 58	18 20	0 16	14 58	14 47	16 11	15 59	2 57
W24	20 15	18 29	1 43	13 28	2 13	8 2	1 48	1 27	1 27	15 35	0 45	9 51	1 37	17 10	0 39	1 40	0 58	18 20	0 16	14 59	14 48	16 13	15 58	2 57
T 25	20 27	16 15	0 31	13 52	2 11	8 27	1 49	1 15	1 24	15 33	0 45	9 50	1 36	17 10	0 39	1 40	0 58	18 20	0 16	14 59	14 49	16 14	15 58	2 57
F 26	20 39	13 11	0s40	14 17	2 9	8 53	1 49	1 3	1 21	15 30	0 45	9 50	1 36	17 9	0 39	1 40	0 58	18 20	0 16	14 59	14 50	16 15	15 57	2 57
S 27	20 50	9 33	1 46	14 44	2 5	9 18	1 50	0 50	1 17	15 28	0 45	9 49	1 36	17 9	0 39	1 40	0 58	18 20	0 16	14 59	14 51	16 17	15 56	2 57
S 28	21 1	5 34	2 46	15 11	2 2	9 42	1 51	0 37	1 14	15 25	0 45	9 48	1 36	17 8	0 39	1 40	0 58	18 21	0 16	14 59	14 52	16 18	15 55	2 57
M29	21 12	1 27	3 37	15 38	1 57	10 7	1 51	0 25	1 11	15 23	0 45	9 48	1 36	17 8	0 39	1 40	0 58	18 21	0 16	15 0	14 53	16 19	15 55	2 57
T 30	21s22	2n40	4s16	16s 6	1n52	10s31	1n52	0s12	1s 8	15s20	0s45	9s47	1s36	17s 7	0s39	1s41	0s58	18n21	0n17	15n 2	14n54	16n21	15n54	2s57

Julian Day Number = 2879547.5, Delta T = 01h15m05s
Ecliptic obliquity = 23°17'09, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°09'03, Lahiri = 40°16'04

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ASTRODIENST EPHEMERIS for the year 3171
geocentric

DECEMBER 3171 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 38 36	8♐ 8'37	29♈ 0	22♏34	3♏45	2♈34	20♒26	8♓37	14♒ 6	28°R 0	8°R15	18°R49	19♌24	6♊19	24°R24	W 1
T 2	4 42 33	9° 8'53	10♉57	24° 5	4°58	3° 0	20°35	8°39	14° 8	28♓ 0	8♌15	18♌38	19°20	6°25	24♉21	T 2
F 3	4 46 29	10° 9'10	22°52	25°37	6°11	3°26	20°43	8°41	14°10	27°59	8°14	18°25	19°17	6°32	24°19	F 3
S 4	4 50 26	11° 9'29	4♊45	27°10	7°24	3°53	20°52	8°43	14°12	27°59	8°13	18°12	19°14	6°39	24°16	S 4
S 5	4 54 23	12° 9'49	16°37	28°43	8°38	4°20	21° 1	8°46	14°14	27°59	8°13	17°59	19°11	6°46	24°13	S 5
M 6	4 58 19	13°10'12	28°30	0♑17	9°51	4°48	21°10	8°48	14°16	27°59	8°12	17°48	19° 8	6°52	24°10	M 6
T 7	5 2 16	14°10'35	10♋26	1°51	11° 5	5°16	21°19	8°50	14°18	27°59	8°12	17°39	19° 5	6°59	24° 8	T 7
W 8	5 6 12	15°11'01	22°27	3°26	12°18	5°44	21°29	8°53	14°20	27°59	8°11	17°33	19° 1	7° 6	24° 5	W 8
T 9	5 10 9	16°11'28	4♌34	5° 1	13°32	6°12	21°38	8°56	14°23	27°59	8°10	17°30	18°58	7°12	24° 2	T 9
F 10	5 14 5	17°11'57	16°52	6°35	14°45	6°41	21°48	8°58	14°25	27°D59	8° 9	17°D29	18°55	7°19	24° 0	F 10
S 11	5 18 2	18°12'27	29°24	8°10	15°59	7°10	21°58	9° 1	14°27	27°59	8° 9	17°30	18°52	7°26	23°57	S 11
S 12	5 21 58	19°12'59	12♍14	9°45	17°13	7°39	22° 7	9° 4	14°30	27°59	8° 8	17°31	18°49	7°33	23°55	S 12
M13	5 25 55	20°13'33	25°27	11°20	18°26	8° 9	22°17	9° 7	14°32	27°59	8° 7	17°R31	18°45	7°39	23°52	M13
T 14	5 29 52	21°14'09	9♎ 5	12°55	19°40	8°39	22°27	9°10	14°34	27°59	8° 6	17°29	18°42	7°46	23°50	T 14
W15	5 33 48	22°14'46	23°11	14°30	20°54	9° 9	22°38	9°13	14°37	27°59	8° 6	17°25	18°39	7°53	23°47	W15
T 16	5 37 45	23°15'25	7♏44	16° 4	22° 8	9°39	22°48	9°17	14°39	27°59	8° 5	17°20	18°36	7°59	23°45	T 16
F 17	5 41 41	24°16'05	22°39	17°39	23°22	10°10	22°58	9°20	14°42	27°59	8° 4	17°12	18°33	8° 6	23°42	F 17
S 18	5 45 38	25°16'47	7♐50	19°14	24°36	10°40	23° 9	9°23	14°44	28° 0	8° 3	17° 4	18°30	8°13	23°40	S 18
S 19	5 49 34	26°17'30	23° 6	20°48	25°50	11°12	23°20	9°27	14°47	28° 0	8° 2	16°56	18°26	8°20	23°38	S 19
M20	5 53 31	27°18'15	8♑17	22°22	27° 4	11°43	23°30	9°31	14°50	28° 0	8° 1	16°49	18°23	8°26	23°35	M20
T 21	5 57 28	28°19'01	23°12	23°57	28°18	12°14	23°41	9°34	14°52	28° 1	8° 0	16°44	18°20	8°33	23°33	T 21
W22	6 1 24	29°19'48	7♒43	25°31	29°33	12°46	23°52	9°38	14°55	28° 1	7°59	16°42	18°17	8°40	23°31	W22
T 23	6 5 21	0♑20'36	21°47	27° 5	0♑47	13°18	24° 3	9°42	14°58	28° 2	7°58	16°D42	18°14	8°46	23°29	T 23
F 24	6 9 17	1°21'24	5♓22	28°40	2° 1	13°50	24°14	9°46	15° 1	28° 2	7°57	16°43	18°11	8°53	23°26	F 24
S 25	6 13 14	2°22'13	18°30	0♑14	3°15	14°23	24°26	9°50	15° 3	28° 3	7°56	16°44	18° 7	9° 0	23°24	S 25
S 26	6 17 10	3°23'03	1♈15	1°48	4°30	14°55	24°37	9°54	15° 6	28° 3	7°55	16°R45	18° 4	9° 7	23°22	S 26
M27	6 21 7	4°23'54	13°40	3°22	5°44	15°28	24°48	9°59	15° 9	28° 4	7°54	16°45	18° 1	9°13	23°20	M27
T 28	6 25 3	5°24'46	25°51	4°56	6°58	16° 1	25° 0	10° 3	15°12	28° 4	7°53	16°42	17°58	9°20	23°18	T 28
W29	6 29 0	6°25'38	7♉51	6°30	8°13	16°34	25°12	10° 7	15°15	28° 5	7°52	16°38	17°55	9°27	23°16	W29
T 30	6 32 57	7°26'31	19°45	8° 5	9°27	17° 8	25°23	10°12	15°18	28° 6	7°51	16°32	17°51	9°33	23°14	T 30
F 31	6 36 53	8♑27'25	1♊37	9♑39	10♑42	17♈41	25♒35	10♓16	15♒21	28♓ 6	7♌50	16♌25	17♌48	9♊40	23♉13	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s31	6n37	4s44	16s34	1n47	10s56	1n52	0n 1	1s 5	15s17	0s45	9s46	1s36	17s 6	0s39	1s41	0s58	18n21	0n17	15n 5	14n55	16n22	15n53	2s57
T 2	21 41	10 17	4 59	17 2	1 41	11 20	1 52	0 14	1 2	15 15	0 45	9 45	1 36	17 6	0 39	1 41	0 58	18 21	0 17	15 9	14 56	16 24	15 53	2 57
F 3	21 50	13 31	5 1	17 30	1 35	11 44	1 53	0 27	0 59	15 12	0 45	9 44	1 36	17 5	0 39	1 41	0 58	18 22	0 17	15 13	14 57	16 25	15 52	2 57
S 4	21 58	16 12	4 49	17 57	1 29	12 7	1 53	0 40	0 56	15 9	0 44	9 43	1 36	17 5	0 39	1 41	0 58	18 22	0 17	15 17	14 58	16 26	15 51	2 57
S 5	22 6	18 13	4 25	18 24	1 22	12 30	1 53	0 54	0 54	15 6	0 44	9 43	1 35	17 4	0 39	1 41	0 58	18 22	0 17	15 21	14 59	16 28	15 51	2 57
M 6	22 14	19 27	3 50	18 51	1 16	12 54	1 53	1 7	0 51	15 3	0 44	9 42	1 35	17 3	0 38	1 41	0 58	18 22	0 17	15 24	15 0	16 29	15 50	2 57
T 7	22 21	19 49	3 4	19 16	1 9	13 16	1 52	1 20	0 48	15 0	0 44	9 41	1 35	17 3	0 38	1 41	0 58	18 22	0 17	15 27	15 0	16 30	15 49	2 57
W 8	22 28	19 18	2 10	19 41	1 2	13 39	1 52	1 34	0 46	14 57	0 44	9 40	1 35	17 2	0 38	1 41	0 58	18 23	0 17	15 28	15 1	16 32	15 49	2 57
T 9	22 34	17 53	1 9	20 6	0 55	14 1	1 52	1 47	0 43	14 54	0 44	9 38	1 35	17 2	0 38	1 41	0 58	18 23	0 17	15 29	15 2	16 33	15 48	2 57
F 10	22 40	15 38	0 3	20 29	0 48	14 23	1 51	2 1	0 40	14 51	0 44	9 37	1 35	17 1	0 38	1 41	0 58	18 23	0 17	15 30	15 3	16 34	15 47	2 57
S 11	22 46	12 36	1n 3	20 51	0 41	14 45	1 51	2 15	0 38	14 48	0 44	9 36	1 35	17 0	0 38	1 41	0 58	18 23	0 17	15 29	15 4	16 36	15 47	2 57
S 12	22 51	8 55	2 9	21 13	0 34	15 6	1 50	2 29	0 35	14 45	0 44	9 35	1 35	16 59	0 38	1 41	0 58	18 24	0 17	15 29	15 5	16 37	15 46	2 57
M13	22 56	4 41	3 9	21 33	0 27	15 27	1 50	2 42	0 33	14 41	0 44	9 34	1 35	16 59	0 38	1 41	0 58	18 24	0 17	15 29	15 6	16 38	15 45	2 57
T 14	23 0	0 7	4 0	21 53	0 19	15 47	1 49	2 56	0 31	14 38	0 44	9 33	1 35	16 58	0 38	1 41	0 58	18 24	0 17	15 30	15 7	16 40	15 45	2 57
W15	23 4	4s37	4 39	22 11	0 12	16 8	1 48	3 10	0 28	14 35	0 44	9 31	1 34	16 57	0 38	1 41	0 58	18 25	0 18	15 31	15 8	16 41	15 44	2 57
T 16	23 7	9 14	5 2	22 28	0 5	16 27	1 47	3 24	0 26	14 31	0 44	9 30	1 34	16 57	0 38	1 41	0 58	18 25	0 18	15 33	15 9	16 42	15 44	2 57
F 17	23 10	13 24	5 5	22 45	0s 2	16 47	1 46	3 38	0 24	14 28	0 44	9 29	1 34	16 56	0 38	1 40	0 57	18 25	0 18	15 35	15 10	16 44	15 43	2 57
S 18	23 12	16 46	4 46	23 0	0 9	17 6	1 45	3 52	0 21	14 24	0 44	9 27	1 34	16 55	0 38	1 40	0 57	18 25	0 18	15 37	15 11	16 45	15 42	2 57
S 19	23 14	18 59	4 8	23 13	0 15	17 24	1 44	4 6	0 19	14 21	0 44	9 26	1 34	16 54	0 38	1 40	0 57	18 26	0 18	15 40	15 12	16 46	15 42	2 57
M20	23 15	19 50	3 12	23 26	0 22	17 42	1 43	4 20	0 17	14 17	0 44	9 24	1 34	16 53	0 38	1 40	0 57	18 26	0 18	15 42	15 13	16 48	15 41	2 57
T 21	23 16	19 17	2 3	23 38	0 29	18 0	1 42	4 35	0 15	14 14	0 44	9 23	1 34	16 53	0 38	1 40	0 57	18 26	0 18	15 43	15 14	16 49	15 41	2 57
W22	23 17	17 27	0 48	23 48	0 35	18 17	1 40	4 49	0 13	14 10	0 44	9 21	1 34	16 52	0 38	1 40	0 57	18 27	0 18	15 44	15 15	16 50	15 40	2 57
T 23	23 17	14 35	0s27	23 57	0 42	18 34	1 39	5 3	0 11	14 7	0 44	9 20	1 34	16 51	0 38	1 39	0 57	18 27	0 18	15 44	15 16	16 52	15 40	2 57
F 24	23 17	11 1	1 39	24 5	0 48	18 50	1 38	5 17	0 9	14 3	0 44	9 18	1 34	16 50	0 38	1 39	0 57	18 27	0 18	15 44	15 17	16 53	15 39	2 57
S 25	23 16	7 2	2 43	24 11	0 54	19 6	1 36	5 32	0 7	13 59	0 44	9 17	1 34	16 49	0 38	1 39	0 57	18 28	0 18	15 43	15 18	16 54	15 39	2 57
S 26	23 15	2 50	3 38	24 16	1 0	19 21	1 35	5 46	0 5	13 55	0 44	9 15	1 33	16 49	0 38	1 39	0 57	18 28	0 18	15 43	15 19	16 55	15 38	2 57
M27	23 13	1n22	4 20	24 20	1 6	19 36	1 33	6 0	0 3	13 51	0 44	9 13	1 33	16 48	0 38	1 39	0 57	18 28	0 18	15 43	15 20	16 57	15 38	2 57
T 28	23 11	5 25	4 50	24 23	1 11	19 50	1 31	6 15	0 1	13 48	0 44	9 12	1 33	16 47	0 38	1 38	0 57	18 29	0 18	15 44	15 21	16 58	15 37	2 57
W29	23 8	9 12	5 6	24 24	1 17	20 4	1 29	6 29	0n 0	13 44	0 44	9 10	1 33	16 46	0 38	1 38	0 57	18 29	0 19	15 45	15 22	16 59	15 37	2 57
T 30	23 5	12 36	5 9	24 24	1 22	20 17	1 28	6 43	0 2	13 40	0 44	9 8	1 33	16 45	0 38	1 38	0 57	18 29	0 19	15 47	15 23	17 1	15 37	2 57
F 31	23s 1	15n28	4s59	24s23	1s27	20s29	1n26	6n58	0n 4	13s36	0s44	9s 6	1s33	16s44	0s38	1s37	0s57	18n30	0n19	15n49	15n24	17n 2	15n36	2s57

Julian Day Number = 2879577.5, Delta T = 01h15m05s
Ecliptic obliquity = 23°17'08, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°09'07, Lahiri = 40°16'08

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ASTRODIENST EPHEMERIS for the year 3172
geocentric

JANUARY 3172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 40 50	9♑28'19	13♊29	11♑13	11♐56	18♈15	25♒47	10♓21	15♒24	28♓ 7	7°R49	16°R18	17♌45	9♊47	23°R11	S 1
S 2	6 44 46	10°29'15	25°23	12°48	13°11	18°49	25°59	10°26	15°27	28° 8	7♌48	16♌11	17°42	9°54	23♉ 9	S 2
M 3	6 48 43	11°30'11	7♋21	14°22	14°25	19°23	26°11	10°30	15°30	28° 9	7°47	16° 5	17°39	10° 0	23° 7	M 3
T 4	6 52 39	12°31'07	19°26	15°57	15°40	19°57	26°23	10°35	15°33	28° 9	7°46	16° 0	17°36	10° 7	23° 6	T 4
W 5	6 56 36	13°32'05	1♌37	17°32	16°54	20°31	26°36	10°40	15°36	28°10	7°44	15°58	17°32	10°14	23° 4	W 5
T 6	7 0 32	14°33'03	13°57	19° 7	18° 9	21° 6	26°48	10°45	15°39	28°11	7°43	15°D57	17°29	10°20	23° 3	T 6
F 7	7 4 29	15°34'02	26°28	20°42	19°24	21°40	27° 0	10°50	15°43	28°12	7°42	15°57	17°26	10°27	23° 1	F 7
S 8	7 8 26	16°35'02	9♍11	22°17	20°38	22°15	27°13	10°55	15°46	28°13	7°41	15°58	17°23	10°34	23° 0	S 8
S 9	7 12 22	17°36'02	22° 9	23°53	21°53	22°50	27°25	11° 0	15°49	28°14	7°40	16° 0	17°20	10°41	22°58	S 9
M10	7 16 19	18°37'04	5♎24	25°28	23° 8	23°24	27°38	11° 6	15°52	28°15	7°39	16° 2	17°17	10°47	22°57	M10
T 11	7 20 15	19°38'06	18°58	27° 4	24°23	23°59	27°51	11°11	15°55	28°16	7°37	16°R 2	17°13	10°54	22°56	T 11
W12	7 24 12	20°39'09	2♏53	28°40	25°37	24°35	28° 3	11°16	15°59	28°17	7°36	16° 2	17°10	11° 1	22°54	W12
T 13	7 28 8	21°40'12	17° 8	0♒16	26°52	25°10	28°16	11°22	16° 2	28°19	7°35	16° 0	17° 7	11° 7	22°53	T 13
F 14	7 32 5	22°41'17	1♐42	1°52	28° 7	25°45	28°29	11°27	16° 5	28°20	7°34	15°57	17° 4	11°14	22°52	F 14
S 15	7 36 1	23°42'22	16°30	3°29	29°22	26°21	28°42	11°33	16° 9	28°21	7°32	15°54	17° 1	11°21	22°51	S 15
S 16	7 39 58	24°43'28	1♑25	5° 5	0♑37	26°56	28°55	11°39	16°12	28°22	7°31	15°51	16°57	11°28	22°50	S 16
M17	7 43 55	25°44'34	16°19	6°41	1°52	27°32	29° 8	11°44	16°15	28°23	7°30	15°49	16°54	11°34	22°49	M17
T 18	7 47 51	26°45'41	1♒ 3	8°18	3° 7	28° 8	29°21	11°50	16°19	28°25	7°29	15°47	16°51	11°41	22°48	T 18
W19	7 51 48	27°46'48	15°31	9°54	4°22	28°44	29°34	11°56	16°22	28°26	7°27	15°D46	16°48	11°48	22°47	W19
T 20	7 55 44	28°47'54	29°37	11°30	5°37	29°20	29°48	12° 2	16°26	28°27	7°26	15°47	16°45	11°54	22°46	T 20
F 21	7 59 41	29°49'01	13♓19	13° 6	6°51	29°56	0♓ 1	12° 8	16°29	28°29	7°25	15°48	16°42	12° 1	22°46	F 21
S 22	8 3 37	0♒50'08	26°34	14°41	8° 6	0♉32	0°14	12°14	16°32	28°30	7°24	15°49	16°38	12° 8	22°45	S 22
S 23	8 7 34	1°51'14	9♈26	16°16	9°21	1° 9	0°28	12°20	16°36	28°31	7°22	15°51	16°35	12°15	22°44	S 23
M24	8 11 30	2°52'20	21°56	17°50	10°36	1°45	0°41	12°26	16°39	28°33	7°21	15°51	16°32	12°21	22°44	M24
T 25	8 15 27	3°53'26	4♉10	19°24	11°51	2°22	0°55	12°32	16°43	28°34	7°20	15°R52	16°29	12°28	22°43	T 25
W26	8 19 24	4°54'32	16°12	20°56	13° 6	2°58	1° 8	12°38	16°46	28°36	7°19	15°51	16°26	12°35	22°43	W26
T 27	8 23 20	5°55'38	28° 6	22°27	14°21	3°35	1°22	12°44	16°50	28°37	7°17	15°51	16°23	12°41	22°42	T 27
F 28	8 27 17	6°56'43	9♊57	23°56	15°36	4°12	1°36	12°51	16°53	28°39	7°16	15°49	16°19	12°48	22°42	F 28
S 29	8 31 13	7°57'47	21°50	25°23	16°51	4°48	1°49	12°57	16°57	28°41	7°15	15°48	16°16	12°55	22°42	S 29
S 30	8 35 10	8°58'52	3♋46	26°48	18° 6	5°25	2° 3	13° 3	17° 0	28°42	7°13	15°47	16°13	13° 1	22°42	S 30
M31	8 39 6	9♒59'56	15♋51	28♒ 9	19♑21	6♉ 2	2♓17	13♓10	17♒ 4	28♓44	7♌12	15♌46	16♌10	13♊ 8	22♉41	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s57	17n42	4s36	24s21	1s32	20s41	1n24	7n12	0n 6	13s32	0s44	9s 5	1s33	16s43	0s38	1s37	0s57	18n30	0n19	15n51	15n25	17n 3	15n36	2s57
S 2	22 52	19 12	4 1	24 17	1 37	20 53	1 22	7 26	0 7	13 28	0 44	9 3	1 33	16 42	0 38	1 37	0 57	18 30	0 19	15 53	15 26	17 4	15 35	2 57
M 3	22 47	19 50	3 15	24 11	1 41	21 4	1 20	7 41	0 9	13 24	0 44	9 1	1 33	16 41	0 38	1 36	0 57	18 31	0 19	15 55	15 27	17 6	15 35	2 57
T 4	22 42	19 35	2 20	24 5	1 45	21 14	1 18	7 55	0 11	13 20	0 44	8 59	1 33	16 41	0 38	1 36	0 57	18 31	0 19	15 56	15 28	17 7	15 35	2 56
W 5	22 36	18 25	1 18	23 57	1 49	21 23	1 16	8 9	0 12	13 15	0 44	8 57	1 33	16 40	0 38	1 36	0 57	18 31	0 19	15 57	15 29	17 8	15 34	2 56
T 6	22 30	16 22	0 11	23 48	1 53	21 32	1 14	8 24	0 14	13 11	0 44	8 55	1 33	16 39	0 38	1 35	0 57	18 32	0 19	15 57	15 30	17 10	15 34	2 56
F 7	22 23	13 31	0n57	23 37	1 56	21 41	1 11	8 38	0 15	13 7	0 44	8 53	1 33	16 38	0 38	1 35	0 57	18 32	0 19	15 57	15 31	17 11	15 34	2 56
S 8	22 16	10 0	2 4	23 25	1 59	21 49	1 9	8 52	0 17	13 3	0 44	8 51	1 33	16 37	0 38	1 35	0 57	18 32	0 19	15 57	15 32	17 12	15 33	2 56
S 9	22 8	5 57	3 6	23 11	2 2	21 56	1 7	9 6	0 18	12 58	0 44	8 49	1 32	16 36	0 38	1 34	0 57	18 33	0 19	15 56	15 33	17 13	15 33	2 56
M10	22 0	1 32	3 59	22 57	2 4	22 2	1 5	9 21	0 20	12 54	0 44	8 47	1 32	16 35	0 38	1 34	0 57	18 33	0 19	15 56	15 33	17 15	15 33	2 56
T 11	21 52	3s 3	4 40	22 41	2 6	22 8	1 2	9 35	0 21	12 50	0 44	8 45	1 32	16 34	0 38	1 33	0 57	18 34	0 19	15 56	15 34	17 16	15 33	2 56
W12	21 43	7 35	5 6	22 23	2 8	22 13	1 0	9 49	0 23	12 45	0 44	8 43	1 32	16 33	0 38	1 33	0 57	18 34	0 19	15 56	15 35	17 17	15 32	2 56
T 13	21 33	11 49	5 14	22 4	2 10	22 18	0 57	10 3	0 24	12 41	0 44	8 41	1 32	16 32	0 38	1 32	0 57	18 34	0 20	15 56	15 36	17 18	15 32	2 56
F 14	21 23	15 25	5 3	21 44	2 11	22 21	0 55	10 17	0 25	12 37	0 44	8 39	1 32	16 31	0 38	1 32	0 57	18 35	0 20	15 57	15 37	17 20	15 32	2 56
S 15	21 13	18 7	4 31	21 23	2 11	22 25	0 53	10 31	0 27	12 32	0 44	8 36	1 32	16 30	0 38	1 31	0 57	18 35	0 20	15 58	15 38	17 21	15 32	2 56
S 16	21 3	19 36	3 41	21 0	2 11	22 27	0 50	10 45	0 28	12 28	0 44	8 34	1 32	16 29	0 38	1 31	0 57	18 35	0 20	15 59	15 39	17 22	15 32	2 56
M17	20 52	19 43	2 35	20 36	2 11	22 29	0 47	10 59	0 29	12 23	0 44	8 32	1 32	16 28	0 38	1 30	0 57	18 36	0 20	16 0	15 40	17 23	15 31	2 56
T 18	20 40	18 29	1 20	20 10	2 10	22 30	0 45	11 13	0 31	12 18	0 44	8 30	1 32	16 27	0 38	1 30	0 57	18 36	0 20	16 0	15 41	17 25	15 31	2 55
W19	20 28	16 3	0 1	19 44	2 9	22 30	0 42	11 27	0 32	12 14	0 44	8 28	1 32	16 26	0 38	1 29	0 57	18 37	0 20	16 0	15 42	17 26	15 31	2 55
T 20	20 16	12 43	1s16	19 16	2 7	22 30	0 40	11 41	0 33	12 9	0 44	8 25	1 32	16 25	0 38	1 29	0 57	18 37	0 20	16 0	15 43	17 27	15 31	2 55
F 21	20 4	8 47	2 26	18 46	2 5	22 29	0 37	11 55	0 34	12 5	0 44	8 23	1 32	16 24	0 38	1 28	0 57	18 37	0 20	16 0	15 44	17 28	15 31	2 55
S 22	19 51	4 31	3 27	18 16	2 2	22 28	0 35	12 8	0 35	12 0	0 44	8 21	1 32	16 23	0 38	1 28	0 57	18 38	0 20	15 59	15 45	17 30	15 31	2 55
S 23	19 37	0 12	4 15	17 45	1 59	22 26	0 32	12 22	0 36	11 55	0 44	8 18	1 32	16 22	0 38	1 27	0 57	18 38	0 20	15 59	15 46	17 31	15 31	2 55
M24	19 23	4n 0	4 50	17 12	1 54	22 23	0 29	12 36	0 38	11 50	0 44	8 16	1 32	16 21	0 38	1 26	0 57	18 39	0 20	15 59	15 47	17 32	15 31	2 55
T 25	19 9	7 57	5 10	16 39	1 50	22 19	0 27	12 49	0 39	11 46	0 44	8 14	1 32	16 20	0 38	1 26	0 57	18 39	0 20	15 59	15 48	17 33	15 31	2 55
W26	18 55	11 31	5 17	16 4	1 44	22 15	0 24	13 3	0 40	11 41	0 44	8 11	1 32	16 19	0 38	1 25	0 57	18 39	0 20	15 59	15 49	17 34	15 31	2 55
T 27	18 40	14 35	5 10	15 29	1 38	22 10	0 21	13 16	0 41	11 36	0 44	8 9	1 32	16 18	0 38	1 25	0 57	18 40	0 20	15 59	15 50	17 36	15 31	2 55
F 28	18 25	17 2	4 49	14 53	1 31	22 4	0 19	13 30	0 42	11 31	0 44	8 6	1 32	16 17	0 38	1 24	0 57	18 40	0 20	15 59	15 51	17 37	15 31	2 55
S 29	18 10	18 46	4 16	14 17	1 23	21 58	0 16	13 43	0 43	11 26	0 44	8 4	1 32	16 15	0 38	1 23	0 57	18 40	0 21	16 0	15 52	17 38	15 31	2 55
S 30	17 54	19 42	3 32	13 40	1 14	21 51	0 13	13 56	0 44	11 22	0 44	8 1	1 31	16 14	0 38	1 23	0 57	18 41	0 21	16 0	15 52	17 39	15 31	2 54
M31	17s38	19n44	2s39	13s 3	1s 5	21s43	0n11	14n 9	0n45	11s17	0s44	7s59	1s31	16s13	0s38	1s22	0s57	18n41	0n21	16n 0	15n53	17n41	15n31	2s54

Julian Day Number = 2879608.5, Delta T = 01h15m06s
Ecliptic obliquity = 23°17'08, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°09'12, Lahiri = 40°16'12

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ASTRODIENST EPHEMERIS for the year 3172
geocentric

FEBRUARY 3172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 43 3	11♒ 1'00	28♋ 5	29♒27	20♉36	6♉39	2♓31	13♓16	17♒ 7	28♓45	7°R11	15°R46	16♌ 7	13♊15	22°R41	T 1
W 2	8 47 0	12° 2'03	10♌30	0♓41	21°52	7°16	2°45	13°23	17°11	28°47	7♌10	15°D46	16° 3	13°22	22°D41	W 2
T 3	8 50 56	13° 3'06	23° 8	1°51	23° 7	7°53	2°59	13°29	17°14	28°49	7° 8	15♌46	16° 0	13°28	22♉41	T 3
F 4	8 54 53	14° 4'08	6♍ 0	2°54	24°22	8°30	3°13	13°36	17°18	28°51	7° 7	15°46	15°57	13°35	22°41	F 4
S 5	8 58 49	15° 5'11	19° 4	3°51	25°37	9° 8	3°26	13°43	17°22	28°52	7° 6	15°46	15°54	13°42	22°42	S 5
S 6	9 2 46	16° 6'13	2♎22	4°41	26°52	9°45	3°41	13°49	17°25	28°54	7° 4	15°R46	15°51	13°48	22°42	S 6
M 7	9 6 42	17° 7'14	15°52	5°23	28° 7	10°22	3°55	13°56	17°29	28°56	7° 3	15°46	15°48	13°55	22°42	M 7
T 8	9 10 39	18° 8'16	29°35	5°56	29°22	10°59	4° 9	14° 3	17°32	28°58	7° 2	15°46	15°44	14° 2	22°42	T 8
W 9	9 14 35	19° 9'17	13♏31	6°19	0♒37	11°37	4°23	14°10	17°36	29° 0	7° 1	15°D45	15°41	14° 9	22°43	W 9
T 10	9 18 32	20°10'18	27°37	6°32	1°52	12°14	4°37	14°16	17°39	29° 1	6°59	15°45	15°38	14°15	22°43	T 10
F 11	9 22 28	21°11'19	11♐53	6°R33	3° 7	12°52	4°51	14°23	17°43	29° 3	6°58	15°46	15°35	14°22	22°44	F 11
S 12	9 26 25	22°12'20	26°15	6°23	4°22	13°29	5° 5	14°30	17°46	29° 5	6°57	15°46	15°32	14°29	22°44	S 12
S 13	9 30 22	23°13'20	10♑41	6° 1	5°38	14° 7	5°19	14°37	17°50	29° 7	6°56	15°47	15°29	14°35	22°45	S 13
M14	9 34 18	24°14'19	25° 6	5°28	6°53	14°45	5°34	14°44	17°53	29° 9	6°54	15°48	15°25	14°42	22°46	M14
T 15	9 38 15	25°15'18	9♒26	4°45	8° 8	15°22	5°48	14°51	17°57	29°11	6°53	15°R48	15°22	14°49	22°46	T 15
W16	9 42 11	26°16'17	23°34	3°52	9°23	16° 0	6° 2	14°58	18° 0	29°13	6°52	15°48	15°19	14°55	22°47	W16
T 17	9 46 8	27°17'14	7♓28	2°51	10°38	16°38	6°16	15° 5	18° 4	29°15	6°51	15°47	15°16	15° 2	22°48	T 17
F 18	9 50 4	28°18'11	21° 3	1°43	11°53	17°16	6°31	15°12	18° 7	29°17	6°50	15°46	15°13	15° 9	22°49	F 18
S 19	9 54 1	29°19'06	4♈17	0°31	13° 8	17°54	6°45	15°19	18°11	29°19	6°48	15°44	15° 9	15°16	22°50	S 19
S 20	9 57 57	0♓20'01	17°11	29♒17	14°24	18°31	6°59	15°26	18°14	29°21	6°47	15°42	15° 6	15°22	22°51	S 20
M21	10 1 54	1°20'54	29°45	28° 3	15°39	19° 9	7°14	15°33	18°18	29°23	6°46	15°40	15° 3	15°29	22°52	M21
T 22	10 5 51	2°21'46	12♉ 2	26°51	16°54	19°47	7°28	15°40	18°21	29°25	6°45	15°38	15° 0	15°36	22°53	T 22
W23	10 9 47	3°22'37	24° 7	25°42	18° 9	20°25	7°42	15°47	18°25	29°27	6°44	15°37	14°57	15°42	22°54	W23
T 24	10 13 44	4°23'26	6♊ 2	24°39	19°24	21° 3	7°57	15°54	18°28	29°29	6°43	15°D37	14°54	15°49	22°56	T 24
F 25	10 17 40	5°24'14	17°53	23°43	20°39	21°41	8°11	16° 2	18°32	29°31	6°42	15°37	14°50	15°56	22°57	F 25
S 26	10 21 37	6°25'01	29°46	22°54	21°54	22°19	8°26	16° 9	18°35	29°34	6°40	15°39	14°47	16° 2	22°58	S 26
S 27	10 25 33	7°25'47	11♋43	22°13	23° 9	22°58	8°40	16°16	18°39	29°36	6°39	15°40	14°44	16° 9	23° 0	S 27
M28	10 29 30	8°26'31	23°51	21°40	24°24	23°36	8°54	16°23	18°42	29°38	6°38	15°42	14°41	16°16	23° 1	M28
T 29	10 33 26	9♓27'14	6♌12	21♒15	25♒40	24♉14	9♓ 9	16♓30	18♒45	29♓40	6♌37	15♌43	14♌38	16♊23	23♉ 3	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s21	18n50	1s37	12s26	0s54	21s35	0n 8	14n22	0n46	11s12	0s44	7s56	1s31	16s12	0s38	1s21	0s56	18n42	0n21	16n 1	15n54	17n42	15n31	2s54
W 2	17 4	17 1	0 29	11 49	0 43	21 26	0 6	14 35	0 47	11 7	0 44	7 54	1 31	16 11	0 38	1 21	0 56	18 42	0 21	16 1	15 55	17 43	15 31	2 54
T 3	16 47	14 22	0n41	11 13	0 30	21 16	0 3	14 48	0 48	11 2	0 44	7 51	1 31	16 10	0 38	1 20	0 56	18 42	0 21	16 1	15 56	17 44	15 31	2 54
F 4	16 30	10 58	1 50	10 38	0 17	21 6	0 0	15 1	0 48	10 57	0 44	7 49	1 31	16 9	0 38	1 19	0 56	18 43	0 21	16 1	15 57	17 45	15 31	2 54
S 5	16 12	6 59	2 55	10 4	0 3	20 55	0s 2	15 14	0 49	10 52	0 44	7 46	1 31	16 8	0 38	1 19	0 56	18 43	0 21	16 1	15 58	17 47	15 31	2 54
S 6	15 54	2 36	3 51	9 32	0n12	20 44	0 5	15 26	0 50	10 47	0 44	7 44	1 31	16 7	0 38	1 18	0 56	18 44	0 21	16 1	15 59	17 48	15 31	2 54
M 7	15 36	1s58	4 35	9 2	0 28	20 32	0 8	15 39	0 51	10 42	0 44	7 41	1 31	16 6	0 38	1 17	0 56	18 44	0 21	16 1	16 0	17 49	15 32	2 54
T 8	15 18	6 30	5 5	8 35	0 45	20 19	0 10	15 51	0 52	10 37	0 44	7 39	1 31	16 5	0 38	1 16	0 56	18 44	0 21	16 1	16 1	17 50	15 32	2 54
W 9	14 59	10 45	5 17	8 11	1 2	20 6	0 13	16 3	0 53	10 32	0 44	7 36	1 31	16 4	0 38	1 16	0 56	18 45	0 21	16 1	16 2	17 51	15 32	2 53
T 10	14 40	14 27	5 11	7 50	1 19	19 52	0 15	16 16	0 53	10 27	0 44	7 33	1 31	16 3	0 38	1 15	0 56	18 45	0 21	16 1	16 3	17 52	15 32	2 53
F 11	14 21	17 21	4 45	7 33	1 37	19 37	0 18	16 28	0 54	10 22	0 44	7 31	1 31	16 2	0 38	1 14	0 56	18 45	0 21	16 1	16 4	17 54	15 32	2 53
S 12	14 1	19 12	4 2	7 20	1 55	19 22	0 20	16 40	0 55	10 16	0 44	7 28	1 31	16 1	0 38	1 13	0 56	18 46	0 21	16 0	16 5	17 55	15 33	2 53
S 13	13 41	19 49	3 3	7 12	2 12	19 7	0 23	16 52	0 56	10 11	0 44	7 25	1 31	15 59	0 38	1 13	0 56	18 46	0 22	16 0	16 6	17 56	15 33	2 53
M14	13 21	19 8	1 52	7 9	2 28	18 50	0 25	17 3	0 56	10 6	0 44	7 23	1 31	15 58	0 38	1 12	0 56	18 47	0 22	16 0	16 7	17 57	15 33	2 53
T 15	13 1	17 13	0 35	7 10	2 44	18 34	0 28	17 15	0 57	10 1	0 44	7 20	1 31	15 57	0 38	1 11	0 56	18 47	0 22	16 0	16 7	17 58	15 33	2 53
W16	12 41	14 15	0s43	7 16	2 58	18 16	0 30	17 27	0 58	9 56	0 44	7 17	1 31	15 56	0 38	1 10	0 56	18 47	0 22	16 0	16 8	17 59	15 34	2 53
T 17	12 20	10 32	1 57	7 26	3 10	17 58	0 32	17 38	0 59	9 51	0 44	7 15	1 31	15 55	0 38	1 10	0 56	18 48	0 22	16 0	16 9	18 1	15 34	2 53
F 18	11 59	6 20	3 3	7 40	3 20	17 40	0 35	17 50	0 59	9 45	0 45	7 12	1 31	15 54	0 38	1 9	0 56	18 48	0 22	16 0	16 10	18 2	15 34	2 53
S 19	11 38	1 56	3 57	7 58	3 28	17 21	0 37	18 1	1 0	9 40	0 45	7 9	1 31	15 53	0 38	1 8	0 56	18 48	0 22	16 1	16 11	18 3	15 35	2 53
S 20	11 17	2n25	4 38	8 19	3 33	17 2	0 39	18 12	1 0	9 35	0 45	7 7	1 31	15 52	0 38	1 7	0 56	18 49	0 22	16 2	16 12	18 4	15 35	2 52
M21	10 56	6 34	5 4	8 41	3 36	16 42	0 41	18 23	1 1	9 30	0 45	7 4	1 31	15 51	0 38	1 6	0 56	18 49	0 22	16 2	16 13	18 5	15 35	2 52
T 22	10 34	10 20	5 15	9 5	3 37	16 22	0 43	18 34	1 2	9 24	0 45	7 1	1 31	15 50	0 38	1 5	0 56	18 49	0 22	16 3	16 14	18 6	15 36	2 52
W23	10 12	13 38	5 12	9 30	3 35	16 1	0 46	18 44	1 2	9 19	0 45	6 59	1 31	15 49	0 38	1 5	0 56	18 50	0 22	16 3	16 15	18 7	15 36	2 52
T 24	9 50	16 19	4 56	9 54	3 30	15 40	0 48	18 55	1 3	9 14	0 45	6 56	1 31	15 48	0 38	1 4	0 56	18 50	0 22	16 3	16 16	18 9	15 37	2 52
F 25	9 28	18 18	4 27	10 19	3 24	15 18	0 50	19 6	1 3	9 9	0 45	6 53	1 31	15 47	0 38	1 3	0 56	18 50	0 22	16 3	16 17	18 10	15 37	2 52
S 26	9 6	19 30	3 47	10 42	3 17	14 56	0 52	19 16	1 4	9 3	0 45	6 50	1 31	15 46	0 38	1 2	0 56	18 51	0 22	16 3	16 18	18 11	15 37	2 52
S 27	8 44	19 50	2 57	11 3	3 8	14 33	0 54	19 26	1 5	8 58	0 45	6 48	1 31	15 45	0 38	1 1	0 56	18 51	0 22	16 2	16 19	18 12	15 38	2 52
M28	8 21	19 16	1 58	11 23	2 57	14 11	0 56	19 36	1 5	8 53	0 45	6 45	1 32	15 44	0 38	1 0	0 56	18 51	0 22	16 2	16 20	18 13	15 38	2 52
T 29	7s59	17n46	0s52	11s42	2n46	13s47	0s57	19n46	1n 6	8s47	0s45	6s42	1s32	15s43	0s38	1s 0	0s56	18n52	0n22	16n 1	16n20	18n14	15n39	2s52

Julian Day Number = 2879639.5, Delta T = 01h15m07s
Ecliptic obliquity = 23°17'09, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°09'16, Lahiri = 40°16'16

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ASTRODIENST EPHEMERIS for the year 3172
geocentric

MARCH 3172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 37 23	10♓27'55	18♌50	20°R59	26♒55	24♉52	9♓23	16♓37	18♒49	29♓42	6°R36	15°R43	14♌34	16♊29	23♉ 4	W 1
T 2	10 41 20	11°28'35	1♍45	20♒50	28°10	25°30	9°37	16°45	18°52	29°44	6♌35	15♌43	14°31	16°36	23° 6	T 2
F 3	10 45 16	12°29'14	14°59	20°D49	29°25	26° 8	9°52	16°52	18°55	29°47	6°34	15°40	14°28	16°43	23° 8	F 3
S 4	10 49 13	13°29'51	28°29	20°55	0♓40	26°46	10° 6	16°59	18°59	29°49	6°33	15°37	14°25	16°49	23° 9	S 4
S 5	10 53 9	14°30'27	12♎15	21° 7	1°55	27°25	10°21	17° 6	19° 2	29°51	6°32	15°32	14°22	16°56	23°11	S 5
M 6	10 57 6	15°31'02	26°12	21°26	3°10	28° 3	10°35	17°14	19° 5	29°53	6°31	15°28	14°19	17° 3	23°13	M 6
T 7	11 1 2	16°31'35	10♏17	21°51	4°25	28°41	10°49	17°21	19° 8	29°55	6°30	15°23	14°15	17° 9	23°15	T 7
W 8	11 4 59	17°32'08	24°27	22°20	5°40	29°19	11° 4	17°28	19°12	29°58	6°29	15°20	14°12	17°16	23°17	W 8
T 9	11 8 55	18°32'39	8♐38	22°55	6°55	29°58	11°18	17°35	19°15	29°59	6°28	15°18	14° 9	17°23	23°19	T 9
F 10	11 12 52	19°33'10	22°49	23°34	8°10	0♊36	11°32	17°43	19°18	0♈ 2	6°27	15°D18	14° 6	17°30	23°21	F 10
S 11	11 16 49	20°33'39	6♑56	24°17	9°25	1°14	11°47	17°50	19°21	0° 4	6°27	15°18	14° 3	17°36	23°23	S 11
S 12	11 20 45	21°34'07	20°59	25° 4	10°41	1°53	12° 1	17°57	19°24	0° 7	6°26	15°20	14° 0	17°43	23°25	S 12
M13	11 24 42	22°34'33	4♒57	25°55	11°56	2°31	12°15	18° 4	19°28	0° 9	6°25	15°21	13°56	17°50	23°27	M13
T 14	11 28 38	23°34'59	18°47	26°49	13°11	3° 9	12°29	18°12	19°31	0°11	6°24	15°R22	13°53	17°56	23°30	T 14
W15	11 32 35	24°35'23	2♓28	27°46	14°26	3°48	12°44	18°19	19°34	0°13	6°23	15°20	13°50	18° 3	23°32	W15
T 16	11 36 31	25°35'45	15°58	28°45	15°41	4°26	12°58	18°26	19°37	0°16	6°22	15°17	13°47	18°10	23°34	T 16
F 17	11 40 28	26°36'06	29°15	29°48	16°56	5° 4	13°12	18°33	19°40	0°18	6°22	15°12	13°44	18°16	23°37	F 17
S 18	11 44 24	27°36'25	12♈17	0♓52	18°11	5°43	13°26	18°40	19°43	0°20	6°21	15° 5	13°40	18°23	23°39	S 18
S 19	11 48 21	28°36'42	25° 4	1°59	19°26	6°21	13°41	18°48	19°46	0°23	6°20	14°56	13°37	18°30	23°42	S 19
M20	11 52 17	29°36'58	7♉35	3° 8	20°41	6°59	13°55	18°55	19°49	0°25	6°19	14°48	13°34	18°37	23°44	M20
T 21	11 56 14	0♈37'11	19°51	4°20	21°56	7°38	14° 9	19° 2	19°52	0°27	6°19	14°41	13°31	18°43	23°47	T 21
W22	12 0 11	1°37'23	1♊55	5°33	23°11	8°16	14°23	19° 9	19°54	0°29	6°18	14°35	13°28	18°50	23°49	W22
T 23	12 4 7	2°37'33	13°50	6°47	24°26	8°55	14°37	19°16	19°57	0°32	6°18	14°30	13°25	18°57	23°52	T 23
F 24	12 8 4	3°37'41	25°41	8° 4	25°41	9°33	14°51	19°23	20° 0	0°34	6°17	14°28	13°21	19° 3	23°55	F 24
S 25	12 12 0	4°37'47	7♋32	9°22	26°56	10°12	15° 5	19°30	20° 3	0°36	6°16	14°D28	13°18	19°10	23°57	S 25
S 26	12 15 57	5°37'51	19°29	10°42	28°10	10°50	15°19	19°37	20° 6	0°39	6°16	14°29	13°15	19°17	24° 0	S 26
M27	12 19 53	6°37'53	1♌36	12° 3	29°25	11°28	15°33	19°44	20° 8	0°41	6°15	14°30	13°12	19°23	24° 3	M27
T 28	12 23 50	7°37'52	13°59	13°26	0♈40	12° 7	15°47	19°52	20°11	0°43	6°15	14°R31	13° 9	19°30	24° 6	T 28
W29	12 27 46	8°37'50	26°42	14°50	1°55	12°45	16° 1	19°59	20°14	0°45	6°14	14°30	13° 6	19°37	24° 9	W29
T 30	12 31 43	9°37'45	9♍48	16°16	3°10	13°24	16°14	20° 5	20°16	0°48	6°14	14°27	13° 2	19°44	24°12	T 30
F 31	12 35 40	10♈37'39	23♍17	17♓43	4♈25	14♊ 2	16♓28	20♓12	20♒19	0♈50	6♌13	14♌22	12♌59	19♊50	24♉15	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s36	15n21	0n17	11s58	2n34	13s24	0s59	19n56	1n 6	8s42	0s45	6s39	1s32	15s42	0s38	0s59	0s56	18n52	0n23	16n 1	16n21	18n15	15n39	2s52
T 2	7 13	12 8	1 27	12 12	2 22	12 59	1 1	20 6	1 7	8 37	0 45	6 37	1 32	15 41	0 38	0 58	0 56	18 52	0 23	16 1	16 22	18 16	15 40	2 51
F 3	6 50	8 15	2 34	12 25	2 10	12 35	1 3	20 15	1 7	8 31	0 45	6 34	1 32	15 40	0 38	0 57	0 56	18 53	0 23	16 2	16 23	18 18	15 40	2 51
S 4	6 27	3 52	3 33	12 35	1 57	12 10	1 4	20 24	1 8	8 26	0 45	6 31	1 32	15 39	0 38	0 56	0 56	18 53	0 23	16 3	16 24	18 19	15 41	2 51
S 5	6 4	0s47	4 22	12 43	1 44	11 45	1 6	20 34	1 8	8 21	0 46	6 28	1 32	15 38	0 38	0 55	0 56	18 53	0 23	16 5	16 25	18 20	15 41	2 51
M 6	5 40	5 28	4 55	12 49	1 31	11 20	1 8	20 43	1 9	8 15	0 46	6 25	1 32	15 37	0 38	0 54	0 56	18 54	0 23	16 6	16 26	18 21	15 42	2 51
T 7	5 17	9 53	5 11	12 54	1 19	10 54	1 9	20 52	1 9	8 10	0 46	6 23	1 32	15 36	0 38	0 53	0 56	18 54	0 23	16 7	16 27	18 22	15 42	2 51
W 8	4 54	13 46	5 8	12 56	1 6	10 28	1 11	21 0	1 9	8 5	0 46	6 20	1 32	15 35	0 38	0 53	0 56	18 54	0 23	16 8	16 28	18 23	15 43	2 51
T 9	4 30	16 53	4 47	12 56	0 54	10 2	1 12	21 9	1 10	7 59	0 46	6 17	1 32	15 34	0 38	0 52	0 56	18 54	0 23	16 9	16 29	18 24	15 43	2 51
F 10	4 7	18 58	4 8	12 55	0 42	9 35	1 13	21 17	1 10	7 54	0 46	6 14	1 32	15 33	0 38	0 51	0 56	18 55	0 23	16 9	16 30	18 25	15 44	2 51
S 11	3 43	19 52	3 14	12 52	0 30	9 8	1 15	21 26	1 11	7 49	0 46	6 12	1 32	15 32	0 38	0 50	0 56	18 55	0 23	16 9	16 30	18 26	15 45	2 51
S 12	3 19	19 32	2 9	12 47	0 19	8 41	1 16	21 34	1 11	7 43	0 46	6 9	1 32	15 31	0 38	0 49	0 56	18 55	0 23	16 8	16 31	18 27	15 45	2 51
M13	2 56	18 0	0 56	12 41	0 8	8 14	1 17	21 42	1 11	7 38	0 46	6 6	1 32	15 30	0 38	0 48	0 56	18 55	0 23	16 8	16 32	18 28	15 46	2 51
T 14	2 32	15 24	0s19	12 33	0s 3	7 46	1 18	21 50	1 12	7 33	0 46	6 3	1 32	15 29	0 38	0 47	0 56	18 56	0 23	16 8	16 33	18 30	15 46	2 51
W15	2 8	11 57	1 32	12 23	0 13	7 19	1 19	21 57	1 12	7 27	0 46	6 1	1 32	15 28	0 38	0 46	0 56	18 56	0 23	16 8	16 34	18 31	15 47	2 50
T 16	1 44	7 56	2 38	12 12	0 23	6 51	1 20	22 5	1 12	7 22	0 46	5 58	1 32	15 27	0 38	0 45	0 56	18 56	0 23	16 9	16 35	18 32	15 48	2 50
F 17	1 21	3 36	3 35	11 59	0 33	6 22	1 21	22 12	1 13	7 17	0 46	5 55	1 32	15 26	0 38	0 45	0 56	18 57	0 23	16 11	16 36	18 33	15 48	2 50
S 18	0 57	0n50	4 20	11 45	0 42	5 54	1 22	22 19	1 13	7 11	0 47	5 52	1 33	15 25	0 38	0 44	0 56	18 57	0 24	16 13	16 37	18 34	15 49	2 50
S 19	0 33	5 8	4 50	11 29	0 51	5 26	1 23	22 26	1 13	7 6	0 47	5 50	1 33	15 24	0 38	0 43	0 56	18 57	0 24	16 15	16 38	18 35	15 50	2 50
M20	0 9	9 7	5 6	11 12	0 59	4 57	1 23	22 33	1 14	7 1	0 47	5 47	1 33	15 23	0 38	0 42	0 56	18 57	0 24	16 17	16 39	18 36	15 50	2 50
T 21	0n15	12 39	5 7	10 54	1 7	4 28	1 24	22 40	1 14	6 55	0 47	5 44	1 33	15 22	0 38	0 41	0 56	18 57	0 24	16 20	16 40	18 37	15 51	2 50
W22	0 38	15 36	4 54	10 35	1 15	3 59	1 25	22 46	1 14	6 50	0 47	5 42	1 33	15 22	0 38	0 40	0 56	18 58	0 24	16 21	16 40	18 38	15 52	2 50
T 23	1 2	17 52	4 29	10 14	1 22	3 30	1 25	22 52	1 15	6 45	0 47	5 39	1 33	15 21	0 39	0 39	0 56	18 58	0 24	16 23	16 41	18 39	15 52	2 50
F 24	1 26	19 21	3 52	9 52	1 29	3 1	1 26	22 59	1 15	6 39	0 47	5 36	1 33	15 20	0 39	0 38	0 56	18 58	0 24	16 23	16 42	18 40	15 53	2 50
S 25	1 50	19 59	3 6	9 29	1 35	2 32	1 26	23 5	1 15	6 34	0 47	5 33	1 33	15 19	0 39	0 37	0 56	18 58	0 24	16 23	16 43	18 41	15 54	2 50
S 26	2 13	19 44	2 11	9 4	1 41	2 3	1 26	23 10	1 15	6 29	0 47	5 31	1 33	15 18	0 39	0 36	0 56	18 58	0 24	16 23	16 44	18 42	15 54	2 50
M27	2 37	18 33	1 9	8 39	1 47	1 33	1 27	23 16	1 16	6 24	0 47	5 28	1 33	15 17	0 39	0 36	0 56	18 59	0 24	16 23	16 45	18 43	15 55	2 50
T 28	3 1	16 29	0 3	8 12	1 52	1 4	1 27	23 21	1 16	6 18	0 48	5 25	1 33	15 16	0 39	0 35	0 56	18 59	0 24	16 22	16 46	18 44	15 56	2 50
W29	3 24	13 33	1n 5	7 44	1 57	0 34	1 27	23 27	1 16	6 13	0 48	5 23	1 33	15 16	0 39	0 34	0 56	18 59	0 24	16 23	16 47	18 45	15 57	2 50
T 30	3 47	9 53	2 11	7 15	2 1	0 5	1 27	23 32	1 16	6 8	0 48	5 20	1 34	15 15	0 39	0 33	0 56	18 59	0 24	16 24	16 48	18 46	15 57	2 50
F 31	4n11	5n36	3n12	6s45	2s 5	0n25	1s27	23n36	1n17	6s 3	0s48	5s18	1s34	15s14	0s39	0s32	0s56	18n59	0n24	16n25	16n49	18n47	15n58	2s50

Julian Day Number = 2879668.5, Delta T = 01h15m07s
Ecliptic obliquity = 23°17'10, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°09'20, Lahiri = 40°16'20

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ASTRODIENST EPHEMERIS for the year 3172
geocentric

APRIL 3172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 39 36	11♈37'30	7♎10	19♓11	5♈40	14♊41	16♓42	20♓19	20♒21	0♈52	6°R13	14°R14	12♌56	19♊57	24♉17	S 1
S 2	12 43 33	12°37'20	21°22	20°41	6°54	15°19	16°56	20°26	20°24	0°54	6♌12	14♌ 5	12°53	20° 4	24°21	S 2
M 3	12 47 29	13°37'08	5♏49	22°12	8° 9	15°57	17° 9	20°33	20°26	0°57	6°12	13°55	12°50	20°10	24°24	M 3
T 4	12 51 26	14°36'54	20°23	23°44	9°24	16°36	17°23	20°40	20°29	0°59	6°12	13°46	12°46	20°17	24°27	T 4
W 5	12 55 22	15°36'38	4♐57	25°17	10°39	17°14	17°37	20°47	20°31	1° 1	6°11	13°39	12°43	20°24	24°30	W 5
T 6	12 59 19	16°36'21	19°26	26°52	11°54	17°53	17°50	20°54	20°33	1° 3	6°11	13°33	12°40	20°30	24°33	T 6
F 7	13 3 15	17°36'02	3♑45	28°28	13° 8	18°31	18° 4	21° 0	20°36	1° 6	6°11	13°30	12°37	20°37	24°36	F 7
S 8	13 7 12	18°35'42	17°52	0♈ 5	14°23	19° 9	18°17	21° 7	20°38	1° 8	6°10	13°D30	12°34	20°44	24°39	S 8
S 9	13 11 9	19°35'20	1♒45	1°44	15°38	19°48	18°30	21°14	20°40	1°10	6°10	13°30	12°31	20°50	24°43	S 9
M10	13 15 5	20°34'56	15°26	3°24	16°53	20°26	18°44	21°20	20°43	1°12	6°10	13°R30	12°27	20°57	24°46	M10
T 11	13 19 2	21°34'30	28°54	5° 5	18° 7	21° 5	18°57	21°27	20°45	1°14	6°10	13°29	12°24	21° 4	24°49	T 11
W12	13 22 58	22°34'03	12♓11	6°47	19°22	21°43	19°10	21°34	20°47	1°16	6° 9	13°26	12°21	21°11	24°53	W12
T 13	13 26 55	23°33'34	25°17	8°31	20°37	22°21	19°23	21°40	20°49	1°19	6° 9	13°20	12°18	21°17	24°56	T 13
F 14	13 30 51	24°33'03	8♈12	10°16	21°51	23° 0	19°36	21°47	20°51	1°21	6° 9	13°11	12°15	21°24	24°59	F 14
S 15	13 34 48	25°32'30	20°56	12° 2	23° 6	23°38	19°49	21°53	20°53	1°23	6° 9	12°59	12°11	21°31	25° 3	S 15
S 16	13 38 44	26°31'55	3♉28	13°50	24°21	24°16	20° 2	22° 0	20°55	1°25	6° 9	12°47	12° 8	21°37	25° 6	S 16
M17	13 42 41	27°31'19	15°49	15°39	25°35	24°55	20°15	22° 6	20°57	1°27	6° 9	12°33	12° 5	21°44	25°10	M17
T 18	13 46 37	28°30'40	27°59	17°29	26°50	25°33	20°28	22°12	20°59	1°29	6° 9	12°21	12° 2	21°51	25°13	T 18
W19	13 50 34	29°29'59	9♊59	19°21	28° 4	26°12	20°41	22°19	21° 0	1°31	6°D 9	12°10	11°59	21°57	25°17	W19
T 20	13 54 31	0♉29'16	21°52	21°14	29°19	26°50	20°54	22°25	21° 2	1°33	6° 9	12° 1	11°56	22° 4	25°20	T 20
F 21	13 58 27	1°28'31	3♋41	23° 9	0♉34	27°28	21° 6	22°31	21° 4	1°35	6° 9	11°56	11°52	22°11	25°24	F 21
S 22	14 2 24	2°27'43	15°31	25° 4	1°48	28° 7	21°19	22°37	21° 6	1°37	6° 9	11°53	11°49	22°17	25°27	S 22
S 23	14 6 20	3°26'54	27°25	27° 2	3° 3	28°45	21°31	22°43	21° 7	1°39	6° 9	11°52	11°46	22°24	25°31	S 23
M24	14 10 17	4°26'02	9♌30	29° 0	4°17	29°23	21°44	22°49	21° 9	1°41	6° 9	11°52	11°43	22°31	25°34	M24
T 25	14 14 13	5°25'08	21°51	1♉ 0	5°32	0♋ 2	21°56	22°55	21°10	1°43	6° 9	11°51	11°40	22°38	25°38	T 25
W26	14 18 10	6°24'11	4♍33	3° 1	6°46	0°40	22° 9	23° 1	21°12	1°45	6°10	11°50	11°37	22°44	25°42	W26
T 27	14 22 6	7°23'12	17°40	5° 3	8° 0	1°18	22°21	23° 7	21°13	1°47	6°10	11°46	11°33	22°51	25°45	T 27
F 28	14 26 3	8°22'12	1♎16	7° 7	9°15	1°57	22°33	23°13	21°15	1°49	6°10	11°40	11°30	22°58	25°49	F 28
S 29	14 30 0	9°21'08	15°19	9°11	10°29	2°35	22°45	23°19	21°16	1°51	6°10	11°31	11°27	23° 4	25°53	S 29
S 30	14 33 56	10♉20'03	29♎47	11♉16	11♉44	3♋13	22♓57	23♓24	21♒17	1♈53	6♌10	11♌20	11♌24	23♊11	25♉56	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n34	0n54	4n 3	6s14	2s 9	0n54	1s27	23n41	1n17	5s57	0s48	5s15	1s34	15s13	0s39	0s31	0s56	19n 0	0n24	16n27	16n49	18n48	15n59	2s50
S 2	4 57	3s56	4 41	5 41	2 12	1 24	1 27	23 46	1 17	5 52	0 48	5 12	1 34	15 13	0 39	0 30	0 56	19 0	0 24	16 30	16 50	18 49	16 0	2 50
M 3	5 20	8 38	5 1	5 8	2 14	1 53	1 27	23 50	1 17	5 47	0 48	5 10	1 34	15 12	0 39	0 29	0 56	19 0	0 24	16 33	16 51	18 50	16 0	2 50
T 4	5 43	12 52	5 2	4 34	2 17	2 23	1 26	23 54	1 17	5 42	0 48	5 7	1 34	15 11	0 39	0 29	0 56	19 0	0 24	16 35	16 52	18 51	16 1	2 50
W 5	6 6	16 20	4 44	3 59	2 19	2 52	1 26	23 58	1 18	5 37	0 48	5 5	1 34	15 10	0 39	0 28	0 56	19 0	0 24	16 37	16 53	18 52	16 2	2 49
T 6	6 29	18 46	4 7	3 23	2 20	3 21	1 26	24 2	1 18	5 32	0 49	5 2	1 34	15 10	0 39	0 27	0 56	19 0	0 25	16 39	16 54	18 53	16 3	2 49
F 7	6 52	19 59	3 15	2 46	2 21	3 51	1 25	24 5	1 18	5 26	0 49	4 59	1 34	15 9	0 39	0 26	0 56	19 0	0 25	16 40	16 55	18 54	16 3	2 49
S 8	7 15	19 55	2 12	2 8	2 21	4 20	1 25	24 9	1 18	5 21	0 49	4 57	1 35	15 8	0 39	0 25	0 57	19 0	0 25	16 40	16 56	18 55	16 4	2 49
S 9	7 37	18 38	1 2	1 29	2 21	4 49	1 24	24 12	1 18	5 16	0 49	4 54	1 35	15 8	0 39	0 24	0 57	19 1	0 25	16 40	16 57	18 56	16 5	2 49
M10	7 59	16 16	0s10	0 49	2 21	5 18	1 24	24 15	1 19	5 11	0 49	4 52	1 35	15 7	0 39	0 23	0 57	19 1	0 25	16 40	16 57	18 57	16 6	2 49
T 11	8 22	13 3	1 21	0 8	2 20	5 47	1 23	24 18	1 19	5 6	0 49	4 49	1 35	15 6	0 39	0 23	0 57	19 1	0 25	16 40	16 58	18 58	16 7	2 49
W12	8 44	9 12	2 26	0n33	2 19	6 16	1 22	24 20	1 19	5 1	0 49	4 47	1 35	15 6	0 39	0 22	0 57	19 1	0 25	16 41	16 59	18 59	16 7	2 49
T 13	9 5	4 58	3 22	1 15	2 17	6 44	1 21	24 23	1 19	4 56	0 50	4 45	1 35	15 5	0 39	0 21	0 57	19 1	0 25	16 43	17 0	19 0	16 8	2 49
F 14	9 27	0 34	4 7	1 58	2 15	7 13	1 21	24 25	1 19	4 51	0 50	4 42	1 35	15 4	0 39	0 20	0 57	19 1	0 25	16 45	17 1	19 1	16 9	2 49
S 15	9 49	3n48	4 39	2 42	2 12	7 41	1 20	24 27	1 19	4 46	0 50	4 40	1 35	15 4	0 39	0 19	0 57	19 1	0 25	16 48	17 2	19 2	16 10	2 49
S 16	10 10	7 56	4 57	3 27	2 9	8 9	1 19	24 29	1 19	4 41	0 50	4 37	1 36	15 3	0 39	0 18	0 57	19 1	0 25	16 52	17 3	19 3	16 11	2 49
M17	10 32	11 40	5 0	4 12	2 5	8 37	1 18	24 31	1 19	4 36	0 50	4 35	1 36	15 3	0 39	0 18	0 57	19 1	0 25	16 56	17 4	19 4	16 12	2 49
T 18	10 53	14 52	4 50	4 58	2 1	9 5	1 17	24 32	1 20	4 31	0 50	4 33	1 36	15 2	0 39	0 17	0 57	19 1	0 25	16 59	17 5	19 5	16 12	2 49
W19	11 14	17 24	4 27	5 44	1 56	9 33	1 15	24 33	1 20	4 27	0 50	4 30	1 36	15 2	0 39	0 16	0 57	19 1	0 25	17 2	17 5	19 6	16 13	2 49
T 20	11 34	19 11	3 52	6 31	1 51	10 0	1 14	24 35	1 20	4 22	0 51	4 28	1 36	15 1	0 39	0 15	0 57	19 1	0 25	17 5	17 6	19 7	16 14	2 49
F 21	11 55	20 7	3 7	7 19	1 45	10 27	1 13	24 36	1 20	4 17	0 51	4 26	1 36	15 0	0 39	0 14	0 57	19 1	0 25	17 6	17 7	19 8	16 15	2 49
S 22	12 15	20 10	2 15	8 7	1 39	10 54	1 12	24 36	1 20	4 12	0 51	4 23	1 36	15 0	0 39	0 14	0 57	19 2	0 25	17 7	17 8	19 9	16 16	2 49
S 23	12 35	19 18	1 16	8 55	1 32	11 21	1 10	24 37	1 20	4 7	0 51	4 21	1 37	15 0	0 40	0 13	0 57	19 2	0 25	17 7	17 9	19 10	16 16	2 49
M24	12 55	17 33	0 12	9 44	1 25	11 47	1 9	24 37	1 20	4 3	0 51	4 19	1 37	14 59	0 40	0 12	0 57	19 2	0 25	17 7	17 10	19 11	16 17	2 49
T 25	13 15	14 58	0n53	10 32	1 17	12 13	1 7	24 37	1 20	3 58	0 51	4 17	1 37	14 59	0 40	0 11	0 57	19 2	0 26	17 7	17 11	19 12	16 18	2 49
W26	13 34	11 36	1 57	11 21	1 9	12 39	1 6	24 37	1 20	3 53	0 51	4 14	1 37	14 58	0 40	0 11	0 57	19 2	0 26	17 8	17 12	19 13	16 19	2 49
T 27	13 53	7 34	2 57	12 10	1 1	13 4	1 4	24 37	1 20	3 49	0 52	4 12	1 37	14 58	0 40	0 10	0 57	19 2	0 26	17 9	17 12	19 14	16 20	2 49
F 28	14 12	3 1	3 50	12 59	0 52	13 30	1 3	24 37	1 20	3 44	0 52	4 10	1 37	14 57	0 40	0 9	0 57	19 2	0 26	17 11	17 13	19 15	16 21	2 49
S 29	14 31	1s50	4 30	13 48	0 42	13 54	1 1	24 36	1 20	3 39	0 52	4 8	1 37	14 57	0 40	0 8	0 57	19 2	0 26	17 13	17 14	19 16	16 21	2 49
S 30	14n50	6s44	4n54	14n36	0s33	14n19	0s59	24n35	1n20	3s35	0s52	4s 6	1s38	14s57	0s40	0s 8	0s57	19n 2	0n26	17n16	17n15	19n17	16n22	2s49

Julian Day Number = 2879699.5, Delta T = 01h15m08s
Ecliptic obliquity = 23°17'10, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°09'24, Lahiri = 40°16'25

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ASTRODIENST EPHEMERIS for the year 3172
geocentric

MAY 3172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 37 53	11♉18'56	14♏35	13♉22	12♉58	3♋51	23♓ 9	23♓30	21♒19	1♈55	6♌11	11°R 9	11♌21	23♊18	26♉ 0	M 1
T 2	14 41 49	12°17'47	29°33	15°28	14°12	4°30	23°21	23°36	21°20	1°57	6°11	10♌58	11°17	23°24	26° 4	T 2
W 3	14 45 46	13°16'36	14♐33	17°35	15°27	5° 8	23°32	23°41	21°21	1°59	6°11	10°48	11°14	23°31	26° 8	W 3
T 4	14 49 42	14°15'24	29°25	19°41	16°41	5°46	23°44	23°47	21°22	2° 0	6°12	10°42	11°11	23°38	26°11	T 4
F 5	14 53 39	15°14'09	14♑ 2	21°48	17°55	6°24	23°56	23°52	21°23	2° 2	6°12	10°37	11° 8	23°44	26°15	F 5
S 6	14 57 35	16°12'53	28°20	23°54	19° 9	7° 3	24° 7	23°57	21°24	2° 4	6°13	10°36	11° 5	23°51	26°19	S 6
S 7	15 1 32	17°11'36	12♒17	25°59	20°24	7°41	24°18	24° 3	21°25	2° 6	6°13	10°35	11° 2	23°58	26°23	S 7
M 8	15 5 29	18°10'17	25°54	28° 2	21°38	8°19	24°30	24° 8	21°26	2° 7	6°14	10°35	10°58	24° 4	26°26	M 8
T 9	15 9 25	19° 8'56	9♓13	0♊ 5	22°52	8°57	24°41	24°13	21°27	2° 9	6°14	10°34	10°55	24°11	26°30	T 9
W10	15 13 22	20° 7'33	22°16	2° 6	24° 6	9°35	24°52	24°18	21°28	2°11	6°14	10°31	10°52	24°18	26°34	W10
T 11	15 17 18	21° 6'09	5♈ 4	4° 4	25°21	10°13	25° 3	24°23	21°28	2°12	6°15	10°25	10°49	24°25	26°38	T 11
F 12	15 21 15	22° 4'44	17°41	6° 0	26°35	10°52	25°14	24°28	21°29	2°14	6°16	10°16	10°46	24°31	26°42	F 12
S 13	15 25 11	23° 3'16	0♉ 8	7°53	27°49	11°30	25°25	24°33	21°30	2°16	6°16	10° 4	10°43	24°38	26°45	S 13
S 14	15 29 8	24° 1'47	12°25	9°44	29° 3	12° 8	25°35	24°38	21°30	2°17	6°17	9°51	10°39	24°45	26°49	S 14
M15	15 33 4	25° 0'16	24°34	11°31	0♊17	12°46	25°46	24°43	21°31	2°19	6°17	9°38	10°36	24°51	26°53	M15
T 16	15 37 1	25°58'43	6♊35	13°15	1°31	13°24	25°57	24°48	21°32	2°20	6°18	9°25	10°33	24°58	26°57	T 16
W17	15 40 58	26°57'09	18°29	14°55	2°46	14° 2	26° 7	24°52	21°32	2°22	6°19	9°14	10°30	25° 5	27° 1	W17
T 18	15 44 54	27°55'33	0♋19	16°31	4° 0	14°41	26°17	24°57	21°32	2°23	6°19	9° 5	10°27	25°11	27° 5	T 18
F 19	15 48 51	28°53'54	12° 7	18° 4	5°14	15°19	26°27	25° 1	21°33	2°25	6°20	8°59	10°23	25°18	27° 8	F 19
S 20	15 52 47	29°52'14	23°56	19°32	6°28	15°57	26°37	25° 6	21°33	2°26	6°21	8°56	10°20	25°25	27°12	S 20
S 21	15 56 44	0♊50'32	5♌50	20°56	7°42	16°35	26°47	25°10	21°33	2°28	6°22	8°D55	10°17	25°31	27°16	S 21
M22	16 0 40	1°48'48	17°54	22°16	8°56	17°13	26°57	25°14	21°34	2°29	6°22	8°55	10°14	25°38	27°20	M22
T 23	16 4 37	2°47'02	0♍13	23°32	10°10	17°51	27° 7	25°18	21°34	2°30	6°23	8°R56	10°11	25°45	27°24	T 23
W24	16 8 33	3°45'14	12°51	24°43	11°24	18°29	27°16	25°22	21°34	2°32	6°24	8°55	10° 8	25°51	27°28	W24
T 25	16 12 30	4°43'24	25°55	25°50	12°38	19° 7	27°26	25°26	21°34	2°33	6°25	8°53	10° 4	25°58	27°31	T 25
F 26	16 16 27	5°41'32	9♎27	26°53	13°52	19°45	27°35	25°30	21°R34	2°34	6°26	8°49	10° 1	26° 5	27°35	F 26
S 27	16 20 23	6°39'38	23°28	27°50	15° 6	20°23	27°44	25°34	21°34	2°36	6°27	8°43	9°58	26°11	27°39	S 27
S 28	16 24 20	7°37'42	7♏58	28°43	16°19	21° 1	27°54	25°38	21°34	2°37	6°27	8°35	9°55	26°18	27°43	S 28
M29	16 28 16	8°35'45	22°52	29°32	17°33	21°39	28° 3	25°42	21°34	2°38	6°28	8°26	9°52	26°25	27°47	M29
T 30	16 32 13	9°33'46	8♐ 1	0♋15	18°47	22°17	28°11	25°45	21°33	2°39	6°29	8°17	9°49	26°31	27°50	T 30
W31	16 36 9	10♊31'46	23♐16	0♋54	20♊ 1	22♋55	28♓20	25♓49	21♒33	2♈40	6♌30	8♌ 9	9♌45	26♊38	27♉54	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n 8	11s20	5n 0	15n23	0s23	14n43	0s57	24n34	1n20	3s30	0s52	4s 4	1s38	14s56	0s40	0s 7	0s57	19n 2	0n26	17n19	17n16	19n17	16n23	2s49
T 2	15 26	15 17	4 45	16 10	0 12	15 7	0 56	24 33	1 20	3 26	0 52	4 2	1 38	14 56	0 40	0 6	0 57	19 2	0 26	17 22	17 17	19 18	16 24	2 49
W 3	15 43	18 15	4 10	16 56	0 2	15 30	0 54	24 32	1 20	3 21	0 53	4 0	1 38	14 55	0 40	0 6	0 57	19 1	0 26	17 25	17 18	19 19	16 25	2 50
T 4	16 1	19 58	3 19	17 41	0n 9	15 53	0 52	24 30	1 20	3 17	0 53	3 58	1 38	14 55	0 40	0 5	0 57	19 1	0 26	17 27	17 18	19 20	16 26	2 50
F 5	16 18	20 18	2 15	18 25	0 20	16 16	0 50	24 28	1 21	3 13	0 53	3 56	1 38	14 55	0 40	0 4	0 57	19 1	0 26	17 28	17 19	19 21	16 26	2 50
S 6	16 35	19 19	1 4	19 7	0 31	16 38	0 48	24 26	1 21	3 8	0 53	3 54	1 39	14 55	0 40	0 4	0 57	19 1	0 26	17 28	17 20	19 22	16 27	2 50
S 7	16 52	17 9	0s 9	19 48	0 41	17 0	0 46	24 24	1 21	3 4	0 53	3 52	1 39	14 54	0 40	0 3	0 57	19 1	0 26	17 28	17 21	19 23	16 28	2 50
M 8	17 8	14 4	1 20	20 27	0 52	17 21	0 44	24 22	1 21	3 0	0 54	3 50	1 39	14 54	0 40	0 2	0 57	19 1	0 26	17 28	17 22	19 24	16 29	2 50
T 9	17 24	10 18	2 25	21 3	1 3	17 42	0 42	24 20	1 21	2 55	0 54	3 48	1 39	14 54	0 40	0 2	0 57	19 1	0 26	17 29	17 23	19 25	16 30	2 50
W10	17 40	6 8	3 21	21 38	1 13	18 2	0 40	24 17	1 21	2 51	0 54	3 46	1 39	14 54	0 40	0 1	0 57	19 1	0 26	17 29	17 24	19 26	16 30	2 50
T 11	17 55	1 46	4 6	22 11	1 23	18 22	0 38	24 14	1 21	2 47	0 54	3 44	1 40	14 53	0 40	0 0	0 57	19 1	0 26	17 31	17 25	19 26	16 31	2 50
F 12	18 10	2n37	4 38	22 41	1 32	18 41	0 36	24 11	1 21	2 43	0 54	3 43	1 40	14 53	0 40	0n 0	0 57	19 1	0 26	17 33	17 25	19 27	16 32	2 50
S 13	18 25	6 49	4 56	23 9	1 41	19 0	0 33	24 8	1 20	2 39	0 54	3 41	1 40	14 53	0 40	0 1	0 57	19 1	0 26	17 36	17 26	19 28	16 33	2 50
S 14	18 40	10 41	5 0	23 34	1 49	19 19	0 31	24 4	1 20	2 35	0 55	3 39	1 40	14 53	0 40	0 2	0 57	19 1	0 27	17 40	17 27	19 29	16 34	2 50
M15	18 54	14 5	4 51	23 57	1 57	19 37	0 29	24 1	1 20	2 31	0 55	3 37	1 40	14 53	0 40	0 2	0 57	19 1	0 27	17 44	17 28	19 30	16 35	2 50
T 16	19 8	16 52	4 28	24 17	2 4	19 54	0 27	23 57	1 20	2 27	0 55	3 36	1 41	14 53	0 40	0 3	0 57	19 0	0 27	17 47	17 29	19 31	16 35	2 50
W17	19 21	18 54	3 54	24 36	2 10	20 11	0 24	23 53	1 20	2 23	0 55	3 34	1 41	14 52	0 40	0 3	0 58	19 0	0 27	17 50	17 30	19 32	16 36	2 50
T 18	19 34	20 7	3 10	24 51	2 15	20 27	0 22	23 49	1 20	2 19	0 55	3 33	1 41	14 52	0 40	0 4	0 58	19 0	0 27	17 52	17 31	19 33	16 37	2 50
F 19	19 47	20 27	2 17	25 5	2 20	20 43	0 20	23 45	1 20	2 15	0 56	3 31	1 41	14 52	0 41	0 4	0 58	19 0	0 27	17 54	17 31	19 33	16 38	2 50
S 20	20 0	19 53	1 19	25 16	2 24	20 58	0 17	23 40	1 20	2 11	0 56	3 29	1 41	14 52	0 41	0 5	0 58	19 0	0 27	17 54	17 32	19 34	16 38	2 50
S 21	20 12	18 26	0 16	25 25	2 27	21 12	0 15	23 35	1 20	2 8	0 56	3 28	1 42	14 52	0 41	0 5	0 58	19 0	0 27	17 55	17 33	19 35	16 39	2 51
M22	20 24	16 8	0n48	25 32	2 28	21 26	0 13	23 31	1 20	2 4	0 56	3 26	1 42	14 52	0 41	0 6	0 58	19 0	0 27	17 55	17 34	19 36	16 40	2 51
T 23	20 35	13 4	1 51	25 37	2 29	21 40	0 10	23 26	1 20	2 0	0 56	3 25	1 42	14 52	0 41	0 6	0 58	19 0	0 27	17 55	17 35	19 37	16 41	2 51
W24	20 46	9 19	2 51	25 40	2 29	21 52	0 8	23 20	1 20	1 57	0 57	3 24	1 42	14 52	0 41	0 7	0 58	18 59	0 27	17 55	17 36	19 38	16 42	2 51
T 25	20 57	5 2	3 43	25 41	2 28	22 5	0 5	23 15	1 20	1 53	0 57	3 22	1 42	14 52	0 41	0 7	0 58	18 59	0 27	17 55	17 36	19 38	16 42	2 51
F 26	21 7	0 22	4 26	25 41	2 26	22 16	0 3	23 10	1 20	1 50	0 57	3 21	1 43	14 52	0 41	0 8	0 58	18 59	0 27	17 56	17 37	19 39	16 43	2 51
S 27	21 17	4s30	4 54	25 39	2 23	22 27	0 1	23 4	1 20	1 46	0 57	3 19	1 43	14 52	0 41	0 8	0 58	18 59	0 27	17 58	17 38	19 40	16 44	2 51
S 28	21 27	9 16	5 4	25 36	2 19	22 37	0n 2	22 58	1 20	1 43	0 58	3 18	1 43	14 52	0 41	0 9	0 58	18 59	0 27	18 0	17 39	19 41	16 45	2 51
M29	21 36	13 37	4 55	25 31	2 14	22 47	0 4	22 52	1 20	1 39	0 58	3 17	1 43	14 52	0 41	0 9	0 58	18 59	0 27	18 2	17 40	19 42	16 45	2 51
T 30	21 45	17 9	4 25	25 25	2 8	22 56	0 7	22 46	1 20	1 36	0 58	3 16	1 43	14 52	0 41	0 10	0 58	18 58	0 27	18 5	17 41	19 43	16 46	2 51
W31	21n53	19s31	3n36	25n17	2n 0	23n 4	0n 9	22n40	1n20	1s33	0s58	3s14	1s44	14s53	0s41	0n10	0s58	18n58	0n27	18n 7	17n42	19n43	16n47	2s51

Julian Day Number = 2879729.5, Delta T = 01h15m08s
Ecliptic obliquity = 23°17'10, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°09'28, Lahiri = 40°16'29

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ASTRODIENST EPHEMERIS for the year 3172
geocentric

JUNE 3172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 40 6	11♊29'44	8♉25	1♋28	21♊15	23♋33	28♓29	25♓52	21°R33	2♈41	6♌31	8°R 4	9♌42	26♊45	27♉58	T 1
F 2	16 44 2	12°27'40	23°20	1°57	22°29	24°11	28°37	25°55	21♒33	2°42	6°32	8♌ 1	9°39	26°52	28° 2	F 2
S 3	16 47 59	13°25'36	7♒54	2°21	23°43	24°49	28°46	25°59	21°32	2°44	6°33	8°D 0	9°36	26°58	28° 5	S 3
S 4	16 51 56	14°23'30	22° 3	2°40	24°56	25°27	28°54	26° 2	21°32	2°45	6°34	8° 1	9°33	27° 5	28° 9	S 4
M 5	16 55 52	15°21'23	5♓47	2°54	26°10	26° 5	29° 2	26° 5	21°31	2°46	6°35	8° 2	9°29	27°12	28°13	M 5
T 6	16 59 49	16°19'15	19° 8	3° 3	27°24	26°43	29°10	26° 8	21°31	2°46	6°36	8°R 2	9°26	27°18	28°16	T 6
W 7	17 3 45	17°17'06	2♈ 7	3°R 7	28°38	27°21	29°17	26°11	21°30	2°47	6°38	8° 1	9°23	27°25	28°20	W 7
T 8	17 7 42	18°14'55	14°48	3° 7	29°51	27°59	29°25	26°14	21°30	2°48	6°39	7°58	9°20	27°32	28°24	T 8
F 9	17 11 38	19°12'44	27°15	3° 2	1♋ 5	28°37	29°33	26°16	21°29	2°49	6°40	7°53	9°17	27°38	28°27	F 9
S 10	17 15 35	20°10'31	9♉29	2°52	2°19	29°15	29°40	26°19	21°28	2°50	6°41	7°46	9°14	27°45	28°31	S 10
S 11	17 19 31	21° 8'17	21°35	2°39	3°32	29°53	29°47	26°22	21°27	2°51	6°42	7°37	9°10	27°52	28°35	S 11
M12	17 23 28	22° 6'02	3♊34	2°21	4°46	0♌31	29°54	26°24	21°27	2°52	6°43	7°29	9° 7	27°58	28°38	M12
T 13	17 27 25	23° 3'47	15°28	2° 0	6° 0	1° 9	0♈ 1	26°26	21°26	2°52	6°44	7°20	9° 4	28° 5	28°42	T 13
W14	17 31 21	24° 1'29	27°18	1°35	7°13	1°47	0° 8	26°29	21°25	2°53	6°46	7°13	9° 1	28°12	28°45	W14
T 15	17 35 18	24°59'11	9♋ 6	1° 8	8°27	2°24	0°14	26°31	21°24	2°54	6°47	7° 8	8°58	28°18	28°49	T 15
F 16	17 39 14	25°56'51	20°55	0°38	9°41	3° 2	0°21	26°33	21°23	2°54	6°48	7° 5	8°55	28°25	28°53	F 16
S 17	17 43 11	26°54'31	2♌47	0° 7	10°54	3°40	0°27	26°35	21°22	2°55	6°49	7°D 3	8°51	28°32	28°56	S 17
S 18	17 47 7	27°52'08	14°45	29♊34	12° 8	4°18	0°33	26°37	21°21	2°56	6°51	7° 3	8°48	28°38	28°59	S 18
M19	17 51 4	28°49'45	26°53	29° 0	13°21	4°56	0°39	26°39	21°20	2°56	6°52	7° 5	8°45	28°45	29° 3	M19
T 20	17 55 1	29°47'20	9♍13	28°27	14°35	5°34	0°45	26°40	21°19	2°57	6°53	7° 6	8°42	28°52	29° 6	T 20
W21	17 58 57	0♋44'54	21°52	27°53	15°48	6°12	0°51	26°42	21°17	2°57	6°55	7° 7	8°39	28°58	29°10	W21
T 22	18 2 54	1°42'26	4♎53	27°21	17° 2	6°50	0°56	26°43	21°16	2°57	6°56	7°R 8	8°35	29° 5	29°13	T 22
F 23	18 6 50	2°39'58	18°19	26°51	18°15	7°27	1° 1	26°45	21°15	2°58	6°57	7° 7	8°32	29°12	29°17	F 23
S 24	18 10 47	3°37'28	2♏12	26°22	19°29	8° 5	1° 6	26°46	21°13	2°58	6°59	7° 4	8°29	29°18	29°20	S 24
S 25	18 14 43	4°34'57	16°33	25°56	20°42	8°43	1°11	26°47	21°12	2°59	7° 0	7° 0	8°26	29°25	29°23	S 25
M26	18 18 40	5°32'24	1♐18	25°33	21°56	9°21	1°16	26°48	21°11	2°59	7° 1	6°56	8°23	29°32	29°26	M26
T 27	18 22 36	6°29'51	16°22	25°14	23° 9	9°59	1°21	26°50	21° 9	2°59	7° 3	6°52	8°20	29°39	29°30	T 27
W28	18 26 33	7°27'17	1♑35	24°58	24°23	10°37	1°25	26°50	21° 8	2°59	7° 4	6°48	8°16	29°45	29°33	W28
T 29	18 30 30	8°24'42	16°48	24°46	25°36	11°14	1°29	26°51	21° 6	3° 0	7° 6	6°46	8°13	29°52	29°36	T 29
F 30	18 34 26	9♋22'06	1♒51	24♊38	26♋49	11♌52	1♈34	26♓52	21♒ 5	3♈ 0	7♌ 7	6°D45	8♌10	29♊59	29♉39	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 1	20s30	2n32	25n 9	1n52	23n12	0n12	22n33	1n19	1s30	0s58	3s13	1s44	14s53	0s41	0n10	0s58	18n58	0n27	18n 8	17n42	19n44	16n47	2s52
F 2	22 9	20 0	1 18	24 59	1 43	23 18	0 14	22 26	1 19	1 27	0 59	3 12	1 44	14 53	0 41	0 11	0 58	18 58	0 28	18 9	17 43	19 45	16 48	2 52
S 3	22 16	18 10	0 1	24 49	1 33	23 25	0 17	22 20	1 19	1 24	0 59	3 11	1 44	14 53	0 41	0 11	0 58	18 58	0 28	18 9	17 44	19 46	16 49	2 52
S 4	22 23	15 15	1s15	24 37	1 21	23 30	0 19	22 13	1 19	1 21	0 59	3 10	1 45	14 53	0 41	0 12	0 58	18 57	0 28	18 9	17 45	19 47	16 50	2 52
M 5	22 29	11 33	2 24	24 24	1 9	23 35	0 21	22 5	1 19	1 18	0 59	3 9	1 45	14 53	0 41	0 12	0 58	18 57	0 28	18 9	17 46	19 47	16 50	2 52
T 6	22 35	7 23	3 23	24 11	0 56	23 39	0 24	21 58	1 19	1 15	1 0	3 8	1 45	14 54	0 41	0 12	0 58	18 57	0 28	18 8	17 47	19 48	16 51	2 52
W 7	22 41	2 59	4 10	23 57	0 42	23 43	0 26	21 51	1 19	1 12	1 0	3 7	1 45	14 54	0 41	0 13	0 58	18 57	0 28	18 9	17 47	19 49	16 52	2 52
T 8	22 46	1n26	4 43	23 42	0 27	23 46	0 28	21 43	1 19	1 9	1 0	3 6	1 45	14 54	0 41	0 13	0 58	18 57	0 28	18 10	17 48	19 50	16 52	2 52
F 9	22 51	5 43	5 2	23 26	0 11	23 48	0 31	21 35	1 19	1 6	1 0	3 5	1 46	14 54	0 41	0 13	0 58	18 56	0 28	18 11	17 49	19 50	16 53	2 53
S 10	22 55	9 42	5 7	23 10	0s 5	23 49	0 33	21 27	1 19	1 4	1 1	3 5	1 46	14 55	0 41	0 14	0 58	18 56	0 28	18 13	17 50	19 51	16 54	2 53
S 11	23 0	13 14	4 58	22 54	0 22	23 50	0 36	21 19	1 18	1 1	1 1	3 4	1 46	14 55	0 41	0 14	0 58	18 56	0 28	18 15	17 51	19 52	16 54	2 53
M12	23 3	16 12	4 37	22 37	0 39	23 50	0 38	21 11	1 18	0 58	1 1	3 3	1 46	14 55	0 41	0 14	0 59	18 56	0 28	18 17	17 52	19 53	16 55	2 53
T 13	23 6	18 29	4 3	22 20	0 57	23 49	0 40	21 3	1 18	0 56	1 1	3 2	1 47	14 55	0 41	0 14	0 59	18 55	0 28	18 19	17 52	19 54	16 56	2 53
W14	23 9	19 57	3 19	22 2	1 14	23 48	0 42	20 54	1 18	0 53	1 2	3 2	1 47	14 56	0 42	0 15	0 59	18 55	0 28	18 21	17 53	19 54	16 56	2 53
T 15	23 11	20 33	2 26	21 45	1 32	23 46	0 45	20 46	1 18	0 51	1 2	3 1	1 47	14 56	0 42	0 15	0 59	18 55	0 28	18 22	17 54	19 55	16 57	2 53
F 16	23 13	20 15	1 27	21 28	1 49	23 43	0 47	20 37	1 18	0 49	1 2	3 0	1 47	14 56	0 42	0 15	0 59	18 55	0 28	18 23	17 55	19 56	16 57	2 53
S 17	23 15	19 2	0 23	21 11	2 7	23 39	0 49	20 28	1 18	0 47	1 2	3 0	1 47	14 57	0 42	0 15	0 59	18 54	0 28	18 23	17 56	19 57	16 58	2 54
S 18	23 16	16 58	0n42	20 54	2 23	23 35	0 51	20 19	1 17	0 44	1 3	2 59	1 48	14 57	0 42	0 15	0 59	18 54	0 28	18 23	17 57	19 57	16 59	2 54
M19	23 17	14 8	1 46	20 37	2 40	23 30	0 53	20 10	1 17	0 42	1 3	2 59	1 48	14 58	0 42	0 16	0 59	18 54	0 28	18 23	17 57	19 58	16 59	2 54
T 20	23 17	10 38	2 46	20 22	2 55	23 25	0 55	20 0	1 17	0 40	1 3	2 58	1 48	14 58	0 42	0 16	0 59	18 54	0 28	18 23	17 58	19 59	17 0	2 54
W21	23 17	6 35	3 40	20 7	3 9	23 18	0 57	19 51	1 17	0 38	1 3	2 58	1 48	14 58	0 42	0 16	0 59	18 53	0 29	18 22	17 59	20 0	17 0	2 54
T 22	23 17	2 8	4 25	19 53	3 23	23 11	0 59	19 41	1 17	0 36	1 4	2 58	1 49	14 59	0 42	0 16	0 59	18 53	0 29	18 22	18 0	20 0	17 1	2 54
F 23	23 16	2s34	4 56	19 40	3 35	23 4	1 1	19 32	1 17	0 34	1 4	2 57	1 49	14 59	0 42	0 16	0 59	18 53	0 29	18 23	18 1	20 1	17 1	2 55
S 24	23 14	7 17	5 11	19 28	3 46	22 56	1 3	19 22	1 17	0 33	1 4	2 57	1 49	15 0	0 42	0 16	0 59	18 52	0 29	18 23	18 2	20 2	17 2	2 55
S 25	23 12	11 45	5 8	19 17	3 56	22 47	1 5	19 12	1 16	0 31	1 4	2 57	1 49	15 0	0 42	0 16	0 59	18 52	0 29	18 24	18 2	20 2	17 3	2 55
M26	23 10	15 38	4 45	19 8	4 5	22 37	1 7	19 2	1 16	0 29	1 5	2 56	1 50	15 1	0 42	0 16	0 59	18 52	0 29	18 25	18 3	20 3	17 3	2 55
T 27	23 8	18 35	4 2	19 0	4 12	22 27	1 9	18 51	1 16	0 28	1 5	2 56	1 50	15 1	0 42	0 17	0 59	18 52	0 29	18 26	18 4	20 4	17 4	2 55
W28	23 5	20 16	3 1	18 54	4 18	22 16	1 11	18 41	1 16	0 26	1 5	2 56	1 50	15 2	0 42	0 17	0 59	18 51	0 29	18 27	18 5	20 5	17 4	2 55
T 29	23 1	20 28	1 47	18 49	4 22	22 4	1 12	18 30	1 16	0 25	1 6	2 56	1 50	15 2	0 42	0 17	0 59	18 51	0 29	18 28	18 6	20 5	17 5	2 56
F 30	22n57	19s11	0n27	18n46	4s25	21n52	1n14	18n20	1n16	0s23	1s 6	2s56	1s51	15s 3	0s42	0n17	0s59	18n51	0n29	18n28	18n 6	20n 6	17n 5	2s56

Julian Day Number = 2879760.5, Delta T = 01h15m09s
Ecliptic obliquity = 23°17'09, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°09'33, Lahiri = 40°16'33

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ASTRODIENST EPHEMERIS for the year 3172
geocentric

JULY 3172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 38 23	10♋19'30	16♒36	24°D35	28♋ 3	12♌30	1♈38	26♓53	21°R 3	3♈ 0	7♌ 8	6♌45	8♌ 7	0♋ 5	29♉42	S 1
S 2	18 42 19	11°16'53	0♓57	24♊36	29°16	13° 8	1°41	26°53	21♒ 1	3° 0	7°10	6°46	8° 4	0°12	29°45	S 2
M 3	18 46 16	12°14'15	14°51	24°41	0♌29	13°46	1°45	26°54	21° 0	3° 0	7°11	6°48	8° 1	0°19	29°49	M 3
T 4	18 50 12	13°11'37	28°19	24°51	1°43	14°23	1°48	26°54	20°58	3° 0	7°13	6°49	7°57	0°25	29°52	T 4
W 5	18 54 9	14° 8'59	11♈22	25° 6	2°56	15° 1	1°51	26°54	20°56	3°R 0	7°14	6°R49	7°54	0°32	29°55	W 5
T 6	18 58 5	15° 6'20	24° 4	25°25	4° 9	15°39	1°54	26°54	20°54	3° 0	7°16	6°49	7°51	0°39	29°58	T 6
F 7	19 2 2	16° 3'41	6♉28	25°49	5°22	16°17	1°57	26°R54	20°53	3° 0	7°17	6°48	7°48	0°45	0♊ 0	F 7
S 8	19 5 59	17° 1'02	18°38	26°17	6°36	16°54	2° 0	26°54	20°51	3° 0	7°19	6°46	7°45	0°52	0° 3	S 8
S 9	19 9 55	17°58'22	0♊37	26°50	7°49	17°32	2° 2	26°54	20°49	3° 0	7°20	6°43	7°41	0°59	0° 6	S 9
M10	19 13 52	18°55'42	12°30	27°27	9° 2	18°10	2° 5	26°54	20°47	3° 0	7°22	6°40	7°38	1° 5	0° 9	M10
T 11	19 17 48	19°53'02	24°20	28° 9	10°15	18°48	2° 7	26°53	20°45	3° 0	7°23	6°38	7°35	1°12	0°12	T 11
W12	19 21 45	20°50'22	6♋ 9	28°55	11°28	19°26	2° 9	26°53	20°43	3° 0	7°25	6°36	7°32	1°19	0°15	W12
T 13	19 25 41	21°47'41	17°59	29°45	12°42	20° 3	2°10	26°52	20°41	2°59	7°26	6°34	7°29	1°25	0°17	T 13
F 14	19 29 38	22°45'00	29°52	0♋39	13°55	20°41	2°12	26°52	20°39	2°59	7°28	6°33	7°26	1°32	0°20	F 14
S 15	19 33 34	23°42'18	11♌52	1°37	15° 8	21°19	2°13	26°51	20°37	2°59	7°29	6°D33	7°22	1°39	0°23	S 15
S 16	19 37 31	24°39'36	23°59	2°40	16°21	21°57	2°14	26°50	20°35	2°58	7°31	6°34	7°19	1°45	0°25	S 16
M17	19 41 28	25°36'54	6♍17	3°46	17°34	22°34	2°15	26°49	20°33	2°58	7°32	6°35	7°16	1°52	0°28	M17
T 18	19 45 24	26°34'11	18°47	4°56	18°47	23°12	2°16	26°48	20°31	2°58	7°34	6°36	7°13	1°59	0°30	T 18
W19	19 49 21	27°31'28	1♎33	6°10	20° 0	23°50	2°16	26°47	20°29	2°57	7°36	6°37	7°10	2° 5	0°33	W19
T 20	19 53 17	28°28'44	14°36	7°28	21°13	24°28	2°17	26°46	20°27	2°57	7°37	6°37	7° 6	2°12	0°35	T 20
F 21	19 57 14	29°26'00	28° 1	8°50	22°26	25° 6	2°R17	26°44	20°24	2°56	7°39	6°R37	7° 3	2°19	0°38	F 21
S 22	20 1 10	0♌23'16	11♏47	10°15	23°39	25°43	2°17	26°43	20°22	2°56	7°40	6°37	7° 0	2°25	0°40	S 22
S 23	20 5 7	1°20'31	25°55	11°45	24°52	26°21	2°16	26°42	20°20	2°55	7°42	6°37	6°57	2°32	0°42	S 23
M24	20 9 3	2°17'46	10♐25	13°17	26° 5	26°59	2°16	26°40	20°18	2°55	7°43	6°36	6°54	2°39	0°44	M24
T 25	20 13 0	3°15'00	25°11	14°54	27°18	27°37	2°15	26°38	20°15	2°54	7°45	6°36	6°51	2°45	0°47	T 25
W26	20 16 57	4°12'15	10♑ 9	16°33	28°31	28°14	2°15	26°36	20°13	2°53	7°47	6°36	6°47	2°52	0°49	W26
T 27	20 20 53	5° 9'29	25°10	18°16	29°43	28°52	2°14	26°35	20°11	2°53	7°48	6°36	6°44	2°59	0°51	T 27
F 28	20 24 50	6° 6'43	10♒ 6	20° 3	0♍56	29°30	2°12	26°33	20° 9	2°52	7°50	6°36	6°41	3° 5	0°53	F 28
S 29	20 28 46	7° 3'58	24°50	21°52	2° 9	0♍ 8	2°11	26°31	20° 6	2°51	7°51	6°36	6°38	3°12	0°55	S 29
S 30	20 32 43	8° 1'12	9♓14	23°45	3°22	0°45	2° 9	26°28	20° 4	2°51	7°53	6°36	6°35	3°19	0°57	S 30
M31	20 36 39	8♌58'27	23♓14	25♋40	4♍35	1♍23	2♈ 7	26♓26	20♒ 2	2♈50	7♌54	6♌35	6♌32	3♋25	0♊59	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22n53	16s37	0s54	18n44	4s27	21n39	1n16	18n 9	1n15	0s22	1s 6	2s56	1s51	15s 3	0s42	0n17	0s59	18n50	0n29	18n28	18n 7	20n 7	17n 6	2s56	S 1
S 2	22 49	13 5	2 9	18 43	4 28	21 26	1 17	17 58	1 15	0 21	1 6	2 56	1 51	15 4	0 42	0 17	0 59	18 50	0 29	18 28	18 8	20 7	17 6	2 56	S 2
M 3	22 44	8 55	3 15	18 44	4 27	21 12	1 19	17 47	1 15	0 20	1 7	2 56	1 51	15 4	0 42	0 17	0 59	18 50	0 29	18 27	18 9	20 8	17 7	2 56	M 3
T 4	22 38	4 27	4 7	18 46	4 25	20 57	1 20	17 36	1 15	0 19	1 7	2 56	1 52	15 5	0 42	0 17	0 59	18 49	0 29	18 27	18 10	20 9	17 7	2 56	T 4
W 5	22 32	0n 6	4 45	18 50	4 22	20 42	1 22	17 25	1 15	0 18	1 7	2 56	1 52	15 6	0 42	0 17	0 59	18 49	0 29	18 27	18 11	20 9	17 7	2 57	W 5
T 6	22 26	4 30	5 7	18 54	4 18	20 26	1 23	17 14	1 15	0 17	1 7	2 56	1 52	15 6	0 42	0 17	1 0	18 49	0 29	18 27	18 11	20 10	17 8	2 57	T 6
F 7	22 20	8 37	5 15	19 0	4 14	20 10	1 24	17 2	1 14	0 16	1 8	2 57	1 52	15 7	0 42	0 17	1 0	18 48	0 29	18 27	18 12	20 11	17 8	2 57	F 7
S 8	22 13	12 18	5 8	19 6	4 8	19 53	1 25	16 51	1 14	0 15	1 8	2 57	1 53	15 7	0 42	0 16	1 0	18 48	0 29	18 28	18 13	20 11	17 9	2 57	S 8
S 9	22 5	15 27	4 48	19 14	4 1	19 36	1 27	16 39	1 14	0 14	1 8	2 57	1 53	15 8	0 42	0 16	1 0	18 48	0 30	18 28	18 14	20 12	17 9	2 57	S 9
M10	21 58	17 55	4 16	19 22	3 54	19 18	1 28	16 27	1 14	0 14	1 9	2 57	1 53	15 9	0 42	0 16	1 0	18 47	0 30	18 29	18 15	20 13	17 9	2 58	M10
T 11	21 49	19 37	3 33	19 31	3 46	18 59	1 29	16 16	1 14	0 13	1 9	2 58	1 53	15 9	0 42	0 16	1 0	18 47	0 30	18 30	18 15	20 13	17 10	2 58	T 11
W12	21 41	20 28	2 40	19 40	3 37	18 40	1 30	16 4	1 13	0 13	1 9	2 58	1 54	15 10	0 42	0 16	1 0	18 47	0 30	18 30	18 16	20 14	17 10	2 58	W12
T 13	21 32	20 25	1 41	19 50	3 27	18 21	1 31	15 52	1 13	0 12	1 9	2 59	1 54	15 10	0 42	0 16	1 0	18 46	0 30	18 31	18 17	20 15	17 11	2 58	T 13
F 14	21 23	19 27	0 37	20 0	3 17	18 0	1 32	15 39	1 13	0 12	1 10	2 59	1 54	15 11	0 42	0 16	1 0	18 46	0 30	18 31	18 18	20 15	17 11	2 58	F 14
S 15	21 13	17 36	0n29	20 10	3 7	17 40	1 32	15 27	1 13	0 12	1 10	3 0	1 54	15 12	0 42	0 16	1 0	18 46	0 30	18 31	18 19	20 16	17 11	2 59	S 15
S 16	21 3	14 56	1 35	20 20	2 56	17 19	1 33	15 15	1 13	0 12	1 10	3 0	1 54	15 12	0 42	0 15	1 0	18 45	0 30	18 31	18 19	20 17	17 12	2 59	S 16
M17	20 53	11 35	2 38	20 30	2 44	16 58	1 34	15 2	1 12	0 12	1 11	3 1	1 55	15 13	0 42	0 15	1 0	18 45	0 30	18 31	18 20	20 17	17 12	2 59	M17
T 18	20 42	7 41	3 33	20 39	2 33	16 36	1 34	14 50	1 12	0 12	1 11	3 1	1 55	15 14	0 43	0 15	1 0	18 45	0 30	18 30	18 21	20 18	17 12	2 59	T 18
W19	20 31	3 22	4 20	20 48	2 21	16 13	1 35	14 37	1 12	0 12	1 11	3 2	1 55	15 15	0 43	0 15	1 0	18 44	0 30	18 30	18 22	20 18	17 12	2 59	W19
T 20	20 20	1s11	4 54	20 57	2 8	15 51	1 35	14 25	1 12	0 12	1 12	3 3	1 55	15 15	0 43	0 15	1 0	18 44	0 30	18 30	18 23	20 19	17 13	3 0	T 20
F 21	20 8	5 48	5 14	21 4	1 56	15 27	1 36	14 12	1 11	0 12	1 12	3 3	1 56	15 16	0 43	0 14	1 0	18 44	0 30	18 30	18 23	20 20	17 13	3 0	F 21
S 22	19 56	10 15	5 16	21 11	1 43	15 4	1 36	13 59	1 11	0 12	1 12	3 4	1 56	15 17	0 43	0 14	1 0	18 43	0 30	18 30	18 24	20 20	17 13	3 0	S 22
S 23	19 44	14 15	5 0	21 17	1 30	14 40	1 36	13 46	1 11	0 13	1 12	3 5	1 56	15 17	0 43	0 14	1 0	18 43	0 30	18 30	18 25	20 21	17 14	3 0	S 23
M24	19 31	17 31	4 24	21 21	1 17	14 15	1 37	13 33	1 11	0 13	1 13	3 6	1 56	15 18	0 43	0 14	1 0	18 43	0 30	18 30	18 26	20 22	17 14	3 0	M24
T 25	19 18	19 42	3 30	21 24	1 4	13 51	1 37	13 20	1 11	0 14	1 13	3 7	1 57	15 19	0 43	0 13	1 0	18 42	0 30	18 30	18 27	20 22	17 14	3 1	T 25
W26	19 5	20 33	2 22	21 25	0 51	13 26	1 37	13 7	1 10	0 14	1 13	3 8	1 57	15 20	0 43	0 13	1 0	18 42	0 31	18 30	18 27	20 23	17 14	3 1	W26
T 27	18 51	19 56	1 3	21 25	0 38	13 0	1 37	12 53	1 10	0 15	1 14	3 9	1 57	15 20	0 43	0 13	1 0	18 42	0 31	18 30	18 28	20 23	17 14	3 1	T 27
F 28	18 37	17 55	0s20	21 22	0 26	12 35	1 36	12 40	1 10	0 16	1 14	3 10	1 57	15 21	0 43	0 13	1 0	18 41	0 31	18 30	18 29	20 24	17 15	3 1	F 28
S 29	18 23	14 44	1 40	21 18	0 14	12 8	1 36	12 27	1 10	0 16	1 14	3 11	1 57	15 22	0 43	0 12	1 0	18 41	0 31	18 30	18 30	20 24	17 15	3 2	S 29
S 30	18 9	10 43	2 52	21 11	0 2	11 42	1 36	12 13	1 9	0 17	1 14	3 12	1 58	15 23	0 43	0 12	1 0	18 41	0 31	18 30	18 31	20 25	17 15	3 2	S 30
M31	17n54	6s13	3s51	21n 2	0n10	11n15	1n36	11n59	1n 9	0s18	1s15	3s13	1s58	15s23	0s43	0n12	1s 0	18n40	0n31	18n30	18n31	20n26	17n15	3s 2	M31

Julian Day Number = 2879790.5, Delta T = 01h15m10s
Ecliptic obliquity = 23°17'09, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°09'37, Lahiri = 40°16'37

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ASTRODIENST EPHEMERIS for the year 3172
geocentric

AUGUST 3172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 40 36	9♌55'42	6♈48	27♋38	5♍47	2♍ 1	2°R 5	26°R24	19°R59	2°R49	7♌56	6°R35	6♌28	3♋32	1♊ 1	T 1
W 2	20 44 32	10°52'58	19°57	29°38	7° 0	2°39	2♈ 3	26♓21	19♒57	2♈48	7°58	6♌35	6°25	3°39	1° 3	W 2
T 3	20 48 29	11°50'14	2♉43	1♌40	8°13	3°17	2° 1	26°19	19°55	2°47	7°59	6°34	6°22	3°45	1° 4	T 3
F 4	20 52 26	12°47'31	15° 8	3°44	9°25	3°54	1°58	26°16	19°52	2°46	8° 1	6°D34	6°19	3°52	1° 6	F 4
S 5	20 56 22	13°44'49	27°18	5°50	10°38	4°32	1°56	26°14	19°50	2°45	8° 2	6°35	6°16	3°59	1° 8	S 5
S 6	21 0 19	14°42'07	9♊16	7°56	11°50	5°10	1°53	26°11	19°47	2°45	8° 4	6°35	6°12	4° 5	1° 9	S 6
M 7	21 4 15	15°39'25	21° 7	10° 4	13° 3	5°48	1°50	26° 8	19°45	2°44	8° 6	6°36	6° 9	4°12	1°11	M 7
T 8	21 8 12	16°36'45	2♋56	12°11	14°15	6°26	1°46	26° 5	19°43	2°43	8° 7	6°37	6° 6	4°19	1°13	T 8
W 9	21 12 8	17°34'05	14°46	14°19	15°28	7° 3	1°43	26° 2	19°40	2°42	8° 9	6°38	6° 3	4°25	1°14	W 9
T 10	21 16 5	18°31'25	26°40	16°27	16°40	7°41	1°39	25°59	19°38	2°40	8°10	6°39	6° 0	4°32	1°16	T 10
F 11	21 20 1	19°28'46	8♌41	18°35	17°53	8°19	1°35	25°56	19°35	2°39	8°12	6°R39	5°57	4°39	1°17	F 11
S 12	21 23 58	20°26'08	20°52	20°42	19° 5	8°57	1°31	25°53	19°33	2°38	8°13	6°38	5°53	4°45	1°18	S 12
S 13	21 27 55	21°23'30	3♍14	22°48	20°18	9°35	1°27	25°50	19°31	2°37	8°15	6°37	5°50	4°52	1°19	S 13
M14	21 31 51	22°20'53	15°48	24°54	21°30	10°12	1°23	25°46	19°28	2°36	8°17	6°35	5°47	4°59	1°21	M14
T 15	21 35 48	23°18'16	28°35	26°58	22°42	10°50	1°18	25°43	19°26	2°35	8°18	6°33	5°44	5° 5	1°22	T 15
W16	21 39 44	24°15'40	11♎37	29° 1	23°55	11°28	1°13	25°39	19°23	2°34	8°20	6°31	5°41	5°12	1°23	W16
T 17	21 43 41	25°13'04	24°53	1♍ 3	25° 7	12° 6	1° 9	25°36	19°21	2°32	8°21	6°28	5°38	5°19	1°24	T 17
F 18	21 47 37	26°10'29	8♏24	3° 3	26°19	12°44	1° 3	25°32	19°19	2°31	8°23	6°27	5°34	5°25	1°25	F 18
S 19	21 51 34	27° 7'54	22°10	5° 2	27°31	13°22	0°58	25°29	19°16	2°30	8°24	6°D26	5°31	5°32	1°26	S 19
S 20	21 55 30	28° 5'20	6♐10	6°59	28°44	14° 0	0°53	25°25	19°14	2°29	8°26	6°26	5°28	5°39	1°27	S 20
M21	21 59 27	29° 2'46	20°25	8°55	29°56	14°38	0°47	25°21	19°11	2°27	8°27	6°27	5°25	5°45	1°28	M21
T 22	22 3 24	0♍ 0'13	4♑51	10°49	1♎ 8	15°15	0°42	25°17	19° 9	2°26	8°29	6°28	5°22	5°52	1°28	T 22
W23	22 7 20	0°57'40	19°26	12°41	2°20	15°53	0°36	25°14	19° 7	2°25	8°30	6°30	5°18	5°59	1°29	W23
T 24	22 11 17	1°55'08	4♒ 4	14°32	3°32	16°31	0°30	25°10	19° 4	2°23	8°32	6°R30	5°15	6° 5	1°30	T 24
F 25	22 15 13	2°52'37	18°40	16°22	4°44	17° 9	0°24	25° 6	19° 2	2°22	8°33	6°30	5°12	6°12	1°31	F 25
S 26	22 19 10	3°50'07	3♓ 9	18° 9	5°56	17°47	0°18	25° 2	19° 0	2°21	8°35	6°28	5° 9	6°19	1°31	S 26
S 27	22 23 6	4°47'37	17°24	19°56	7° 7	18°25	0°12	24°58	18°58	2°19	8°36	6°25	5° 6	6°25	1°32	S 27
M28	22 27 3	5°45'09	1♈20	21°40	8°19	19° 3	0° 5	24°53	18°55	2°18	8°38	6°21	5° 3	6°32	1°32	M28
T 29	22 30 59	6°42'42	14°53	23°23	9°31	19°41	29♓58	24°49	18°53	2°16	8°39	6°16	4°59	6°39	1°32	T 29
W30	22 34 56	7°40'15	28° 4	25° 5	10°43	20°19	29°52	24°45	18°51	2°15	8°40	6°12	4°56	6°45	1°33	W30
T 31	22 38 53	8♍37'51	10♉52	26♍45	11♎55	20♍57	29♓45	24♓41	18♒49	2♈14	8♌42	6♌ 8	4♌53	6♋52	1♊33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17n39	1s33	4s36	20n51	0n21	10n48	1n35	11n46	1n 9	0s19	1s15	3s14	1s58	15s24	0s43	0n11	1s 1	18n40	0n31	18n30	18n32	20n26	17n15	3s 2	T 1
W 2	17 23	3n 3	5 4	20 37	0 32	10 21	1 35	11 32	1 9	0 20	1 15	3 15	1 58	15 25	0 43	0 11	1 1	18 40	0 31	18 31	18 33	20 27	17 15	3 3	W 2
T 3	17 8	7 22	5 17	20 21	0 42	9 54	1 34	11 18	1 8	0 22	1 15	3 16	1 59	15 26	0 43	0 10	1 1	18 39	0 31	18 31	18 34	20 27	17 16	3 3	T 3
F 4	16 52	11 16	5 14	20 2	0 51	9 26	1 34	11 4	1 8	0 23	1 16	3 17	1 59	15 26	0 43	0 10	1 1	18 39	0 31	18 31	18 34	20 28	17 16	3 3	F 4
S 5	16 36	14 36	4 57	19 40	1 0	8 58	1 33	10 50	1 8	0 24	1 16	3 19	1 59	15 27	0 43	0 10	1 1	18 39	0 31	18 31	18 35	20 28	17 16	3 3	S 5
S 6	16 19	17 17	4 27	19 16	1 8	8 30	1 32	10 36	1 8	0 26	1 16	3 20	1 59	15 28	0 43	0 9	1 1	18 38	0 31	18 30	18 36	20 29	17 16	3 4	S 6
M 7	16 2	19 13	3 47	18 50	1 16	8 1	1 31	10 22	1 7	0 27	1 17	3 21	1 59	15 29	0 43	0 9	1 1	18 38	0 31	18 30	18 37	20 30	17 16	3 4	M 7
T 8	15 45	20 19	2 56	18 21	1 22	7 33	1 30	10 8	1 7	0 29	1 17	3 23	2 0	15 29	0 43	0 8	1 1	18 38	0 31	18 30	18 38	20 30	17 16	3 4	T 8
W 9	15 28	20 31	1 58	17 50	1 28	7 4	1 29	9 54	1 7	0 30	1 17	3 24	2 0	15 30	0 43	0 8	1 1	18 37	0 31	18 30	18 38	20 31	17 16	3 4	W 9
T 10	15 11	19 47	0 55	17 17	1 33	6 35	1 28	9 40	1 7	0 32	1 17	3 25	2 0	15 31	0 43	0 8	1 1	18 37	0 31	18 30	18 39	20 31	17 16	3 5	T 10
F 11	14 53	18 9	0n11	16 42	1 37	6 6	1 27	9 26	1 6	0 34	1 18	3 27	2 0	15 32	0 43	0 7	1 1	18 36	0 32	18 30	18 40	20 32	17 16	3 5	F 11
S 12	14 35	15 41	1 18	16 5	1 40	5 36	1 26	9 11	1 6	0 35	1 18	3 28	2 0	15 32	0 43	0 7	1 1	18 36	0 32	18 30	18 41	20 32	17 16	3 5	S 12
S 13	14 17	12 28	2 22	15 27	1 43	5 7	1 24	8 57	1 6	0 37	1 18	3 30	2 0	15 33	0 43	0 6	1 1	18 36	0 32	18 30	18 42	20 33	17 16	3 5	S 13
M14	13 58	8 38	3 20	14 47	1 44	4 37	1 23	8 42	1 6	0 39	1 18	3 31	2 1	15 34	0 43	0 6	1 1	18 35	0 32	18 30	18 42	20 33	17 16	3 6	M14
T 15	13 40	4 22	4 9	14 6	1 45	4 7	1 21	8 28	1 5	0 41	1 19	3 33	2 1	15 35	0 43	0 5	1 1	18 35	0 32	18 31	18 43	20 34	17 16	3 6	T 15
W16	13 21	0s10	4 46	13 24	1 46	3 38	1 20	8 13	1 5	0 43	1 19	3 34	2 1	15 35	0 43	0 5	1 1	18 35	0 32	18 32	18 44	20 34	17 16	3 6	W16
T 17	13 2	4 46	5 9	12 40	1 45	3 8	1 18	7 59	1 5	0 46	1 19	3 36	2 1	15 36	0 43	0 4	1 1	18 34	0 32	18 32	18 45	20 35	17 16	3 6	T 17
F 18	12 43	9 14	5 15	11 56	1 44	2 38	1 17	7 44	1 4	0 48	1 19	3 37	2 1	15 37	0 43	0 4	1 1	18 34	0 32	18 33	18 45	20 35	17 16	3 7	F 18
S 19	12 23	13 18	5 4	11 12	1 42	2 7	1 15	7 29	1 4	0 50	1 20	3 39	2 2	15 38	0 43	0 3	1 1	18 34	0 32	18 33	18 46	20 36	17 16	3 7	S 19
S 20	12 4	16 42	4 34	10 27	1 40	1 37	1 13	7 14	1 4	0 52	1 20	3 40	2 2	15 38	0 43	0 3	1 1	18 33	0 32	18 33	18 47	20 36	17 16	3 7	S 20
M21	11 44	19 10	3 47	9 41	1 37	1 7	1 11	7 0	1 4	0 55	1 20	3 42	2 2	15 39	0 43	0 2	1 1	18 33	0 32	18 33	18 48	20 37	17 16	3 7	M21
T 22	11 24	20 26	2 46	8 55	1 34	0 37	1 9	6 45	1 3	0 57	1 20	3 44	2 2	15 40	0 43	0 2	1 1	18 33	0 32	18 32	18 48	20 37	17 16	3 8	T 22
W23	11 4	20 22	1 33	8 8	1 30	0 6	1 7	6 30	1 3	1 0	1 20	3 45	2 2	15 41	0 43	0 1	1 1	18 32	0 32	18 32	18 49	20 38	17 16	3 8	W23
T 24	10 43	18 54	0 13	7 22	1 25	0s24	1 5	6 15	1 3	1 2	1 21	3 47	2 2	15 41	0 43	0 0	1 1	18 32	0 32	18 32	18 50	20 38	17 15	3 8	T 24
F 25	10 23	16 11	1s 6	6 35	1 21	0 54	1 3	6 0	1 2	1 5	1 21	3 49	2 2	15 42	0 43	0s 0	1 1	18 32	0 32	18 32	18 51	20 39	17 15	3 8	F 25
S 26	10 2	12 29	2 21	5 49	1 15	1 25	1 0	5 45	1 2	1 7	1 21	3 50	2 3	15 43	0 43	0 1	1 1	18 32	0 33	18 32	18 52	20 39	17 15	3 9	S 26
S 27	9 42	8 7	3 26	5 2	1 10	1 55	0 58	5 30	1 2	1 10	1 21	3 52	2 3	15 43	0 43	0 1	1 1	18 31	0 33	18 33	18 52	20 40	17 15	3 9	S 27
M28	9 21	3 24	4 17	4 16	1 4	2 26	0 56	5 15	1 2	1 13	1 21	3 54	2 3	15 44	0 43	0 2	1 1	18 31	0 33	18 34	18 53	20 40	17 15	3 9	M28
T 29	9 0	1n21	4 51	3 29	0 57	2 56	0 53	5 0	1 1	1 16	1 22	3 56	2 3	15 45	0 43	0 2	1 1	18 31	0 33	18 35	18 54	20 41	17 15	3 9	T 29
W30	8 38	5 53	5 10	2 43	0 51	3 26	0 51	4 45	1 1	1 18	1 22	3 58	2 3	15 45	0 43	0 3	1 1	18 30	0 33	18 36	18 55	20 41	17 14	3 10	W30
T 31	8n17	10n 3	5s12	1n57	0n44	3s56	0n48	4n30	1n 1	1s21	1s22	3s59	2s 3	15s46	0s43	0s 4	1s 1	18n30	0n33	18n37	18n55	20n41	17n14	3s10	T 31

Julian Day Number = 2879821.5, Delta T = 01h15m10s
Ecliptic obliquity = 23°17'10, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°09'41, Lahiri = 40°16'42

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ASTRODIENST EPHEMERIS for the year 3172
geocentric

SEPTEMBER 3172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 42 49	9♍35'27	23♉19	28♍23	13♎ 6	21♍35	29°R38	24°R37	18°R46	2°R12	8♌43	6°R 5	4♌50	6♋59	1♊33	F 1
S 2	22 46 46	10°33'05	5♊30	0♎ 0	14°18	22°13	29♓31	24♓32	18♒44	2♈11	8°45	6°D 4	4°47	7° 5	1°33	S 2
S 3	22 50 42	11°30'45	17°29	1°36	15°29	22°51	29°24	24°28	18°42	2° 9	8°46	6♌ 4	4°44	7°12	1°33	S 3
M 4	22 54 39	12°28'26	29°20	3°10	16°41	23°29	29°17	24°23	18°40	2° 8	8°47	6° 5	4°40	7°19	1°R34	M 4
T 5	22 58 35	13°26'08	11♋ 9	4°42	17°52	24° 7	29° 9	24°19	18°38	2° 6	8°49	6° 7	4°37	7°25	1°34	T 5
W 6	23 2 32	14°23'52	23° 0	6°13	19° 4	24°45	29° 2	24°15	18°36	2° 4	8°50	6° 8	4°34	7°32	1°33	W 6
T 7	23 6 28	15°21'38	4♌59	7°43	20°15	25°23	28°55	24°10	18°34	2° 3	8°51	6°R 9	4°31	7°39	1°33	T 7
F 8	23 10 25	16°19'24	17° 8	9°11	21°27	26° 1	28°47	24° 6	18°31	2° 1	8°53	6° 8	4°28	7°45	1°33	F 8
S 9	23 14 22	17°17'13	29°31	10°37	22°38	26°39	28°40	24° 1	18°29	2° 0	8°54	6° 6	4°24	7°52	1°33	S 9
S 10	23 18 18	18°15'02	12♍ 9	12° 2	23°49	27°17	28°32	23°57	18°27	1°58	8°55	6° 2	4°21	7°59	1°33	S 10
M11	23 22 15	19°12'53	25° 3	13°26	25° 1	27°55	28°24	23°52	18°26	1°57	8°57	5°56	4°18	8° 5	1°32	M11
T 12	23 26 11	20°10'45	8♎14	14°47	26°12	28°33	28°16	23°48	18°24	1°55	8°58	5°48	4°15	8°12	1°32	T 12
W13	23 30 8	21° 8'39	21°38	16° 8	27°23	29°11	28° 9	23°43	18°22	1°53	8°59	5°41	4°12	8°19	1°31	W13
T 14	23 34 4	22° 6'34	5♏16	17°26	28°34	29°49	28° 1	23°39	18°20	1°52	9° 0	5°34	4° 9	8°25	1°31	T 14
F 15	23 38 1	23° 4'30	19° 3	18°43	29°45	0♎28	27°53	23°34	18°18	1°50	9° 1	5°28	4° 5	8°32	1°30	F 15
S 16	23 41 57	24° 2'28	2♐59	19°58	0♏56	1° 6	27°45	23°30	18°16	1°48	9° 3	5°24	4° 2	8°38	1°30	S 16
S 17	23 45 54	25° 0'26	17° 2	21°11	2° 7	1°44	27°37	23°25	18°14	1°47	9° 4	5°22	3°59	8°45	1°29	S 17
M18	23 49 50	25°58'26	1♑ 9	22°22	3°18	2°22	27°29	23°21	18°13	1°45	9° 5	5°D22	3°56	8°52	1°28	M18
T 19	23 53 47	26°56'27	15°20	23°31	4°29	3° 0	27°21	23°16	18°11	1°44	9° 6	5°23	3°53	8°58	1°27	T 19
W20	23 57 44	27°54'30	29°34	24°39	5°39	3°39	27°13	23°11	18° 9	1°42	9° 7	5°R24	3°49	9° 5	1°27	W20
T 21	0 1 40	28°52'33	13♒47	25°44	6°50	4°17	27° 5	23° 7	18° 8	1°40	9° 8	5°24	3°46	9°12	1°26	T 21
F 22	0 5 37	29°50'38	27°57	26°46	8° 1	4°55	26°57	23° 2	18° 6	1°39	9°10	5°21	3°43	9°18	1°25	F 22
S 23	0 9 33	0♎48'45	12♓ 2	27°46	9°11	5°33	26°50	22°58	18° 4	1°37	9°11	5°17	3°40	9°25	1°24	S 23
S 24	0 13 30	1°46'52	25°56	28°44	10°22	6°12	26°42	22°54	18° 3	1°35	9°12	5°10	3°37	9°32	1°23	S 24
M25	0 17 26	2°45'02	9♈37	29°39	11°32	6°50	26°34	22°49	18° 1	1°34	9°13	5° 1	3°34	9°38	1°21	M25
T 26	0 21 23	3°43'13	23° 0	0♏31	12°43	7°28	26°26	22°45	18° 0	1°32	9°14	4°52	3°30	9°45	1°20	T 26
W27	0 25 19	4°41'26	6♉ 5	1°19	13°53	8° 6	26°18	22°40	17°59	1°30	9°15	4°41	3°27	9°52	1°19	W27
T 28	0 29 16	5°39'41	18°49	2° 5	15° 3	8°45	26°11	22°36	17°57	1°29	9°16	4°32	3°24	9°58	1°18	T 28
F 29	0 33 13	6°37'58	1♊15	2°47	16°14	9°23	26° 3	22°32	17°56	1°27	9°17	4°25	3°21	10° 5	1°16	F 29
S 30	0 37 9	7♎36'16	13♊25	3♏25	17♏24	10♎ 1	25♓55	22♓27	17♒55	1♈25	9♌18	4♌20	3♌18	10♋12	1♊15	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7n55	13n39	4s59	1n12	0n37	4s27	0n45	4n15	1n 0	1s24	1s22	4s 1	2s 3	15s47	0s43	0s 4	1s 1	18n30	0n33	18n38	18n56	20n42	17n14	3s10
S 2	7 34	16 37	4 33	0 27	0 29	4 57	0 43	3 59	1 0	1 27	1 22	4 3	2 3	15 47	0 43	0 5	1 1	18 29	0 33	18 38	18 57	20 42	17 14	3 10
S 3	7 12	18 48	3 55	0s18	0 21	5 27	0 40	3 44	1 0	1 30	1 23	4 5	2 4	15 48	0 43	0 5	1 1	18 29	0 33	18 38	18 58	20 43	17 14	3 11
M 4	6 50	20 10	3 7	1 2	0 14	5 57	0 37	3 29	0 59	1 33	1 23	4 7	2 4	15 49	0 43	0 6	1 2	18 29	0 33	18 38	18 58	20 43	17 13	3 11
T 5	6 28	20 38	2 12	1 46	0 6	6 26	0 34	3 14	0 59	1 36	1 23	4 8	2 4	15 49	0 43	0 7	1 2	18 29	0 33	18 37	18 59	20 44	17 13	3 11
W 6	6 6	20 10	1 11	2 30	0s 3	6 56	0 31	2 58	0 59	1 39	1 23	4 10	2 4	15 50	0 43	0 7	1 2	18 28	0 33	18 37	19 0	20 44	17 13	3 11
T 7	5 44	18 48	0 6	3 13	0 11	7 26	0 28	2 43	0 58	1 42	1 23	4 12	2 4	15 51	0 43	0 8	1 2	18 28	0 33	18 37	19 1	20 44	17 13	3 12
F 8	5 22	16 33	0n59	3 55	0 20	7 55	0 25	2 28	0 58	1 45	1 23	4 14	2 4	15 51	0 43	0 9	1 2	18 28	0 33	18 37	19 1	20 45	17 12	3 12
S 9	4 59	13 30	2 3	4 37	0 28	8 24	0 22	2 13	0 58	1 48	1 23	4 16	2 4	15 52	0 43	0 9	1 2	18 27	0 33	18 38	19 2	20 45	17 12	3 12
S 10	4 37	9 47	3 3	5 18	0 37	8 54	0 19	1 57	0 57	1 52	1 23	4 18	2 4	15 53	0 43	0 10	1 2	18 27	0 34	18 39	19 3	20 46	17 12	3 13
M11	4 15	5 32	3 54	5 58	0 46	9 22	0 16	1 42	0 57	1 55	1 24	4 19	2 4	15 53	0 43	0 11	1 2	18 27	0 34	18 40	19 4	20 46	17 11	3 13
T 12	3 52	0 57	4 33	6 38	0 55	9 51	0 13	1 26	0 57	1 58	1 24	4 21	2 4	15 54	0 43	0 11	1 2	18 27	0 34	18 42	19 4	20 46	17 11	3 13
W13	3 29	3s45	4 59	7 17	1 4	10 20	0 9	1 11	0 56	2 1	1 24	4 23	2 4	15 54	0 43	0 12	1 2	18 26	0 34	18 44	19 5	20 47	17 11	3 13
T 14	3 7	8 21	5 8	7 56	1 13	10 48	0 6	0 56	0 56	2 4	1 24	4 25	2 5	15 55	0 43	0 13	1 2	18 26	0 34	18 46	19 6	20 47	17 10	3 14
F 15	2 44	12 34	4 59	8 33	1 22	11 16	0 3	0 40	0 56	2 7	1 24	4 27	2 5	15 55	0 43	0 13	1 2	18 26	0 34	18 47	19 7	20 48	17 10	3 14
S 16	2 21	16 9	4 33	9 10	1 31	11 44	0s 1	0 25	0 55	2 11	1 24	4 29	2 5	15 56	0 43	0 14	1 2	18 26	0 34	18 48	19 7	20 48	17 10	3 14
S 17	1 58	18 50	3 51	9 46	1 40	12 12	0 4	0 10	0 55	2 14	1 24	4 30	2 5	15 56	0 43	0 14	1 2	18 25	0 34	18 48	19 8	20 48	17 9	3 14
M18	1 35	20 23	2 54	10 21	1 49	12 39	0 8	0s 6	0 55	2 17	1 24	4 32	2 5	15 57	0 43	0 15	1 2	18 25	0 34	18 48	19 9	20 49	17 9	3 15
T 19	1 13	20 39	1 46	10 55	1 58	13 6	0 11	0 21	0 54	2 20	1 24	4 34	2 5	15 57	0 43	0 16	1 2	18 25	0 34	18 48	19 10	20 49	17 8	3 15
W20	0 50	19 36	0 31	11 27	2 7	13 33	0 15	0 37	0 54	2 23	1 24	4 36	2 5	15 58	0 42	0 16	1 2	18 25	0 34	18 48	19 10	20 49	17 8	3 15
T 21	0 27	17 18	0s45	11 59	2 16	14 0	0 18	0 52	0 54	2 27	1 24	4 38	2 5	15 58	0 42	0 17	1 2	18 24	0 34	18 48	19 11	20 50	17 7	3 15
F 22	0 4	13 57	1 58	12 30	2 24	14 26	0 22	1 7	0 53	2 30	1 24	4 40	2 5	15 59	0 42	0 18	1 2	18 24	0 34	18 49	19 12	20 50	17 7	3 16
S 23	0s19	9 50	3 3	13 0	2 33	14 52	0 25	1 23	0 53	2 33	1 25	4 41	2 5	15 59	0 42	0 18	1 2	18 24	0 35	18 50	19 13	20 50	17 7	3 16
S 24	0 42	5 14	3 57	13 28	2 41	15 18	0 29	1 38	0 53	2 36	1 25	4 43	2 5	16 0	0 42	0 19	1 2	18 24	0 35	18 51	19 13	20 51	17 6	3 16
M25	1 5	0 26	4 36	13 55	2 50	15 43	0 33	1 54	0 52	2 39	1 25	4 45	2 5	16 0	0 42	0 20	1 2	18 24	0 35	18 53	19 14	20 51	17 6	3 16
T 26	1 28	4n16	4 58	14 21	2 58	16 8	0 36	2 9	0 52	2 42	1 25	4 47	2 5	16 1	0 42	0 20	1 2	18 23	0 35	18 56	19 15	20 52	17 5	3 17
W27	1 51	8 40	5 4	14 45	3 5	16 33	0 40	2 24	0 52	2 45	1 25	4 48	2 5	16 1	0 42	0 21	1 2	18 23	0 35	18 58	19 16	20 52	17 5	3 17
T 28	2 14	12 34	4 55	15 8	3 13	16 57	0 44	2 40	0 51	2 48	1 25	4 50	2 5	16 1	0 42	0 22	1 2	18 23	0 35	19 0	19 16	20 52	17 4	3 17
F 29	2 37	15 50	4 32	15 29	3 20	17 21	0 48	2 55	0 51	2 51	1 25	4 52	2 5	16 2	0 42	0 22	1 2	18 23	0 35	19 2	19 17	20 52	17 4	3 17
S 30	3s 0	18n21	3s57	15s48	3s26	17s44	0s51	3s10	0n51	2s54	1s25	4s53	2s 5	16s 2	0s42	0s23	1s 2	18n23	0n35	19n 3	19n18	20n53	17n 3	3s18

Julian Day Number = 2879852.5, Delta T = 01h15m11s
Ecliptic obliquity = 23°17'11, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°09'45, Lahiri = 40°16'46

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ASTRODIENST EPHEMERIS for the year 3172
geocentric

OCTOBER 3172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 41 6	8♎34'37	25♊24	3♏59	18♏34	10♎40	25°R48	22°R23	17°R53	1°R24	9♌19	4°R17	3♌15	10♋18	1°R14	S 1
M 2	0 45 2	9°33'00	7♋15	4°28	19°44	11°18	25♓40	22♓19	17♒52	1♈22	9°19	4°D16	3°11	10°25	1♊12	M 2
T 3	0 48 59	10°31'25	19° 3	4°53	20°54	11°57	25°33	22°15	17°51	1°21	9°20	4♌16	3° 8	10°32	1°11	T 3
W 4	0 52 55	11°29'52	0♌55	5°12	22° 3	12°35	25°25	22°10	17°50	1°19	9°21	4°R17	3° 5	10°38	1° 9	W 4
T 5	0 56 52	12°28'21	12°56	5°27	23°13	13°14	25°18	22° 6	17°49	1°17	9°22	4°16	3° 2	10°45	1° 7	T 5
F 6	1 0 48	13°26'52	25°10	5°35	24°23	13°52	25°11	22° 2	17°48	1°16	9°23	4°14	2°59	10°52	1° 6	F 6
S 7	1 4 45	14°25'25	7♍42	5°R37	25°33	14°31	25° 4	21°58	17°47	1°14	9°24	4°10	2°55	10°58	1° 4	S 7
S 8	1 8 41	15°23'59	20°33	5°33	26°42	15° 9	24°57	21°54	17°46	1°13	9°24	4° 3	2°52	11° 5	1° 2	S 8
M 9	1 12 38	16°22'36	3♎46	5°22	27°52	15°48	24°50	21°50	17°45	1°11	9°25	3°53	2°49	11°12	1° 0	M 9
T 10	1 16 35	17°21'15	17°19	5° 4	29° 1	16°26	24°43	21°46	17°44	1° 9	9°26	3°42	2°46	11°18	0°58	T 10
W11	1 20 31	18°19'56	1♏10	4°39	0♐10	17° 5	24°37	21°43	17°43	1° 8	9°27	3°31	2°43	11°25	0°56	W11
T 12	1 24 28	19°18'38	15°14	4° 7	1°20	17°43	24°30	21°39	17°42	1° 6	9°27	3°19	2°40	11°32	0°54	T 12
F 13	1 28 24	20°17'23	29°26	3°27	2°29	18°22	24°24	21°35	17°42	1° 5	9°28	3°10	2°36	11°38	0°52	F 13
S 14	1 32 21	21°16'09	13♐42	2°41	3°38	19° 1	24°17	21°31	17°41	1° 3	9°29	3° 3	2°33	11°45	0°50	S 14
S 15	1 36 17	22°14'57	27°58	1°48	4°47	19°39	24°11	21°28	17°40	1° 2	9°29	2°59	2°30	11°51	0°48	S 15
M16	1 40 14	23°13'46	12♑10	0°50	5°56	20°18	24° 5	21°24	17°40	1° 0	9°30	2°57	2°27	11°58	0°46	M16
T 17	1 44 10	24°12'37	26°17	29♎47	7° 5	20°57	23°59	21°21	17°39	0°59	9°30	2°57	2°24	12° 5	0°44	T 17
W18	1 48 7	25°11'30	10♒18	28°41	8°13	21°35	23°54	21°18	17°39	0°57	9°31	2°57	2°21	12°11	0°42	W18
T 19	1 52 4	26°10'24	24°12	27°33	9°22	22°14	23°48	21°14	17°38	0°56	9°32	2°56	2°17	12°18	0°40	T 19
F 20	1 56 0	27° 9'20	8♓ 0	26°25	10°30	22°53	23°43	21°11	17°38	0°54	9°32	2°52	2°14	12°25	0°37	F 20
S 21	1 59 57	28° 8'18	21°39	25°19	11°39	23°32	23°37	21° 8	17°38	0°53	9°33	2°46	2°11	12°31	0°35	S 21
S 22	2 3 53	29° 7'17	5♈ 8	24°16	12°47	24°10	23°32	21° 5	17°38	0°52	9°33	2°37	2° 8	12°38	0°33	S 22
M23	2 7 50	0♏ 6'19	18°27	23°18	13°55	24°49	23°27	21° 2	17°37	0°50	9°33	2°25	2° 5	12°45	0°30	M23
T 24	2 11 46	1° 5'22	1♉32	22°27	15° 3	25°28	23°23	20°59	17°37	0°49	9°34	2°12	2° 1	12°51	0°28	T 24
W25	2 15 43	2° 4'27	14°22	21°45	16°11	26° 7	23°18	20°56	17°37	0°47	9°34	1°59	1°58	12°58	0°25	W25
T 26	2 19 39	3° 3'34	26°56	21°11	17°19	26°46	23°14	20°53	17°37	0°46	9°35	1°47	1°55	13° 5	0°23	T 26
F 27	2 23 36	4° 2'43	9♊16	20°48	18°26	27°25	23° 9	20°51	17°D37	0°45	9°35	1°36	1°52	13°11	0°20	F 27
S 28	2 27 33	5° 1'55	21°23	20°36	19°34	28° 4	23° 5	20°48	17°37	0°43	9°35	1°28	1°49	13°18	0°18	S 28
S 29	2 31 29	6° 1'09	3♋18	20°D34	20°41	28°43	23° 1	20°45	17°37	0°42	9°36	1°23	1°46	13°25	0°15	S 29
M30	2 35 26	7° 0'24	15° 8	20°43	21°48	29°21	22°58	20°43	17°37	0°41	9°36	1°21	1°42	13°31	0°12	M30
T 31	2 39 22	7♏59'42	26♋55	21♎ 3	22♐55	0♏ 0	22♓54	20♓41	17♒37	0♈40	9♌36	1♌20	1♌39	13♋38	0♊10	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	3s23	20n 0	3s12	16s 6	3s32	18s 7	0s55	3s25	0n50	2s57	1s25	4s55	2s 5	16s 3	0s42	0s24	1s 2	18n23	0n35	19n 4	19n18	20n53	17n 3	3s18	S 1
M 2	3 46	20 46	2 19	16 21	3 38	18 30	0 59	3 41	0 50	3 0	1 25	4 57	2 5	16 3	0 42	0 24	1 2	18 22	0 35	19 4	19 19	20 53	17 2	3 18	M 2
T 3	4 8	20 37	1 20	16 34	3 43	18 52	1 3	3 56	0 49	3 3	1 25	4 58	2 5	16 3	0 42	0 25	1 2	18 22	0 35	19 4	19 20	20 54	17 2	3 18	T 3
W 4	4 31	19 32	0 18	16 45	3 47	19 14	1 6	4 11	0 49	3 6	1 24	5 0	2 5	16 4	0 42	0 26	1 2	18 22	0 35	19 4	19 21	20 54	17 1	3 19	W 4
T 5	4 54	17 34	0n46	16 53	3 51	19 36	1 10	4 26	0 49	3 9	1 24	5 2	2 5	16 4	0 42	0 26	1 2	18 22	0 35	19 4	19 21	20 54	17 1	3 19	T 5
F 6	5 16	14 46	1 49	16 58	3 54	19 56	1 14	4 42	0 48	3 12	1 24	5 3	2 5	16 4	0 42	0 27	1 2	18 22	0 35	19 5	19 22	20 55	17 0	3 19	F 6
S 7	5 39	11 14	2 48	17 1	3 55	20 17	1 18	4 57	0 48	3 14	1 24	5 5	2 5	16 4	0 42	0 28	1 2	18 22	0 36	19 6	19 23	20 55	16 59	3 19	S 7
S 8	6 2	7 5	3 40	17 0	3 56	20 37	1 21	5 12	0 48	3 17	1 24	5 6	2 5	16 5	0 42	0 28	1 2	18 21	0 36	19 7	19 24	20 55	16 59	3 19	S 8
M 9	6 24	2 31	4 21	16 56	3 55	20 56	1 25	5 27	0 47	3 20	1 24	5 8	2 5	16 5	0 42	0 29	1 2	18 21	0 36	19 9	19 24	20 55	16 58	3 20	M 9
T 10	6 46	2s18	4 49	16 48	3 53	21 16	1 29	5 42	0 47	3 22	1 24	5 9	2 5	16 5	0 42	0 29	1 2	18 21	0 36	19 12	19 25	20 56	16 58	3 20	T 10
W11	7 9	7 5	5 1	16 36	3 50	21 34	1 33	5 57	0 46	3 25	1 24	5 11	2 5	16 5	0 42	0 30	1 2	18 21	0 36	19 15	19 26	20 56	16 57	3 20	W11
T 12	7 31	11 35	4 55	16 20	3 45	21 52	1 36	6 12	0 46	3 28	1 24	5 12	2 5	16 6	0 42	0 31	1 2	18 21	0 36	19 17	19 26	20 56	16 56	3 20	T 12
F 13	7 53	15 29	4 31	16 1	3 38	22 10	1 40	6 27	0 46	3 30	1 24	5 14	2 5	16 6	0 42	0 31	1 2	18 21	0 36	19 20	19 27	20 56	16 56	3 21	F 13
S 14	8 15	18 30	3 49	15 37	3 30	22 26	1 44	6 42	0 45	3 32	1 24	5 15	2 4	16 6	0 42	0 32	1 2	18 21	0 36	19 21	19 28	20 57	16 55	3 21	S 14
S 15	8 37	20 22	2 54	15 9	3 20	22 43	1 47	6 57	0 45	3 35	1 24	5 16	2 4	16 6	0 42	0 32	1 2	18 21	0 36	19 22	19 29	20 57	16 55	3 21	S 15
M16	8 58	20 57	1 48	14 37	3 8	22 59	1 51	7 12	0 44	3 37	1 24	5 18	2 4	16 6	0 42	0 33	1 2	18 21	0 36	19 22	19 29	20 57	16 54	3 21	M16
T 17	9 20	20 11	0 35	14 2	2 54	23 14	1 55	7 27	0 44	3 39	1 24	5 19	2 4	16 6	0 42	0 34	1 2	18 21	0 36	19 22	19 30	20 57	16 53	3 21	T 17
W18	9 41	18 10	0s39	13 24	2 38	23 29	1 58	7 41	0 44	3 41	1 23	5 20	2 4	16 7	0 42	0 34	1 2	18 20	0 36	19 22	19 31	20 58	16 53	3 22	W18
T 19	10 3	15 6	1 50	12 44	2 21	23 43	2 2	7 56	0 43	3 43	1 23	5 21	2 4	16 7	0 42	0 35	1 2	18 20	0 36	19 23	19 31	20 58	16 52	3 22	T 19
F 20	10 24	11 13	2 54	12 2	2 2	23 57	2 5	8 11	0 43	3 45	1 23	5 23	2 4	16 7	0 42	0 35	1 2	18 20	0 37	19 24	19 32	20 58	16 51	3 22	F 20
S 21	10 45	6 46	3 47	11 19	1 43	24 10	2 8	8 25	0 42	3 47	1 23	5 24	2 4	16 7	0 42	0 36	1 2	18 20	0 37	19 25	19 33	20 58	16 51	3 22	S 21
S 22	11 6	2 4	4 27	10 38	1 22	24 22	2 12	8 40	0 42	3 49	1 23	5 25	2 4	16 7	0 42	0 36	1 2	18 20	0 37	19 27	19 34	20 59	16 50	3 22	S 22
M23	11 26	2n41	4 51	9 57	1 2	24 34	2 15	8 54	0 42	3 51	1 23	5 26	2 4	16 7	0 42	0 37	1 2	18 20	0 37	19 30	19 34	20 59	16 49	3 23	M23
T 24	11 47	7 14	5 0	9 19	0 41	24 45	2 18	9 9	0 41	3 53	1 23	5 27	2 4	16 7	0 42	0 37	1 2	18 20	0 37	19 33	19 35	20 59	16 49	3 23	T 24
W25	12 7	11 22	4 53	8 45	0 21	24 55	2 22	9 23	0 41	3 54	1 23	5 28	2 4	16 7	0 42	0 38	1 2	18 20	0 37	19 36	19 36	20 59	16 48	3 23	W25
T 26	12 27	14 56	4 32	8 15	0 2	25 5	2 25	9 38	0 40	3 56	1 22	5 29	2 4	16 7	0 42	0 39	1 2	18 20	0 37	19 38	19 36	20 59	16 47	3 23	T 26
F 27	12 47	17 46	3 59	7 49	0n17	25 15	2 28	9 52	0 40	3 58	1 22	5 30	2 3	16 7	0 42	0 39	1 2	18 20	0 37	19 41	19 37	21 0	16 47	3 23	F 27
S 28	13 7	19 46	3 15	7 28	0 34	25 23	2 31	10 6	0 39	3 59	1 22	5 31	2 3	16 7	0 41	0 40	1 2	18 20	0 37	19 42	19 38	21 0	16 46	3 23	S 28
S 29	13 27	20 52	2 23	7 13	0 49	25 31	2 34	10 20	0 39	4 0	1 22	5 32	2 3	16 7	0 41	0 40	1 2	18 20	0 37	19 43	19 38	21 0	16 45	3 24	S 29
M30	13 46	21 2	1 25	7 3	1 4	25 39	2 37	10 34	0 39	4 2	1 22	5 33	2 3	16 7	0 41	0 41	1 2	18 20	0 37	19 44	19 39	21 0	16 45	3 24	M30
T 31	14s 5	20n15	0s23	6s59	1n16	25s46	2s40	10s48	0n38	4s 3	1s22	5s33	2s 3	16s 7	0s41	0s41	1s 2	18n20	0n37	19n44	19n40	21n 0	16n44	3s24	T 31

Julian Day Number = 2879882.5, Delta T = 01h15m12s
Ecliptic obliquity = 23°17'11, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°09'50, Lahiri = 40°16'50

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ASTRODIENST EPHEMERIS for the year 3172
geocentric

NOVEMBER 3172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 43 19	8♏59'03	8♌46	21♎32	24♐ 2	0♏39	22°R51	20°R38	17♒38	0°R38	9♌36	1°R20	1♌36	13♋45	0°R 7	W 1
T 2	2 47 15	9°58'25	20°46	22°11	25° 9	1°19	22♓48	20♓36	17°38	0♈37	9°37	1♌19	1°33	13°51	0♊ 4	T 2
F 3	2 51 12	10°57'50	3♍ 0	22°59	26°16	1°58	22°45	20°34	17°38	0°36	9°37	1°18	1°30	13°58	0° 2	F 3
S 4	2 55 8	11°57'17	15°34	23°54	27°22	2°37	22°42	20°32	17°39	0°35	9°37	1°14	1°26	14° 5	29♉59	S 4
S 5	2 59 5	12°56'46	28°31	24°56	28°29	3°16	22°40	20°30	17°39	0°34	9°37	1° 7	1°23	14°11	29°56	S 5
M 6	3 3 2	13°56'17	11♎54	26° 5	29°35	3°55	22°37	20°28	17°40	0°33	9°37	0°58	1°20	14°18	29°53	M 6
T 7	3 6 58	14°55'51	25°42	27°19	0♑41	4°34	22°35	20°27	17°40	0°32	9°37	0°47	1°17	14°24	29°51	T 7
W 8	3 10 55	15°55'26	9♏53	28°38	1°47	5°13	22°33	20°25	17°41	0°31	9°37	0°35	1°14	14°31	29°48	W 8
T 9	3 14 51	16°55'04	24°21	0♏ 0	2°52	5°53	22°31	20°24	17°41	0°30	9°R37	0°24	1°11	14°38	29°45	T 9
F 10	3 18 48	17°54'43	9♐ 0	1°27	3°58	6°32	22°30	20°22	17°42	0°29	9°37	0°14	1° 7	14°44	29°42	F 10
S 11	3 22 44	18°54'25	23°42	2°56	5° 3	7°11	22°28	20°21	17°43	0°28	9°37	0° 7	1° 4	14°51	29°39	S 11
S 12	3 26 41	19°54'08	8♑20	4°27	6° 8	7°50	22°27	20°20	17°44	0°27	9°37	0° 3	1° 1	14°58	29°36	S 12
M13	3 30 37	20°53'53	22°49	6° 0	7°13	8°30	22°26	20°19	17°44	0°26	9°37	0° 2	0°58	15° 4	29°33	M13
T 14	3 34 34	21°53'39	7♒ 5	7°35	8°17	9° 9	22°25	20°18	17°45	0°25	9°37	0°D 2	0°55	15°11	29°30	T 14
W15	3 38 31	22°53'27	21° 6	9°11	9°22	9°48	22°25	20°17	17°46	0°24	9°37	0°R 2	0°52	15°18	29°28	W15
T 16	3 42 27	23°53'16	4♓53	10°48	10°26	10°28	22°25	20°16	17°47	0°23	9°37	0° 1	0°48	15°24	29°25	T 16
F 17	3 46 24	24°53'07	18°26	12°26	11°30	11° 7	22°D24	20°15	17°48	0°22	9°36	29♋59	0°45	15°31	29°22	F 17
S 18	3 50 20	25°53'00	1♈47	14° 4	12°34	11°47	22°25	20°14	17°49	0°22	9°36	29°54	0°42	15°38	29°19	S 18
S 19	3 54 17	26°52'54	14°54	15°42	13°37	12°26	22°25	20°14	17°51	0°21	9°36	29°47	0°39	15°44	29°16	S 19
M20	3 58 13	27°52'50	27°50	17°21	14°40	13° 5	22°25	20°14	17°52	0°20	9°36	29°37	0°36	15°51	29°13	M20
T 21	4 2 10	28°52'48	10♉34	19° 0	15°43	13°45	22°26	20°13	17°53	0°19	9°35	29°26	0°32	15°58	29°10	T 21
W22	4 6 6	29°52'47	23° 7	20°39	16°45	14°25	22°27	20°13	17°54	0°19	9°35	29°14	0°29	16° 4	29° 7	W22
T 23	4 10 3	0♐52'48	5♊27	22°18	17°47	15° 4	22°28	20°D13	17°56	0°18	9°35	29° 4	0°26	16°11	29° 4	T 23
F 24	4 14 0	1°52'51	17°37	23°56	18°49	15°44	22°29	20°13	17°57	0°18	9°35	28°55	0°23	16°18	29° 1	F 24
S 25	4 17 56	2°52'56	29°37	25°35	19°51	16°23	22°31	20°13	17°58	0°17	9°34	28°48	0°20	16°24	28°58	S 25
S 26	4 21 53	3°53'03	11♋29	27°13	20°52	17° 3	22°32	20°13	18° 0	0°17	9°34	28°44	0°17	16°31	28°55	S 26
M27	4 25 49	4°53'11	23°16	28°51	21°53	17°43	22°34	20°14	18° 2	0°16	9°33	28°D42	0°13	16°37	28°52	M27
T 28	4 29 46	5°53'22	5♌ 3	0♐29	22°53	18°22	22°36	20°14	18° 3	0°16	9°33	28°42	0°10	16°44	28°49	T 28
W29	4 33 42	6°53'34	16°52	2° 6	23°54	19° 2	22°39	20°15	18° 5	0°15	9°32	28°43	0° 7	16°51	28°46	W29
T 30	4 37 39	7♐53'48	28♌50	3♐43	24♑53	19♏42	22♓41	20♓15	18♒ 6	0♈15	9♌32	28♋45	0♌ 4	16♋57	28♉43	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	14s24	18n35	0n39	6s59	1n28	25s52	2s43	11s 2	0n38	4s 4	1s21	5s34	2s 3	16s 7	0s41	0s41	1s 2	18n20	0n37	19n44	19n41	21n 1	16n43	3s24	W 1
T 2	14 43	16 5	1 41	7 5	1 37	25 57	2 45	11 16	0 37	4 5	1 21	5 35	2 3	16 6	0 41	0 42	1 2	18 20	0 38	19 44	19 41	21 1	16 42	3 24	T 2
F 3	15 1	12 49	2 40	7 15	1 45	26 2	2 48	11 30	0 37	4 6	1 21	5 36	2 3	16 6	0 41	0 42	1 2	18 20	0 38	19 45	19 42	21 1	16 42	3 24	F 3
S 4	15 19	8 55	3 32	7 29	1 52	26 6	2 50	11 44	0 36	4 7	1 21	5 36	2 3	16 6	0 41	0 43	1 2	18 20	0 38	19 45	19 43	21 1	16 41	3 25	S 4
S 5	15 37	4 29	4 15	7 47	1 57	26 10	2 53	11 58	0 36	4 8	1 21	5 37	2 2	16 6	0 41	0 43	1 2	18 20	0 38	19 47	19 43	21 1	16 40	3 25	S 5
M 6	15 55	0s17	4 45	8 8	2 0	26 12	2 55	12 11	0 36	4 9	1 21	5 38	2 2	16 6	0 41	0 44	1 2	18 20	0 38	19 49	19 44	21 1	16 40	3 25	M 6
T 7	16 13	5 12	5 0	8 32	2 3	26 15	2 58	12 25	0 35	4 9	1 20	5 38	2 2	16 6	0 41	0 44	1 2	18 20	0 38	19 51	19 45	21 1	16 39	3 25	T 7
W 8	16 30	9 58	4 58	8 59	2 4	26 16	3 0	12 38	0 35	4 10	1 20	5 39	2 2	16 5	0 41	0 44	1 2	18 20	0 38	19 54	19 45	21 2	16 38	3 25	W 8
T 9	16 47	14 16	4 36	9 27	2 5	26 17	3 2	12 51	0 34	4 11	1 20	5 39	2 2	16 5	0 41	0 45	1 2	18 20	0 38	19 56	19 46	21 2	16 37	3 25	T 9
F 10	17 4	17 46	3 56	9 57	2 4	26 17	3 4	13 5	0 34	4 11	1 20	5 40	2 2	16 5	0 41	0 45	1 2	18 21	0 38	19 58	19 47	21 2	16 37	3 25	F 10
S 11	17 20	20 8	3 0	10 29	2 3	26 17	3 6	13 18	0 33	4 11	1 20	5 40	2 2	16 5	0 41	0 46	1 2	18 21	0 38	20 0	19 48	21 2	16 36	3 25	S 11
S 12	17 36	21 9	1 53	11 1	2 1	26 16	3 8	13 31	0 33	4 12	1 19	5 40	2 1	16 4	0 41	0 46	1 1	18 21	0 38	20 1	19 48	21 2	16 35	3 26	S 12
M13	17 52	20 44	0 38	11 35	1 58	26 14	3 9	13 44	0 32	4 12	1 19	5 41	2 1	16 4	0 41	0 46	1 1	18 21	0 38	20 1	19 49	21 2	16 35	3 26	M13
T 14	18 7	18 59	0s38	12 9	1 54	26 12	3 11	13 57	0 32	4 12	1 19	5 41	2 1	16 4	0 41	0 47	1 1	18 21	0 39	20 1	19 50	21 2	16 34	3 26	T 14
W15	18 23	16 6	1 50	12 43	1 50	26 9	3 12	14 10	0 31	4 12	1 19	5 41	2 1	16 3	0 41	0 47	1 1	18 21	0 39	20 1	19 50	21 2	16 33	3 26	W15
T 16	18 37	12 22	2 54	13 17	1 46	26 6	3 14	14 22	0 31	4 12	1 19	5 41	2 1	16 3	0 41	0 47	1 1	18 21	0 39	20 1	19 51	21 3	16 32	3 26	T 16
F 17	18 52	8 3	3 48	13 52	1 41	26 2	3 15	14 35	0 30	4 12	1 18	5 41	2 1	16 3	0 41	0 48	1 1	18 21	0 39	20 1	19 52	21 3	16 32	3 26	F 17
S 18	19 6	3 24	4 28	14 26	1 36	25 57	3 16	14 48	0 30	4 12	1 18	5 42	2 1	16 2	0 41	0 48	1 1	18 21	0 39	20 2	19 52	21 3	16 31	3 26	S 18
S 19	19 20	1n19	4 54	15 0	1 30	25 51	3 17	15 0	0 30	4 11	1 18	5 42	2 0	16 2	0 41	0 48	1 1	18 22	0 39	20 4	19 53	21 3	16 30	3 26	S 19
M20	19 34	5 54	5 4	15 33	1 25	25 45	3 18	15 12	0 29	4 11	1 18	5 42	2 0	16 2	0 41	0 48	1 1	18 22	0 39	20 6	19 54	21 3	16 30	3 26	M20
T 21	19 47	10 10	4 58	16 6	1 19	25 39	3 18	15 25	0 29	4 10	1 18	5 42	2 0	16 1	0 41	0 49	1 1	18 22	0 39	20 8	19 54	21 3	16 29	3 26	T 21
W22	20 0	13 56	4 38	16 38	1 12	25 32	3 19	15 37	0 28	4 10	1 17	5 42	2 0	16 1	0 41	0 49	1 1	18 22	0 39	20 11	19 55	21 3	16 28	3 27	W22
T 23	20 12	17 3	4 6	17 10	1 6	25 24	3 19	15 49	0 28	4 9	1 17	5 41	2 0	16 0	0 41	0 49	1 1	18 22	0 39	20 13	19 56	21 3	16 27	3 27	T 23
F 24	20 24	19 22	3 22	17 41	0 59	25 16	3 19	16 1	0 27	4 9	1 17	5 41	2 0	16 0	0 41	0 49	1 1	18 22	0 39	20 15	19 56	21 3	16 27	3 27	F 24
S 25	20 36	20 47	2 30	18 11	0 53	25 7	3 19	16 12	0 27	4 8	1 17	5 41	2 0	15 59	0 41	0 49	1 1	18 23	0 39	20 16	19 57	21 3	16 26	3 27	S 25
S 26	20 47	21 17	1 31	18 40	0 46	24 58	3 19	16 24	0 26	4 7	1 17	5 41	1 59	15 59	0 41	0 50	1 1	18 23	0 39	20 17	19 58	21 3	16 25	3 27	S 26
M27	20 58	20 49	0 29	19 8	0 39	24 48	3 19	16 36	0 26	4 6	1 16	5 41	1 59	15 58	0 41	0 50	1 1	18 23	0 40	20 17	19 58	21 3	16 25	3 27	M27
T 28	21 9	19 26	0n34	19 36	0 32	24 37	3 19	16 47	0 25	4 5	1 16	5 40	1 59	15 58	0 41	0 50	1 1	18 23	0 40	20 17	19 59	21 3	16 24	3 27	T 28
W29	21 19	17 13	1 36	20 2	0 25	24 27	3 18	16 58	0 25	4 4	1 16	5 40	1 59	15 57	0 41	0 50	1 1	18 23	0 40	20 17	20 0	21 3	16 23	3 27	W29
T 30	21s29	14n14	2n35	20s28	0n18	24s15	3s18	17s10	0n24	4s 3	1s16	5s40	1s59	15s57	0s40	0s50	1s 1	18n23	0n40	20n17	20n 0	21n 3	16n23	3s27	T 30

Julian Day Number = 2879913.5, Delta T = 01h15m12s
Ecliptic obliquity = 23°17'11, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°09'54, Lahiri = 40°16'54

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ASTRODIENST EPHEMERIS for the year 3172
geocentric

DECEMBER 3172 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 41 35	8♐54'05	11♍ 2	5♐20	25♑53	20♏22	22♓44	20♓16	18♒ 8	0°R14	9°R31	28°R45	0♌ 1	17♋ 4	28°R41	F 1
S 2	4 45 32	9°54'23	23°33	6°56	26°52	21° 1	22°47	20°17	18°10	0♈14	9♌31	28♋44	29♋58	17°11	28♉38	S 2
S 3	4 49 29	10°54'43	6♎27	8°33	27°50	21°41	22°50	20°18	18°12	0°14	9°30	28°41	29°54	17°17	28°35	S 3
M 4	4 53 25	11°55'05	19°49	10° 9	28°48	22°21	22°53	20°19	18°14	0°14	9°30	28°36	29°51	17°24	28°32	M 4
T 5	4 57 22	12°55'29	3♏38	11°44	29°46	23° 1	22°57	20°20	18°15	0°13	9°29	28°29	29°48	17°31	28°29	T 5
W 6	5 1 18	13°55'54	17°55	13°20	0♒43	23°41	23° 0	20°21	18°17	0°13	9°29	28°22	29°45	17°37	28°26	W 6
T 7	5 5 15	14°56'21	2♐36	14°55	1°39	24°21	23° 4	20°22	18°19	0°13	9°28	28°15	29°42	17°44	28°23	T 7
F 8	5 9 11	15°56'50	17°32	16°30	2°35	25° 1	23° 8	20°24	18°21	0°13	9°27	28° 9	29°38	17°51	28°21	F 8
S 9	5 13 8	16°57'21	2♑36	18° 5	3°31	25°41	23°12	20°25	18°23	0°13	9°27	28° 4	29°35	17°57	28°18	S 9
S 10	5 17 4	17°57'53	17°38	19°39	4°26	26°21	23°17	20°27	18°26	0°13	9°26	28° 2	29°32	18° 4	28°15	S 10
M11	5 21 1	18°58'26	2♒29	21°14	5°20	27° 1	23°22	20°29	18°28	0°D13	9°25	28°D 2	29°29	18°11	28°12	M11
T 12	5 24 58	19°59'00	17° 4	22°48	6°14	27°41	23°26	20°31	18°30	0°13	9°24	28° 3	29°26	18°17	28°10	T 12
W13	5 28 54	20°59'36	1♓19	24°22	7° 7	28°21	23°31	20°33	18°32	0°13	9°24	28° 4	29°23	18°24	28° 7	W13
T 14	5 32 51	22° 0'12	15°12	25°56	7°59	29° 1	23°36	20°35	18°35	0°13	9°23	28° 5	29°19	18°31	28° 4	T 14
F 15	5 36 47	23° 0'50	28°43	27°30	8°51	29°41	23°42	20°37	18°37	0°13	9°22	28°R 5	29°16	18°37	28° 2	F 15
S 16	5 40 44	24° 1'28	11♈56	29° 3	9°42	0♐22	23°47	20°39	18°39	0°13	9°21	28° 4	29°13	18°44	27°59	S 16
S 17	5 44 40	25° 2'07	24°51	0♑37	10°32	1° 2	23°53	20°42	18°42	0°13	9°20	28° 1	29°10	18°50	27°57	S 17
M18	5 48 37	26° 2'48	7♉30	2°10	11°22	1°42	23°59	20°44	18°44	0°13	9°19	27°56	29° 7	18°57	27°54	M18
T 19	5 52 33	27° 3'29	19°57	3°44	12°10	2°22	24° 5	20°47	18°46	0°14	9°18	27°51	29° 4	19° 4	27°52	T 19
W20	5 56 30	28° 4'12	2♊13	5°17	12°58	3° 3	24°11	20°49	18°49	0°14	9°18	27°45	29° 0	19°10	27°49	W20
T 21	6 0 27	29° 4'56	14°20	6°50	13°45	3°43	24°18	20°52	18°52	0°14	9°17	27°40	28°57	19°17	27°47	T 21
F 22	6 4 23	0♑ 5'41	26°19	8°23	14°31	4°23	24°24	20°55	18°54	0°15	9°16	27°36	28°54	19°24	27°44	F 22
S 23	6 8 20	1° 6'27	8♋12	9°56	15°16	5° 4	24°31	20°58	18°57	0°15	9°15	27°33	28°51	19°30	27°42	S 23
S 24	6 12 16	2° 7'14	20° 1	11°29	16° 0	5°44	24°38	21° 1	18°59	0°15	9°14	27°32	28°48	19°37	27°40	S 24
M25	6 16 13	3° 8'02	1♌48	13° 3	16°43	6°25	24°45	21° 4	19° 2	0°16	9°13	27°D31	28°44	19°44	27°37	M25
T 26	6 20 9	4° 8'51	13°35	14°35	17°24	7° 5	24°52	21° 7	19° 5	0°16	9°12	27°32	28°41	19°50	27°35	T 26
W27	6 24 6	5° 9'42	25°27	16° 8	18° 5	7°46	24°59	21°11	19° 8	0°17	9°11	27°34	28°38	19°57	27°33	W27
T 28	6 28 3	6°10'33	7♍26	17°41	18°44	8°26	25° 7	21°14	19°10	0°18	9°10	27°36	28°35	20° 4	27°31	T 28
F 29	6 31 59	7°11'26	19°38	19°14	19°22	9° 7	25°15	21°17	19°13	0°18	9° 9	27°37	28°32	20°10	27°29	F 29
S 30	6 35 56	8°12'20	2♎ 6	20°47	19°59	9°47	25°22	21°21	19°16	0°19	9° 8	27°38	28°29	20°17	27°27	S 30
S 31	6 39 52	9♑13'15	14♎54	22♑19	20♒35	10♐28	25♓30	21♓25	19♒19	0♈19	9♌ 7	27°R38	28♋25	20♋23	27♉25	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	21s39	10n36	3n28	20s52	0n11	24s 3	3s17	17s21	0n24	4s 1	1s15	5s39	1s59	15s56	0s40	0s50	1s 1	18n24	0n40	20n17	20n 1	21n 3	16n22	3s27	F 1
S 2	21 48	6 25	4 13	21 15	0 4	23 51	3 16	17 32	0 23	4 0	1 15	5 39	1 59	15 56	0 40	0 50	1 1	18 24	0 40	20 17	20 2	21 4	16 21	3 27	S 2
S 3	21 56	1 50	4 46	21 38	0s 2	23 38	3 14	17 42	0 23	3 59	1 15	5 38	1 58	15 55	0 40	0 51	1 1	18 24	0 40	20 18	20 2	21 4	16 21	3 27	S 3
M 4	22 4	2s59	5 5	21 59	0 9	23 25	3 13	17 53	0 22	3 57	1 15	5 38	1 58	15 55	0 40	0 51	1 1	18 24	0 40	20 19	20 3	21 4	16 20	3 27	M 4
T 5	22 12	7 49	5 8	22 19	0 16	23 11	3 11	18 4	0 22	3 56	1 15	5 37	1 58	15 54	0 40	0 51	1 1	18 25	0 40	20 20	20 4	21 4	16 19	3 27	T 5
W 6	22 20	12 24	4 51	22 38	0 23	22 57	3 9	18 14	0 21	3 54	1 14	5 36	1 58	15 53	0 40	0 51	1 1	18 25	0 40	20 21	20 4	21 4	16 19	3 27	W 6
T 7	22 27	16 22	4 16	22 55	0 29	22 43	3 7	18 24	0 20	3 52	1 14	5 36	1 58	15 53	0 40	0 51	1 1	18 25	0 40	20 23	20 5	21 4	16 18	3 27	T 7
F 8	22 33	19 21	3 22	23 12	0 36	22 28	3 5	18 34	0 20	3 51	1 14	5 35	1 58	15 52	0 40	0 51	1 1	18 25	0 40	20 24	20 6	21 4	16 18	3 27	F 8
S 9	22 39	21 2	2 14	23 27	0 42	22 12	3 3	18 44	0 19	3 49	1 14	5 34	1 57	15 51	0 40	0 51	1 1	18 26	0 40	20 25	20 6	21 4	16 17	3 27	S 9
S 10	22 45	21 12	0 56	23 42	0 49	21 57	3 0	18 54	0 19	3 47	1 14	5 33	1 57	15 51	0 40	0 51	1 1	18 26	0 41	20 25	20 7	21 4	16 16	3 27	S 10
M11	22 50	19 52	0s24	23 54	0 55	21 41	2 57	19 4	0 18	3 45	1 13	5 33	1 57	15 50	0 40	0 51	1 1	18 26	0 41	20 25	20 8	21 4	16 16	3 27	M11
T 12	22 55	17 14	1 42	24 6	1 1	21 24	2 54	19 14	0 18	3 43	1 13	5 32	1 57	15 49	0 40	0 51	1 1	18 26	0 41	20 25	20 8	21 4	16 15	3 27	T 12
W13	22 59	13 37	2 52	24 17	1 7	21 8	2 51	19 23	0 17	3 40	1 13	5 31	1 57	15 49	0 40	0 51	1 1	18 27	0 41	20 25	20 9	21 3	16 15	3 27	W13
T 14	23 3	9 19	3 49	24 26	1 12	20 51	2 47	19 32	0 17	3 38	1 13	5 30	1 57	15 48	0 40	0 51	1 1	18 27	0 41	20 25	20 10	21 3	16 14	3 27	T 14
F 15	23 6	4 41	4 33	24 34	1 18	20 34	2 44	19 41	0 16	3 36	1 13	5 29	1 57	15 47	0 40	0 51	1 1	18 27	0 41	20 25	20 10	21 3	16 14	3 27	F 15
S 16	23 9	0n 4	5 0	24 40	1 23	20 16	2 40	19 50	0 16	3 34	1 12	5 28	1 56	15 46	0 40	0 51	1 1	18 28	0 41	20 25	20 11	21 3	16 13	3 27	S 16
S 17	23 12	4 43	5 12	24 46	1 28	19 58	2 35	19 59	0 15	3 31	1 12	5 27	1 56	15 46	0 40	0 50	1 1	18 28	0 41	20 26	20 12	21 3	16 12	3 27	S 17
M18	23 14	9 4	5 8	24 50	1 34	19 40	2 31	20 8	0 15	3 29	1 12	5 26	1 56	15 45	0 40	0 50	1 1	18 28	0 41	20 26	20 12	21 3	16 12	3 27	M18
T 19	23 15	12 57	4 50	24 52	1 38	19 22	2 26	20 16	0 14	3 26	1 12	5 25	1 56	15 44	0 40	0 50	1 1	18 28	0 41	20 28	20 13	21 3	16 11	3 27	T 19
W20	23 16	16 15	4 18	24 54	1 43	19 4	2 21	20 25	0 13	3 24	1 12	5 23	1 56	15 43	0 40	0 50	1 1	18 29	0 41	20 29	20 14	21 3	16 11	3 27	W20
T 21	23 17	18 48	3 35	24 54	1 47	18 45	2 16	20 33	0 13	3 21	1 11	5 22	1 56	15 43	0 40	0 50	1 1	18 29	0 41	20 30	20 14	21 3	16 10	3 27	T 21
F 22	23 17	20 31	2 43	24 52	1 51	18 27	2 10	20 41	0 12	3 18	1 11	5 21	1 55	15 42	0 40	0 50	1 1	18 29	0 41	20 30	20 15	21 3	16 10	3 27	F 22
S 23	23 17	21 18	1 44	24 50	1 55	18 8	2 4	20 49	0 12	3 15	1 11	5 20	1 55	15 41	0 40	0 50	1 0	18 30	0 42	20 31	20 16	21 3	16 9	3 27	S 23
S 24	23 16	21 7	0 41	24 46	1 59	17 49	1 58	20 57	0 11	3 12	1 11	5 18	1 55	15 40	0 40	0 49	1 0	18 30	0 42	20 31	20 16	21 3	16 9	3 27	S 24
M25	23 15	20 1	0n24	24 41	2 2	17 30	1 52	21 4	0 11	3 9	1 11	5 17	1 55	15 39	0 40	0 49	1 0	18 30	0 42	20 31	20 17	21 3	16 8	3 27	M25
T 26	23 13	18 2	1 28	24 34	2 5	17 11	1 45	21 11	0 10	3 6	1 10	5 16	1 55	15 38	0 40	0 49	1 0	18 31	0 42	20 31	20 17	21 3	16 8	3 27	T 26
W27	23 11	15 17	2 28	24 26	2 8	16 52	1 38	21 19	0 9	3 3	1 10	5 14	1 55	15 37	0 40	0 49	1 0	18 31	0 42	20 31	20 18	21 3	16 8	3 27	W27
T 28	23 9	11 52	3 23	24 17	2 10	16 33	1 31	21 26	0 9	3 0	1 10	5 13	1 55	15 37	0 40	0 49	1 0	18 31	0 42	20 31	20 19	21 3	16 7	3 27	T 28
F 29	23 6	7 55	4 10	24 6	2 12	16 14	1 23	21 32	0 8	2 57	1 10	5 11	1 54	15 36	0 40	0 48	1 0	18 32	0 42	20 30	20 19	21 2	16 7	3 27	F 29
S 30	23 2	3 33	4 46	23 54	2 14	15 55	1 15	21 39	0 8	2 54	1 10	5 10	1 54	15 35	0 40	0 48	1 0	18 32	0 42	20 30	20 20	21 2	16 6	3 27	S 30
S 31	22s58	1s 5	5n 9	23s40	2s15	15s35	1s 7	21s46	0n 7	2s50	1s10	5s 8	1s54	15s34	0s40	0s48	1s 0	18n32	0n42	20n30	20n21	21n 2	16n 6	3s27	S 31

Julian Day Number = 2879943.5, Delta T = 01h15m13s
Ecliptic obliquity = 23°17'10, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°09'58, Lahiri = 40°16'59

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ASTRODIENST EPHEMERIS for the year 3173
geocentric

JANUARY 3173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 43 49	10♑14'11	28♎ 8	23♑51	21♒ 9	11♐ 9	25♓38	21♓28	19♒22	0♈20	9°R 5	27°R37	28♋22	20♋30	27°R23	M 1
T 2	6 47 45	11°15'09	11♏48	25°23	21°42	11°49	25°47	21°32	19°25	0°21	9♌ 4	27♋36	28°19	20°37	27♉21	T 2
W 3	6 51 42	12°16'07	25°57	26°55	22°13	12°30	25°55	21°36	19°28	0°22	9° 3	27°34	28°16	20°43	27°19	W 3
T 4	6 55 38	13°17'07	10♐31	28°26	22°43	13°11	26° 4	21°40	19°31	0°22	9° 2	27°32	28°13	20°50	27°17	T 4
F 5	6 59 35	14°18'07	25°27	29°56	23°11	13°51	26°12	21°44	19°34	0°23	9° 1	27°30	28°10	20°57	27°15	F 5
S 6	7 3 32	15°19'08	10♑37	1♒26	23°37	14°32	26°21	21°49	19°37	0°24	9° 0	27°29	28° 6	21° 3	27°13	S 6
S 7	7 7 28	16°20'10	25°52	2°55	24° 2	15°13	26°30	21°53	19°40	0°25	8°59	27°D29	28° 3	21°10	27°12	S 7
M 8	7 11 25	17°21'13	11♒ 0	4°23	24°25	15°54	26°39	21°57	19°43	0°26	8°57	27°29	28° 0	21°17	27°10	M 8
T 9	7 15 21	18°22'15	25°54	5°50	24°46	16°35	26°49	22° 2	19°46	0°27	8°56	27°29	27°57	21°23	27° 8	T 9
W10	7 19 18	19°23'18	10♓27	7°16	25° 5	17°16	26°58	22° 6	19°49	0°28	8°55	27°30	27°54	21°30	27° 7	W10
T 11	7 23 14	20°24'22	24°35	8°40	25°22	17°57	27° 8	22°11	19°52	0°29	8°54	27°31	27°50	21°37	27° 5	T 11
F 12	7 27 11	21°25'25	8♈16	10° 2	25°36	18°38	27°17	22°15	19°56	0°30	8°53	27°31	27°47	21°43	27° 4	F 12
S 13	7 31 7	22°26'28	21°32	11°21	25°49	19°19	27°27	22°20	19°59	0°31	8°51	27°R31	27°44	21°50	27° 3	S 13
S 14	7 35 4	23°27'32	4♉25	12°38	26° 0	20° 0	27°37	22°25	20° 2	0°32	8°50	27°31	27°41	21°57	27° 1	S 14
M15	7 39 1	24°28'36	16°58	13°51	26° 8	20°41	27°47	22°30	20° 5	0°33	8°49	27°31	27°38	22° 3	27° 0	M15
T 16	7 42 57	25°29'40	29°16	15° 1	26°14	21°22	27°57	22°35	20° 9	0°34	8°48	27°31	27°35	22°10	26°59	T 16
W17	7 46 54	26°30'43	11♊21	16° 6	26°17	22° 3	28° 7	22°40	20°12	0°36	8°46	27°31	27°31	22°16	26°58	W17
T 18	7 50 50	27°31'47	23°18	17° 6	26°R18	22°44	28°18	22°45	20°15	0°37	8°45	27°D31	27°28	22°23	26°57	T 18
F 19	7 54 47	28°32'52	5♋ 9	18° 0	26°17	23°25	28°28	22°50	20°19	0°38	8°44	27°31	27°25	22°30	26°55	F 19
S 20	7 58 43	29°33'56	16°57	18°47	26°13	24° 7	28°39	22°55	20°22	0°39	8°43	27°31	27°22	22°36	26°54	S 20
S 21	8 2 40	0♒35'00	28°45	19°26	26° 6	24°48	28°50	23° 1	20°25	0°41	8°41	27°R31	27°19	22°43	26°54	S 21
M22	8 6 36	1°36'04	10♌34	19°57	25°58	25°29	29° 1	23° 6	20°29	0°42	8°40	27°31	27°16	22°50	26°53	M22
T 23	8 10 33	2°37'08	22°27	20°19	25°46	26°10	29°12	23°12	20°32	0°44	8°39	27°30	27°12	22°56	26°52	T 23
W24	8 14 30	3°38'13	4♍26	20°30	25°32	26°52	29°23	23°17	20°35	0°45	8°37	27°30	27° 9	23° 3	26°51	W24
T 25	8 18 26	4°39'17	16°34	20°R30	25°16	27°33	29°34	23°23	20°39	0°46	8°36	27°29	27° 6	23°10	26°50	T 25
F 26	8 22 23	5°40'22	28°52	20°18	24°57	28°15	29°45	23°28	20°42	0°48	8°35	27°28	27° 3	23°16	26°50	F 26
S 27	8 26 19	6°41'26	11♎23	19°55	24°36	28°56	29°56	23°34	20°46	0°49	8°34	27°27	27° 0	23°23	26°49	S 27
S 28	8 30 16	7°42'31	24°11	19°20	24°12	29°37	0♈ 8	23°40	20°49	0°51	8°32	27°26	26°56	23°30	26°49	S 28
M29	8 34 12	8°43'36	7♏19	18°33	23°47	0♑19	0°19	23°46	20°53	0°52	8°31	27°D25	26°53	23°36	26°48	M29
T 30	8 38 9	9°44'41	20°49	17°37	23°19	1° 0	0°31	23°51	20°56	0°54	8°30	27°26	26°50	23°43	26°48	T 30
W31	8 42 5	10♒45'47	4♐43	16♒31	22♒50	1♑42	0♈43	23♓57	21♒ 0	0♈56	8♌28	27♋26	26♋47	23♋50	26♉47	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	22s54	5s48	5n17	23s26	2s16	15s16	0s58	21s52	0n 6	2s47	1s 9	5s 7	1s54	15s33	0s40	0s47	1s 0	18n33	0n42	20n30	20n21	21n 2	16n 6	3s27	
T 2	22 49	10 24	5 7	23 10	2 16	14 57	0 49	21 58	0 6	2 44	1 9	5 5	1 54	15 32	0 40	0 47	1 0	18 33	0 42	20 31	20 22	21 2	16 5	3 26	
W 3	22 43	14 36	4 39	22 52	2 16	14 39	0 40	22 4	0 5	2 40	1 9	5 3	1 54	15 31	0 40	0 47	1 0	18 34	0 42	20 31	20 23	21 2	16 5	3 26	
T 4	22 38	18 3	3 52	22 33	2 16	14 20	0 30	22 10	0 5	2 37	1 9	5 2	1 54	15 30	0 40	0 46	1 0	18 34	0 42	20 31	20 23	21 2	16 5	3 26	
F 5	22 31	20 24	2 49	22 14	2 15	14 1	0 20	22 15	0 4	2 33	1 9	5 0	1 54	15 29	0 40	0 46	1 0	18 34	0 43	20 32	20 24	21 2	16 4	3 26	
S 6	22 25	21 20	1 32	21 52	2 13	13 43	0 10	22 20	0 3	2 29	1 8	4 58	1 53	15 28	0 40	0 46	1 0	18 35	0 43	20 32	20 24	21 1	16 4	3 26	
S 7	22 18	20 42	0 9	21 30	2 11	13 25	0n 1	22 26	0 3	2 26	1 8	4 56	1 53	15 27	0 40	0 45	1 0	18 35	0 43	20 32	20 25	21 1	16 4	3 26	
M 8	22 10	18 33	1s14	21 7	2 8	13 7	0 12	22 31	0 2	2 22	1 8	4 54	1 53	15 26	0 40	0 45	1 0	18 35	0 43	20 32	20 26	21 1	16 3	3 26	
T 9	22 2	15 11	2 32	20 42	2 4	12 49	0 23	22 35	0 1	2 18	1 8	4 53	1 53	15 25	0 40	0 45	1 0	18 36	0 43	20 32	20 26	21 1	16 3	3 26	
W10	21 54	10 57	3 37	20 17	2 0	12 32	0 35	22 40	0 1	2 14	1 8	4 51	1 53	15 24	0 40	0 44	1 0	18 36	0 43	20 32	20 27	21 1	16 3	3 26	
T 11	21 45	6 14	4 27	19 50	1 55	12 15	0 47	22 44	0 0	2 10	1 8	4 49	1 53	15 23	0 40	0 44	1 0	18 37	0 43	20 31	20 28	21 1	16 3	3 26	
F 12	21 36	1 21	5 0	19 23	1 50	11 58	1 0	22 49	0s 0	2 6	1 8	4 47	1 53	15 22	0 40	0 43	1 0	18 37	0 43	20 31	20 28	21 0	16 2	3 26	
S 13	21 26	3n27	5 16	18 55	1 43	11 42	1 12	22 53	0 1	2 2	1 7	4 45	1 53	15 21	0 40	0 43	1 0	18 37	0 43	20 31	20 29	21 0	16 2	3 26	
S 14	21 16	7 57	5 16	18 27	1 36	11 26	1 26	22 56	0 2	1 58	1 7	4 43	1 52	15 20	0 40	0 42	1 0	18 38	0 43	20 31	20 30	21 0	16 2	3 25	
M15	21 5	12 0	5 0	17 58	1 28	11 10	1 39	23 0	0 2	1 54	1 7	4 41	1 52	15 19	0 40	0 42	1 0	18 38	0 43	20 31	20 30	21 0	16 2	3 25	
T 16	20 54	15 27	4 31	17 29	1 18	10 56	1 53	23 3	0 3	1 50	1 7	4 39	1 52	15 18	0 40	0 41	1 0	18 39	0 43	20 31	20 31	21 0	16 2	3 25	
W17	20 43	18 12	3 50	17 0	1 8	10 41	2 7	23 7	0 4	1 46	1 7	4 37	1 52	15 17	0 40	0 41	1 0	18 39	0 43	20 32	20 31	21 0	16 1	3 25	
T 18	20 31	20 8	2 59	16 31	0 57	10 27	2 21	23 10	0 4	1 42	1 7	4 35	1 52	15 16	0 40	0 40	1 0	18 39	0 43	20 32	20 32	20 59	16 1	3 25	
F 19	20 19	21 10	2 1	16 3	0 44	10 14	2 36	23 12	0 5	1 37	1 6	4 32	1 52	15 15	0 40	0 40	1 0	18 40	0 44	20 32	20 33	20 59	16 1	3 25	
S 20	20 7	21 15	0 58	15 35	0 31	10 1	2 50	23 15	0 6	1 33	1 6	4 30	1 52	15 14	0 40	0 39	1 0	18 40	0 44	20 31	20 33	20 59	16 1	3 25	
S 21	19 54	20 23	0n 7	15 9	0 17	9 49	3 5	23 17	0 6	1 29	1 6	4 28	1 52	15 13	0 40	0 39	1 0	18 41	0 44	20 31	20 34	20 59	16 1	3 25	
M22	19 41	18 38	1 12	14 45	0 1	9 38	3 21	23 20	0 7	1 24	1 6	4 26	1 52	15 12	0 40	0 38	1 0	18 41	0 44	20 32	20 34	20 59	16 1	3 25	
T 23	19 27	16 3	2 14	14 23	0n15	9 27	3 36	23 22	0 8	1 20	1 6	4 24	1 52	15 11	0 39	0 38	1 0	18 41	0 44	20 32	20 35	20 58	16 1	3 25	
W24	19 13	12 47	3 11	14 3	0 33	9 18	3 51	23 23	0 8	1 15	1 6	4 21	1 51	15 10	0 39	0 37	1 0	18 42	0 44	20 32	20 36	20 58	16 1	3 24	
T 25	18 59	8 58	4 0	13 46	0 51	9 8	4 7	23 25	0 9	1 11	1 6	4 19	1 51	15 8	0 39	0 36	1 0	18 42	0 44	20 32	20 36	20 58	16 1	3 24	
F 26	18 44	4 43	4 39	13 32	1 9	9 0	4 22	23 26	0 10	1 6	1 6	4 17	1 51	15 7	0 39	0 36	1 0	18 43	0 44	20 32	20 37	20 58	16 1	3 24	
S 27	18 29	0 13	5 5	13 21	1 28	8 53	4 37	23 27	0 10	1 1	1 5	4 15	1 51	15 6	0 39	0 35	1 0	18 43	0 44	20 32	20 38	20 57	16 1	3 24	
S 28	18 14	4s24	5 17	13 14	1 47	8 46	4 52	23 28	0 11	0 57	1 5	4 12	1 51	15 5	0 39	0 35	1 0	18 43	0 44	20 32	20 38	20 57	16 1	3 24	
M29	17 58	8 56	5 13	13 11	2 5	8 40	5 7	23 29	0 12	0 52	1 5	4 10	1 51	15 4	0 39	0 34	1 0	18 44	0 44	20 33	20 39	20 57	16 1	3 24	
T 30	17 42	13 9	4 51	13 12	2 22	8 35	5 22	23 29	0 12	0 47	1 5	4 7	1 51	15 3	0 39	0 33	1 0	18 44	0 44	20 33	20 39	20 57	16 1	3 24	
W31	17s25	16s48	4n13	13s16	2n38	8s31	5n36	23s30	0s13	0s43	1s 5	4s 5	1s51	15s 2	0s39	0s33	1s 0	18n45	0n44	20n32	20n40	20n56	16n 1	3s24	

Julian Day Number = 2879974.5, Delta T = 01h15m14s
Ecliptic obliquity = 23°17'10, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°10'02, Lahiri = 40°17'03

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ASTRODIENST EPHEMERIS for the year 3173
geocentric

FEBRUARY 3173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 46 2	11♒46'52	19♐ 0	15°R19	22°R19	2♑24	0♈55	24♓ 3	21♒ 3	0♈57	8°R27	27♋27	26♋44	23♋56	26°R47	T 1
F 2	8 49 59	12°47'57	3♑40	14♒ 2	21♒46	3° 5	1° 7	24° 9	21° 7	0°59	8♌26	27°29	26°41	24° 3	26♉47	F 2
S 3	8 53 55	13°49'02	18°37	12°43	21°13	3°47	1°19	24°16	21°10	1° 1	8°25	27°29	26°37	24° 9	26°47	S 3
S 4	8 57 52	14°50'07	3♒44	11°25	20°38	4°28	1°31	24°22	21°14	1° 2	8°23	27°R29	26°34	24°16	26°47	S 4
M 5	9 1 48	15°51'12	18°52	10° 9	20° 2	5°10	1°43	24°28	21°17	1° 4	8°22	27°29	26°31	24°23	26°D47	M 5
T 6	9 5 45	16°52'16	3♓53	8°58	19°25	5°52	1°55	24°34	21°21	1° 6	8°21	27°27	26°28	24°29	26°47	T 6
W 7	9 9 41	17°53'19	18°37	7°53	18°49	6°34	2° 8	24°40	21°24	1° 7	8°19	27°24	26°25	24°36	26°47	W 7
T 8	9 13 38	18°54'22	2♈57	6°57	18°12	7°15	2°20	24°47	21°28	1° 9	8°18	27°21	26°22	24°43	26°47	T 8
F 9	9 17 34	19°55'24	16°51	6° 8	17°35	7°57	2°33	24°53	21°31	1°11	8°17	27°18	26°18	24°49	26°47	F 9
S 10	9 21 31	20°56'25	0♉16	5°29	16°59	8°39	2°45	25° 0	21°35	1°13	8°16	27°16	26°15	24°56	26°47	S 10
S 11	9 25 28	21°57'25	13°15	5° 0	16°23	9°21	2°58	25° 6	21°38	1°15	8°14	27°14	26°12	25° 3	26°48	S 11
M12	9 29 24	22°58'24	25°50	4°39	15°48	10° 3	3°11	25°13	21°42	1°17	8°13	27°D14	26° 9	25° 9	26°48	M12
T 13	9 33 21	23°59'22	8♊ 7	4°27	15°14	10°45	3°24	25°19	21°45	1°18	8°12	27°15	26° 6	25°16	26°49	T 13
W14	9 37 17	25° 0'20	20° 8	4°D24	14°42	11°27	3°37	25°26	21°49	1°20	8°11	27°16	26° 2	25°23	26°49	W14
T 15	9 41 14	26° 1'16	2♋ 1	4°28	14°11	12° 9	3°49	25°33	21°52	1°22	8° 9	27°18	25°59	25°29	26°50	T 15
F 16	9 45 10	27° 2'11	13°48	4°40	13°42	12°51	4° 3	25°39	21°56	1°24	8° 8	27°20	25°56	25°36	26°50	F 16
S 17	9 49 7	28° 3'06	25°35	4°58	13°15	13°33	4°16	25°46	22° 0	1°26	8° 7	27°R21	25°53	25°42	26°51	S 17
S 18	9 53 3	29° 3'59	7♌24	5°23	12°49	14°15	4°29	25°53	22° 3	1°28	8° 6	27°20	25°50	25°49	26°52	S 18
M19	9 57 0	0♓ 4'51	19°18	5°54	12°26	14°57	4°42	25°59	22° 7	1°30	8° 5	27°18	25°47	25°56	26°53	M19
T 20	10 0 57	1° 5'42	1♍20	6°30	12° 5	15°39	4°55	26° 6	22°10	1°32	8° 3	27°14	25°43	26° 2	26°53	T 20
W21	10 4 53	2° 6'33	13°32	7°10	11°47	16°21	5° 9	26°13	22°14	1°34	8° 2	27° 9	25°40	26° 9	26°54	W21
T 22	10 8 50	3° 7'22	25°53	7°55	11°31	17° 3	5°22	26°20	22°17	1°36	8° 1	27° 2	25°37	26°16	26°55	T 22
F 23	10 12 46	4° 8'10	8♎26	8°44	11°17	17°45	5°36	26°27	22°21	1°38	8° 0	26°55	25°34	26°22	26°56	F 23
S 24	10 16 43	5° 8'58	21°11	9°36	11° 6	18°28	5°49	26°34	22°24	1°40	7°59	26°49	25°31	26°29	26°57	S 24
S 25	10 20 39	6° 9'44	4♏10	10°32	10°57	19°10	6° 3	26°41	22°27	1°43	7°58	26°43	25°27	26°36	26°59	S 25
M26	10 24 36	7°10'30	17°22	11°30	10°51	19°52	6°16	26°48	22°31	1°45	7°57	26°40	25°24	26°42	27° 0	M26
T 27	10 28 32	8°11'15	0♐50	12°32	10°47	20°35	6°30	26°55	22°34	1°47	7°55	26°38	25°21	26°49	27° 1	T 27
W28	10 32 29	9♓11'59	14♐35	13♒36	10°D46	21♑17	6♈44	27♓ 2	22♒38	1♈49	7♌54	26°D38	25♋18	26♋56	27♉ 2	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s 9	19s33	3n18	13s24	2n52	8s27	5n50	23s30	0s14	0s38	1s 5	4s 3	1s51	15s 1	0s39	0s32	1s 0	18n45	0n44	20n32	20n41	20n56	16n 1	3s23
F 2	16 52	21 6	2 8	13 34	3 4	8 24	6 4	23 30	0 15	0 33	1 5	4 0	1 51	15 0	0 39	0 31	1 0	18 45	0 44	20 32	20 41	20 56	16 1	3 23
S 3	16 34	21 12	0 49	13 47	3 14	8 23	6 17	23 29	0 15	0 28	1 5	3 58	1 51	14 59	0 39	0 31	1 0	18 46	0 44	20 32	20 42	20 55	16 1	3 23
S 4	16 17	19 45	0s34	14 1	3 21	8 22	6 29	23 29	0 16	0 23	1 4	3 55	1 51	14 57	0 39	0 30	1 0	18 46	0 45	20 32	20 42	20 55	16 1	3 23
M 5	15 59	16 54	1 56	14 17	3 26	8 21	6 41	23 28	0 17	0 18	1 4	3 53	1 50	14 56	0 39	0 29	0 59	18 47	0 45	20 32	20 43	20 55	16 1	3 23
T 6	15 41	12 57	3 8	14 33	3 28	8 22	6 52	23 27	0 17	0 13	1 4	3 50	1 50	14 55	0 39	0 29	0 59	18 47	0 45	20 32	20 44	20 55	16 1	3 23
W 7	15 22	8 15	4 6	14 50	3 28	8 23	7 2	23 26	0 18	0 8	1 4	3 48	1 50	14 54	0 39	0 28	0 59	18 47	0 45	20 33	20 44	20 54	16 1	3 23
T 8	15 4	3 14	4 47	15 6	3 25	8 25	7 12	23 24	0 19	0 3	1 4	3 45	1 50	14 53	0 39	0 27	0 59	18 48	0 45	20 33	20 45	20 54	16 2	3 23
F 9	14 45	1n48	5 10	15 22	3 21	8 28	7 20	23 23	0 20	0n 2	1 4	3 42	1 50	14 52	0 39	0 27	0 59	18 48	0 45	20 34	20 45	20 54	16 2	3 22
S 10	14 26	6 34	5 15	15 37	3 15	8 31	7 28	23 21	0 20	0 7	1 4	3 40	1 50	14 51	0 39	0 26	0 59	18 48	0 45	20 34	20 46	20 53	16 2	3 22
S 11	14 6	10 53	5 3	15 52	3 8	8 35	7 35	23 19	0 21	0 12	1 4	3 37	1 50	14 50	0 39	0 25	0 59	18 49	0 45	20 35	20 47	20 53	16 2	3 22
M12	13 46	14 36	4 37	16 5	2 59	8 39	7 41	23 16	0 22	0 17	1 4	3 35	1 50	14 48	0 39	0 24	0 59	18 49	0 45	20 35	20 47	20 53	16 2	3 22
T 13	13 26	17 35	3 59	16 17	2 49	8 44	7 46	23 14	0 23	0 22	1 4	3 32	1 50	14 47	0 39	0 24	0 59	18 50	0 45	20 35	20 48	20 52	16 3	3 22
W14	13 6	19 45	3 11	16 28	2 39	8 49	7 50	23 11	0 23	0 27	1 3	3 29	1 50	14 46	0 39	0 23	0 59	18 50	0 45	20 34	20 48	20 52	16 3	3 22
T 15	12 46	21 1	2 15	16 37	2 28	8 54	7 53	23 8	0 24	0 32	1 3	3 27	1 50	14 45	0 39	0 22	0 59	18 50	0 45	20 34	20 49	20 52	16 3	3 22
F 16	12 25	21 21	1 14	16 45	2 17	9 0	7 56	23 5	0 25	0 38	1 3	3 24	1 50	14 44	0 40	0 21	0 59	18 51	0 45	20 34	20 50	20 51	16 3	3 22
S 17	12 5	20 44	0 10	16 52	2 6	9 6	7 57	23 2	0 26	0 43	1 3	3 21	1 50	14 43	0 40	0 20	0 59	18 51	0 45	20 33	20 50	20 51	16 4	3 21
S 18	11 44	19 11	0n55	16 57	1 55	9 12	7 58	22 58	0 26	0 48	1 3	3 19	1 50	14 42	0 40	0 20	0 59	18 51	0 45	20 34	20 51	20 51	16 4	3 21
M19	11 22	16 48	1 57	17 1	1 43	9 18	7 58	22 54	0 27	0 54	1 3	3 16	1 50	14 41	0 40	0 19	0 59	18 52	0 45	20 34	20 51	20 50	16 4	3 21
T 20	11 1	13 40	2 55	17 3	1 32	9 25	7 57	22 50	0 28	0 59	1 3	3 13	1 50	14 39	0 40	0 18	0 59	18 52	0 46	20 35	20 52	20 50	16 4	3 21
W21	10 39	9 55	3 46	17 4	1 20	9 31	7 55	22 46	0 29	1 4	1 3	3 10	1 50	14 38	0 40	0 17	0 59	18 53	0 46	20 36	20 52	20 50	16 5	3 21
T 22	10 18	5 42	4 26	17 4	1 9	9 38	7 53	22 42	0 30	1 9	1 3	3 8	1 50	14 37	0 40	0 16	0 59	18 53	0 46	20 37	20 53	20 49	16 5	3 21
F 23	9 56	1 12	4 55	17 2	0 58	9 44	7 50	22 37	0 30	1 15	1 3	3 5	1 50	14 36	0 40	0 16	0 59	18 53	0 46	20 38	20 54	20 49	16 5	3 21
S 24	9 34	3s26	5 9	16 59	0 47	9 50	7 47	22 32	0 31	1 20	1 3	3 2	1 50	14 35	0 40	0 15	0 59	18 54	0 46	20 40	20 54	20 49	16 6	3 21
S 25	9 12	7 59	5 8	16 54	0 36	9 57	7 43	22 27	0 32	1 26	1 3	2 59	1 50	14 34	0 40	0 14	0 59	18 54	0 46	20 41	20 55	20 48	16 6	3 20
M26	8 49	12 15	4 51	16 48	0 26	10 3	7 38	22 22	0 33	1 31	1 2	2 57	1 50	14 33	0 40	0 13	0 59	18 54	0 46	20 41	20 55	20 48	16 7	3 20
T 27	8 27	16 0	4 17	16 41	0 16	10 8	7 33	22 16	0 33	1 37	1 2	2 54	1 50	14 32	0 40	0 12	0 59	18 55	0 46	20 42	20 56	20 47	16 7	3 20
W28	8s 4	18s57	3n28	16s33	0n 6	10s14	7n27	22s11	0s34	1n42	1s 2	2s51	1s50	14s31	0s40	0s11	0s59	18n55	0n46	20n42	20n56	20n47	16n 7	3s20

Julian Day Number = 2880005.5, Delta T = 01h15m14s
Ecliptic obliquity = 23°17'11, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°10'07, Lahiri = 40°17'07

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ASTRODIENST EPHEMERIS for the year 3173
geocentric

MARCH 3173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 36 26	10♓12'42	28♐36	14♒42	10♒47	21♑59	6♈58	27♓ 9	22♒41	1♈51	7°R53	26♋39	25♋15	27♋ 2	27♌ 4	T 1
F 2	10 40 22	11°13'25	12♑55	15°51	10°51	22°42	7°11	27°16	22°45	1°53	7♎52	26°40	25°12	27° 9	27° 5	F 2
S 3	10 44 19	12°14'06	27°28	17° 1	10°57	23°24	7°25	27°23	22°48	1°55	7°51	26°R41	25° 8	27°15	27° 7	S 3
S 4	10 48 15	13°14'46	12♒13	18°14	11° 5	24° 7	7°39	27°31	22°51	1°58	7°50	26°40	25° 5	27°22	27° 8	S 4
M 5	10 52 12	14°15'25	27° 3	19°28	11°15	24°49	7°53	27°38	22°55	2° 0	7°49	26°36	25° 2	27°29	27°10	M 5
T 6	10 56 8	15°16'03	11♓51	20°43	11°28	25°32	8° 7	27°45	22°58	2° 2	7°48	26°31	24°59	27°35	27°12	T 6
W 7	11 0 5	16°16'39	26°29	22° 1	11°43	26°14	8°21	27°52	23° 1	2° 4	7°47	26°23	24°56	27°42	27°13	W 7
T 8	11 4 1	17°17'14	10♈50	23°20	12° 0	26°57	8°35	27°59	23° 5	2° 6	7°46	26°15	24°53	27°49	27°15	T 8
F 9	11 7 58	18°17'48	24°47	24°40	12°18	27°39	8°49	28° 7	23° 8	2° 9	7°45	26° 6	24°49	27°55	27°17	F 9
S 10	11 11 55	19°18'20	8♉18	26° 1	12°39	28°22	9° 3	28°14	23°11	2°11	7°44	25°58	24°46	28° 2	27°19	S 10
S 11	11 15 51	20°18'50	21°22	27°24	13° 2	29° 5	9°18	28°21	23°14	2°13	7°43	25°52	24°43	28° 9	27°21	S 11
M12	11 19 48	21°19'18	4♊ 2	28°48	13°26	29°47	9°32	28°28	23°18	2°15	7°43	25°48	24°40	28°15	27°23	M12
T 13	11 23 44	22°19'45	16°21	0♓13	13°52	0♒30	9°46	28°36	23°21	2°18	7°42	25°47	24°37	28°22	27°25	T 13
W14	11 27 41	23°20'10	28°24	1°40	14°20	1°13	10° 0	28°43	23°24	2°20	7°41	25°D46	24°33	28°29	27°27	W14
T 15	11 31 37	24°20'33	10♋17	3° 7	14°49	1°55	10°15	28°50	23°27	2°22	7°40	25°47	24°30	28°35	27°29	T 15
F 16	11 35 34	25°20'54	22° 4	4°36	15°20	2°38	10°29	28°57	23°30	2°24	7°39	25°R48	24°27	28°42	27°31	F 16
S 17	11 39 30	26°21'13	3♎51	6° 5	15°52	3°21	10°43	29° 5	23°34	2°27	7°38	25°48	24°24	28°48	27°34	S 17
S 18	11 43 27	27°21'31	15°43	7°36	16°26	4° 4	10°58	29°12	23°37	2°29	7°38	25°46	24°21	28°55	27°36	S 18
M19	11 47 23	28°21'46	27°43	9° 8	17° 1	4°47	11°12	29°19	23°40	2°31	7°37	25°41	24°18	29° 2	27°38	M19
T 20	11 51 20	29°22'00	9♍55	10°41	17°37	5°30	11°27	29°27	23°43	2°33	7°36	25°34	24°14	29° 8	27°41	T 20
W21	11 55 17	0♈22'12	22°20	12°15	18°15	6°12	11°41	29°34	23°46	2°36	7°35	25°24	24°11	29°15	27°43	W21
T 22	11 59 13	1°22'22	4♎59	13°50	18°54	6°55	11°55	29°41	23°49	2°38	7°35	25°12	24° 8	29°22	27°45	T 22
F 23	12 3 10	2°22'31	17°53	15°26	19°34	7°38	12°10	29°49	23°52	2°40	7°34	25° 0	24° 5	29°28	27°48	F 23
S 24	12 7 6	3°22'37	0♏59	17° 3	20°15	8°21	12°24	29°56	23°55	2°43	7°33	24°49	24° 2	29°35	27°51	S 24
S 25	12 11 3	4°22'43	14°18	18°42	20°57	9° 4	12°39	0♈ 3	23°57	2°45	7°33	24°38	23°59	29°42	27°53	S 25
M26	12 14 59	5°22'46	27°47	20°21	21°41	9°47	12°53	0°11	24° 0	2°47	7°32	24°31	23°55	29°48	27°56	M26
T 27	12 18 56	6°22'49	11♐26	22° 1	22°25	10°30	13° 8	0°18	24° 3	2°49	7°31	24°26	23°52	29°55	27°58	T 27
W28	12 22 52	7°22'49	25°14	23°43	23°10	11°13	13°23	0°25	24° 6	2°52	7°31	24°23	23°49	0♎ 2	28° 1	W28
T 29	12 26 49	8°22'49	9♑11	25°26	23°56	11°56	13°37	0°32	24° 9	2°54	7°30	24°D23	23°46	0° 8	28° 4	T 29
F 30	12 30 46	9°22'46	23°17	27°10	24°44	12°40	13°52	0°40	24°12	2°56	7°30	24°R23	23°43	0°15	28° 7	F 30
S 31	12 34 42	10♈22'43	7♒31	28♓55	25♒31	13♒23	14♈ 6	0♈47	24♒14	2♈58	7♎29	24♋23	23♋39	0♎21	28♌10	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s41	20s50	2n26	16s23	0s 4	10s20	7n21	22s 5	0s35	1n47	1s 2	2s48	1s50	14s29	0s40	0s11	0s59	18n55	0n46	20n42	20n57	20n47	16n 8	3s20
F 2	7 19	21 26	1 14	16 12	0 13	10 25	7 15	21 59	0 36	1 53	1 2	2 45	1 50	14 28	0 40	0 10	0 59	18 56	0 46	20 41	20 58	20 46	16 8	3 20
S 3	6 56	20 36	0s 4	15 59	0 22	10 29	7 9	21 52	0 37	1 58	1 2	2 42	1 50	14 27	0 40	0 9	0 59	18 56	0 46	20 41	20 58	20 46	16 9	3 20
S 4	6 33	18 21	1 23	15 45	0 31	10 34	7 2	21 46	0 37	2 4	1 2	2 40	1 50	14 26	0 40	0 8	0 59	18 56	0 46	20 41	20 59	20 45	16 9	3 20
M 5	6 9	14 52	2 37	15 30	0 39	10 38	6 55	21 39	0 38	2 9	1 2	2 37	1 50	14 25	0 40	0 7	0 59	18 57	0 46	20 42	20 59	20 45	16 10	3 19
T 6	5 46	10 27	3 39	15 14	0 47	10 42	6 47	21 32	0 39	2 15	1 2	2 34	1 50	14 24	0 40	0 6	0 59	18 57	0 46	20 43	21 0	20 44	16 10	3 19
W 7	5 23	5 28	4 27	14 57	0 55	10 45	6 40	21 25	0 40	2 21	1 2	2 31	1 50	14 23	0 40	0 5	0 59	18 57	0 46	20 44	21 0	20 44	16 11	3 19
T 8	4 59	0 17	4 56	14 38	1 2	10 48	6 32	21 18	0 41	2 26	1 2	2 28	1 50	14 22	0 40	0 4	0 59	18 57	0 46	20 46	21 1	20 44	16 11	3 19
F 9	4 36	4n46	5 7	14 18	1 9	10 51	6 24	21 11	0 42	2 32	1 2	2 25	1 50	14 21	0 40	0 4	0 59	18 58	0 46	20 48	21 2	20 43	16 12	3 19
S 10	4 12	9 26	5 0	13 58	1 16	10 53	6 16	21 3	0 42	2 37	1 2	2 23	1 50	14 20	0 40	0 3	0 59	18 58	0 46	20 49	21 2	20 43	16 12	3 19
S 11	3 49	13 31	4 37	13 35	1 22	10 55	6 8	20 55	0 43	2 43	1 2	2 20	1 50	14 19	0 40	0 2	0 59	18 58	0 47	20 50	21 3	20 42	16 13	3 19
M12	3 25	16 52	4 2	13 12	1 29	10 56	5 59	20 47	0 44	2 48	1 2	2 17	1 50	14 18	0 40	0 1	0 59	18 59	0 47	20 51	21 3	20 42	16 13	3 19
T 13	3 2	19 21	3 16	12 48	1 34	10 57	5 51	20 39	0 45	2 54	1 2	2 14	1 50	14 17	0 40	0 0	0 59	18 59	0 47	20 51	21 4	20 41	16 14	3 19
W14	2 38	20 55	2 22	12 22	1 40	10 57	5 42	20 30	0 46	3 0	1 2	2 11	1 50	14 16	0 40	0n 1	0 59	18 59	0 47	20 51	21 4	20 41	16 14	3 19
T 15	2 14	21 31	1 22	11 55	1 45	10 57	5 34	20 22	0 47	3 5	1 2	2 8	1 50	14 15	0 40	0 2	0 59	18 59	0 47	20 51	21 5	20 40	16 15	3 18
F 16	1 50	21 10	0 20	11 28	1 49	10 57	5 25	20 13	0 47	3 11	1 2	2 5	1 50	14 14	0 40	0 3	0 59	19 0	0 47	20 51	21 6	20 40	16 16	3 18
S 17	1 26	19 52	0n43	10 59	1 53	10 56	5 17	20 4	0 48	3 16	1 2	2 3	1 50	14 13	0 40	0 4	0 59	19 0	0 47	20 51	21 6	20 39	16 16	3 18
S 18	1 3	17 41	1 45	10 29	1 57	10 54	5 8	19 55	0 49	3 22	1 2	2 0	1 50	14 12	0 40	0 4	0 59	19 0	0 47	20 51	21 7	20 39	16 17	3 18
M19	0 39	14 43	2 42	9 58	2 1	10 52	4 59	19 45	0 50	3 28	1 2	1 57	1 50	14 11	0 40	0 5	0 59	19 0	0 47	20 52	21 7	20 38	16 17	3 18
T 20	0 15	11 5	3 33	9 26	2 4	10 50	4 51	19 36	0 51	3 33	1 2	1 54	1 50	14 10	0 40	0 6	0 59	19 1	0 47	20 54	21 8	20 38	16 18	3 18
W21	0n 9	6 55	4 14	8 53	2 7	10 47	4 42	19 26	0 52	3 39	1 1	1 51	1 50	14 9	0 40	0 7	0 59	19 1	0 47	20 55	21 8	20 37	16 19	3 18
T 22	0 33	2 23	4 44	8 18	2 9	10 43	4 33	19 16	0 53	3 44	1 1	1 48	1 50	14 8	0 40	0 8	0 59	19 1	0 47	20 57	21 9	20 37	16 19	3 18
F 23	0 56	2s20	5 0	7 43	2 11	10 40	4 25	19 6	0 53	3 50	1 1	1 45	1 50	14 7	0 40	0 9	0 59	19 1	0 47	21 0	21 9	20 36	16 20	3 18
S 24	1 20	7 2	5 1	7 7	2 13	10 35	4 16	18 56	0 54	3 56	1 1	1 43	1 50	14 6	0 40	0 10	0 59	19 2	0 47	21 2	21 10	20 36	16 20	3 18
S 25	1 44	11 29	4 45	6 30	2 14	10 30	4 8	18 46	0 55	4 1	1 1	1 40	1 50	14 5	0 40	0 11	0 59	19 2	0 47	21 4	21 11	20 35	16 21	3 18
M26	2 7	15 25	4 13	5 52	2 15	10 25	3 59	18 35	0 56	4 7	1 1	1 37	1 50	14 4	0 40	0 12	0 59	19 2	0 47	21 5	21 11	20 35	16 22	3 17
T 27	2 31	18 35	3 27	5 13	2 15	10 19	3 51	18 24	0 57	4 13	1 1	1 34	1 50	14 3	0 40	0 12	0 59	19 2	0 47	21 6	21 12	20 34	16 22	3 17
W28	2 55	20 44	2 28	4 33	2 15	10 12	3 42	18 13	0 58	4 18	1 1	1 31	1 50	14 2	0 40	0 13	0 59	19 2	0 47	21 6	21 12	20 34	16 23	3 17
T 29	3 18	21 39	1 20	3 52	2 14	10 5	3 34	18 2	0 59	4 24	1 1	1 28	1 50	14 1	0 40	0 14	0 59	19 2	0 47	21 6	21 13	20 33	16 24	3 17
F 30	3 42	21 12	0 6	3 10	2 13	9 58	3 26	17 51	0 59	4 29	1 1	1 26	1 50	14 0	0 40	0 15	0 59	19 3	0 47	21 6	21 13	20 33	16 24	3 17
S 31	4n 5	19s23	1s 9	2s27	2s12	9s50	3n17	17s40	1s 0	4n35	1s 1	1s23	1s50	14s 0	0s40	0n16	0s59	19n 3	0n48	21n 6	21n14	20n32	16n25	3s17

Julian Day Number = 2880033.5, Delta T = 01h15m15s
Ecliptic obliquity = 23°17'12, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°10'11, Lahiri = 40°17'11

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ASTRODIENST EPHEMERIS for the year 3173
geocentric

APRIL 3173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 38 39	11♈22'37	21♒51	0♈41	26♒20	14♒ 6	14♈21	0♈54	24♒17	3♈ 1	7°R29	24°R20	23♋36	0♌28	28♉13	S 1
M 2	12 42 35	12°22'30	6♓15	2°28	27°10	14°49	14°35	1° 1	24°20	3° 3	7♌28	24♋15	23°33	0°35	28°16	M 2
T 3	12 46 32	13°22'21	20°38	4°17	28° 0	15°32	14°50	1° 9	24°22	3° 5	7°28	24° 7	23°30	0°41	28°18	T 3
W 4	12 50 28	14°22'11	4♈54	6° 7	28°51	16°16	15° 5	1°16	24°25	3° 7	7°28	23°57	23°27	0°48	28°22	W 4
T 5	12 54 25	15°21'58	18°58	7°58	29°43	16°59	15°19	1°23	24°27	3°10	7°27	23°44	23°24	0°55	28°25	T 5
F 6	12 58 21	16°21'44	2♉44	9°50	0♓35	17°42	15°34	1°30	24°30	3°12	7°27	23°32	23°20	1° 1	28°28	F 6
S 7	13 2 18	17°21'27	16° 9	11°43	1°28	18°25	15°48	1°37	24°32	3°14	7°26	23°20	23°17	1° 8	28°31	S 7
S 8	13 6 15	18°21'09	29°12	13°38	2°22	19° 9	16° 3	1°44	24°35	3°16	7°26	23°10	23°14	1°15	28°34	S 8
M 9	13 10 11	19°20'49	11♊52	15°34	3°16	19°52	16°17	1°51	24°37	3°19	7°26	23° 3	23°11	1°21	28°37	M 9
T 10	13 14 8	20°20'26	24°12	17°31	4°11	20°35	16°32	1°59	24°39	3°21	7°26	22°59	23° 8	1°28	28°40	T 10
W11	13 18 4	21°20'01	6♋17	19°29	5° 6	21°19	16°47	2° 6	24°42	3°23	7°25	22°57	23° 4	1°35	28°44	W11
T 12	13 22 1	22°19'34	18°11	21°28	6° 2	22° 2	17° 1	2°13	24°44	3°25	7°25	22°57	23° 1	1°41	28°47	T 12
F 13	13 25 57	23°19'05	29°59	23°28	6°58	22°45	17°16	2°20	24°46	3°27	7°25	22°56	22°58	1°48	28°50	F 13
S 14	13 29 54	24°18'34	11♌47	25°28	7°55	23°29	17°30	2°27	24°49	3°30	7°25	22°56	22°55	1°55	28°54	S 14
S 15	13 33 50	25°18'00	23°41	27°30	8°52	24°12	17°45	2°34	24°51	3°32	7°25	22°53	22°52	2° 1	28°57	S 15
M16	13 37 47	26°17'24	5♍46	29°32	9°50	24°55	17°59	2°40	24°53	3°34	7°25	22°48	22°49	2° 8	29° 0	M16
T 17	13 41 43	27°16'46	18° 5	1♎35	10°48	25°39	18°14	2°47	24°55	3°36	7°24	22°41	22°45	2°14	29° 4	T 17
W18	13 45 40	28°16'05	0♏41	3°38	11°47	26°22	18°28	2°54	24°57	3°38	7°24	22°31	22°42	2°21	29° 7	W18
T 19	13 49 37	29°15'23	13°35	5°41	12°46	27° 6	18°43	3° 1	24°59	3°40	7°24	22°19	22°39	2°28	29°11	T 19
F 20	13 53 33	0♎14'38	26°48	7°44	13°45	27°49	18°57	3° 8	25° 1	3°42	7°D24	22° 6	22°36	2°34	29°14	F 20
S 21	13 57 30	1°13'52	10♏18	9°47	14°45	28°33	19°11	3°15	25° 3	3°44	7°24	21°53	22°33	2°41	29°18	S 21
S 22	14 1 26	2°13'03	24° 2	11°48	15°45	29°16	19°26	3°21	25° 5	3°46	7°24	21°42	22°30	2°48	29°21	S 22
M23	14 5 23	3°12'13	7♐56	13°49	16°45	29°59	19°40	3°28	25° 6	3°49	7°24	21°34	22°26	2°54	29°25	M23
T 24	14 9 19	4°11'21	21°57	15°48	17°46	0♓43	19°55	3°35	25° 8	3°51	7°25	21°29	22°23	3° 1	29°28	T 24
W25	14 13 16	5°10'27	6♑ 1	17°45	18°47	1°27	20° 9	3°41	25°10	3°53	7°25	21°26	22°20	3° 8	29°32	W25
T 26	14 17 12	6° 9'32	20° 8	19°40	19°49	2°10	20°23	3°48	25°12	3°55	7°25	21°D25	22°17	3°14	29°36	T 26
F 27	14 21 9	7° 8'35	4♒15	21°32	20°51	2°54	20°37	3°54	25°13	3°57	7°25	21°R25	22°14	3°21	29°39	F 27
S 28	14 25 6	8° 7'36	18°21	23°21	21°53	3°38	20°52	4° 1	25°15	3°59	7°25	21°25	22°10	3°28	29°43	S 28
S 29	14 29 2	9° 6'36	2♓26	25° 7	22°55	4°21	21° 6	4° 7	25°16	4° 1	7°25	21°23	22° 7	3°34	29°47	S 29
M30	14 32 59	10♉ 5'34	16♓27	26♉49	23♓58	5♓ 5	21♈20	4♈14	25♒18	4♈ 2	7♌26	21♋19	22♋ 4	3♌41	29♉51	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n28	16s21	2s20	1s43	2s10	9s41	3n 9	17s28	1s 1	4n41	1s 1	1s20	1s50	13s59	0s40	0n17	0s59	19n 3	0n48	21n 7	21n14	20n31	16n26	3s17
M 2	4 52	12 18	3 22	0 58	2 7	9 32	3 1	17 17	1 2	4 46	1 1	1 17	1 51	13 58	0 40	0 18	0 59	19 3	0 48	21 8	21 15	20 31	16 27	3 17
T 3	5 15	7 33	4 12	0 13	2 4	9 23	2 53	17 5	1 3	4 52	1 1	1 14	1 51	13 57	0 40	0 19	0 59	19 3	0 48	21 9	21 15	20 30	16 27	3 17
W 4	5 38	2 25	4 45	0n33	2 1	9 13	2 45	16 53	1 4	4 57	1 1	1 12	1 51	13 56	0 40	0 20	0 59	19 3	0 48	21 11	21 16	20 30	16 28	3 17
T 5	6 1	2n45	5 0	1 21	1 57	9 2	2 37	16 41	1 5	5 3	1 1	1 9	1 51	13 55	0 40	0 20	0 59	19 4	0 48	21 13	21 16	20 29	16 29	3 17
F 6	6 24	7 41	4 57	2 8	1 53	8 52	2 30	16 28	1 6	5 9	1 1	1 6	1 51	13 55	0 40	0 21	0 59	19 4	0 48	21 15	21 17	20 29	16 29	3 17
S 7	6 46	12 8	4 38	2 57	1 48	8 40	2 22	16 16	1 7	5 14	1 1	1 3	1 51	13 54	0 40	0 22	0 59	19 4	0 48	21 17	21 18	20 28	16 30	3 17
S 8	7 9	15 52	4 4	3 46	1 43	8 28	2 14	16 3	1 7	5 20	1 1	1 1	1 51	13 53	0 41	0 23	0 59	19 4	0 48	21 19	21 18	20 27	16 31	3 17
M 9	7 32	18 47	3 19	4 36	1 37	8 16	2 7	15 51	1 8	5 25	1 1	0 58	1 51	13 52	0 41	0 24	0 59	19 4	0 48	21 20	21 19	20 27	16 32	3 17
T 10	7 54	20 44	2 26	5 26	1 30	8 4	1 59	15 38	1 9	5 31	1 1	0 55	1 51	13 51	0 41	0 25	0 59	19 4	0 48	21 21	21 19	20 26	16 32	3 16
W11	8 16	21 41	1 27	6 17	1 23	7 51	1 52	15 25	1 10	5 36	1 2	0 53	1 51	13 51	0 41	0 26	1 0	19 4	0 48	21 21	21 20	20 26	16 33	3 16
T 12	8 38	21 39	0 25	7 8	1 16	7 37	1 45	15 12	1 11	5 42	1 2	0 50	1 51	13 50	0 41	0 26	1 0	19 4	0 48	21 21	21 20	20 25	16 34	3 16
F 13	9 0	20 38	0n37	8 0	1 8	7 23	1 38	14 59	1 12	5 47	1 2	0 47	1 51	13 49	0 41	0 27	1 0	19 5	0 48	21 21	21 21	20 24	16 35	3 16
S 14	9 22	18 43	1 38	8 52	1 0	7 9	1 31	14 45	1 13	5 53	1 2	0 45	1 52	13 49	0 41	0 28	1 0	19 5	0 48	21 21	21 21	20 24	16 35	3 16
S 15	9 44	15 59	2 35	9 44	0 51	6 54	1 24	14 32	1 14	5 58	1 2	0 42	1 52	13 48	0 41	0 29	1 0	19 5	0 48	21 22	21 22	20 23	16 36	3 16
M16	10 5	12 32	3 26	10 36	0 41	6 39	1 17	14 18	1 15	6 4	1 2	0 39	1 52	13 47	0 41	0 30	1 0	19 5	0 48	21 22	21 22	20 22	16 37	3 16
T 17	10 26	8 30	4 8	11 27	0 32	6 23	1 10	14 5	1 16	6 9	1 2	0 37	1 52	13 47	0 41	0 31	1 0	19 5	0 48	21 24	21 23	20 22	16 38	3 16
W18	10 47	4 1	4 39	12 19	0 22	6 7	1 3	13 51	1 16	6 15	1 2	0 34	1 52	13 46	0 41	0 31	1 0	19 5	0 48	21 25	21 23	20 21	16 38	3 16
T 19	11 8	0s45	4 57	13 10	0 11	5 51	0 57	13 37	1 17	6 20	1 2	0 31	1 52	13 45	0 41	0 32	1 0	19 5	0 48	21 27	21 24	20 20	16 39	3 16
F 20	11 29	5 36	5 0	14 0	0 0	5 35	0 50	13 23	1 18	6 25	1 2	0 29	1 52	13 45	0 41	0 33	1 0	19 5	0 48	21 29	21 24	20 20	16 40	3 16
S 21	11 50	10 17	4 45	14 49	0n11	5 18	0 44	13 9	1 19	6 31	1 2	0 26	1 52	13 44	0 41	0 34	1 0	19 5	0 48	21 31	21 25	20 19	16 41	3 16
S 22	12 10	14 32	4 15	15 37	0 22	5 0	0 38	12 54	1 20	6 36	1 2	0 24	1 52	13 43	0 41	0 35	1 0	19 5	0 48	21 33	21 25	20 18	16 41	3 16
M23	12 30	18 4	3 29	16 25	0 33	4 43	0 32	12 40	1 21	6 41	1 2	0 21	1 53	13 43	0 41	0 35	1 0	19 5	0 49	21 34	21 26	20 18	16 42	3 16
T 24	12 50	20 33	2 29	17 10	0 44	4 25	0 26	12 25	1 22	6 47	1 2	0 19	1 53	13 42	0 41	0 36	1 0	19 5	0 49	21 35	21 26	20 17	16 43	3 16
W25	13 10	21 48	1 21	17 54	0 56	4 6	0 20	12 11	1 23	6 52	1 2	0 16	1 53	13 42	0 41	0 37	1 0	19 5	0 49	21 36	21 27	20 16	16 44	3 16
T 26	13 29	21 41	0 7	18 36	1 7	3 48	0 14	11 56	1 24	6 57	1 2	0 14	1 53	13 41	0 41	0 38	1 0	19 5	0 49	21 36	21 27	20 16	16 44	3 16
F 27	13 49	20 10	1s 8	19 17	1 18	3 29	0 8	11 41	1 25	7 3	1 2	0 11	1 53	13 41	0 41	0 38	1 0	19 5	0 49	21 36	21 28	20 15	16 45	3 16
S 28	14 8	17 25	2 18	19 55	1 28	3 10	0 3	11 27	1 25	7 8	1 2	0 9	1 53	13 40	0 41	0 39	1 0	19 5	0 49	21 36	21 28	20 14	16 46	3 16
S 29	14 26	13 39	3 19	20 31	1 38	2 50	0s 3	11 12	1 26	7 13	1 2	0 6	1 53	13 40	0 41	0 40	1 0	19 5	0 49	21 36	21 29	20 14	16 47	3 16
M30	14n45	9s 8	4s 9	21n 5	1n48	2s30	0s 8	10s57	1s27	7n18	1s 2	0s 4	1s54	13s39	0s41	0n41	1s 0	19n 5	0n49	21n37	21n30	20n13	16n48	3s16

Julian Day Number = 2880064.5, Delta T = 01h15m15s
Ecliptic obliquity = 23°17'12, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°10'15, Lahiri = 40°17'15

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ASTRODIENST EPHEMERIS for the year 3173
geocentric

MAY 3173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 36 55	11♉ 4'30	0♈24	28♉28	25♓ 1	5♓48	21♈34	4♈20	25♒19	4♈ 4	7♌26	21°R12	22♋ 1	3♌48	29♉54	T 1
W 2	14 40 52	12° 3'24	14°13	0♊ 2	26° 4	6°32	21°48	4°26	25°21	4° 6	7°26	21♋ 2	21°58	3°54	29°58	W 2
T 3	14 44 48	13° 2'17	27°52	1°32	27° 8	7°16	22° 3	4°33	25°22	4° 8	7°26	20°51	21°55	4° 1	0♊ 2	T 3
F 4	14 48 45	14° 1'07	11♉16	2°57	28°11	7°59	22°17	4°39	25°24	4°10	7°27	20°40	21°51	4° 7	0° 6	F 4
S 5	14 52 41	14°59'56	24°24	4°17	29°15	8°43	22°31	4°45	25°25	4°12	7°27	20°29	21°48	4°14	0° 9	S 5
S 6	14 56 38	15°58'43	7♊14	5°32	0♈20	9°27	22°45	4°51	25°26	4°14	7°27	20°20	21°45	4°21	0°13	S 6
M 7	15 0 35	16°57'28	19°47	6°42	1°24	10°10	22°59	4°57	25°27	4°16	7°28	20°13	21°42	4°27	0°17	M 7
T 8	15 4 31	17°56'11	2♋ 4	7°47	2°29	10°54	23°12	5° 3	25°28	4°17	7°28	20° 9	21°39	4°34	0°21	T 8
W 9	15 8 28	18°54'52	14° 7	8°46	3°33	11°38	23°26	5° 9	25°29	4°19	7°29	20° 8	21°36	4°41	0°25	W 9
T 10	15 12 24	19°53'30	26° 0	9°40	4°38	12°21	23°40	5°15	25°30	4°21	7°29	20°D 8	21°32	4°47	0°29	T 10
F 11	15 16 21	20°52'07	7♌49	10°28	5°43	13° 5	23°54	5°21	25°31	4°23	7°30	20° 8	21°29	4°54	0°32	F 11
S 12	15 20 17	21°50'41	19°38	11°11	6°49	13°48	24° 8	5°27	25°32	4°24	7°30	20°R 9	21°26	5° 1	0°36	S 12
S 13	15 24 14	22°49'14	1♍33	11°48	7°54	14°32	24°21	5°33	25°33	4°26	7°31	20° 9	21°23	5° 7	0°40	S 13
M14	15 28 10	23°47'44	13°38	12°19	9° 0	15°16	24°35	5°38	25°34	4°28	7°31	20° 6	21°20	5°14	0°44	M14
T 15	15 32 7	24°46'12	26° 0	12°44	10° 6	15°59	24°49	5°44	25°35	4°29	7°32	20° 2	21°16	5°21	0°48	T 15
W16	15 36 4	25°44'38	8♎41	13° 4	11°12	16°43	25° 2	5°50	25°36	4°31	7°33	19°56	21°13	5°27	0°52	W16
T 17	15 40 0	26°43'02	21°44	13°18	12°18	17°27	25°16	5°55	25°36	4°32	7°33	19°48	21°10	5°34	0°56	T 17
F 18	15 43 57	27°41'24	5♏ 9	13°26	13°25	18°10	25°29	6° 1	25°37	4°34	7°34	19°39	21° 7	5°41	1° 0	F 18
S 19	15 47 53	28°39'44	18°57	13°R29	14°31	18°54	25°42	6° 6	25°37	4°35	7°35	19°31	21° 4	5°47	1° 4	S 19
S 20	15 51 50	29°38'03	3♐ 2	13°26	15°38	19°37	25°56	6°11	25°38	4°37	7°35	19°23	21° 1	5°54	1° 8	S 20
M21	15 55 46	0♊36'20	17°21	13°19	16°44	20°21	26° 9	6°17	25°38	4°38	7°36	19°18	20°57	6° 0	1°12	M21
T 22	15 59 43	1°34'35	1♑49	13° 6	17°51	21° 5	26°22	6°22	25°39	4°40	7°37	19°14	20°54	6° 7	1°15	T 22
W23	16 3 39	2°32'48	16°18	12°49	18°59	21°48	26°35	6°27	25°39	4°41	7°38	19°D13	20°51	6°14	1°19	W23
T 24	16 7 36	3°31'01	0♒45	12°27	20° 6	22°32	26°48	6°32	25°40	4°43	7°38	19°13	20°48	6°20	1°23	T 24
F 25	16 11 33	4°29'11	15° 5	12° 2	21°13	23°15	27° 1	6°37	25°40	4°44	7°39	19°15	20°45	6°27	1°27	F 25
S 26	16 15 29	5°27'21	29°17	11°34	22°21	23°59	27°14	6°42	25°40	4°45	7°40	19°R16	20°42	6°34	1°31	S 26
S 27	16 19 26	6°25'29	13♓19	11° 2	23°28	24°42	27°27	6°47	25°40	4°47	7°41	19°15	20°38	6°40	1°35	S 27
M28	16 23 22	7°23'35	27° 9	10°29	24°36	25°26	27°40	6°52	25°40	4°48	7°42	19°14	20°35	6°47	1°39	M28
T 29	16 27 19	8°21'41	10♈48	9°54	25°44	26° 9	27°53	6°56	25°41	4°49	7°43	19°10	20°32	6°54	1°43	T 29
W30	16 31 15	9°19'45	24°14	9°18	26°52	26°53	28° 6	7° 1	25°R41	4°50	7°44	19° 5	20°29	7° 0	1°47	W30
T 31	16 35 12	10♊17'47	7♉28	8♊42	28♈ 0	27♓36	28♈18	7♈ 6	25♒41	4♈52	7♌44	18♋59	20♋26	7♌ 7	1♊51	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 3	4s10	4s43	21n36	1n57	2s10	0s13	10s41	1s28	7n24	1s 2	0s 2	1s54	13s39	0s41	0n41	1s 0	19n 5	0n49	21n38	21n30	20n12	16n48	3s16
W 2	15 21	0n57	5 0	22 5	2 6	1 50	0 18	10 26	1 29	7 29	1 2	0n 1	1 54	13 38	0 41	0 42	1 0	19 5	0 49	21 39	21 31	20 12	16 49	3 16
T 3	15 39	5 58	5 0	22 31	2 14	1 30	0 23	10 11	1 30	7 34	1 2	0 3	1 54	13 38	0 41	0 43	1 0	19 5	0 49	21 41	21 31	20 11	16 50	3 16
F 4	15 57	10 37	4 43	22 55	2 21	1 9	0 28	9 56	1 31	7 39	1 3	0 5	1 54	13 38	0 41	0 44	1 0	19 5	0 49	21 43	21 32	20 10	16 51	3 16
S 5	16 14	14 41	4 12	23 17	2 27	0 48	0 33	9 40	1 32	7 44	1 3	0 8	1 54	13 37	0 41	0 44	1 0	19 5	0 49	21 44	21 32	20 9	16 51	3 16
S 6	16 31	17 58	3 28	23 36	2 33	0 27	0 38	9 25	1 33	7 49	1 3	0 10	1 54	13 37	0 42	0 45	1 0	19 5	0 49	21 46	21 33	20 9	16 52	3 16
M 7	16 48	20 20	2 35	23 52	2 37	0 6	0 42	9 9	1 33	7 54	1 3	0 12	1 55	13 36	0 42	0 46	1 0	19 5	0 49	21 46	21 33	20 8	16 53	3 16
T 8	17 4	21 41	1 35	24 6	2 40	0n16	0 47	8 53	1 34	7 59	1 3	0 14	1 55	13 36	0 42	0 46	1 0	19 5	0 49	21 47	21 34	20 7	16 54	3 16
W 9	17 20	22 1	0 32	24 18	2 43	0 37	0 51	8 38	1 35	8 4	1 3	0 17	1 55	13 36	0 42	0 47	1 0	19 5	0 49	21 47	21 34	20 6	16 54	3 16
T 10	17 36	21 20	0n31	24 28	2 44	0 59	0 55	8 22	1 36	8 9	1 3	0 19	1 55	13 35	0 42	0 48	1 0	19 5	0 49	21 47	21 35	20 6	16 55	3 16
F 11	17 51	19 42	1 33	24 35	2 44	1 21	0 59	8 6	1 37	8 14	1 3	0 21	1 55	13 35	0 42	0 48	1 0	19 4	0 49	21 47	21 35	20 5	16 56	3 16
S 12	18 7	17 14	2 31	24 40	2 44	1 43	1 3	7 50	1 38	8 19	1 3	0 23	1 55	13 35	0 42	0 49	1 0	19 4	0 49	21 47	21 36	20 4	16 57	3 16
S 13	18 22	14 2	3 23	24 44	2 42	2 5	1 7	7 34	1 39	8 24	1 3	0 25	1 56	13 35	0 42	0 50	1 0	19 4	0 49	21 47	21 36	20 3	16 57	3 16
M14	18 36	10 12	4 7	24 44	2 38	2 28	1 11	7 18	1 40	8 29	1 3	0 27	1 56	13 34	0 42	0 50	1 0	19 4	0 49	21 48	21 36	20 3	16 58	3 16
T 15	18 50	5 52	4 40	24 43	2 34	2 50	1 14	7 2	1 40	8 34	1 3	0 29	1 56	13 34	0 42	0 51	1 0	19 4	0 49	21 48	21 37	20 2	16 59	3 17
W16	19 4	1 12	5 1	24 40	2 28	3 13	1 18	6 46	1 41	8 39	1 3	0 31	1 56	13 34	0 42	0 51	1 0	19 4	0 50	21 49	21 37	20 1	17 0	3 17
T 17	19 18	3s40	5 6	24 35	2 21	3 35	1 21	6 30	1 42	8 43	1 4	0 33	1 56	13 34	0 42	0 52	1 0	19 4	0 50	21 50	21 38	20 0	17 0	3 17
F 18	19 31	8 30	4 55	24 28	2 13	3 58	1 24	6 14	1 43	8 48	1 4	0 35	1 57	13 34	0 42	0 53	1 0	19 4	0 50	21 51	21 38	19 59	17 1	3 17
S 19	19 44	13 3	4 27	24 19	2 3	4 20	1 27	5 58	1 44	8 53	1 4	0 37	1 57	13 33	0 42	0 53	1 1	19 4	0 50	21 53	21 39	19 59	17 2	3 17
S 20	19 57	16 59	3 43	24 8	1 53	4 43	1 30	5 41	1 45	8 58	1 4	0 39	1 57	13 33	0 42	0 54	1 1	19 3	0 50	21 54	21 39	19 58	17 2	3 17
M21	20 9	19 59	2 43	23 55	1 41	5 6	1 33	5 25	1 46	9 2	1 4	0 41	1 57	13 33	0 42	0 54	1 1	19 3	0 50	21 55	21 40	19 57	17 3	3 17
T 22	20 21	21 44	1 33	23 41	1 28	5 29	1 36	5 9	1 46	9 7	1 4	0 43	1 57	13 33	0 42	0 55	1 1	19 3	0 50	21 55	21 40	19 56	17 4	3 17
W23	20 32	22 2	0 16	23 25	1 14	5 52	1 39	4 53	1 47	9 12	1 4	0 45	1 57	13 33	0 42	0 55	1 1	19 3	0 50	21 55	21 41	19 55	17 5	3 17
T 24	20 43	20 52	1s 2	23 7	0 59	6 14	1 41	4 36	1 48	9 16	1 4	0 46	1 58	13 33	0 42	0 56	1 1	19 3	0 50	21 55	21 41	19 54	17 5	3 17
F 25	20 54	18 22	2 15	22 48	0 43	6 37	1 44	4 20	1 49	9 21	1 4	0 48	1 58	13 33	0 42	0 56	1 1	19 3	0 50	21 55	21 42	19 54	17 6	3 17
S 26	21 5	14 46	3 20	22 28	0 27	7 0	1 46	4 3	1 50	9 25	1 4	0 50	1 58	13 33	0 42	0 57	1 1	19 2	0 50	21 55	21 42	19 53	17 7	3 17
S 27	21 15	10 23	4 11	22 7	0 10	7 23	1 48	3 47	1 51	9 30	1 5	0 52	1 58	13 33	0 42	0 57	1 1	19 2	0 50	21 55	21 43	19 52	17 7	3 17
M28	21 24	5 32	4 47	21 45	0s 7	7 46	1 50	3 31	1 51	9 34	1 5	0 53	1 59	13 33	0 42	0 58	1 1	19 2	0 50	21 55	21 43	19 51	17 8	3 17
T 29	21 34	0 28	5 7	21 23	0 25	8 8	1 52	3 14	1 52	9 39	1 5	0 55	1 59	13 33	0 42	0 58	1 1	19 2	0 50	21 56	21 44	19 50	17 9	3 17
W30	21 42	4n33	5 9	21 0	0 43	8 31	1 54	2 58	1 53	9 43	1 5	0 57	1 59	13 33	0 42	0 59	1 1	19 2	0 50	21 56	21 44	19 49	17 9	3 18
T 31	21n51	9n16	4s54	20n37	1s 1	8n53	1s56	2s41	1s54	9n47	1s 5	0n58	1s59	13s33	0s43	0n59	1s 1	19n 2	0n50	21n57	21n45	19n49	17n10	3s18

Julian Day Number = 2880094.5, Delta T = 01h15m16s
Ecliptic obliquity = 23°17'12, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°10'19, Lahiri = 40°17'19

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ASTRODIENST EPHEMERIS for the year 3173
geocentric

JUNE 3173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 39 8	11♊15'49	20♉28	8°R 6	29♈ 8	28♓20	28♈31	7♈10	25°R41	4♈53	7♌45	18°R53	20♋22	7♌14	1♊55	F 1
S 2	16 43 5	12°13'49	3♊14	7♊32	0♉16	29° 3	28°43	7°14	25♒40	4°54	7°46	18♋46	20°19	7°20	1°58	S 2
S 3	16 47 2	13°11'47	15°47	6°58	1°25	29°47	28°56	7°19	25°40	4°55	7°47	18°41	20°16	7°27	2° 2	S 3
M 4	16 50 58	14° 9'44	28° 7	6°27	2°33	0♈30	29° 8	7°23	25°40	4°56	7°48	18°38	20°13	7°34	2° 6	M 4
T 5	16 54 55	15° 7'40	10♋15	5°59	3°41	1°13	29°20	7°27	25°40	4°57	7°49	18°36	20°10	7°40	2°10	T 5
W 6	16 58 51	16° 5'34	22°13	5°33	4°50	1°57	29°32	7°31	25°39	4°58	7°51	18°D36	20° 7	7°47	2°14	W 6
T 7	17 2 48	17° 3'26	4♌ 4	5°11	5°59	2°40	29°45	7°35	25°39	4°59	7°52	18°37	20° 3	7°54	2°18	T 7
F 8	17 6 44	18° 1'17	15°52	4°52	7° 8	3°23	29°57	7°39	25°39	5° 0	7°53	18°38	20° 0	8° 0	2°22	F 8
S 9	17 10 41	18°59'06	27°41	4°38	8°16	4° 6	0♉ 8	7°43	25°38	5° 1	7°54	18°40	19°57	8° 7	2°25	S 9
S 10	17 14 38	19°56'54	9♍35	4°28	9°25	4°50	0°20	7°47	25°38	5° 2	7°55	18°41	19°54	8°13	2°29	S 10
M11	17 18 34	20°54'40	21°41	4°22	10°34	5°33	0°32	7°51	25°37	5° 3	7°56	18°R42	19°51	8°20	2°33	M11
T 12	17 22 31	21°52'24	4♎ 1	4°D20	11°44	6°16	0°44	7°54	25°37	5° 4	7°57	18°41	19°48	8°27	2°37	T 12
W13	17 26 27	22°50'07	16°41	4°23	12°53	6°59	0°55	7°58	25°36	5° 5	7°58	18°39	19°44	8°33	2°40	W13
T 14	17 30 24	23°47'49	29°45	4°31	14° 2	7°42	1° 7	8° 1	25°35	5° 5	8° 0	18°37	19°41	8°40	2°44	T 14
F 15	17 34 20	24°45'29	13♏13	4°43	15°11	8°25	1°18	8° 5	25°34	5° 6	8° 1	18°33	19°38	8°47	2°48	F 15
S 16	17 38 17	25°43'07	27° 8	4°59	16°21	9° 8	1°30	8° 8	25°34	5° 7	8° 2	18°30	19°35	8°53	2°52	S 16
S 17	17 42 13	26°40'45	11♐25	5°20	17°30	9°51	1°41	8°11	25°33	5° 8	8° 3	18°27	19°32	9° 0	2°55	S 17
M18	17 46 10	27°38'21	26° 1	5°45	18°40	10°34	1°52	8°14	25°32	5° 8	8° 5	18°25	19°28	9° 7	2°59	M18
T 19	17 50 7	28°35'56	10♑50	6°15	19°49	11°16	2° 3	8°17	25°31	5° 9	8° 6	18°24	19°25	9°13	3° 3	T 19
W20	17 54 3	29°33'30	25°44	6°48	20°59	11°59	2°14	8°20	25°30	5° 9	8° 7	18°D24	19°22	9°20	3° 6	W20
T 21	17 58 0	0♋31'03	10♒34	7°26	22° 9	12°42	2°25	8°23	25°29	5°10	8° 8	18°25	19°19	9°27	3°10	T 21
F 22	18 1 56	1°28'36	25°16	8° 8	23°19	13°25	2°35	8°26	25°28	5°11	8°10	18°26	19°16	9°33	3°13	F 22
S 23	18 5 53	2°26'07	9♓43	8°53	24°28	14° 7	2°46	8°28	25°27	5°11	8°11	18°27	19°13	9°40	3°17	S 23
S 24	18 9 49	3°23'38	23°52	9°42	25°38	14°50	2°56	8°31	25°26	5°12	8°12	18°28	19° 9	9°47	3°21	S 24
M25	18 13 46	4°21'08	7♈42	10°35	26°48	15°32	3° 7	8°34	25°25	5°12	8°14	18°R28	19° 6	9°53	3°24	M25
T 26	18 17 42	5°18'37	21°13	11°32	27°59	16°15	3°17	8°36	25°23	5°12	8°15	18°28	19° 3	10° 0	3°28	T 26
W27	18 21 39	6°16'06	4♉26	12°32	29° 9	16°57	3°27	8°38	25°22	5°13	8°16	18°27	19° 0	10° 7	3°31	W27
T 28	18 25 36	7°13'34	17°22	13°35	0♊19	17°40	3°37	8°40	25°21	5°13	8°18	18°25	18°57	10°13	3°34	T 28
F 29	18 29 32	8°11'02	0♊ 3	14°42	1°29	18°22	3°47	8°42	25°19	5°13	8°19	18°24	18°54	10°20	3°38	F 29
S 30	18 33 29	9♋ 8'29	12♊30	15♊52	2♊39	19♈ 4	3♉57	8♈44	25♒18	5♈14	8♌21	18♋23	18♋50	10♌27	3♊41	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n59	13n30	4s25	20n14	1s18	9n16	1s57	2s25	1s55	9n52	1s 5	1n 0	1s59	13s33	0s43	1n 0	1s 1	19n 1	0n50	21n58	21n45	19n48	17n11	3s18
S 2	22 7	17 2	3 42	19 52	1 35	9 38	1 59	2 8	1 55	9 56	1 5	1 1	2 0	13 33	0 43	1 0	1 1	19 1	0 50	21 59	21 46	19 47	17 11	3 18
S 3	22 14	19 43	2 49	19 30	1 51	10 0	2 0	1 52	1 56	10 0	1 5	1 3	2 0	13 33	0 43	1 0	1 1	19 1	0 50	22 0	21 46	19 46	17 12	3 18
M 4	22 21	21 27	1 50	19 10	2 7	10 22	2 2	1 36	1 57	10 4	1 6	1 4	2 0	13 33	0 43	1 1	1 1	19 1	0 50	22 0	21 47	19 45	17 13	3 18
T 5	22 28	22 8	0 46	18 50	2 22	10 44	2 3	1 19	1 58	10 9	1 6	1 6	2 0	13 33	0 43	1 1	1 1	19 1	0 50	22 0	21 47	19 44	17 13	3 18
W 6	22 34	21 48	0n20	18 32	2 36	11 6	2 4	1 3	1 58	10 13	1 6	1 7	2 0	13 33	0 43	1 2	1 1	19 0	0 50	22 0	21 47	19 43	17 14	3 18
T 7	22 40	20 28	1 24	18 15	2 49	11 28	2 5	0 46	1 59	10 17	1 6	1 9	2 1	13 34	0 43	1 2	1 1	19 0	0 51	22 0	21 48	19 42	17 15	3 18
F 8	22 45	18 16	2 24	18 0	3 1	11 49	2 6	0 30	2 0	10 21	1 6	1 10	2 1	13 34	0 43	1 2	1 1	19 0	0 51	22 0	21 48	19 41	17 15	3 19
S 9	22 50	15 18	3 18	17 47	3 12	12 11	2 6	0 14	2 1	10 25	1 6	1 11	2 1	13 34	0 43	1 3	1 1	19 0	0 51	22 0	21 49	19 41	17 16	3 19
S 10	22 55	11 42	4 4	17 35	3 22	12 32	2 7	0n 3	2 1	10 29	1 6	1 13	2 1	13 34	0 43	1 3	1 1	18 59	0 51	22 0	21 49	19 40	17 16	3 19
M11	22 59	7 35	4 40	17 26	3 30	12 53	2 8	0 19	2 2	10 33	1 6	1 14	2 2	13 34	0 43	1 3	1 1	18 59	0 51	21 59	21 50	19 39	17 17	3 19
T 12	23 2	3 4	5 4	17 18	3 38	13 13	2 8	0 35	2 3	10 37	1 7	1 15	2 2	13 35	0 43	1 4	1 1	18 59	0 51	22 0	21 50	19 38	17 18	3 19
W13	23 6	1s40	5 14	17 13	3 44	13 34	2 8	0 52	2 4	10 41	1 7	1 16	2 2	13 35	0 43	1 4	1 1	18 59	0 51	22 0	21 51	19 37	17 18	3 19
T 14	23 9	6 29	5 9	17 9	3 49	13 54	2 9	1 8	2 4	10 44	1 7	1 17	2 2	13 35	0 43	1 4	1 2	18 58	0 51	22 0	21 51	19 36	17 19	3 19
F 15	23 11	11 9	4 46	17 7	3 53	14 14	2 9	1 24	2 5	10 48	1 7	1 18	2 3	13 35	0 43	1 4	1 2	18 58	0 51	22 1	21 52	19 35	17 19	3 19
S 16	23 13	15 24	4 6	17 7	3 56	14 34	2 9	1 40	2 6	10 52	1 7	1 19	2 3	13 36	0 43	1 5	1 2	18 58	0 51	22 1	21 52	19 34	17 20	3 20
S 17	23 15	18 52	3 10	17 9	3 58	14 53	2 9	1 56	2 6	10 56	1 7	1 20	2 3	13 36	0 43	1 5	1 2	18 58	0 51	22 1	21 53	19 33	17 20	3 20
M18	23 16	21 13	2 0	17 12	3 59	15 12	2 9	2 12	2 7	10 59	1 8	1 21	2 3	13 36	0 43	1 5	1 2	18 57	0 51	22 2	21 53	19 32	17 21	3 20
T 19	23 17	22 9	0 42	17 17	3 59	15 31	2 9	2 28	2 8	11 3	1 8	1 22	2 4	13 37	0 43	1 5	1 2	18 57	0 51	22 2	21 53	19 31	17 22	3 20
W20	23 17	21 32	0s40	17 23	3 58	15 49	2 8	2 44	2 8	11 7	1 8	1 23	2 4	13 37	0 43	1 5	1 2	18 57	0 51	22 2	21 54	19 30	17 22	3 20
T 21	23 17	19 24	2 0	17 31	3 57	16 8	2 8	3 0	2 9	11 10	1 8	1 24	2 4	13 37	0 43	1 6	1 2	18 56	0 51	22 2	21 54	19 29	17 23	3 20
F 22	23 17	16 0	3 10	17 40	3 54	16 26	2 7	3 16	2 10	11 14	1 8	1 25	2 4	13 38	0 43	1 6	1 2	18 56	0 51	22 2	21 55	19 28	17 23	3 21
S 23	23 16	11 42	4 7	17 51	3 50	16 43	2 7	3 32	2 10	11 17	1 8	1 26	2 4	13 38	0 43	1 6	1 2	18 56	0 51	22 1	21 55	19 27	17 24	3 21
S 24	23 15	6 50	4 48	18 2	3 46	17 0	2 6	3 48	2 11	11 20	1 8	1 27	2 5	13 39	0 43	1 6	1 2	18 55	0 51	22 1	21 56	19 26	17 24	3 21
M25	23 13	1 44	5 11	18 15	3 41	17 17	2 5	4 3	2 12	11 24	1 9	1 27	2 5	13 39	0 43	1 6	1 2	18 55	0 51	22 1	21 56	19 25	17 25	3 21
T 26	23 11	3n20	5 16	18 28	3 35	17 34	2 4	4 19	2 12	11 27	1 9	1 28	2 5	13 40	0 43	1 6	1 2	18 55	0 51	22 1	21 57	19 24	17 25	3 21
W27	23 8	8 8	5 4	18 42	3 29	17 50	2 3	4 34	2 13	11 30	1 9	1 29	2 6	13 40	0 44	1 6	1 2	18 55	0 51	22 2	21 57	19 23	17 26	3 21
T 28	23 5	12 28	4 37	18 56	3 22	18 5	2 2	4 50	2 13	11 34	1 9	1 29	2 6	13 40	0 44	1 7	1 2	18 54	0 52	22 2	21 57	19 22	17 26	3 22
F 29	23 2	16 10	3 57	19 12	3 15	18 21	2 1	5 5	2 14	11 37	1 9	1 30	2 6	13 41	0 44	1 7	1 2	18 54	0 52	22 2	21 58	19 21	17 26	3 22
S 30	22n58	19n 5	3s 6	19n27	3s 6	18n36	2s 0	5n21	2s14	11n40	1s10	1n30	2s 6	13s41	0s44	1n 7	1s 2	18n54	0n52	22n 2	21n58	19n20	17n27	3s22

Julian Day Number = 2880125.5, Delta T = 01h15m17s
Ecliptic obliquity = 23°17'11, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°10'23, Lahiri = 40°17'24

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ASTRODIENST EPHEMERIS for the year 3173
geocentric

JULY 3173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 37 25	10♋ 5'56	24♊46	17♊ 5	3♊50	19♈46	4♉ 7	8♈46	25°R17	5♈14	8♎22	18°R22	18♋47	10♎33	3♊45	S 1
M 2	18 41 22	11° 3'22	6♋52	18°22	5° 0	20°28	4°17	8°48	25♒15	5°14	8°24	18♋21	18°44	10°40	3°48	M 2
T 3	18 45 18	12° 0'47	18°50	19°42	6°11	21°10	4°26	8°50	25°14	5°14	8°25	18°D21	18°41	10°47	3°51	T 3
W 4	18 49 15	12°58'11	0♎43	21° 5	7°21	21°52	4°35	8°52	25°12	5°14	8°26	18°21	18°38	10°53	3°55	W 4
T 5	18 53 11	13°55'35	12°31	22°31	8°32	22°34	4°45	8°53	25°10	5°15	8°28	18°21	18°34	11° 0	3°58	T 5
F 6	18 57 8	14°52'58	24°19	24° 0	9°42	23°16	4°54	8°54	25° 9	5°15	8°29	18°22	18°31	11° 7	4° 1	F 6
S 7	19 1 5	15°50'20	6♍ 9	25°32	10°53	23°58	5° 3	8°56	25° 7	5°15	8°31	18°22	18°28	11°13	4° 4	S 7
S 8	19 5 1	16°47'41	18° 4	27° 7	12° 4	24°39	5°12	8°57	25° 6	5°R15	8°32	18°22	18°25	11°20	4° 7	S 8
M 9	19 8 58	17°45'01	0♎10	28°45	13°14	25°21	5°20	8°58	25° 4	5°15	8°34	18°22	18°22	11°26	4°10	M 9
T 10	19 12 54	18°42'21	12°29	0♋26	14°25	26° 2	5°29	8°59	25° 2	5°15	8°35	18°22	18°19	11°33	4°13	T 10
W11	19 16 51	19°39'40	25° 6	2°10	15°36	26°43	5°37	9° 0	25° 0	5°14	8°37	18°23	18°15	11°40	4°16	W11
T 12	19 20 47	20°36'58	8♏ 5	3°57	16°47	27°25	5°46	9° 1	24°58	5°14	8°38	18°23	18°12	11°46	4°19	T 12
F 13	19 24 44	21°34'16	21°29	5°47	17°58	28° 6	5°54	9° 2	24°57	5°14	8°40	18°23	18° 9	11°53	4°22	F 13
S 14	19 28 40	22°31'33	5♐19	7°39	19° 9	28°47	6° 2	9° 2	24°55	5°14	8°41	18°23	18° 6	12° 0	4°25	S 14
S 15	19 32 37	23°28'49	19°36	9°34	20°20	29°28	6°10	9° 3	24°53	5°14	8°43	18°24	18° 3	12° 6	4°28	S 15
M16	19 36 34	24°26'05	4♑16	11°32	21°31	0♉ 8	6°18	9° 3	24°51	5°14	8°45	18°24	18° 0	12°13	4°31	M16
T 17	19 40 30	25°23'21	19°14	13°32	22°42	0°49	6°25	9° 4	24°49	5°13	8°46	18°R24	17°56	12°20	4°34	T 17
W18	19 44 27	26°20'36	4♒23	15°34	23°53	1°30	6°33	9° 4	24°47	5°13	8°48	18°24	17°53	12°26	4°37	W18
T 19	19 48 23	27°17'51	19°32	17°38	25° 5	2°10	6°40	9° 4	24°45	5°13	8°49	18°23	17°50	12°33	4°39	T 19
F 20	19 52 20	28°15'06	4♓33	19°44	26°16	2°51	6°47	9°R 4	24°43	5°12	8°51	18°22	17°47	12°40	4°42	F 20
S 21	19 56 16	29°12'21	19°18	21°51	27°27	3°31	6°54	9° 4	24°41	5°12	8°52	18°21	17°44	12°46	4°45	S 21
S 22	20 0 13	0♎ 9'36	3♈41	23°59	28°39	4°11	7° 1	9° 4	24°39	5°11	8°54	18°20	17°40	12°53	4°47	S 22
M23	20 4 9	1° 6'51	17°39	26° 9	29°50	4°51	7° 8	9° 4	24°37	5°11	8°56	18°19	17°37	13° 0	4°50	M23
T 24	20 8 6	2° 4'06	1♉12	28°19	1♋ 1	5°31	7°15	9° 3	24°34	5°10	8°57	18°D19	17°34	13° 6	4°53	T 24
W25	20 12 3	3° 1'22	14°20	0♎29	2°13	6°11	7°21	9° 3	24°32	5°10	8°59	18°19	17°31	13°13	4°55	W25
T 26	20 15 59	3°58'38	27° 8	2°39	3°25	6°51	7°27	9° 2	24°30	5° 9	9° 0	18°20	17°28	13°20	4°57	T 26
F 27	20 19 56	4°55'54	9♊37	4°49	4°36	7°30	7°33	9° 1	24°28	5° 9	9° 2	18°21	17°25	13°26	5° 0	F 27
S 28	20 23 52	5°53'11	21°51	6°59	5°48	8° 9	7°39	9° 1	24°26	5° 8	9° 3	18°23	17°21	13°33	5° 2	S 28
S 29	20 27 49	6°50'28	3♋55	9° 8	7° 0	8°49	7°45	9° 0	24°23	5° 7	9° 5	18°24	17°18	13°40	5° 5	S 29
M30	20 31 45	7°47'45	15°51	11°16	8°11	9°28	7°51	8°59	24°21	5° 7	9° 7	18°R24	17°15	13°46	5° 7	M30
T 31	20 35 42	8♎45'02	27♋42	13♎23	9♋23	10♉ 7	7♉56	8♈58	24♒19	5♈ 6	9♎ 8	18♋24	17♋12	13♎53	5♊ 9	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n54	21n 4	2s 7	19n43	2s58	18n50	1s59	5n36	2s15	11n43	1s10	1n31	2s 7	13s42	0s44	1n 7	1s 2	18n53	0n52	22n 2	21n59	19n19	17n27	3s22
M 2	22 50	22 3	1 3	19 59	2 49	19 4	1 58	5 51	2 15	11 46	1 10	1 31	2 7	13 42	0 44	1 7	1 2	18 53	0 52	22 2	21 59	19 18	17 28	3 22
T 3	22 45	22 1	0n 3	20 15	2 39	19 18	1 56	6 6	2 16	11 49	1 10	1 32	2 7	13 43	0 44	1 7	1 2	18 53	0 52	22 2	22 0	19 17	17 28	3 22
W 4	22 40	20 59	1 8	20 31	2 29	19 31	1 55	6 21	2 17	11 52	1 10	1 32	2 7	13 44	0 44	1 7	1 2	18 52	0 52	22 2	22 0	19 16	17 29	3 23
T 5	22 34	19 1	2 10	20 46	2 19	19 43	1 53	6 36	2 17	11 55	1 10	1 33	2 8	13 44	0 44	1 7	1 2	18 52	0 52	22 2	22 0	19 15	17 29	3 23
F 6	22 28	16 16	3 7	21 1	2 8	19 55	1 52	6 51	2 18	11 58	1 11	1 33	2 8	13 45	0 44	1 7	1 2	18 52	0 52	22 2	22 1	19 14	17 29	3 23
S 7	22 21	12 51	3 56	21 16	1 57	20 7	1 50	7 6	2 18	12 0	1 11	1 33	2 8	13 45	0 44	1 7	1 3	18 51	0 52	22 2	22 1	19 13	17 30	3 23
S 8	22 14	8 54	4 35	21 30	1 46	20 18	1 48	7 20	2 18	12 3	1 11	1 33	2 8	13 46	0 44	1 7	1 3	18 51	0 52	22 2	22 2	19 12	17 30	3 23
M 9	22 7	4 33	5 2	21 43	1 34	20 29	1 46	7 35	2 19	12 6	1 11	1 34	2 9	13 46	0 44	1 7	1 3	18 51	0 52	22 2	22 2	19 11	17 30	3 24
T 10	21 59	0s 3	5 16	21 55	1 23	20 39	1 45	7 49	2 19	12 9	1 11	1 34	2 9	13 47	0 44	1 7	1 3	18 50	0 52	22 2	22 3	19 10	17 31	3 24
W11	21 51	4 45	5 16	22 5	1 11	20 49	1 43	8 4	2 20	12 11	1 12	1 34	2 9	13 48	0 44	1 7	1 3	18 50	0 52	22 2	22 3	19 9	17 31	3 24
T 12	21 43	9 23	4 59	22 15	0 59	20 58	1 41	8 18	2 20	12 14	1 12	1 34	2 9	13 48	0 44	1 6	1 3	18 50	0 52	22 2	22 3	19 8	17 32	3 24
F 13	21 34	13 44	4 26	22 23	0 47	21 6	1 39	8 32	2 21	12 16	1 12	1 34	2 10	13 49	0 44	1 6	1 3	18 49	0 52	22 2	22 4	19 7	17 32	3 24
S 14	21 25	17 29	3 37	22 29	0 35	21 14	1 37	8 46	2 21	12 19	1 12	1 34	2 10	13 50	0 44	1 6	1 3	18 49	0 52	22 2	22 4	19 6	17 32	3 25
S 15	21 16	20 20	2 33	22 34	0 23	21 22	1 34	9 0	2 21	12 21	1 12	1 34	2 10	13 50	0 44	1 6	1 3	18 49	0 52	22 2	22 5	19 4	17 32	3 25
M16	21 6	21 55	1 18	22 36	0 11	21 29	1 32	9 14	2 22	12 23	1 13	1 34	2 10	13 51	0 44	1 6	1 3	18 48	0 53	22 2	22 5	19 3	17 33	3 25
T 17	20 56	22 0	0s 5	22 36	0 0	21 35	1 30	9 28	2 22	12 26	1 13	1 34	2 11	13 52	0 44	1 6	1 3	18 48	0 53	22 2	22 6	19 2	17 33	3 25
W18	20 45	20 28	1 28	22 34	0n11	21 41	1 28	9 41	2 22	12 28	1 13	1 34	2 11	13 52	0 44	1 6	1 3	18 48	0 53	22 2	22 6	19 1	17 33	3 26
T 19	20 34	17 28	2 44	22 30	0 22	21 46	1 25	9 55	2 23	12 30	1 13	1 33	2 11	13 53	0 44	1 5	1 3	18 47	0 53	22 2	22 6	19 0	17 34	3 26
F 20	20 23	13 20	3 49	22 23	0 32	21 51	1 23	10 8	2 23	12 32	1 14	1 33	2 11	13 54	0 44	1 5	1 3	18 47	0 53	22 2	22 7	18 59	17 34	3 26
S 21	20 11	8 28	4 37	22 13	0 42	21 55	1 21	10 21	2 23	12 34	1 14	1 33	2 12	13 54	0 44	1 5	1 3	18 46	0 53	22 2	22 7	18 58	17 34	3 26
S 22	19 59	3 15	5 7	22 1	0 51	21 59	1 18	10 35	2 24	12 36	1 14	1 33	2 12	13 55	0 44	1 5	1 3	18 46	0 53	22 2	22 8	18 57	17 34	3 27
M23	19 47	2n 0	5 17	21 46	1 0	22 1	1 16	10 48	2 24	12 38	1 14	1 32	2 12	13 56	0 44	1 5	1 3	18 46	0 53	22 3	22 8	18 56	17 34	3 27
T 24	19 34	6 59	5 9	21 29	1 8	22 4	1 13	11 1	2 24	12 40	1 14	1 32	2 13	13 57	0 44	1 4	1 3	18 45	0 53	22 3	22 8	18 54	17 35	3 27
W25	19 21	11 30	4 45	21 9	1 16	22 5	1 11	11 13	2 24	12 42	1 15	1 32	2 13	13 57	0 44	1 4	1 3	18 45	0 53	22 3	22 9	18 53	17 35	3 27
T 26	19 8	15 23	4 7	20 47	1 22	22 6	1 8	11 26	2 25	12 44	1 15	1 31	2 13	13 58	0 44	1 4	1 3	18 45	0 53	22 2	22 9	18 52	17 35	3 27
F 27	18 55	18 29	3 19	20 22	1 28	22 7	1 6	11 38	2 25	12 46	1 15	1 31	2 13	13 59	0 44	1 4	1 3	18 44	0 53	22 2	22 10	18 51	17 35	3 28
S 28	18 41	20 41	2 22	19 55	1 33	22 7	1 3	11 51	2 25	12 47	1 15	1 30	2 14	14 0	0 44	1 3	1 3	18 44	0 53	22 2	22 10	18 50	17 35	3 28
S 29	18 27	21 55	1 19	19 26	1 37	22 6	1 0	12 3	2 25	12 49	1 16	1 30	2 14	14 0	0 44	1 3	1 3	18 44	0 53	22 2	22 11	18 49	17 36	3 28
M30	18 12	22 7	0 14	18 54	1 41	22 5	0 58	12 15	2 25	12 50	1 16	1 29	2 14	14 1	0 44	1 3	1 3	18 43	0 53	22 2	22 11	18 48	17 36	3 28
T 31	17n57	21n19	0n51	18n21	1n44	22n 3	0s55	12n27	2s26	12n52	1s16	1n28	2s14	14s 2	0s44	1n 2	1s 4	18n43	0n53	22n 2	22n11	18n46	17n36	3s29

Julian Day Number = 2880155.5, Delta T = 01h15m17s
Ecliptic obliquity = 23°17'11, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°10'27, Lahiri = 40°17'28

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ASTRODIENST EPHEMERIS for the year 3173
geocentric

AUGUST 3173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 39 39	9♌42'20	9♌30	15♌28	10♋35	10♉45	8♉ 1	8°R57	24°R17	5°R 5	9♌10	18°R23	17♋ 9	14♌ 0	5♊11	W 1
T 2	20 43 35	10°39'37	21°18	17°33	11°47	11°24	8° 7	8♈55	24♒14	5♈ 5	9°11	18♋20	17° 5	14° 6	5°13	T 2
F 3	20 47 32	11°36'55	3♍ 8	19°35	12°59	12° 3	8°11	8°54	24°12	5° 4	9°13	18°17	17° 2	14°13	5°15	F 3
S 4	20 51 28	12°34'13	15° 2	21°36	14°11	12°41	8°16	8°53	24°10	5° 3	9°15	18°13	16°59	14°20	5°17	S 4
S 5	20 55 25	13°31'31	27° 2	23°36	15°23	13°19	8°21	8°51	24° 7	5° 2	9°16	18° 9	16°56	14°26	5°19	S 5
M 6	20 59 21	14°28'50	9♎11	25°34	16°35	13°57	8°25	8°50	24° 5	5° 1	9°18	18° 5	16°53	14°33	5°21	M 6
T 7	21 3 18	15°26'08	21°32	27°30	17°47	14°35	8°29	8°48	24° 3	5° 0	9°19	18° 2	16°50	14°40	5°23	T 7
W 8	21 7 14	16°23'27	4♏ 9	29°24	18°59	15°12	8°33	8°46	24° 0	4°59	9°21	18° 0	16°46	14°46	5°25	W 8
T 9	21 11 11	17°20'46	17° 4	1♏16	20°11	15°49	8°37	8°44	23°58	4°58	9°23	18°D 0	16°43	14°53	5°27	T 9
F 10	21 15 7	18°18'05	0♐21	3° 7	21°23	16°27	8°41	8°42	23°55	4°57	9°24	18° 0	16°40	15° 0	5°29	F 10
S 11	21 19 4	19°15'24	14° 2	4°56	22°36	17° 4	8°45	8°40	23°53	4°56	9°26	18° 1	16°37	15° 6	5°30	S 11
S 12	21 23 1	20°12'44	28° 9	6°43	23°48	17°40	8°48	8°38	23°51	4°55	9°27	18° 3	16°34	15°13	5°32	S 12
M13	21 26 57	21°10'03	12♑41	8°29	25° 0	18°17	8°51	8°36	23°48	4°54	9°29	18°R 4	16°31	15°20	5°33	M13
T 14	21 30 54	22° 7'24	27°34	10°12	26°13	18°53	8°54	8°33	23°46	4°53	9°31	18° 4	16°27	15°26	5°35	T 14
W15	21 34 50	23° 4'44	12♒42	11°54	27°25	19°30	8°57	8°31	23°43	4°52	9°32	18° 2	16°24	15°33	5°36	W15
T 16	21 38 47	24° 2'06	27°56	13°34	28°37	20° 6	8°59	8°28	23°41	4°51	9°34	17°59	16°21	15°40	5°38	T 16
F 17	21 42 43	24°59'27	13♓ 7	15°13	29°50	20°41	9° 2	8°26	23°39	4°50	9°35	17°54	16°18	15°46	5°39	F 17
S 18	21 46 40	25°56'50	28° 3	16°49	1♌ 2	21°17	9° 4	8°23	23°36	4°49	9°37	17°48	16°15	15°53	5°40	S 18
S 19	21 50 36	26°54'14	12♈38	18°24	2°15	21°52	9° 6	8°20	23°34	4°47	9°38	17°43	16°11	16° 0	5°42	S 19
M20	21 54 33	27°51'38	26°46	19°57	3°28	22°27	9° 8	8°17	23°31	4°46	9°40	17°38	16° 8	16° 6	5°43	M20
T 21	21 58 30	28°49'04	10♉26	21°29	4°40	23° 2	9° 9	8°14	23°29	4°45	9°41	17°35	16° 5	16°13	5°44	T 21
W22	22 2 26	29°46'30	23°37	22°58	5°53	23°37	9°11	8°11	23°27	4°44	9°43	17°34	16° 2	16°20	5°45	W22
T 23	22 6 23	0♍43'58	6♊23	24°26	7° 6	24°11	9°12	8° 8	23°24	4°42	9°44	17°D34	15°59	16°26	5°46	T 23
F 24	22 10 19	1°41'27	18°48	25°52	8°19	24°45	9°13	8° 5	23°22	4°41	9°46	17°35	15°56	16°33	5°47	F 24
S 25	22 14 16	2°38'57	0♋57	27°17	9°32	25°19	9°14	8° 2	23°19	4°40	9°47	17°36	15°52	16°40	5°48	S 25
S 26	22 18 12	3°36'29	12°55	28°39	10°44	25°52	9°14	7°59	23°17	4°38	9°49	17°R37	15°49	16°46	5°49	S 26
M27	22 22 9	4°34'01	24°45	29°59	11°57	26°26	9°15	7°55	23°15	4°37	9°50	17°37	15°46	16°53	5°50	M27
T 28	22 26 5	5°31'35	6♌33	1♎19	13°10	26°58	9°15	7°52	23°12	4°36	9°52	17°35	15°43	17° 0	5°50	T 28
W29	22 30 2	6°29'10	18°20	2°35	14°23	27°31	9°R15	7°48	23°10	4°34	9°53	17°31	15°40	17° 6	5°51	W29
T 30	22 33 59	7°26'46	0♍11	3°50	15°36	28° 3	9°15	7°45	23° 8	4°33	9°55	17°24	15°37	17°13	5°52	T 30
F 31	22 37 55	8♍24'23	12♍ 6	5♎ 3	16♌50	28♉35	9♉15	7♈41	23♒ 6	4♈32	9♌56	17♋16	15♋33	17♌20	5♊52	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n42	19n35	1n54	17n47	1n46	22n 0	0s52	12n39	2s26	12n53	1s16	1n28	2s15	14s 3	0s44	1n 2	1s 4	18n43	0n53	22n 2	22n12	18n45	17n36	3s29
T 2	17 27	17 1	2 52	17 11	1 47	21 57	0 49	12 51	2 26	12 55	1 16	1 27	2 15	14 3	0 44	1 2	1 4	18 42	0 54	22 2	22 12	18 44	17 36	3 29
F 3	17 11	13 45	3 42	16 33	1 48	21 53	0 47	13 2	2 26	12 56	1 17	1 26	2 15	14 4	0 44	1 1	1 4	18 42	0 54	22 3	22 13	18 43	17 36	3 29
S 4	16 56	9 54	4 23	15 54	1 47	21 49	0 44	13 14	2 26	12 57	1 17	1 25	2 15	14 5	0 44	1 1	1 4	18 41	0 54	22 3	22 13	18 42	17 36	3 30
S 5	16 39	5 39	4 53	15 15	1 47	21 44	0 41	13 25	2 26	12 59	1 17	1 24	2 16	14 6	0 44	1 1	1 4	18 41	0 54	22 4	22 13	18 40	17 36	3 30
M 6	16 23	1 8	5 10	14 34	1 45	21 38	0 38	13 36	2 26	13 0	1 17	1 24	2 16	14 7	0 44	1 0	1 4	18 41	0 54	22 4	22 14	18 39	17 36	3 30
T 7	16 6	3s30	5 13	13 53	1 43	21 32	0 35	13 47	2 26	13 1	1 18	1 23	2 16	14 7	0 44	1 0	1 4	18 40	0 54	22 5	22 14	18 38	17 37	3 31
W 8	15 49	8 5	5 1	13 10	1 40	21 25	0 33	13 58	2 26	13 2	1 18	1 22	2 16	14 8	0 44	1 0	1 4	18 40	0 54	22 5	22 14	18 37	17 37	3 31
T 9	15 32	12 26	4 34	12 28	1 37	21 17	0 30	14 8	2 26	13 3	1 18	1 21	2 17	14 9	0 44	0 59	1 4	18 40	0 54	22 5	22 15	18 36	17 37	3 31
F 10	15 15	16 19	3 52	11 45	1 33	21 9	0 27	14 19	2 26	13 4	1 18	1 20	2 17	14 10	0 44	0 59	1 4	18 39	0 54	22 5	22 15	18 34	17 37	3 31
S 11	14 57	19 26	2 56	11 1	1 29	21 1	0 24	14 29	2 26	13 5	1 19	1 19	2 17	14 11	0 44	0 58	1 4	18 39	0 54	22 5	22 16	18 33	17 37	3 32
S 12	14 39	21 30	1 47	10 17	1 24	20 51	0 21	14 39	2 26	13 6	1 19	1 18	2 17	14 11	0 45	0 58	1 4	18 39	0 54	22 5	22 16	18 32	17 37	3 32
M13	14 21	22 12	0 29	9 33	1 18	20 42	0 18	14 50	2 26	13 6	1 19	1 17	2 17	14 12	0 45	0 57	1 4	18 38	0 54	22 5	22 16	18 31	17 37	3 32
T 14	14 3	21 22	0s52	8 49	1 13	20 31	0 16	14 59	2 26	13 7	1 19	1 16	2 18	14 13	0 45	0 57	1 4	18 38	0 54	22 5	22 17	18 30	17 37	3 32
W15	13 44	18 59	2 10	8 5	1 6	20 20	0 13	15 9	2 26	13 8	1 20	1 14	2 18	14 14	0 45	0 56	1 4	18 38	0 54	22 5	22 17	18 28	17 37	3 33
T 16	13 26	15 15	3 20	7 21	1 0	20 8	0 10	15 19	2 25	13 8	1 20	1 13	2 18	14 15	0 45	0 56	1 4	18 37	0 54	22 5	22 18	18 27	17 37	3 33
F 17	13 7	10 32	4 16	6 36	0 53	19 56	0 7	15 28	2 25	13 9	1 20	1 12	2 18	14 15	0 45	0 56	1 4	18 37	0 55	22 6	22 18	18 26	17 37	3 33
S 18	12 47	5 15	4 53	5 52	0 46	19 44	0 4	15 38	2 25	13 9	1 20	1 11	2 19	14 16	0 45	0 55	1 4	18 36	0 55	22 7	22 18	18 25	17 37	3 34
S 19	12 28	0n12	5 9	5 9	0 38	19 30	0 2	15 47	2 25	13 10	1 21	1 9	2 19	14 17	0 45	0 55	1 4	18 36	0 55	22 7	22 19	18 23	17 36	3 34
M20	12 8	5 29	5 7	4 25	0 30	19 16	0n 1	15 56	2 25	13 10	1 21	1 8	2 19	14 18	0 45	0 54	1 4	18 36	0 55	22 8	22 19	18 22	17 36	3 34
T 21	11 49	10 19	4 47	3 42	0 22	19 2	0 4	16 5	2 24	13 10	1 21	1 7	2 19	14 18	0 45	0 54	1 4	18 35	0 55	22 8	22 19	18 21	17 36	3 34
W22	11 29	14 30	4 12	2 59	0 14	18 47	0 6	16 14	2 24	13 11	1 21	1 5	2 19	14 19	0 45	0 53	1 4	18 35	0 55	22 9	22 20	18 19	17 36	3 35
T 23	11 9	17 52	3 25	2 16	0 5	18 32	0 9	16 22	2 24	13 11	1 22	1 4	2 20	14 20	0 45	0 52	1 4	18 35	0 55	22 9	22 20	18 18	17 36	3 35
F 24	10 48	20 20	2 30	1 34	0s 4	18 16	0 12	16 31	2 24	13 11	1 22	1 3	2 20	14 21	0 45	0 52	1 4	18 34	0 55	22 8	22 21	18 17	17 36	3 35
S 25	10 28	21 48	1 29	0 52	0 13	17 59	0 14	16 39	2 23	13 11	1 22	1 1	2 20	14 22	0 45	0 51	1 4	18 34	0 55	22 8	22 21	18 16	17 36	3 36
S 26	10 7	22 15	0 25	0 11	0 23	17 42	0 17	16 47	2 23	13 11	1 22	1 0	2 20	14 22	0 45	0 51	1 4	18 34	0 55	22 8	22 21	18 14	17 36	3 36
M27	9 47	21 40	0n39	0s29	0 32	17 25	0 20	16 55	2 23	13 11	1 23	0 58	2 20	14 23	0 45	0 50	1 4	18 33	0 55	22 8	22 22	18 13	17 36	3 36
T 28	9 26	20 8	1 41	1 9	0 42	17 7	0 22	17 3	2 22	13 11	1 23	0 57	2 21	14 24	0 45	0 50	1 4	18 33	0 55	22 8	22 22	18 12	17 35	3 36
W29	9 5	17 44	2 38	1 49	0 51	16 48	0 25	17 11	2 22	13 10	1 23	0 55	2 21	14 25	0 45	0 49	1 4	18 33	0 55	22 9	22 22	18 10	17 35	3 37
T 30	8 43	14 36	3 29	2 27	1 1	16 29	0 27	17 18	2 21	13 10	1 23	0 54	2 21	14 25	0 45	0 49	1 4	18 33	0 55	22 10	22 23	18 9	17 35	3 37
F 31	8n22	10n50	4n11	3s 5	1s11	16n10	0n30	17n26	2s21	13n10	1s24	0n52	2s21	14s26	0s45	0n48	1s 5	18n32	0n55	22n11	22n23	18n 8	17n35	3s37

Julian Day Number = 2880186.5, Delta T = 01h15m18s
Ecliptic obliquity = 23°17'12, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°10'32, Lahiri = 40°17'32

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ASTRODIENST EPHEMERIS for the year 3173
geocentric

SEPTEMBER 3173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 41 52	9♍22'01	24♍ 8	6♎14	18♌ 3	29♉ 7	9°R14	7°R37	23°R 3	4°R30	9♌58	17°R 7	15♋30	17♌26	5♊53	S 1
S 2	22 45 48	10°19'40	6♎18	7°22	19°16	29°38	9♉13	7♈34	23♒ 1	4♈29	9°59	16♋57	15°27	17°33	5°53	S 2
M 3	22 49 45	11°17'20	18°37	8°28	20°29	0♊10	9°12	7°30	22°59	4°27	10° 0	16°47	15°24	17°40	5°54	M 3
T 4	22 53 41	12°15'01	1♏ 7	9°32	21°42	0°40	9°11	7°26	22°56	4°26	10° 2	16°39	15°21	17°46	5°54	T 4
W 5	22 57 38	13°12'43	13°49	10°33	22°56	1°11	9°10	7°22	22°54	4°24	10° 3	16°34	15°17	17°53	5°54	W 5
T 6	23 1 34	14°10'26	26°46	11°31	24° 9	1°41	9° 8	7°18	22°52	4°23	10° 5	16°30	15°14	17°59	5°55	T 6
F 7	23 5 31	15° 8'10	10♐ 1	12°27	25°22	2°10	9° 6	7°14	22°50	4°21	10° 6	16°D28	15°11	18° 6	5°55	F 7
S 8	23 9 28	16° 5'55	23°35	13°20	26°36	2°39	9° 4	7°10	22°48	4°20	10° 7	16°28	15° 8	18°13	5°55	S 8
S 9	23 13 24	17° 3'41	7♑30	14° 9	27°49	3° 8	9° 2	7° 6	22°46	4°18	10° 9	16°29	15° 5	18°20	5°R55	S 9
M10	23 17 21	18° 1'29	21°47	14°56	29° 3	3°37	9° 0	7° 2	22°44	4°16	10°10	16°R29	15° 2	18°26	5°55	M10
T 11	23 21 17	18°59'17	6♒24	15°39	0♍16	4° 5	8°57	6°57	22°41	4°15	10°11	16°28	14°58	18°33	5°55	T 11
W12	23 25 14	19°57'06	21°18	16°18	1°30	4°33	8°55	6°53	22°39	4°13	10°13	16°24	14°55	18°40	5°55	W12
T 13	23 29 10	20°54'57	6♓22	16°54	2°44	5° 0	8°52	6°49	22°37	4°12	10°14	16°18	14°52	18°46	5°55	T 13
F 14	23 33 7	21°52'49	21°26	17°25	3°57	5°27	8°49	6°45	22°35	4°10	10°15	16° 9	14°49	18°53	5°54	F 14
S 15	23 37 3	22°50'42	6♈21	17°52	5°11	5°53	8°45	6°40	22°33	4° 9	10°16	15°59	14°46	19° 0	5°54	S 15
S 16	23 41 0	23°48'37	20°58	18°14	6°25	6°19	8°42	6°36	22°31	4° 7	10°18	15°50	14°43	19° 6	5°54	S 16
M17	23 44 57	24°46'33	5♉11	18°31	7°38	6°45	8°38	6°31	22°30	4° 5	10°19	15°41	14°39	19°13	5°53	M17
T 18	23 48 53	25°44'31	18°55	18°44	8°52	7°10	8°34	6°27	22°28	4° 4	10°20	15°34	14°36	19°20	5°53	T 18
W19	23 52 50	26°42'31	2♊11	18°50	10° 6	7°35	8°30	6°23	22°26	4° 2	10°21	15°29	14°33	19°26	5°52	W19
T 20	23 56 46	27°40'33	14°59	18°R51	11°20	7°59	8°26	6°18	22°24	4° 0	10°22	15°26	14°30	19°33	5°52	T 20
F 21	0 0 43	28°38'37	27°26	18°46	12°34	8°23	8°22	6°14	22°22	3°59	10°23	15°D26	14°27	19°40	5°51	F 21
S 22	0 4 39	29°36'42	9♋34	18°35	13°48	8°46	8°17	6° 9	22°20	3°57	10°25	15°R26	14°23	19°46	5°50	S 22
S 23	0 8 36	0♎34'50	21°31	18°18	15° 2	9° 9	8°12	6° 4	22°19	3°55	10°26	15°26	14°20	19°53	5°49	S 23
M24	0 12 32	1°32'59	3♌20	17°54	16°16	9°31	8° 7	6° 0	22°17	3°54	10°27	15°24	14°17	20° 0	5°49	M24
T 25	0 16 29	2°31'10	15° 8	17°24	17°30	9°52	8° 2	5°55	22°15	3°52	10°28	15°21	14°14	20° 6	5°48	T 25
W26	0 20 25	3°29'23	26°57	16°48	18°44	10°13	7°57	5°51	22°14	3°51	10°29	15°15	14°11	20°13	5°47	W26
T 27	0 24 22	4°27'38	8♍52	16° 6	19°58	10°34	7°52	5°46	22°12	3°49	10°30	15° 6	14° 8	20°20	5°46	T 27
F 28	0 28 19	5°25'54	20°56	15°18	21°12	10°54	7°46	5°42	22°11	3°47	10°31	14°55	14° 4	20°26	5°45	F 28
S 29	0 32 15	6°24'12	3♎ 9	14°26	22°26	11°13	7°40	5°37	22° 9	3°46	10°32	14°42	14° 1	20°33	5°44	S 29
S 30	0 36 12	7♎22'32	15♎32	13♎29	23♍40	11♊32	7♉34	5♈32	22♒ 8	3♈44	10♌33	14♋28	13♋58	20♌40	5♊43	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n 0	6n38	4n42	3s42	1s21	15n50	0n32	17n33	2s20	13n 9	1s24	0n50	2s21	14s27	0s44	0n47	1s 5	18n32	0n56	22n12	22n24	18n 6	17n35	3s38
S 2	7 39	2 7	5 0	4 19	1 32	15 30	0 35	17 40	2 20	13 9	1 24	0 49	2 21	14 28	0 44	0 47	1 5	18 32	0 56	22 13	22 24	18 5	17 34	3 38
M 3	7 17	2s32	5 5	4 54	1 42	15 9	0 37	17 47	2 19	13 8	1 24	0 47	2 22	14 28	0 44	0 46	1 5	18 31	0 56	22 14	22 24	18 4	17 34	3 38
T 4	6 55	7 9	4 56	5 28	1 52	14 48	0 39	17 54	2 19	13 8	1 25	0 46	2 22	14 29	0 44	0 46	1 5	18 31	0 56	22 15	22 25	18 2	17 34	3 39
W 5	6 33	11 33	4 32	6 1	2 2	14 26	0 42	18 1	2 18	13 7	1 25	0 44	2 22	14 30	0 44	0 45	1 5	18 31	0 56	22 16	22 25	18 1	17 34	3 39
T 6	6 11	15 31	3 54	6 34	2 12	14 5	0 44	18 7	2 18	13 6	1 25	0 42	2 22	14 30	0 44	0 44	1 5	18 30	0 56	22 17	22 25	18 0	17 33	3 39
F 7	5 49	18 48	3 2	7 5	2 23	13 42	0 46	18 14	2 17	13 6	1 25	0 40	2 22	14 31	0 44	0 44	1 5	18 30	0 56	22 17	22 26	17 58	17 33	3 39
S 8	5 27	21 9	1 59	7 34	2 33	13 19	0 48	18 20	2 16	13 5	1 25	0 39	2 22	14 32	0 44	0 43	1 5	18 30	0 56	22 17	22 26	17 57	17 33	3 40
S 9	5 5	22 17	0 48	8 3	2 43	12 56	0 50	18 26	2 16	13 4	1 26	0 37	2 22	14 33	0 44	0 42	1 5	18 30	0 56	22 17	22 26	17 56	17 33	3 40
M10	4 42	22 0	0s28	8 30	2 52	12 33	0 52	18 32	2 15	13 3	1 26	0 35	2 23	14 33	0 44	0 42	1 5	18 29	0 56	22 17	22 27	17 54	17 32	3 40
T 11	4 20	20 14	1 44	8 55	3 2	12 9	0 54	18 38	2 14	13 2	1 26	0 33	2 23	14 34	0 44	0 41	1 5	18 29	0 56	22 17	22 27	17 53	17 32	3 41
W12	3 57	17 4	2 54	9 19	3 11	11 45	0 56	18 44	2 13	13 1	1 26	0 32	2 23	14 34	0 44	0 41	1 5	18 29	0 56	22 17	22 27	17 52	17 32	3 41
T 13	3 35	12 44	3 53	9 41	3 20	11 20	0 58	18 49	2 12	13 0	1 27	0 30	2 23	14 35	0 44	0 40	1 5	18 28	0 56	22 18	22 28	17 50	17 31	3 41
F 14	3 12	7 36	4 36	10 1	3 29	10 56	1 0	18 55	2 12	12 58	1 27	0 28	2 23	14 36	0 44	0 39	1 5	18 28	0 57	22 19	22 28	17 49	17 31	3 41
S 15	2 49	2 4	4 59	10 19	3 37	10 31	1 2	19 0	2 11	12 57	1 27	0 26	2 23	14 36	0 44	0 39	1 5	18 28	0 57	22 20	22 29	17 47	17 31	3 42
S 16	2 27	3n28	5 2	10 35	3 45	10 5	1 3	19 6	2 10	12 56	1 27	0 24	2 23	14 37	0 44	0 38	1 5	18 28	0 57	22 21	22 29	17 46	17 30	3 42
M17	2 4	8 40	4 46	10 48	3 53	9 40	1 5	19 11	2 9	12 55	1 27	0 23	2 23	14 38	0 44	0 37	1 5	18 27	0 57	22 22	22 29	17 45	17 30	3 42
T 18	1 41	13 16	4 14	10 59	3 59	9 14	1 7	19 16	2 8	12 53	1 28	0 21	2 23	14 38	0 44	0 37	1 5	18 27	0 57	22 23	22 30	17 43	17 30	3 43
W19	1 18	17 3	3 29	11 7	4 5	8 47	1 8	19 21	2 7	12 52	1 28	0 19	2 24	14 39	0 44	0 36	1 5	18 27	0 57	22 24	22 30	17 42	17 29	3 43
T 20	0 55	19 53	2 34	11 12	4 10	8 21	1 10	19 26	2 6	12 50	1 28	0 17	2 24	14 39	0 44	0 35	1 5	18 27	0 57	22 24	22 30	17 40	17 29	3 43
F 21	0 32	21 42	1 34	11 14	4 15	7 54	1 11	19 30	2 5	12 49	1 28	0 15	2 24	14 40	0 44	0 35	1 5	18 26	0 57	22 24	22 31	17 39	17 29	3 44
S 22	0 9	22 26	0 31	11 13	4 18	7 27	1 13	19 35	2 4	12 47	1 28	0 13	2 24	14 40	0 44	0 34	1 5	18 26	0 57	22 24	22 31	17 38	17 28	3 44
S 23	0s14	22 7	0n32	11 8	4 20	7 0	1 14	19 40	2 3	12 45	1 29	0 12	2 24	14 41	0 44	0 33	1 5	18 26	0 57	22 24	22 31	17 36	17 28	3 44
M24	0 37	20 48	1 34	11 0	4 20	6 33	1 15	19 44	2 1	12 44	1 29	0 10	2 24	14 42	0 44	0 33	1 5	18 26	0 57	22 24	22 32	17 35	17 27	3 44
T 25	1 0	18 36	2 31	10 47	4 19	6 5	1 17	19 48	2 0	12 42	1 29	0 8	2 24	14 42	0 44	0 32	1 5	18 26	0 57	22 25	22 32	17 33	17 27	3 45
W26	1 23	15 36	3 21	10 31	4 17	5 37	1 18	19 53	1 59	12 40	1 29	0 6	2 24	14 43	0 44	0 31	1 5	18 25	0 58	22 25	22 32	17 32	17 26	3 45
T 27	1 46	11 57	4 3	10 11	4 13	5 10	1 19	19 57	1 58	12 38	1 29	0 4	2 24	14 43	0 44	0 31	1 5	18 25	0 58	22 26	22 33	17 30	17 26	3 45
F 28	2 9	7 47	4 35	9 47	4 7	4 41	1 20	20 1	1 56	12 36	1 29	0 2	2 24	14 44	0 44	0 30	1 5	18 25	0 58	22 28	22 33	17 29	17 26	3 46
S 29	2 32	3 16	4 54	9 20	3 59	4 13	1 21	20 5	1 55	12 34	1 29	0 0	2 24	14 44	0 44	0 29	1 5	18 25	0 58	22 29	22 33	17 27	17 25	3 46
S 30	2s55	1s27	5n 0	8s49	3s49	3n45	1n22	20n 9	1s54	12n32	1s30	0s 1	2s24	14s44	0s44	0n29	1s 5	18n25	0n58	22n30	22n34	17n26	17n25	3s46

Julian Day Number = 2880217.5, Delta T = 01h15m19s
Ecliptic obliquity = 23°17'13, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°10'36, Lahiri = 40°17'36

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ASTRODIENST EPHEMERIS for the year 3173
geocentric

OCTOBER 3173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 40 8	8♎20'54	28♎ 7	12°R30	24♍55	11♊50	7°R28	5°R28	22°R 6	3°R42	10♌34	14°R15	13♋55	20♌46	5°R41	M 1
T 2	0 44 5	9°19'18	10♏53	11♎28	26° 9	12° 7	7♉22	5♈23	22♒ 5	3♈41	10°35	14♋ 4	13°52	20°53	5♊40	T 2
W 3	0 48 1	10°17'43	23°50	10°26	27°23	12°24	7°16	5°19	22° 3	3°39	10°36	13°55	13°48	21° 0	5°39	W 3
T 4	0 51 58	11°16'09	6♐58	9°25	28°38	12°40	7° 9	5°14	22° 2	3°37	10°37	13°49	13°45	21° 6	5°37	T 4
F 5	0 55 54	12°14'38	20°19	8°27	29°52	12°55	7° 3	5°10	22° 1	3°36	10°38	13°46	13°42	21°13	5°36	F 5
S 6	0 59 51	13°13'08	3♑54	7°32	1♎ 6	13°10	6°56	5° 5	22° 0	3°34	10°38	13°45	13°39	21°20	5°34	S 6
S 7	1 3 48	14°11'39	17°43	6°43	2°21	13°24	6°49	5° 1	21°58	3°32	10°39	13°45	13°36	21°26	5°33	S 7
M 8	1 7 44	15°10'12	1♒48	6° 0	3°35	13°38	6°42	4°56	21°57	3°31	10°40	13°44	13°33	21°33	5°31	M 8
T 9	1 11 41	16° 8'46	16° 8	5°25	4°49	13°50	6°35	4°52	21°56	3°29	10°41	13°42	13°29	21°40	5°30	T 9
W10	1 15 37	17° 7'22	0♓41	4°58	6° 4	14° 2	6°28	4°47	21°55	3°28	10°42	13°38	13°26	21°46	5°28	W10
T 11	1 19 34	18° 6'00	15°23	4°40	7°18	14°13	6°21	4°43	21°54	3°26	10°42	13°30	13°23	21°53	5°26	T 11
F 12	1 23 30	19° 4'39	0♈ 7	4°D32	8°33	14°24	6°14	4°38	21°53	3°24	10°43	13°21	13°20	22° 0	5°25	F 12
S 13	1 27 27	20° 3'20	14°45	4°35	9°48	14°33	6° 6	4°34	21°52	3°23	10°44	13° 9	13°17	22° 6	5°23	S 13
S 14	1 31 23	21° 2'03	29°11	4°47	11° 2	14°42	5°59	4°30	21°51	3°21	10°45	12°58	13°14	22°13	5°21	S 14
M15	1 35 20	22° 0'48	13♉16	5° 9	12°17	14°50	5°51	4°25	21°51	3°20	10°45	12°47	13°10	22°20	5°19	M15
T 16	1 39 17	22°59'35	26°57	5°40	13°31	14°58	5°44	4°21	21°50	3°18	10°46	12°38	13° 7	22°26	5°17	T 16
W17	1 43 13	23°58'24	10♊12	6°21	14°46	15° 4	5°36	4°17	21°49	3°17	10°47	12°32	13° 4	22°33	5°15	W17
T 18	1 47 10	24°57'15	23° 3	7°10	16° 1	15°10	5°28	4°13	21°48	3°15	10°47	12°29	13° 1	22°40	5°13	T 18
F 19	1 51 6	25°56'09	5♋31	8° 7	17°15	15°15	5°20	4° 9	21°48	3°14	10°48	12°27	12°58	22°46	5°11	F 19
S 20	1 55 3	26°55'04	17°41	9°11	18°30	15°19	5°12	4° 5	21°47	3°12	10°48	12°D27	12°54	22°53	5° 9	S 20
S 21	1 58 59	27°54'02	29°39	10°22	19°45	15°22	5° 4	4° 1	21°47	3°11	10°49	12°R27	12°51	23° 0	5° 6	S 21
M22	2 2 56	28°53'02	11♌30	11°39	20°59	15°24	4°56	3°57	21°46	3° 9	10°49	12°26	12°48	23° 6	5° 4	M22
T 23	2 6 52	29°52'05	23°19	13° 0	22°14	15°25	4°48	3°53	21°46	3° 8	10°50	12°24	12°45	23°13	5° 2	T 23
W24	2 10 49	0♏51'09	5♍11	14°27	23°29	15°R26	4°40	3°49	21°45	3° 6	10°50	12°19	12°42	23°20	5° 0	W24
T 25	2 14 46	1°50'16	17°11	15°56	24°44	15°25	4°32	3°45	21°45	3° 5	10°51	12°11	12°39	23°26	4°57	T 25
F 26	2 18 42	2°49'25	29°21	17°30	25°59	15°24	4°24	3°42	21°45	3° 4	10°51	12° 2	12°35	23°33	4°55	F 26
S 27	2 22 39	3°48'36	11♎45	19° 5	27°14	15°22	4°16	3°38	21°44	3° 2	10°51	11°50	12°32	23°40	4°52	S 27
S 28	2 26 35	4°47'48	24°23	20°43	28°28	15°19	4° 8	3°34	21°44	3° 1	10°52	11°38	12°29	23°46	4°50	S 28
M29	2 30 32	5°47'04	7♏16	22°23	29°43	15°15	4° 0	3°31	21°44	3° 0	10°52	11°26	12°26	23°53	4°47	M29
T 30	2 34 28	6°46'21	20°22	24° 4	0♏58	15°10	3°52	3°27	21°44	2°58	10°52	11°16	12°23	24° 0	4°45	T 30
W31	2 38 25	7♏45'40	3♐41	25♎46	2♏13	15♊ 4	3♉44	3♈24	21°D44	2♈57	10♌53	11♋ 8	12♋19	24♌ 6	4♊42	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s17	6s11	4n51	8s15	3s38	3n16	1n22	20n12	1s52	12n30	1s30	0s 3	2s24	14s45	0s44	0n28	1s 5	18n24	0n58	22n32	22n34	17n25	17n24	3s46
T 2	3 40	10 44	4 28	7 39	3 24	2 48	1 23	20 16	1 51	12 28	1 30	0 5	2 24	14 45	0 44	0 27	1 5	18 24	0 58	22 33	22 34	17 23	17 24	3 47
W 3	4 3	14 52	3 51	7 1	3 9	2 19	1 24	20 20	1 49	12 26	1 30	0 7	2 24	14 46	0 44	0 27	1 5	18 24	0 58	22 34	22 35	17 22	17 23	3 47
T 4	4 26	18 21	3 1	6 22	2 53	1 50	1 25	20 23	1 48	12 24	1 30	0 9	2 24	14 46	0 44	0 26	1 5	18 24	0 58	22 35	22 35	17 20	17 23	3 47
F 5	4 49	20 56	2 0	5 42	2 35	1 21	1 25	20 27	1 46	12 21	1 30	0 10	2 24	14 47	0 44	0 26	1 5	18 24	0 58	22 35	22 35	17 19	17 22	3 47
S 6	5 11	22 22	0 52	5 3	2 16	0 52	1 26	20 30	1 45	12 19	1 30	0 12	2 24	14 47	0 44	0 25	1 5	18 24	0 58	22 35	22 36	17 17	17 22	3 48
S 7	5 34	22 28	0s21	4 26	1 56	0 23	1 26	20 34	1 43	12 17	1 31	0 14	2 24	14 47	0 44	0 24	1 5	18 23	0 58	22 35	22 36	17 16	17 21	3 48
M 8	5 56	21 10	1 34	3 50	1 36	0s 6	1 26	20 37	1 41	12 14	1 31	0 16	2 24	14 48	0 44	0 24	1 5	18 23	0 59	22 35	22 36	17 14	17 21	3 48
T 9	6 19	18 29	2 42	3 18	1 16	0 35	1 27	20 40	1 39	12 12	1 31	0 17	2 24	14 48	0 44	0 23	1 5	18 23	0 59	22 35	22 37	17 13	17 20	3 48
W10	6 41	14 36	3 41	2 49	0 56	1 4	1 27	20 43	1 38	12 10	1 31	0 19	2 24	14 48	0 44	0 22	1 5	18 23	0 59	22 36	22 37	17 11	17 19	3 49
T 11	7 3	9 48	4 26	2 24	0 36	1 33	1 27	20 47	1 36	12 7	1 31	0 21	2 24	14 49	0 44	0 22	1 5	18 23	0 59	22 36	22 37	17 10	17 19	3 49
F 12	7 25	4 26	4 53	2 4	0 17	2 2	1 27	20 50	1 34	12 5	1 31	0 23	2 24	14 49	0 44	0 21	1 5	18 23	0 59	22 37	22 37	17 8	17 18	3 49
S 13	7 48	1n 9	5 0	1 48	0n 0	2 31	1 27	20 53	1 32	12 2	1 31	0 24	2 24	14 49	0 44	0 20	1 5	18 23	0 59	22 38	22 38	17 7	17 18	3 50
S 14	8 9	6 36	4 49	1 37	0 17	3 0	1 27	20 56	1 30	12 0	1 31	0 26	2 24	14 49	0 44	0 20	1 5	18 23	0 59	22 40	22 38	17 5	17 17	3 50
M15	8 31	11 35	4 20	1 32	0 33	3 29	1 27	20 59	1 28	11 57	1 31	0 28	2 24	14 50	0 44	0 19	1 5	18 22	0 59	22 41	22 38	17 4	17 17	3 50
T 16	8 53	15 51	3 36	1 31	0 47	3 58	1 27	21 2	1 26	11 55	1 31	0 29	2 24	14 50	0 44	0 19	1 5	18 22	0 59	22 41	22 39	17 2	17 16	3 50
W17	9 15	19 10	2 42	1 35	1 0	4 27	1 27	21 5	1 23	11 52	1 31	0 31	2 24	14 50	0 44	0 18	1 5	18 22	0 59	22 42	22 39	17 0	17 15	3 50
T 18	9 36	21 25	1 41	1 44	1 12	4 56	1 26	21 7	1 21	11 50	1 31	0 32	2 24	14 50	0 44	0 17	1 5	18 22	0 59	22 42	22 39	16 59	17 15	3 51
F 19	9 57	22 34	0 37	1 57	1 22	5 24	1 26	21 10	1 19	11 47	1 31	0 34	2 24	14 50	0 44	0 17	1 5	18 22	0 59	22 42	22 40	16 57	17 14	3 51
S 20	10 19	22 35	0n28	2 14	1 31	5 53	1 26	21 13	1 17	11 44	1 31	0 36	2 24	14 51	0 43	0 16	1 5	18 22	1 0	22 42	22 40	16 56	17 14	3 51
S 21	10 40	21 34	1 30	2 34	1 38	6 22	1 25	21 16	1 14	11 42	1 31	0 37	2 24	14 51	0 43	0 16	1 5	18 22	1 0	22 42	22 40	16 54	17 13	3 51
M22	11 1	19 35	2 28	2 58	1 44	6 50	1 25	21 18	1 12	11 39	1 31	0 39	2 24	14 51	0 43	0 15	1 5	18 22	1 0	22 43	22 41	16 53	17 12	3 52
T 23	11 21	16 48	3 19	3 26	1 49	7 18	1 24	21 21	1 9	11 36	1 31	0 40	2 24	14 51	0 43	0 15	1 5	18 22	1 0	22 43	22 41	16 51	17 12	3 52
W24	11 42	13 18	4 2	3 55	1 53	7 46	1 23	21 23	1 7	11 34	1 31	0 41	2 24	14 51	0 43	0 14	1 5	18 22	1 0	22 43	22 41	16 50	17 11	3 52
T 25	12 2	9 15	4 34	4 27	1 56	8 14	1 22	21 26	1 4	11 31	1 31	0 43	2 23	14 51	0 43	0 14	1 5	18 22	1 0	22 44	22 41	16 48	17 11	3 52
F 26	12 22	4 46	4 55	5 1	1 57	8 42	1 22	21 28	1 2	11 28	1 31	0 44	2 23	14 51	0 43	0 13	1 5	18 22	1 0	22 45	22 42	16 46	17 10	3 53
S 27	12 42	0 1	5 2	5 37	1 58	9 10	1 21	21 31	0 59	11 26	1 31	0 46	2 23	14 51	0 43	0 12	1 5	18 22	1 0	22 46	22 42	16 45	17 9	3 53
S 28	13 2	4s49	4 55	6 13	1 57	9 37	1 20	21 33	0 56	11 23	1 31	0 47	2 23	14 51	0 43	0 12	1 5	18 22	1 0	22 47	22 42	16 43	17 9	3 53
M29	13 22	9 33	4 33	6 51	1 56	10 4	1 19	21 36	0 53	11 20	1 31	0 48	2 23	14 51	0 43	0 11	1 5	18 22	1 0	22 48	22 43	16 42	17 8	3 53
T 30	13 41	13 56	3 56	7 30	1 55	10 31	1 18	21 38	0 50	11 18	1 31	0 49	2 23	14 51	0 43	0 11	1 5	18 22	1 0	22 49	22 43	16 40	17 7	3 53
W31	14s 1	17s43	3n 5	8s 9	1n52	10s58	1n17	21n40	0s48	11n15	1s31	0s51	2s23	14s51	0s43	0n10	1s 5	18n22	1n 1	22n49	22n43	16n38	17n 7	3s54

Julian Day Number = 2880247.5, Delta T = 01h15m19s
Ecliptic obliquity = 23°17'13, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°10'40, Lahiri = 40°17'41

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ASTRODIENST EPHEMERIS for the year 3173
geocentric

NOVEMBER 3173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 42 21	8♏45'01	17♐11	27♎29	3♏28	14°R57	3°R36	3°R21	21♒44	2°R56	10♌53	11°R 3	12♋16	24♌13	4°R40	T 1
F 2	2 46 18	9°44'23	0♑50	29°12	4°43	14♊49	3♉28	3♈17	21°44	2♈55	10°53	11♋ 1	12°13	24°20	4♊37	F 2
S 3	2 50 14	10°43'48	14°37	0♏56	5°58	14°41	3°20	3°14	21°44	2°53	10°53	11°D 0	12°10	24°27	4°34	S 3
S 4	2 54 11	11°43'14	28°32	2°39	7°13	14°31	3°12	3°11	21°44	2°52	10°54	11° 1	12° 7	24°33	4°32	S 4
M 5	2 58 8	12°42'42	12♒35	4°23	8°28	14°21	3° 4	3° 8	21°44	2°51	10°54	11°R 1	12° 4	24°40	4°29	M 5
T 6	3 2 4	13°42'11	26°44	6° 6	9°43	14°10	2°56	3° 5	21°45	2°50	10°54	11° 1	12° 0	24°47	4°26	T 6
W 7	3 6 1	14°41'42	10♓59	7°50	10°58	13°58	2°48	3° 2	21°45	2°49	10°54	10°58	11°57	24°53	4°24	W 7
T 8	3 9 57	15°41'15	25°17	9°33	12°13	13°46	2°41	3° 0	21°45	2°48	10°54	10°53	11°54	25° 0	4°21	T 8
F 9	3 13 54	16°40'49	9♈34	11°15	13°28	13°32	2°33	2°57	21°46	2°46	10°54	10°46	11°51	25° 7	4°18	F 9
S 10	3 17 50	17°40'25	23°46	12°57	14°43	13°18	2°25	2°54	21°46	2°45	10°54	10°37	11°48	25°13	4°15	S 10
S 11	3 21 47	18°40'03	7♉47	14°39	15°58	13° 3	2°18	2°52	21°47	2°44	10°R54	10°28	11°45	25°20	4°12	S 11
M12	3 25 43	19°39'43	21°33	16°20	17°13	12°48	2°11	2°49	21°47	2°43	10°54	10°20	11°41	25°27	4° 9	M12
T 13	3 29 40	20°39'25	5♊ 0	18° 1	18°28	12°31	2° 3	2°47	21°48	2°42	10°54	10°13	11°38	25°33	4° 7	T 13
W14	3 33 37	21°39'09	18° 6	19°41	19°43	12°14	1°56	2°45	21°49	2°41	10°54	10° 9	11°35	25°40	4° 4	W14
T 15	3 37 33	22°38'54	0♋52	21°21	20°59	11°57	1°49	2°43	21°49	2°40	10°54	10° 6	11°32	25°47	4° 1	T 15
F 16	3 41 30	23°38'42	13°19	23° 0	22°14	11°39	1°42	2°41	21°50	2°40	10°54	10°D 6	11°29	25°53	3°58	F 16
S 17	3 45 26	24°38'32	25°30	24°38	23°29	11°20	1°35	2°39	21°51	2°39	10°54	10° 7	11°25	26° 0	3°55	S 17
S 18	3 49 23	25°38'25	7♌29	26°16	24°44	11° 1	1°29	2°37	21°52	2°38	10°54	10° 8	11°22	26° 7	3°52	S 18
M19	3 53 19	26°38'19	19°21	27°54	25°59	10°41	1°22	2°35	21°53	2°37	10°53	10°10	11°19	26°13	3°49	M19
T 20	3 57 16	27°38'15	1♍11	29°31	27°14	10°22	1°16	2°34	21°54	2°36	10°53	10°R10	11°16	26°20	3°46	T 20
W21	4 1 12	28°38'13	13° 5	1♐ 8	28°29	10° 1	1° 9	2°32	21°55	2°36	10°53	10° 9	11°13	26°27	3°43	W21
T 22	4 5 9	29°38'14	25° 6	2°44	29°45	9°41	1° 3	2°30	21°56	2°35	10°53	10° 5	11°10	26°34	3°40	T 22
F 23	4 9 6	0♐38'16	7♎20	4°20	1♐ 0	9°20	0°57	2°29	21°57	2°34	10°52	10° 1	11° 6	26°40	3°37	F 23
S 24	4 13 2	1°38'21	19°50	5°56	2°15	8°59	0°51	2°28	21°58	2°33	10°52	9°55	11° 3	26°47	3°34	S 24
S 25	4 16 59	2°38'27	2♏38	7°31	3°30	8°37	0°45	2°27	21°59	2°33	10°52	9°48	11° 0	26°54	3°31	S 25
M26	4 20 55	3°38'36	15°45	9° 5	4°45	8°16	0°40	2°26	22° 1	2°32	10°51	9°42	10°57	27° 0	3°28	M26
T 27	4 24 52	4°38'46	29°11	10°40	6° 1	7°55	0°34	2°25	22° 2	2°32	10°51	9°36	10°54	27° 7	3°25	T 27
W28	4 28 48	5°38'58	12♐53	12°14	7°16	7°33	0°29	2°24	22° 3	2°31	10°51	9°32	10°51	27°14	3°22	W28
T 29	4 32 45	6°39'12	26°49	13°47	8°31	7°12	0°24	2°23	22° 5	2°31	10°50	9°30	10°47	27°20	3°19	T 29
F 30	4 36 42	7♐39'27	10♑54	15♐21	9♐46	6♊51	0♉19	2♈22	22♒ 6	2♈30	10♌50	9°D29	10♋44	27♌27	3♊16	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s20	20s37	2n 4	8s49	1n49	11s24	1n16	21n42	0s45	11n12	1s31	0s52	2s23	14s51	0s43	0n10	1s 5	18n22	1n 1	22n50	22n43	16n37	17n 6	3s54
F 2	14 38	22 23	0 54	9 28	1 46	11 51	1 14	21 44	0 42	11 10	1 31	0 53	2 23	14 51	0 43	0 9	1 5	18 22	1 1	22 50	22 44	16 35	17 5	3 54
S 3	14 57	22 49	0s19	10 8	1 42	12 17	1 13	21 46	0 39	11 7	1 31	0 54	2 23	14 51	0 43	0 9	1 5	18 22	1 1	22 50	22 44	16 34	17 5	3 54
S 4	15 15	21 50	1 32	10 48	1 37	12 42	1 12	21 48	0 35	11 5	1 31	0 55	2 22	14 51	0 43	0 8	1 5	18 22	1 1	22 50	22 44	16 32	17 4	3 54
M 5	15 33	19 30	2 41	11 27	1 32	13 8	1 10	21 50	0 32	11 2	1 31	0 56	2 22	14 51	0 43	0 8	1 5	18 22	1 1	22 50	22 45	16 30	17 4	3 54
T 6	15 51	15 58	3 40	12 6	1 27	13 33	1 9	21 52	0 29	11 0	1 31	0 57	2 22	14 51	0 43	0 8	1 5	18 22	1 1	22 50	22 45	16 29	17 3	3 55
W 7	16 9	11 29	4 25	12 45	1 21	13 57	1 7	21 54	0 26	10 57	1 30	0 58	2 22	14 51	0 43	0 7	1 5	18 22	1 1	22 50	22 45	16 27	17 2	3 55
T 8	16 26	6 22	4 55	13 23	1 16	14 22	1 6	21 56	0 23	10 54	1 30	0 59	2 22	14 51	0 43	0 7	1 5	18 22	1 1	22 51	22 45	16 25	17 2	3 55
F 9	16 43	0 55	5 6	14 0	1 10	14 46	1 4	21 58	0 19	10 52	1 30	1 0	2 22	14 50	0 43	0 6	1 5	18 22	1 1	22 51	22 46	16 24	17 1	3 55
S 10	17 0	4n33	4 58	14 37	1 4	15 9	1 3	21 59	0 16	10 50	1 30	1 1	2 22	14 50	0 43	0 6	1 5	18 22	1 1	22 52	22 46	16 22	17 0	3 55
S 11	17 16	9 43	4 32	15 13	0 57	15 32	1 1	22 1	0 13	10 47	1 30	1 2	2 21	14 50	0 43	0 6	1 5	18 22	1 2	22 53	22 46	16 20	17 0	3 55
M12	17 32	14 19	3 51	15 48	0 51	15 55	0 59	22 2	0 9	10 45	1 30	1 3	2 21	14 50	0 43	0 5	1 5	18 22	1 2	22 53	22 47	16 19	16 59	3 56
T 13	17 48	18 5	2 58	16 23	0 44	16 18	0 57	22 3	0 6	10 42	1 30	1 4	2 21	14 50	0 43	0 5	1 5	18 23	1 2	22 54	22 47	16 17	16 58	3 56
W14	18 4	20 50	1 56	16 56	0 38	16 40	0 56	22 5	0 2	10 40	1 30	1 4	2 21	14 49	0 43	0 4	1 5	18 23	1 2	22 54	22 47	16 15	16 58	3 56
T 15	18 19	22 27	0 50	17 29	0 31	17 1	0 54	22 6	0n 1	10 38	1 29	1 5	2 21	14 49	0 43	0 4	1 5	18 23	1 2	22 54	22 47	16 14	16 57	3 56
F 16	18 34	22 55	0n17	18 1	0 24	17 22	0 52	22 7	0 5	10 36	1 29	1 6	2 21	14 49	0 43	0 4	1 5	18 23	1 2	22 54	22 48	16 12	16 56	3 56
S 17	18 49	22 15	1 22	18 32	0 17	17 43	0 50	22 8	0 8	10 34	1 29	1 6	2 20	14 48	0 43	0 3	1 5	18 23	1 2	22 54	22 48	16 10	16 56	3 56
S 18	19 3	20 35	2 23	19 2	0 10	18 3	0 48	22 9	0 12	10 31	1 29	1 7	2 20	14 48	0 43	0 3	1 5	18 23	1 2	22 54	22 48	16 9	16 55	3 56
M19	19 17	18 2	3 17	19 31	0 4	18 23	0 46	22 9	0 15	10 29	1 29	1 7	2 20	14 48	0 43	0 3	1 4	18 23	1 2	22 54	22 48	16 7	16 54	3 56
T 20	19 30	14 45	4 2	19 58	0s 3	18 42	0 44	22 10	0 18	10 27	1 28	1 8	2 20	14 47	0 42	0 3	1 4	18 23	1 2	22 54	22 49	16 5	16 54	3 57
W21	19 44	10 52	4 37	20 25	0 10	19 1	0 42	22 10	0 22	10 25	1 28	1 8	2 20	14 47	0 42	0 2	1 4	18 24	1 2	22 54	22 49	16 4	16 53	3 57
T 22	19 57	6 32	5 0	20 51	0 17	19 19	0 40	22 11	0 25	10 23	1 28	1 9	2 20	14 47	0 42	0 2	1 4	18 24	1 2	22 54	22 49	16 2	16 52	3 57
F 23	20 9	1 52	5 10	21 16	0 24	19 37	0 38	22 11	0 29	10 21	1 28	1 9	2 19	14 46	0 42	0 2	1 4	18 24	1 3	22 55	22 50	16 0	16 52	3 57
S 24	20 21	2s59	5 6	21 39	0 30	19 54	0 35	22 11	0 32	10 20	1 28	1 9	2 19	14 46	0 42	0 1	1 4	18 24	1 3	22 55	22 50	15 59	16 51	3 57
S 25	20 33	7 49	4 46	22 2	0 37	20 11	0 33	22 11	0 36	10 18	1 27	1 10	2 19	14 45	0 42	0 1	1 4	18 24	1 3	22 56	22 50	15 57	16 50	3 57
M26	20 45	12 26	4 12	22 23	0 43	20 27	0 31	22 11	0 39	10 16	1 27	1 10	2 19	14 45	0 42	0 1	1 4	18 24	1 3	22 56	22 50	15 55	16 50	3 57
T 27	20 56	16 33	3 22	22 43	0 50	20 42	0 29	22 11	0 43	10 14	1 27	1 10	2 19	14 45	0 42	0 1	1 4	18 25	1 3	22 57	22 51	15 53	16 49	3 57
W28	21 7	19 53	2 20	23 2	0 56	20 57	0 26	22 11	0 46	10 13	1 27	1 10	2 18	14 44	0 42	0 1	1 4	18 25	1 3	22 57	22 51	15 52	16 49	3 57
T 29	21 17	22 6	1 9	23 20	1 2	21 11	0 24	22 11	0 49	10 11	1 27	1 11	2 18	14 44	0 42	0 0	1 4	18 25	1 3	22 57	22 51	15 50	16 48	3 57
F 30	21s27	22s58	0s 8	23s37	1s 8	21s25	0n22	22n10	0n52	10n10	1s26	1s11	2s18	14s43	0s42	0n 0	1s 4	18n25	1n 3	22n57	22n51	15n48	16n47	3s57

Julian Day Number = 2880278.5, Delta T = 01h15m20s
Ecliptic obliquity = 23°17'13, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°10'44, Lahiri = 40°17'45

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ASTRODIENST EPHEMERIS for the year 3173
geocentric

DECEMBER 3173 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 40 38	8♐39'44	25♑ 6	16♐54	11♐ 2	6°R30	0°R14	2°R22	22♒ 8	2°R30	10°R49	9♋30	10♋41	27♌34	3°R13	S 1
S 2	4 44 35	9°40'02	9♒20	18°27	12°17	6♊ 9	0♉10	2♈21	22° 9	2♈29	10♌49	9°31	10°38	27°40	3♊10	S 2
M 3	4 48 31	10°40'22	23°35	19°59	13°32	5°48	0° 5	2°21	22°11	2°29	10°48	9°33	10°35	27°47	3° 7	M 3
T 4	4 52 28	11°40'43	7♓46	21°31	14°47	5°28	0° 1	2°21	22°13	2°29	10°48	9°R33	10°31	27°54	3° 4	T 4
W 5	4 56 24	12°41'05	21°54	23° 3	16° 3	5° 8	29♈57	2°21	22°14	2°28	10°47	9°33	10°28	28° 0	3° 1	W 5
T 6	5 0 21	13°41'28	5♈55	24°35	17°18	4°49	29°53	2°D21	22°16	2°28	10°46	9°32	10°25	28° 7	2°58	T 6
F 7	5 4 17	14°41'53	19°49	26° 6	18°33	4°30	29°50	2°21	22°18	2°28	10°46	9°29	10°22	28°14	2°55	F 7
S 8	5 8 14	15°42'19	3♉33	27°37	19°48	4°11	29°46	2°21	22°20	2°27	10°45	9°26	10°19	28°20	2°52	S 8
S 9	5 12 11	16°42'46	17° 5	29° 8	21° 4	3°53	29°43	2°21	22°21	2°27	10°45	9°22	10°16	28°27	2°49	S 9
M10	5 16 7	17°43'15	0♊25	0♑38	22°19	3°36	29°40	2°22	22°23	2°27	10°44	9°19	10°12	28°34	2°46	M10
T 11	5 20 4	18°43'45	13°30	2° 9	23°34	3°19	29°37	2°22	22°25	2°27	10°43	9°16	10° 9	28°41	2°43	T 11
W12	5 24 0	19°44'16	26°19	3°39	24°50	3° 3	29°34	2°23	22°27	2°27	10°42	9°15	10° 6	28°47	2°41	W12
T 13	5 27 57	20°44'49	8♋54	5° 8	26° 5	2°47	29°32	2°23	22°29	2°27	10°42	9°D14	10° 3	28°54	2°38	T 13
F 14	5 31 53	21°45'23	21°14	6°38	27°20	2°32	29°30	2°24	22°32	2°D27	10°41	9°14	10° 0	29° 1	2°35	F 14
S 15	5 35 50	22°45'59	3♌22	8° 7	28°35	2°18	29°28	2°25	22°34	2°27	10°40	9°16	9°57	29° 7	2°32	S 15
S 16	5 39 46	23°46'37	15°20	9°35	29°51	2° 4	29°26	2°26	22°36	2°27	10°39	9°17	9°53	29°14	2°29	S 16
M17	5 43 43	24°47'15	27°12	11° 3	1♑ 6	1°52	29°24	2°27	22°38	2°27	10°39	9°18	9°50	29°21	2°27	M17
T 18	5 47 40	25°47'56	9♍ 2	12°30	2°21	1°40	29°23	2°29	22°40	2°27	10°38	9°20	9°47	29°27	2°24	T 18
W19	5 51 36	26°48'37	20°55	13°57	3°37	1°28	29°22	2°30	22°43	2°27	10°37	9°20	9°44	29°34	2°21	W19
T 20	5 55 33	27°49'21	2♎55	15°23	4°52	1°18	29°21	2°31	22°45	2°28	10°36	9°R20	9°41	29°41	2°18	T 20
F 21	5 59 29	28°50'05	15° 7	16°49	6° 7	1° 8	29°20	2°33	22°47	2°28	10°35	9°20	9°37	29°47	2°16	F 21
S 22	6 3 26	29°50'51	27°36	18°13	7°23	0°59	29°19	2°35	22°50	2°28	10°34	9°19	9°34	29°54	2°13	S 22
S 23	6 7 22	0♑51'39	10♏26	19°36	8°38	0°51	29°19	2°36	22°52	2°28	10°33	9°18	9°31	0♍ 1	2°11	S 23
M24	6 11 19	1°52'28	23°38	20°58	9°53	0°44	29°D19	2°38	22°55	2°29	10°32	9°17	9°28	0° 8	2° 8	M24
T 25	6 15 15	2°53'18	7♐13	22°18	11° 9	0°38	29°19	2°40	22°57	2°29	10°31	9°16	9°25	0°14	2° 6	T 25
W26	6 19 12	3°54'09	21°11	23°37	12°24	0°32	29°19	2°42	23° 0	2°30	10°30	9°15	9°22	0°21	2° 3	W26
T 27	6 23 9	4°55'02	5♑29	24°54	13°39	0°27	29°19	2°44	23° 2	2°30	10°29	9°D15	9°18	0°28	2° 1	T 27
F 28	6 27 5	5°55'56	20° 2	26° 8	14°55	0°23	29°20	2°47	23° 5	2°30	10°28	9°15	9°15	0°34	1°58	F 28
S 29	6 31 2	6°56'50	4♒43	27°19	16°10	0°20	29°21	2°49	23° 8	2°31	10°27	9°15	9°12	0°41	1°56	S 29
S 30	6 34 58	7°57'45	19°25	28°28	17°25	0°18	29°22	2°52	23°10	2°31	10°26	9°15	9° 9	0°48	1°54	S 30
M31	6 38 55	8♑58'41	4♓ 3	29♑33	18♑41	0♊16	29♈23	2♈54	23♒13	2♈32	10♌25	9°R15	9♋ 6	0♍54	1♊52	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s36	22s22	1s25	23s53	1s14	21s38	0n20	22n10	0n56	10n 8	1s26	1s11	2s18	14s43	0s42	0n 0	1s 4	18n25	1n 3	22n57	22n52	15n46	16n47	3s57
S 2	21 46	20 19	2 36	24 7	1 20	21 50	0 17	22 10	0 59	10 7	1 26	1 11	2 18	14 42	0 42	0 0	1 4	18 26	1 3	22 57	22 52	15 45	16 46	3 58
M 3	21 54	17 1	3 39	24 20	1 26	22 2	0 15	22 9	1 2	10 6	1 26	1 11	2 18	14 42	0 42	0s 0	1 4	18 26	1 3	22 57	22 52	15 43	16 46	3 58
T 4	22 3	12 44	4 27	24 32	1 31	22 13	0 12	22 9	1 5	10 5	1 25	1 11	2 17	14 41	0 42	0 0	1 4	18 26	1 4	22 57	22 52	15 41	16 45	3 58
W 5	22 10	7 47	4 59	24 42	1 36	22 24	0 10	22 8	1 8	10 3	1 25	1 10	2 17	14 40	0 42	0 0	1 4	18 26	1 4	22 57	22 53	15 39	16 44	3 58
T 6	22 18	2 28	5 13	24 52	1 41	22 33	0 8	22 7	1 11	10 2	1 25	1 10	2 17	14 40	0 42	0 0	1 4	18 27	1 4	22 57	22 53	15 38	16 44	3 58
F 7	22 25	2n55	5 9	25 0	1 46	22 43	0 5	22 7	1 14	10 1	1 24	1 10	2 17	14 39	0 42	0 0	1 4	18 27	1 4	22 57	22 53	15 36	16 43	3 58
S 8	22 32	8 7	4 47	25 7	1 51	22 51	0 3	22 6	1 16	10 0	1 24	1 10	2 17	14 39	0 42	0 1	1 4	18 27	1 4	22 57	22 53	15 34	16 43	3 58
S 9	22 38	12 51	4 9	25 12	1 55	22 59	0 0	22 5	1 19	9 59	1 24	1 9	2 16	14 38	0 42	0 1	1 4	18 27	1 4	22 58	22 54	15 32	16 42	3 58
M10	22 43	16 53	3 18	25 16	1 59	23 6	0s 2	22 5	1 22	9 59	1 24	1 9	2 16	14 37	0 42	0 1	1 4	18 28	1 4	22 58	22 54	15 31	16 41	3 58
T 11	22 49	20 0	2 17	25 19	2 3	23 12	0 4	22 4	1 24	9 58	1 23	1 9	2 16	14 37	0 42	0 1	1 4	18 28	1 4	22 58	22 54	15 29	16 41	3 58
W12	22 54	22 3	1 11	25 21	2 7	23 18	0 7	22 3	1 27	9 57	1 23	1 8	2 16	14 36	0 42	0 1	1 4	18 28	1 4	22 58	22 54	15 27	16 40	3 58
T 13	22 58	22 58	0 2	25 21	2 10	23 23	0 9	22 3	1 29	9 57	1 23	1 8	2 16	14 35	0 42	0 1	1 4	18 28	1 4	22 58	22 55	15 25	16 40	3 58
F 14	23 2	22 42	1n 6	25 20	2 13	23 27	0 12	22 2	1 32	9 56	1 23	1 7	2 15	14 35	0 42	0 1	1 4	18 29	1 4	22 58	22 55	15 23	16 39	3 58
S 15	23 5	21 23	2 10	25 18	2 16	23 31	0 14	22 1	1 34	9 56	1 22	1 7	2 15	14 34	0 42	0 1	1 4	18 29	1 5	22 58	22 55	15 22	16 39	3 58
S 16	23 8	19 7	3 7	25 14	2 18	23 34	0 16	22 1	1 36	9 55	1 22	1 6	2 15	14 33	0 42	0 0	1 4	18 29	1 5	22 58	22 55	15 20	16 38	3 58
M17	23 11	16 3	3 55	25 9	2 20	23 36	0 19	22 0	1 38	9 55	1 22	1 6	2 15	14 32	0 42	0 0	1 4	18 30	1 5	22 58	22 55	15 18	16 38	3 58
T 18	23 13	12 22	4 34	25 3	2 21	23 37	0 21	22 0	1 40	9 55	1 21	1 5	2 15	14 32	0 42	0 0	1 4	18 30	1 5	22 58	22 56	15 16	16 37	3 58
W19	23 15	8 11	5 1	24 55	2 22	23 38	0 24	22 0	1 42	9 55	1 21	1 4	2 14	14 31	0 42	0 0	1 4	18 30	1 5	22 58	22 56	15 14	16 37	3 58
T 20	23 16	3 40	5 15	24 47	2 23	23 38	0 26	21 59	1 44	9 55	1 21	1 3	2 14	14 30	0 42	0 0	1 4	18 31	1 5	22 58	22 56	15 12	16 36	3 58
F 21	23 17	1s 4	5 15	24 36	2 23	23 37	0 28	21 59	1 46	9 55	1 21	1 3	2 14	14 29	0 42	0 0	1 4	18 31	1 5	22 58	22 56	15 11	16 36	3 58
S 22	23 17	5 52	5 1	24 25	2 23	23 35	0 30	21 59	1 48	9 55	1 20	1 2	2 14	14 28	0 42	0n 0	1 4	18 31	1 5	22 58	22 57	15 9	16 35	3 58
S 23	23 17	10 33	4 32	24 13	2 22	23 33	0 33	21 59	1 50	9 55	1 20	1 1	2 14	14 28	0 42	0 0	1 4	18 32	1 5	22 58	22 57	15 7	16 35	3 58
M24	23 16	14 54	3 47	23 59	2 21	23 30	0 35	21 59	1 51	9 55	1 20	1 0	2 13	14 27	0 41	0 0	1 4	18 32	1 5	22 58	22 57	15 5	16 34	3 58
T 25	23 15	18 36	2 49	23 44	2 19	23 27	0 37	21 59	1 53	9 55	1 19	0 59	2 13	14 26	0 41	0 1	1 4	18 32	1 5	22 58	22 57	15 3	16 34	3 57
W26	23 14	21 21	1 39	23 28	2 16	23 22	0 40	22 0	1 54	9 56	1 19	0 58	2 13	14 25	0 41	0 1	1 3	18 33	1 5	22 58	22 58	15 1	16 34	3 57
T 27	23 12	22 50	0 21	23 11	2 12	23 17	0 42	22 0	1 56	9 56	1 19	0 57	2 13	14 24	0 41	0 1	1 3	18 33	1 6	22 58	22 58	15 0	16 33	3 57
F 28	23 9	22 47	1s 0	22 53	2 8	23 11	0 44	22 1	1 57	9 57	1 18	0 56	2 13	14 23	0 41	0 1	1 3	18 33	1 6	22 58	22 58	14 58	16 33	3 57
S 29	23 6	21 11	2 17	22 34	2 3	23 5	0 46	22 1	1 58	9 57	1 18	0 55	2 12	14 22	0 41	0 1	1 3	18 34	1 6	22 58	22 58	14 56	16 32	3 57
S 30	23 3	18 9	3 25	22 15	1 57	22 57	0 48	22 2	1 59	9 58	1 18	0 54	2 12	14 22	0 41	0 2	1 3	18 34	1 6	22 58	22 58	14 54	16 32	3 57
M31	22s59	14s 0	4s20	21s55	1s50	22s49	0s50	22n 3	2n 1	9n58	1s18	0s52	2s12	14s21	0s41	0n 2	1s 3	18n34	1n 6	22n58	22n59	14n52	16n32	3s57

Julian Day Number = 2880308.5, Delta T = 01h15m21s
Ecliptic obliquity = 23°17'13, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°10'49, Lahiri = 40°17'49

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3174
geocentric

JANUARY 3174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 42 51	9♉59'37	18♓30	0♒33	19♉56	0°D16	29♈25	2♈57	23♒16	2♈33	10°R24	9°R15	9♋ 3	1♍ 1	1°R49	T 1
W 2	6 46 48	11° 0'34	2♈44	1°29	21°11	0♊16	29°26	3° 0	23°19	2°33	10♌23	9♋15	8°59	1° 8	1♊47	W 2
T 3	6 50 45	12° 1'31	16°42	2°19	22°27	0°17	29°28	3° 2	23°22	2°34	10°22	9°D15	8°56	1°14	1°45	T 3
F 4	6 54 41	13° 2'28	0♉24	3° 2	23°42	0°19	29°30	3° 5	23°24	2°35	10°21	9°16	8°53	1°21	1°43	F 4
S 5	6 58 38	14° 3'26	13°49	3°39	24°57	0°21	29°33	3° 8	23°27	2°35	10°20	9°16	8°50	1°28	1°41	S 5
S 6	7 2 34	15° 4'25	26°58	4° 7	26°13	0°24	29°35	3°12	23°30	2°36	10°18	9°16	8°47	1°35	1°39	S 6
M 7	7 6 31	16° 5'24	9♊53	4°27	27°28	0°29	29°38	3°15	23°33	2°37	10°17	9°17	8°43	1°41	1°37	M 7
T 8	7 10 27	17° 6'23	22°35	4°R37	28°43	0°33	29°41	3°18	23°36	2°38	10°16	9°18	8°40	1°48	1°35	T 8
W 9	7 14 24	18° 7'23	5♋ 5	4°36	29°59	0°39	29°44	3°22	23°39	2°39	10°15	9°R18	8°37	1°55	1°33	W 9
T 10	7 18 20	19° 8'24	17°24	4°24	1♒14	0°45	29°47	3°25	23°42	2°40	10°14	9°18	8°34	2° 1	1°31	T 10
F 11	7 22 17	20° 9'25	29°33	4° 0	2°29	0°52	29°51	3°29	23°45	2°41	10°13	9°17	8°31	2° 8	1°30	F 11
S 12	7 26 14	21°10'26	11♌35	3°24	3°45	1° 0	29°55	3°32	23°48	2°42	10°11	9°16	8°28	2°15	1°28	S 12
S 13	7 30 10	22°11'28	23°30	2°37	5° 0	1° 8	29°58	3°36	23°51	2°43	10°10	9°14	8°24	2°21	1°26	S 13
M14	7 34 7	23°12'30	5♍21	1°39	6°15	1°17	0♉ 3	3°40	23°55	2°44	10° 9	9°12	8°21	2°28	1°25	M14
T 15	7 38 3	24°13'33	17°11	0°32	7°31	1°26	0° 7	3°44	23°58	2°45	10° 8	9°10	8°18	2°35	1°23	T 15
W16	7 42 0	25°14'36	29° 4	29♉18	8°46	1°36	0°11	3°48	24° 1	2°46	10° 6	9° 8	8°15	2°42	1°22	W16
T 17	7 45 56	26°15'40	11♎ 3	27°59	10° 1	1°47	0°16	3°52	24° 4	2°47	10° 5	9° 6	8°12	2°48	1°20	T 17
F 18	7 49 53	27°16'45	23°12	26°37	11°16	1°59	0°21	3°56	24° 7	2°48	10° 4	9°D 5	8° 9	2°55	1°19	F 18
S 19	7 53 49	28°17'50	5♏35	25°15	12°32	2°11	0°26	4° 1	24°11	2°49	10° 3	9° 5	8° 5	3° 2	1°18	S 19
S 20	7 57 46	29°18'55	18°19	23°57	13°47	2°23	0°31	4° 5	24°14	2°51	10° 1	9° 6	8° 2	3° 8	1°16	S 20
M21	8 1 43	0♒20'01	1♐25	22°44	15° 2	2°37	0°36	4°10	24°17	2°52	10° 0	9° 8	7°59	3°15	1°15	M21
T 22	8 5 39	1°21'07	14°58	21°37	16°17	2°50	0°42	4°14	24°20	2°53	9°59	9° 9	7°56	3°22	1°14	T 22
W23	8 9 36	2°22'14	28°58	20°40	17°33	3° 5	0°48	4°19	24°24	2°54	9°58	9°11	7°53	3°28	1°13	W23
T 24	8 13 32	3°23'21	13♑24	19°52	18°48	3°19	0°54	4°23	24°27	2°56	9°56	9°R11	7°49	3°35	1°12	T 24
F 25	8 17 29	4°24'28	28°12	19°14	20° 3	3°35	1° 0	4°28	24°30	2°57	9°55	9°10	7°46	3°42	1°11	F 25
S 26	8 21 25	5°25'35	13♒14	18°46	21°18	3°51	1° 6	4°33	24°34	2°59	9°54	9° 7	7°43	3°49	1°10	S 26
S 27	8 25 22	6°26'42	28°22	18°29	22°34	4° 7	1°12	4°38	24°37	3° 0	9°52	9° 4	7°40	3°55	1° 9	S 27
M28	8 29 18	7°27'48	13♓26	18°D20	23°49	4°24	1°19	4°43	24°41	3° 1	9°51	9° 0	7°37	4° 2	1° 8	M28
T 29	8 33 15	8°28'54	28°17	18°21	25° 4	4°41	1°26	4°48	24°44	3° 3	9°50	8°56	7°34	4° 9	1° 8	T 29
W30	8 37 12	9°30'00	12♈49	18°30	26°19	4°59	1°33	4°53	24°47	3° 4	9°48	8°52	7°30	4°15	1° 7	W30
T 31	8 41 8	10♒31'05	26♈56	18♉47	27♒34	5♊18	1♉40	4♈59	24♒51	3♈ 6	9♌47	8♋50	7♋27	4♍22	1♊ 6	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s55	9s 5	4s57	21s34	1s42	22s41	0s52	22n 4	2n 2	9n59	1s17	0s51	2s12	14s20	0s41	0n 2	1s 3	18n35	1n 6	22n58	22n59	14n50	16n31	3s57
W 2	22 50	3 45	5 15	21 14	1 34	22 31	0 54	22 5	2 3	10 0	1 17	0 50	2 12	14 19	0 41	0 2	1 3	18 35	1 6	22 58	22 59	14 48	16 31	3 57
T 3	22 45	1n40	5 15	20 53	1 24	22 21	0 56	22 6	2 4	10 1	1 17	0 49	2 11	14 18	0 41	0 3	1 3	18 36	1 6	22 58	22 59	14 46	16 31	3 57
F 4	22 39	6 54	4 56	20 32	1 12	22 11	0 58	22 7	2 5	10 2	1 16	0 47	2 11	14 17	0 41	0 3	1 3	18 36	1 6	22 58	22 59	14 45	16 30	3 57
S 5	22 33	11 43	4 22	20 11	1 0	21 59	1 0	22 9	2 6	10 3	1 16	0 46	2 11	14 16	0 41	0 3	1 3	18 36	1 6	22 58	23 0	14 43	16 30	3 57
S 6	22 26	15 53	3 34	19 52	0 47	21 47	1 2	22 10	2 7	10 4	1 16	0 45	2 11	14 15	0 41	0 4	1 3	18 37	1 6	22 58	23 0	14 41	16 30	3 57
M 7	22 19	19 13	2 36	19 33	0 32	21 35	1 4	22 12	2 7	10 6	1 16	0 43	2 11	14 14	0 41	0 4	1 3	18 37	1 6	22 58	23 0	14 39	16 29	3 57
T 8	22 12	21 33	1 31	19 15	0 16	21 21	1 6	22 13	2 8	10 7	1 15	0 42	2 10	14 13	0 41	0 4	1 3	18 37	1 6	22 58	23 0	14 37	16 29	3 56
W 9	22 4	22 48	0 23	18 59	0n 1	21 7	1 7	22 15	2 9	10 8	1 15	0 40	2 10	14 12	0 41	0 5	1 3	18 38	1 7	22 58	23 1	14 35	16 29	3 56
T 10	21 56	22 54	0n45	18 44	0 19	20 53	1 9	22 17	2 9	10 10	1 15	0 38	2 10	14 11	0 41	0 5	1 3	18 38	1 7	22 58	23 1	14 33	16 29	3 56
F 11	21 47	21 54	1 50	18 31	0 38	20 38	1 11	22 19	2 10	10 11	1 14	0 37	2 10	14 10	0 41	0 6	1 3	18 39	1 7	22 58	23 1	14 31	16 28	3 56
S 12	21 38	19 55	2 49	18 21	0 57	20 22	1 12	22 21	2 11	10 13	1 14	0 35	2 10	14 9	0 41	0 6	1 3	18 39	1 7	22 58	23 1	14 29	16 28	3 56
S 13	21 28	17 5	3 41	18 12	1 17	20 5	1 14	22 24	2 11	10 14	1 14	0 34	2 10	14 8	0 41	0 6	1 3	18 39	1 7	22 58	23 1	14 27	16 28	3 56
M14	21 18	13 34	4 23	18 6	1 36	19 48	1 15	22 26	2 12	10 16	1 14	0 32	2 9	14 7	0 41	0 7	1 3	18 40	1 7	22 58	23 2	14 25	16 28	3 56
T 15	21 8	9 32	4 53	18 2	1 55	19 31	1 17	22 28	2 12	10 18	1 13	0 30	2 9	14 6	0 41	0 7	1 3	18 40	1 7	22 58	23 2	14 23	16 28	3 56
W16	20 57	5 8	5 11	18 1	2 12	19 13	1 18	22 31	2 13	10 20	1 13	0 28	2 9	14 5	0 41	0 8	1 3	18 41	1 7	22 59	23 2	14 22	16 27	3 56
T 17	20 46	0 30	5 16	18 1	2 28	18 54	1 19	22 33	2 13	10 21	1 13	0 27	2 9	14 4	0 41	0 8	1 3	18 41	1 7	22 59	23 2	14 20	16 27	3 55
F 18	20 34	4s12	5 6	18 2	2 42	18 35	1 21	22 36	2 13	10 23	1 12	0 25	2 9	14 3	0 41	0 9	1 3	18 41	1 7	22 59	23 2	14 18	16 27	3 55
S 19	20 22	8 51	4 43	18 6	2 54	18 15	1 22	22 39	2 14	10 25	1 12	0 23	2 9	14 1	0 41	0 9	1 3	18 42	1 7	22 59	23 3	14 16	16 27	3 55
S 20	20 10	13 15	4 5	18 10	3 3	17 55	1 23	22 42	2 14	10 27	1 12	0 21	2 8	14 0	0 41	0 10	1 3	18 42	1 7	22 59	23 3	14 14	16 27	3 55
M21	19 57	17 9	3 13	18 16	3 10	17 34	1 24	22 45	2 14	10 30	1 12	0 19	2 8	13 59	0 41	0 10	1 3	18 43	1 7	22 58	23 3	14 12	16 27	3 55
T 22	19 44	20 18	2 10	18 22	3 14	17 13	1 25	22 47	2 14	10 32	1 11	0 17	2 8	13 58	0 41	0 11	1 3	18 43	1 8	22 58	23 3	14 10	16 27	3 55
W23	19 30	22 21	0 56	18 29	3 16	16 51	1 26	22 50	2 15	10 34	1 11	0 15	2 8	13 57	0 41	0 11	1 3	18 43	1 8	22 58	23 3	14 8	16 26	3 55
T 24	19 16	23 0	0s23	18 36	3 16	16 29	1 27	22 53	2 15	10 36	1 11	0 13	2 8	13 56	0 41	0 12	1 3	18 44	1 8	22 58	23 3	14 6	16 26	3 54
F 25	19 2	22 4	1 43	18 44	3 13	16 6	1 28	22 57	2 15	10 39	1 10	0 11	2 8	13 55	0 41	0 12	1 3	18 44	1 8	22 58	23 4	14 4	16 26	3 54
S 26	18 48	19 33	2 56	18 52	3 9	15 43	1 29	23 0	2 15	10 41	1 10	0 9	2 7	13 54	0 41	0 13	1 3	18 45	1 8	22 59	23 4	14 2	16 26	3 54
S 27	18 33	15 41	3 58	18 59	3 4	15 19	1 30	23 3	2 15	10 44	1 10	0 7	2 7	13 53	0 41	0 14	1 3	18 45	1 8	22 59	23 4	14 0	16 26	3 54
M28	18 17	10 49	4 43	19 7	2 57	14 55	1 30	23 6	2 15	10 46	1 10	0 5	2 7	13 51	0 41	0 14	1 3	18 46	1 8	22 59	23 4	13 58	16 26	3 54
T 29	18 2	5 23	5 8	19 15	2 49	14 31	1 31	23 9	2 15	10 49	1 9	0 3	2 7	13 50	0 41	0 15	1 3	18 46	1 8	22 59	23 4	13 56	16 26	3 54
W30	17 46	0n14	5 12	19 22	2 41	14 6	1 31	23 13	2 15	10 51	1 9	0 1	2 7	13 49	0 41	0 15	1 3	18 46	1 8	23 0	23 5	13 54	16 26	3 54
T 31	17s29	5n41	4s58	19s28	2n32	13s41	1s32	23n16	2n15	10n54	1s 9	0n 1	2s 7	13s48	0s41	0n16	1s 3	18n47	1n 8	23n 0	23n 5	13n52	16n26	3s53

Julian Day Number = 2880339.5, Delta T = 01h15m21s
Ecliptic obliquity = 23°17'13, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°10'53, Lahiri = 40°17'53

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ASTRODIENST EPHEMERIS for the year 3174
geocentric

FEBRUARY 3174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 45 5	11♒32'09	10♉39	19♊11	28♒50	5♊36	1♉47	5♈ 4	24♒54	3♈ 7	9°R46	8°D49	7♋24	4♍29	1°R 6	F 1
S 2	8 49 1	12°33'13	23°58	19°41	0♓ 5	5°55	1°55	5° 9	24°58	3° 9	9♎45	8♋50	7°21	4°35	1♊ 5	S 2
S 3	8 52 58	13°34'17	6♊56	20°17	1°20	6°15	2° 2	5°15	25° 1	3°11	9°43	8°51	7°18	4°42	1° 5	S 3
M 4	8 56 54	14°35'20	19°35	20°58	2°35	6°35	2°10	5°20	25° 5	3°12	9°42	8°53	7°15	4°49	1° 4	M 4
T 5	9 0 51	15°36'22	2♋ 0	21°44	3°50	6°56	2°18	5°26	25° 8	3°14	9°41	8°54	7°11	4°56	1° 4	T 5
W 6	9 4 47	16°37'23	14°14	22°35	5° 5	7°16	2°26	5°31	25°12	3°16	9°39	8°R54	7° 8	5° 2	1° 4	W 6
T 7	9 8 44	17°38'24	26°19	23°29	6°20	7°38	2°34	5°37	25°15	3°17	9°38	8°52	7° 5	5° 9	1° 4	T 7
F 8	9 12 41	18°39'25	8♌18	24°26	7°35	7°59	2°42	5°43	25°19	3°19	9°37	8°49	7° 2	5°16	1° 4	F 8
S 9	9 16 37	19°40'24	20°13	25°26	8°50	8°21	2°51	5°49	25°22	3°21	9°36	8°43	6°59	5°22	1°D 4	S 9
S 10	9 20 34	20°41'23	2♍ 5	26°30	10° 5	8°43	2°59	5°54	25°26	3°23	9°34	8°36	6°55	5°29	1° 4	S 10
M11	9 24 30	21°42'22	13°56	27°35	11°20	9° 6	3° 8	6° 0	25°29	3°24	9°33	8°27	6°52	5°36	1° 4	M11
T 12	9 28 27	22°43'20	25°48	28°43	12°35	9°29	3°17	6° 6	25°33	3°26	9°32	8°18	6°49	5°42	1° 4	T 12
W13	9 32 23	23°44'17	7♎43	29°54	13°50	9°52	3°26	6°12	25°36	3°28	9°30	8°10	6°46	5°49	1° 4	W13
T 14	9 36 20	24°45'14	19°44	1♒ 6	15° 5	10°16	3°35	6°18	25°40	3°30	9°29	8° 3	6°43	5°56	1° 4	T 14
F 15	9 40 16	25°46'10	1♏52	2°19	16°20	10°40	3°45	6°25	25°43	3°32	9°28	7°57	6°40	6° 3	1° 5	F 15
S 16	9 44 13	26°47'06	14°13	3°35	17°35	11° 4	3°54	6°31	25°47	3°34	9°27	7°54	6°36	6° 9	1° 5	S 16
S 17	9 48 10	27°48'01	26°51	4°52	18°50	11°28	4° 4	6°37	25°50	3°36	9°25	7°D53	6°33	6°16	1° 5	S 17
M18	9 52 6	28°48'56	9♐49	6°10	20° 4	11°53	4°13	6°43	25°54	3°38	9°24	7°54	6°30	6°23	1° 6	M18
T 19	9 56 3	29°49'50	23°11	7°30	21°19	12°18	4°23	6°50	25°57	3°40	9°23	7°55	6°27	6°29	1° 6	T 19
W20	9 59 59	0♓50'44	7♑ 1	8°51	22°34	12°43	4°33	6°56	26° 1	3°42	9°22	7°R56	6°24	6°36	1° 7	W20
T 21	10 3 56	1°51'37	21°20	10°13	23°49	13° 9	4°43	7° 3	26° 4	3°44	9°21	7°55	6°21	6°43	1° 8	T 21
F 22	10 7 52	2°52'29	6♒ 4	11°36	25° 4	13°35	4°53	7° 9	26° 8	3°46	9°19	7°52	6°17	6°49	1° 9	F 22
S 23	10 11 49	3°53'20	21°10	13° 0	26°18	14° 1	5° 4	7°16	26°11	3°48	9°18	7°46	6°14	6°56	1° 9	S 23
S 24	10 15 45	4°54'10	6♓28	14°25	27°33	14°27	5°14	7°22	26°15	3°50	9°17	7°39	6°11	7° 3	1°10	S 24
M25	10 19 42	5°54'59	21°48	15°52	28°48	14°54	5°24	7°29	26°18	3°52	9°16	7°30	6° 8	7°10	1°11	M25
T 26	10 23 39	6°55'47	6♈57	17°19	0♈ 2	15°21	5°35	7°36	26°22	3°54	9°15	7°20	6° 5	7°16	1°12	T 26
W27	10 27 35	7°56'33	21°47	18°47	1°17	15°48	5°46	7°42	26°25	3°56	9°14	7°12	6° 1	7°23	1°13	W27
T 28	10 31 32	8♓57'18	6♉ 9	20♒16	2♈31	16♊15	5♉57	7♈49	26♒29	3♈58	9♎13	7♋ 5	5♋58	7♍30	1♊14	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s13	10n42	4s26	19s35	2n22	13s15	1s32	23n19	2n15	10n57	1s 9	0n 4	2s 7	13s47	0s41	0n17	1s 3	18n47	1n 8	23n 0	23n 5	13n50	16n26	3s53
S 2	16 56	15 4	3 41	19 40	2 12	12 49	1 33	23 23	2 15	10 59	1 8	0 6	2 6	13 46	0 41	0 17	1 3	18 48	1 8	23 0	23 5	13 48	16 26	3 53
S 3	16 39	18 36	2 46	19 45	2 2	12 23	1 33	23 26	2 15	11 2	1 8	0 8	2 6	13 45	0 41	0 18	1 3	18 48	1 8	23 0	23 5	13 46	16 26	3 53
M 4	16 21	21 10	1 44	19 49	1 52	11 56	1 33	23 29	2 15	11 5	1 8	0 10	2 6	13 43	0 41	0 19	1 2	18 48	1 8	23 0	23 5	13 44	16 27	3 53
T 5	16 3	22 39	0 38	19 52	1 42	11 29	1 33	23 33	2 15	11 8	1 8	0 13	2 6	13 42	0 41	0 19	1 2	18 49	1 8	22 59	23 6	13 42	16 27	3 53
W 6	15 45	23 1	0n29	19 54	1 32	11 2	1 33	23 36	2 15	11 11	1 7	0 15	2 6	13 41	0 41	0 20	1 2	18 49	1 9	22 59	23 6	13 40	16 27	3 53
T 7	15 27	22 17	1 33	19 55	1 21	10 35	1 33	23 40	2 15	11 14	1 7	0 17	2 6	13 40	0 41	0 21	1 2	18 50	1 9	23 0	23 6	13 38	16 27	3 52
F 8	15 8	20 32	2 33	19 56	1 11	10 7	1 33	23 43	2 15	11 17	1 7	0 20	2 6	13 39	0 41	0 21	1 2	18 50	1 9	23 0	23 6	13 36	16 27	3 52
S 9	14 49	17 54	3 25	19 55	1 1	9 39	1 33	23 47	2 15	11 20	1 7	0 22	2 6	13 38	0 41	0 22	1 2	18 50	1 9	23 0	23 6	13 34	16 27	3 52
S 10	14 30	14 32	4 8	19 53	0 51	9 10	1 33	23 50	2 15	11 23	1 6	0 25	2 5	13 36	0 41	0 23	1 2	18 51	1 9	23 1	23 6	13 32	16 27	3 52
M11	14 11	10 36	4 40	19 50	0 41	8 42	1 33	23 53	2 14	11 27	1 6	0 27	2 5	13 35	0 41	0 23	1 2	18 51	1 9	23 1	23 7	13 30	16 27	3 52
T 12	13 51	6 15	5 1	19 46	0 32	8 13	1 32	23 57	2 14	11 30	1 6	0 29	2 5	13 34	0 41	0 24	1 2	18 52	1 9	23 2	23 7	13 28	16 28	3 52
W13	13 31	1 40	5 8	19 41	0 22	7 44	1 32	24 0	2 14	11 33	1 6	0 32	2 5	13 33	0 41	0 25	1 2	18 52	1 9	23 2	23 7	13 26	16 28	3 51
T 14	13 11	3s 1	5 1	19 34	0 13	7 15	1 31	24 3	2 14	11 36	1 5	0 34	2 5	13 32	0 41	0 26	1 2	18 52	1 9	23 3	23 7	13 23	16 28	3 51
F 15	12 51	7 38	4 42	19 27	0 4	6 45	1 31	24 6	2 14	11 40	1 5	0 37	2 5	13 31	0 41	0 26	1 2	18 53	1 9	23 3	23 7	13 21	16 28	3 51
S 16	12 30	12 3	4 8	19 18	0s 4	6 16	1 30	24 10	2 13	11 43	1 5	0 39	2 5	13 29	0 41	0 27	1 2	18 53	1 9	23 3	23 7	13 19	16 29	3 51
S 17	12 10	16 2	3 23	19 8	0 13	5 46	1 29	24 13	2 13	11 46	1 5	0 42	2 5	13 28	0 41	0 28	1 2	18 54	1 9	23 3	23 8	13 17	16 29	3 51
M18	11 49	19 23	2 25	18 57	0 21	5 16	1 29	24 16	2 13	11 50	1 5	0 45	2 5	13 27	0 41	0 29	1 2	18 54	1 9	23 3	23 8	13 15	16 29	3 51
T 19	11 28	21 48	1 18	18 45	0 29	4 46	1 28	24 19	2 13	11 53	1 4	0 47	2 5	13 26	0 41	0 30	1 2	18 54	1 9	23 3	23 8	13 13	16 29	3 50
W20	11 6	23 1	0 5	18 32	0 37	4 16	1 27	24 22	2 12	11 57	1 4	0 50	2 4	13 25	0 41	0 30	1 2	18 55	1 9	23 3	23 8	13 11	16 30	3 50
T 21	10 45	22 47	1s11	18 17	0 45	3 45	1 26	24 25	2 12	12 0	1 4	0 52	2 4	13 23	0 41	0 31	1 2	18 55	1 9	23 3	23 8	13 9	16 30	3 50
F 22	10 23	20 59	2 25	18 1	0 52	3 15	1 25	24 28	2 12	12 4	1 4	0 55	2 4	13 22	0 41	0 32	1 2	18 55	1 9	23 3	23 8	13 7	16 30	3 50
S 23	10 1	17 40	3 30	17 45	0 59	2 44	1 24	24 31	2 12	12 8	1 4	0 58	2 4	13 21	0 41	0 33	1 2	18 56	1 9	23 4	23 8	13 5	16 31	3 50
S 24	9 39	13 7	4 21	17 27	1 5	2 14	1 22	24 34	2 11	12 11	1 3	1 0	2 4	13 20	0 41	0 34	1 2	18 56	1 10	23 4	23 9	13 3	16 31	3 50
M25	9 17	7 44	4 53	17 7	1 12	1 43	1 21	24 37	2 11	12 15	1 3	1 3	2 4	13 19	0 41	0 34	1 2	18 57	1 10	23 5	23 9	13 1	16 31	3 49
T 26	8 55	1 55	5 4	16 47	1 18	1 12	1 20	24 39	2 11	12 19	1 3	1 6	2 4	13 18	0 41	0 35	1 2	18 57	1 10	23 5	23 9	12 59	16 32	3 49
W27	8 32	3n52	4 55	16 26	1 24	0 42	1 18	24 42	2 10	12 22	1 3	1 8	2 4	13 16	0 41	0 36	1 2	18 57	1 10	23 6	23 9	12 56	16 32	3 49
T 28	8s10	9n17	4s26	16s 3	1s29	0s11	1s17	24n44	2n10	12n26	1s 2	1n11	2s 4	13s15	0s41	0n37	1s 2	18n58	1n10	23n 6	23n 9	12n54	16n32	3s49

Julian Day Number = 2880370.5, Delta T = 01h15m22s
Ecliptic obliquity = 23°17'14, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°10'57, Lahiri = 40°17'58

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ASTRODIENST EPHEMERIS for the year 3174
geocentric

MARCH 3174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 35 28	9♓58'02	20♉ 3	21♒45	3♈46	16♊43	6♉ 8	7♈56	26♒32	4♈ 0	9°R12	7°R 1	5♋55	7♍36	1♊16	F 1
S 2	10 39 25	10°58'44	3♊27	23°16	5° 0	17°10	6°19	8° 3	26°36	4° 2	9♌10	6♋59	5°52	7°43	1°17	S 2
S 3	10 43 21	11°59'25	16°24	24°48	6°15	17°38	6°30	8°10	26°39	4° 4	9° 9	6°D59	5°49	7°50	1°18	S 3
M 4	10 47 18	13° 0'04	29° 0	26°20	7°29	18° 6	6°41	8°16	26°42	4° 6	9° 8	7° 0	5°46	7°57	1°19	M 4
T 5	10 51 14	14° 0'42	11♋18	27°54	8°44	18°35	6°53	8°23	26°46	4° 9	9° 7	7°R 0	5°42	8° 3	1°21	T 5
W 6	10 55 11	15° 1'18	23°23	29°28	9°58	19° 3	7° 4	8°30	26°49	4°11	9° 6	6°58	5°39	8°10	1°22	W 6
T 7	10 59 8	16° 1'52	5♌20	1♓ 3	11°12	19°32	7°16	8°37	26°53	4°13	9° 5	6°55	5°36	8°17	1°24	T 7
F 8	11 3 4	17° 2'25	17°12	2°39	12°27	20° 1	7°27	8°44	26°56	4°15	9° 4	6°48	5°33	8°23	1°25	F 8
S 9	11 7 1	18° 2'56	29° 3	4°16	13°41	20°30	7°39	8°51	26°59	4°17	9° 3	6°39	5°30	8°30	1°27	S 9
S 10	11 10 57	19° 3'26	10♍54	5°53	14°55	20°59	7°51	8°58	27° 3	4°20	9° 2	6°27	5°27	8°37	1°29	S 10
M11	11 14 54	20° 3'54	22°47	7°32	16° 9	21°29	8° 3	9° 6	27° 6	4°22	9° 1	6°13	5°23	8°43	1°31	M11
T 12	11 18 50	21° 4'21	4♎44	9°11	17°23	21°58	8°15	9°13	27° 9	4°24	9° 0	5°59	5°20	8°50	1°32	T 12
W13	11 22 47	22° 4'46	16°45	10°52	18°37	22°28	8°27	9°20	27°13	4°26	9° 0	5°45	5°17	8°57	1°34	W13
T 14	11 26 43	23° 5'10	28°53	12°33	19°51	22°58	8°39	9°27	27°16	4°28	8°59	5°33	5°14	9° 4	1°36	T 14
F 15	11 30 40	24° 5'32	11♏ 8	14°16	21° 5	23°28	8°51	9°34	27°19	4°31	8°58	5°24	5°11	9°10	1°38	F 15
S 16	11 34 36	25° 5'53	23°33	15°59	22°19	23°58	9° 4	9°41	27°22	4°33	8°57	5°18	5° 7	9°17	1°40	S 16
S 17	11 38 33	26° 6'13	6♐12	17°44	23°33	24°28	9°16	9°49	27°26	4°35	8°56	5°14	5° 4	9°24	1°42	S 17
M18	11 42 30	27° 6'31	19° 7	19°29	24°47	24°59	9°29	9°56	27°29	4°37	8°55	5°13	5° 1	9°30	1°44	M18
T 19	11 46 26	28° 6'49	2♑22	21°15	26° 1	25°29	9°41	10° 3	27°32	4°40	8°54	5°13	4°58	9°37	1°47	T 19
W20	11 50 23	29° 7'04	16° 1	23° 3	27°15	26° 0	9°54	10°10	27°35	4°42	8°54	5°12	4°55	9°44	1°49	W20
T 21	11 54 19	0♈ 7'19	0♒ 5	24°51	28°28	26°31	10° 7	10°18	27°38	4°44	8°53	5°11	4°52	9°51	1°51	T 21
F 22	11 58 16	1° 7'32	14°35	26°41	29°42	27° 2	10°19	10°25	27°41	4°47	8°52	5° 7	4°48	9°57	1°53	F 22
S 23	12 2 12	2° 7'43	29°27	28°31	0♉56	27°33	10°32	10°32	27°44	4°49	8°52	5° 0	4°45	10° 4	1°56	S 23
S 24	12 6 9	3° 7'53	14♓36	0♈23	2° 9	28° 4	10°45	10°40	27°47	4°51	8°51	4°51	4°42	10°11	1°58	S 24
M25	12 10 5	4° 8'01	29°50	2°16	3°23	28°36	10°58	10°47	27°50	4°53	8°50	4°39	4°39	10°17	2° 1	M25
T 26	12 14 2	5° 8'08	15♈ 1	4° 9	4°36	29° 7	11°11	10°54	27°53	4°56	8°50	4°28	4°36	10°24	2° 3	T 26
W27	12 17 59	6° 8'12	29°56	6° 4	5°50	29°39	11°24	11° 2	27°56	4°58	8°49	4°17	4°32	10°31	2° 6	W27
T 28	12 21 55	7° 8'15	14♉27	7°59	7° 3	0♋11	11°37	11° 9	27°59	5° 0	8°48	4° 8	4°29	10°37	2° 8	T 28
F 29	12 25 52	8° 8'16	28°30	9°55	8°16	0°42	11°51	11°17	28° 2	5° 3	8°48	4° 2	4°26	10°44	2°11	F 29
S 30	12 29 48	9° 8'15	12♊ 2	11°52	9°30	1°14	12° 4	11°24	28° 5	5° 5	8°47	3°58	4°23	10°51	2°14	S 30
S 31	12 33 45	10♈ 8'11	25♊ 6	13♈50	10♉43	1♋46	12♉17	11♈31	28♒ 8	5♈ 7	8♌47	3♋57	4♋20	10♍58	2♊16	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s47	14n 3	3s43	15s39	1s34	0n20	1s15	24n47	2n10	12n30	1s 2	1n14	2s 4	13s14	0s41	0n38	1s 2	18n58	1n10	23n 6	23n 9	12n52	16n33	3s49
S 2	7 24	17 57	2 49	15 14	1 39	0 51	1 14	24 49	2 10	12 34	1 2	1 17	2 4	13 13	0 41	0 39	1 2	18 58	1 10	23 6	23 9	12 50	16 33	3 49
S 3	7 1	20 49	1 48	14 48	1 44	1 22	1 12	24 52	2 9	12 38	1 2	1 19	2 4	13 12	0 41	0 39	1 2	18 59	1 10	23 6	23 10	12 48	16 33	3 49
M 4	6 38	22 34	0 43	14 21	1 48	1 52	1 10	24 54	2 9	12 41	1 2	1 22	2 4	13 11	0 41	0 40	1 2	18 59	1 10	23 6	23 10	12 46	16 34	3 48
T 5	6 15	23 11	0n23	13 53	1 52	2 23	1 9	24 56	2 9	12 45	1 2	1 25	2 3	13 9	0 41	0 41	1 2	18 59	1 10	23 6	23 10	12 44	16 34	3 48
W 6	5 52	22 41	1 26	13 23	1 55	2 54	1 7	24 58	2 8	12 49	1 1	1 28	2 3	13 8	0 41	0 42	1 2	19 0	1 10	23 6	23 10	12 42	16 35	3 48
T 7	5 29	21 9	2 25	12 53	1 58	3 25	1 5	25 0	2 8	12 53	1 1	1 30	2 3	13 7	0 41	0 43	1 2	19 0	1 10	23 6	23 10	12 39	16 35	3 48
F 8	5 5	18 42	3 16	12 21	2 1	3 55	1 3	25 2	2 8	12 57	1 1	1 33	2 3	13 6	0 41	0 44	1 2	19 0	1 10	23 7	23 10	12 37	16 36	3 48
S 9	4 42	15 28	3 59	11 48	2 4	4 26	1 1	25 4	2 7	13 1	1 1	1 36	2 3	13 5	0 41	0 45	1 2	19 0	1 10	23 7	23 10	12 35	16 36	3 48
S 10	4 18	11 37	4 32	11 15	2 6	4 56	0 59	25 5	2 7	13 5	1 1	1 39	2 3	13 4	0 41	0 45	1 2	19 1	1 10	23 8	23 11	12 33	16 37	3 48
M11	3 55	7 19	4 52	10 40	2 7	5 26	0 57	25 7	2 6	13 9	1 0	1 41	2 3	13 3	0 41	0 46	1 2	19 1	1 10	23 9	23 11	12 31	16 37	3 47
T 12	3 31	2 44	5 0	10 4	2 9	5 57	0 55	25 9	2 6	13 13	1 0	1 44	2 3	13 2	0 41	0 47	1 2	19 1	1 10	23 9	23 11	12 29	16 38	3 47
W13	3 7	2s 0	4 55	9 27	2 10	6 27	0 52	25 10	2 6	13 17	1 0	1 47	2 3	13 1	0 41	0 48	1 2	19 2	1 10	23 10	23 11	12 26	16 38	3 47
T 14	2 44	6 42	4 36	8 49	2 10	6 57	0 50	25 11	2 5	13 21	1 0	1 50	2 3	12 59	0 41	0 49	1 2	19 2	1 10	23 10	23 11	12 24	16 39	3 47
F 15	2 20	11 11	4 5	8 10	2 10	7 26	0 48	25 12	2 5	13 25	1 0	1 53	2 3	12 58	0 41	0 50	1 2	19 2	1 10	23 11	23 11	12 22	16 39	3 47
S 16	1 56	15 18	3 21	7 30	2 10	7 56	0 45	25 13	2 5	13 29	1 0	1 56	2 3	12 57	0 41	0 51	1 2	19 2	1 10	23 11	23 11	12 20	16 40	3 47
S 17	1 32	18 48	2 27	6 48	2 9	8 26	0 43	25 14	2 4	13 33	0 59	1 58	2 3	12 56	0 41	0 52	1 2	19 3	1 11	23 11	23 11	12 18	16 40	3 47
M18	1 9	21 27	1 24	6 6	2 8	8 55	0 40	25 15	2 4	13 37	0 59	2 1	2 3	12 55	0 41	0 53	1 2	19 3	1 11	23 11	23 12	12 16	16 41	3 46
T 19	0 45	23 1	0 15	5 23	2 6	9 24	0 38	25 16	2 3	13 41	0 59	2 4	2 3	12 54	0 41	0 53	1 2	19 3	1 11	23 11	23 12	12 13	16 41	3 46
W20	0 21	23 16	0s57	4 39	2 4	9 53	0 35	25 17	2 3	13 45	0 59	2 7	2 3	12 53	0 41	0 54	1 2	19 3	1 11	23 11	23 12	12 11	16 42	3 46
T 21	0n 3	22 5	2 7	3 54	2 2	10 21	0 32	25 17	2 3	13 49	0 59	2 10	2 3	12 52	0 41	0 55	1 2	19 4	1 11	23 11	23 12	12 9	16 42	3 46
F 22	0 27	19 25	3 12	3 8	1 59	10 50	0 30	25 17	2 2	13 54	0 59	2 13	2 3	12 51	0 41	0 56	1 2	19 4	1 11	23 11	23 12	12 7	16 43	3 46
S 23	0 50	15 25	4 5	2 21	1 55	11 18	0 27	25 18	2 2	13 58	0 59	2 16	2 3	12 50	0 41	0 57	1 2	19 4	1 11	23 12	23 12	12 5	16 44	3 46
S 24	1 14	10 22	4 42	1 33	1 51	11 46	0 24	25 18	2 1	14 2	0 58	2 18	2 3	12 49	0 41	0 58	1 2	19 4	1 11	23 12	23 12	12 2	16 44	3 46
M25	1 38	4 38	4 59	0 44	1 46	12 14	0 22	25 18	2 1	14 6	0 58	2 21	2 3	12 48	0 41	0 59	1 2	19 5	1 11	23 12	23 12	12 0	16 45	3 46
T 26	2 2	1n20	4 55	0n 5	1 41	12 41	0 19	25 18	2 1	14 10	0 58	2 24	2 3	12 47	0 41	1 0	1 2	19 5	1 11	23 13	23 12	11 58	16 45	3 45
W27	2 25	7 8	4 31	0 56	1 36	13 8	0 16	25 17	2 0	14 14	0 58	2 27	2 3	12 46	0 41	1 1	1 2	19 5	1 11	23 13	23 13	11 56	16 46	3 45
T 28	2 49	12 25	3 50	1 47	1 29	13 35	0 13	25 17	2 0	14 18	0 58	2 30	2 3	12 45	0 42	1 1	1 2	19 5	1 11	23 13	23 13	11 54	16 47	3 45
F 29	3 12	16 51	2 55	2 38	1 23	14 1	0 10	25 16	1 59	14 23	0 58	2 33	2 3	12 44	0 42	1 2	1 2	19 5	1 11	23 14	23 13	11 51	16 47	3 45
S 30	3 36	20 13	1 53	3 30	1 15	14 27	0 7	25 16	1 59	14 27	0 58	2 35	2 3	12 43	0 42	1 3	1 2	19 6	1 11	23 14	23 13	11 49	16 48	3 45
S 31	3n59	22n25	0s47	4n23	1s 8	14n53	0s 4	25n15	1n58	14n31	0s57	2n38	2s 3	12s42	0s42	1n 4	1s 2	19n 6	1n11	23n14	23n13	11n47	16n48	3s45

Julian Day Number = 2880398.5, Delta T = 01h15m22s
Ecliptic obliquity = 23°17'14, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°11'01, Lahiri = 40°18'02

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ASTRODIENST EPHEMERIS for the year 3174
geocentric

APRIL 3174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 37 41	11♈ 8'06	7♋45	15♈48	11♉56	2♋19	12♉31	11♈39	28♒11	5♈ 9	8°R46	3°R57	4♋17	11♍ 4	2♊19	M 1
T 2	12 41 38	12° 7'58	20° 5	17°47	13° 9	2°51	12°44	11°46	28°13	5°12	8♌46	3♋56	4°13	11°11	2°22	T 2
W 3	12 45 34	13° 7'48	2♌ 9	19°46	14°22	3°23	12°58	11°53	28°16	5°14	8°45	3°55	4°10	11°18	2°25	W 3
T 4	12 49 31	14° 7'37	14° 5	21°45	15°35	3°56	13°11	12° 1	28°19	5°16	8°45	3°52	4° 7	11°24	2°28	T 4
F 5	12 53 28	15° 7'22	25°55	23°43	16°48	4°28	13°25	12° 8	28°22	5°18	8°44	3°46	4° 4	11°31	2°31	F 5
S 6	12 57 24	16° 7'06	7♍45	25°42	18° 1	5° 1	13°39	12°16	28°24	5°21	8°44	3°37	4° 1	11°38	2°34	S 6
S 7	13 1 21	17° 6'48	19°37	27°39	19°13	5°33	13°52	12°23	28°27	5°23	8°44	3°25	3°58	11°45	2°37	S 7
M 8	13 5 17	18° 6'27	1♎34	29°35	20°26	6° 6	14° 6	12°30	28°29	5°25	8°43	3°12	3°54	11°51	2°40	M 8
T 9	13 9 14	19° 6'05	13°38	1♉29	21°39	6°39	14°20	12°38	28°32	5°27	8°43	2°58	3°51	11°58	2°43	T 9
W10	13 13 10	20° 5'41	25°49	3°22	22°51	7°12	14°34	12°45	28°34	5°30	8°43	2°45	3°48	12° 5	2°46	W10
T 11	13 17 7	21° 5'14	8♏ 9	5°12	24° 4	7°45	14°47	12°52	28°37	5°32	8°42	2°34	3°45	12°11	2°49	T 11
F 12	13 21 3	22° 4'46	20°37	7° 0	25°16	8°18	15° 1	13° 0	28°39	5°34	8°42	2°24	3°42	12°18	2°53	F 12
S 13	13 25 0	23° 4'16	3♐16	8°44	26°28	8°51	15°15	13° 7	28°42	5°36	8°42	2°18	3°38	12°25	2°56	S 13
S 14	13 28 56	24° 3'45	16° 6	10°24	27°41	9°24	15°29	13°14	28°44	5°38	8°42	2°15	3°35	12°32	2°59	S 14
M15	13 32 53	25° 3'11	29° 9	12° 1	28°53	9°58	15°43	13°22	28°46	5°41	8°41	2°D14	3°32	12°38	3° 3	M15
T 16	13 36 50	26° 2'36	12♑28	13°33	0♊ 5	10°31	15°57	13°29	28°49	5°43	8°41	2°14	3°29	12°45	3° 6	T 16
W17	13 40 46	27° 2'00	26° 4	15° 0	1°17	11° 5	16°11	13°36	28°51	5°45	8°41	2°R14	3°26	12°52	3° 9	W17
T 18	13 44 43	28° 1'21	9♒59	16°22	2°29	11°38	16°25	13°43	28°53	5°47	8°41	2°14	3°23	12°58	3°13	T 18
F 19	13 48 39	29° 0'41	24°14	17°38	3°41	12°12	16°40	13°51	28°55	5°49	8°41	2°11	3°19	13° 5	3°16	F 19
S 20	13 52 36	0♉ 0'00	8♓46	18°48	4°53	12°45	16°54	13°58	28°57	5°51	8°41	2° 6	3°16	13°12	3°20	S 20
S 21	13 56 32	0°59'16	23°33	19°53	6° 4	13°19	17° 8	14° 5	29° 0	5°53	8°41	1°59	3°13	13°19	3°23	S 21
M22	14 0 29	1°58'31	8♈26	20°51	7°16	13°53	17°22	14°12	29° 2	5°56	8°D41	1°50	3°10	13°25	3°27	M22
T 23	14 4 25	2°57'43	23°19	21°42	8°28	14°27	17°36	14°19	29° 4	5°58	8°41	1°41	3° 7	13°32	3°30	T 23
W24	14 8 22	3°56'54	8♉ 1	22°27	9°39	15° 1	17°51	14°26	29° 6	6° 0	8°41	1°32	3° 3	13°39	3°34	W24
T 25	14 12 19	4°56'03	22°26	23° 6	10°51	15°35	18° 5	14°34	29° 7	6° 2	8°41	1°25	3° 0	13°45	3°37	T 25
F 26	14 16 15	5°55'10	6♊26	23°37	12° 2	16° 9	18°19	14°41	29° 9	6° 4	8°41	1°20	2°57	13°52	3°41	F 26
S 27	14 20 12	6°54'15	20° 1	24° 2	13°13	16°43	18°33	14°48	29°11	6° 6	8°41	1°17	2°54	13°59	3°45	S 27
S 28	14 24 8	7°53'18	3♋ 9	24°20	14°24	17°17	18°48	14°55	29°13	6° 8	8°41	1°D17	2°51	14° 6	3°48	S 28
M29	14 28 5	8°52'18	15°53	24°31	15°36	17°51	19° 2	15° 2	29°15	6°10	8°42	1°17	2°48	14°12	3°52	M29
T 30	14 32 1	9♉51'16	28♋17	24°R35	16♊46	18♋25	19♉17	15♈ 9	29♒16	6♈12	8♌42	1♋18	2♋44	14♍19	3♊56	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n23	23n24	0n20	5n16	0s59	15n18	0s 1	25n14	1n58	14n35	0s57	2n41	2s 3	12s41	0s42	1n 5	1s 2	19n 6	1n11	23n14	23n13	11n45	16n49	3s45
T 2	4 46	23 11	1 24	6 10	0 50	15 43	0n 2	25 13	1 58	14 39	0 57	2 44	2 3	12 40	0 42	1 6	1 2	19 6	1 11	23 14	23 13	11 42	16 50	3 45
W 3	5 9	21 53	2 23	7 3	0 41	16 8	0 5	25 12	1 57	14 43	0 57	2 47	2 3	12 39	0 42	1 7	1 2	19 6	1 11	23 14	23 13	11 40	16 50	3 45
T 4	5 32	19 37	3 15	7 56	0 31	16 32	0 8	25 11	1 57	14 48	0 57	2 50	2 3	12 38	0 42	1 8	1 2	19 6	1 11	23 14	23 13	11 38	16 51	3 44
F 5	5 55	16 32	3 58	8 50	0 21	16 56	0 11	25 9	1 56	14 52	0 57	2 52	2 3	12 37	0 42	1 8	1 2	19 6	1 11	23 14	23 14	11 36	16 52	3 44
S 6	6 18	12 48	4 31	9 43	0 10	17 19	0 14	25 7	1 56	14 56	0 57	2 55	2 3	12 36	0 42	1 9	1 2	19 7	1 11	23 14	23 14	11 34	16 52	3 44
S 7	6 41	8 34	4 52	10 35	0n 1	17 42	0 18	25 6	1 56	15 0	0 57	2 58	2 3	12 36	0 42	1 10	1 2	19 7	1 11	23 15	23 14	11 31	16 53	3 44
M 8	7 3	3 58	5 0	11 27	0 12	18 5	0 21	25 4	1 55	15 4	0 56	3 1	2 3	12 35	0 42	1 11	1 2	19 7	1 11	23 15	23 14	11 29	16 54	3 44
T 9	7 26	0s48	4 55	12 18	0 24	18 27	0 24	25 2	1 55	15 8	0 56	3 4	2 3	12 34	0 42	1 12	1 2	19 7	1 11	23 15	23 14	11 27	16 54	3 44
W10	7 48	5 37	4 37	13 7	0 36	18 48	0 27	25 0	1 54	15 12	0 56	3 7	2 3	12 33	0 42	1 13	1 2	19 7	1 11	23 16	23 14	11 24	16 55	3 44
T 11	8 11	10 16	4 5	13 56	0 48	19 9	0 30	24 57	1 54	15 17	0 56	3 9	2 3	12 32	0 42	1 14	1 2	19 7	1 12	23 16	23 14	11 22	16 56	3 44
F 12	8 33	14 33	3 22	14 42	1 0	19 30	0 33	24 55	1 53	15 21	0 56	3 12	2 4	12 31	0 42	1 15	1 2	19 7	1 12	23 16	23 14	11 20	16 56	3 44
S 13	8 55	18 16	2 27	15 27	1 12	19 50	0 37	24 52	1 53	15 25	0 56	3 15	2 4	12 31	0 42	1 15	1 2	19 7	1 12	23 16	23 14	11 18	16 57	3 44
S 14	9 17	21 10	1 25	16 10	1 24	20 10	0 40	24 50	1 52	15 29	0 56	3 18	2 4	12 30	0 42	1 16	1 2	19 8	1 12	23 16	23 14	11 15	16 58	3 44
M15	9 38	23 1	0 16	16 51	1 35	20 29	0 43	24 47	1 52	15 33	0 56	3 20	2 4	12 29	0 42	1 17	1 2	19 8	1 12	23 16	23 14	11 13	16 58	3 44
T 16	10 0	23 36	0s54	17 30	1 46	20 47	0 46	24 44	1 52	15 37	0 56	3 23	2 4	12 28	0 42	1 18	1 2	19 8	1 12	23 16	23 15	11 11	16 59	3 44
W17	10 21	22 49	2 3	18 6	1 57	21 6	0 49	24 40	1 51	15 41	0 56	3 26	2 4	12 28	0 42	1 19	1 2	19 8	1 12	23 16	23 15	11 9	17 0	3 43
T 18	10 42	20 38	3 7	18 40	2 8	21 23	0 53	24 37	1 51	15 45	0 55	3 29	2 4	12 27	0 42	1 20	1 2	19 8	1 12	23 16	23 15	11 6	17 1	3 43
F 19	11 3	17 8	4 0	19 11	2 17	21 40	0 56	24 34	1 50	15 50	0 55	3 31	2 4	12 26	0 42	1 20	1 3	19 8	1 12	23 16	23 15	11 4	17 1	3 43
S 20	11 24	12 33	4 39	19 39	2 26	21 56	0 59	24 30	1 50	15 54	0 55	3 34	2 4	12 25	0 42	1 21	1 3	19 8	1 12	23 16	23 15	11 2	17 2	3 43
S 21	11 45	7 9	5 1	20 4	2 34	22 12	1 2	24 26	1 49	15 58	0 55	3 37	2 4	12 25	0 42	1 22	1 3	19 8	1 12	23 16	23 15	10 59	17 3	3 43
M22	12 5	1 18	5 2	20 27	2 41	22 27	1 5	24 23	1 49	16 2	0 55	3 39	2 4	12 24	0 42	1 23	1 3	19 8	1 12	23 16	23 15	10 57	17 3	3 43
T 23	12 25	4n37	4 43	20 46	2 48	22 42	1 8	24 18	1 48	16 6	0 55	3 42	2 4	12 23	0 42	1 24	1 3	19 8	1 12	23 17	23 15	10 55	17 4	3 43
W24	12 45	10 13	4 5	21 3	2 53	22 56	1 11	24 14	1 48	16 10	0 55	3 45	2 4	12 23	0 42	1 24	1 3	19 8	1 12	23 17	23 15	10 52	17 5	3 43
T 25	13 5	15 10	3 12	21 17	2 57	23 9	1 14	24 10	1 48	16 14	0 55	3 47	2 4	12 22	0 42	1 25	1 3	19 8	1 12	23 17	23 15	10 50	17 5	3 43
F 26	13 25	19 8	2 9	21 27	3 0	23 22	1 17	24 6	1 47	16 18	0 55	3 50	2 5	12 21	0 42	1 26	1 3	19 8	1 12	23 17	23 15	10 48	17 6	3 43
S 27	13 44	21 55	1 0	21 35	3 1	23 34	1 20	24 1	1 47	16 22	0 55	3 52	2 5	12 21	0 42	1 27	1 3	19 8	1 12	23 17	23 15	10 45	17 7	3 43
S 28	14 3	23 25	0n10	21 40	3 1	23 46	1 23	23 56	1 46	16 26	0 55	3 55	2 5	12 20	0 42	1 28	1 3	19 8	1 12	23 17	23 15	10 43	17 7	3 43
M29	14 22	23 38	1 18	21 41	3 0	23 57	1 26	23 51	1 46	16 30	0 54	3 58	2 5	12 20	0 43	1 28	1 3	19 8	1 12	23 17	23 15	10 41	17 8	3 43
T 30	14n41	22n40	2n20	21n40	2n58	24n 7	1n29	23n46	1n45	16n34	0s54	4n 0	2s 5	12s19	0s43	1n29	1s 3	19n 8	1n12	23n17	23n16	10n38	17n 9	3s43

Julian Day Number = 2880429.5, Delta T = 01h15m23s
Ecliptic obliquity = 23°17'14, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°11'05, Lahiri = 40°18'06

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ASTRODIENST EPHEMERIS for the year 3174
geocentric

MAY 3174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 35 58	10♉50'12	10♌25	24°R33	17♊57	19♋ 0	19♉31	15♈16	29♒18	6♈14	8♌42	1°R19	2♋41	14♍26	4♊ 0	W 1
T 2	14 39 54	11°49'06	22°22	24♉25	19° 8	19°34	19°45	15°22	29°20	6°16	8°42	1♋18	2°38	14°32	4° 3	T 2
F 3	14 43 51	12°47'58	4♍14	24°11	20°19	20° 8	20° 0	15°29	29°21	6°18	8°43	1°16	2°35	14°39	4° 7	F 3
S 4	14 47 48	13°46'47	16° 6	23°51	21°29	20°43	20°14	15°36	29°23	6°20	8°43	1°11	2°32	14°46	4°11	S 4
S 5	14 51 44	14°45'34	28° 0	23°27	22°40	21°17	20°28	15°43	29°24	6°22	8°43	1° 5	2°29	14°53	4°15	S 5
M 6	14 55 41	15°44'19	10♎ 2	22°57	23°50	21°52	20°43	15°50	29°26	6°23	8°43	0°57	2°25	14°59	4°19	M 6
T 7	14 59 37	16°43'02	22°12	22°24	25° 1	22°26	20°57	15°56	29°27	6°25	8°44	0°49	2°22	15° 6	4°23	T 7
W 8	15 3 34	17°41'43	4♏34	21°48	26°11	23° 1	21°12	16° 3	29°28	6°27	8°44	0°41	2°19	15°13	4°27	W 8
T 9	15 7 30	18°40'22	17° 8	21° 9	27°21	23°36	21°26	16°10	29°30	6°29	8°45	0°34	2°16	15°19	4°30	T 9
F 10	15 11 27	19°38'59	29°54	20°29	28°31	24°10	21°41	16°16	29°31	6°31	8°45	0°29	2°13	15°26	4°34	F 10
S 11	15 15 23	20°37'35	12♐52	19°47	29°41	24°45	21°55	16°23	29°32	6°32	8°46	0°25	2° 9	15°33	4°38	S 11
S 12	15 19 20	21°36'09	26° 2	19° 6	0♋50	25°20	22°10	16°29	29°33	6°34	8°46	0°D24	2° 6	15°40	4°42	S 12
M13	15 23 17	22°34'41	9♑25	18°25	2° 0	25°55	22°24	16°36	29°34	6°36	8°47	0°24	2° 3	15°46	4°46	M13
T 14	15 27 13	23°33'11	22°59	17°45	3° 9	26°29	22°38	16°42	29°35	6°38	8°47	0°25	2° 0	15°53	4°50	T 14
W15	15 31 10	24°31'40	6♒44	17° 7	4°19	27° 4	22°53	16°49	29°36	6°39	8°48	0°27	1°57	16° 0	4°54	W15
T 16	15 35 6	25°30'07	20°42	16°32	5°28	27°39	23° 7	16°55	29°37	6°41	8°48	0°R28	1°54	16° 6	4°58	T 16
F 17	15 39 3	26°28'33	4♓51	16° 0	6°37	28°14	23°22	17° 1	29°38	6°43	8°49	0°27	1°50	16°13	5° 2	F 17
S 18	15 42 59	27°26'57	19° 9	15°31	7°46	28°49	23°36	17° 8	29°39	6°44	8°50	0°26	1°47	16°20	5° 6	S 18
S 19	15 46 56	28°25'20	3♈34	15° 6	8°55	29°24	23°51	17°14	29°40	6°46	8°50	0°23	1°44	16°27	5°10	S 19
M20	15 50 52	29°23'41	18° 1	14°46	10° 4	29°59	24° 5	17°20	29°41	6°47	8°51	0°19	1°41	16°33	5°14	M20
T 21	15 54 49	0♊22'01	2♉26	14°30	11°12	0♌34	24°19	17°26	29°41	6°49	8°52	0°14	1°38	16°40	5°18	T 21
W22	15 58 46	1°20'19	16°43	14°19	12°21	1°10	24°34	17°32	29°42	6°50	8°52	0°10	1°35	16°47	5°22	W22
T 23	16 2 42	2°18'36	0♊46	14°12	13°29	1°45	24°48	17°38	29°43	6°52	8°53	0° 7	1°31	16°54	5°26	T 23
F 24	16 6 39	3°16'51	14°32	14°D11	14°37	2°20	25° 2	17°44	29°43	6°53	8°54	0° 5	1°28	17° 0	5°30	F 24
S 25	16 10 35	4°15'04	27°57	14°13	15°45	2°55	25°17	17°50	29°44	6°55	8°55	0°D 4	1°25	17° 7	5°34	S 25
S 26	16 14 32	5°13'15	11♋ 0	14°21	16°53	3°31	25°31	17°56	29°44	6°56	8°55	0° 4	1°22	17°14	5°38	S 26
M27	16 18 28	6°11'25	23°44	14°33	18° 1	4° 6	25°45	18° 1	29°44	6°58	8°56	0° 5	1°19	17°20	5°42	M27
T 28	16 22 25	7° 9'33	6♌ 9	14°50	19° 9	4°41	26° 0	18° 7	29°45	6°59	8°57	0° 7	1°15	17°27	5°46	T 28
W29	16 26 22	8° 7'39	18°19	15°12	20°16	5°17	26°14	18°13	29°45	7° 0	8°58	0° 8	1°12	17°34	5°50	W29
T 30	16 30 18	9° 5'43	0♍19	15°37	21°23	5°52	26°28	18°18	29°45	7° 2	8°59	0° 9	1° 9	17°41	5°54	T 30
F 31	16 34 15	10♊ 3'45	12♍13	16♉ 7	22♋30	6♌28	26♉42	18♈24	29♒46	7♈ 3	9♌ 0	0°R10	1♋ 6	17♍47	5♊58	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n59	20n38	3n15	21n36	2n54	24n16	1n32	23n41	1n45	16n38	0s54	4n 3	2s 5	12s19	0s43	1n30	1s 3	19n 8	1n12	23n17	23n16	10n36	17n10	3s43
T 2	15 17	17 45	4 0	21 28	2 48	24 25	1 35	23 36	1 44	16 42	0 54	4 5	2 5	12 18	0 43	1 31	1 3	19 8	1 12	23 17	23 16	10 34	17 10	3 43
F 3	15 35	14 9	4 34	21 18	2 41	24 34	1 38	23 30	1 44	16 45	0 54	4 8	2 5	12 18	0 43	1 31	1 3	19 8	1 12	23 17	23 16	10 31	17 11	3 43
S 4	15 52	10 1	4 57	21 5	2 33	24 41	1 40	23 25	1 44	16 49	0 54	4 10	2 5	12 17	0 43	1 32	1 3	19 8	1 12	23 17	23 16	10 29	17 12	3 43
S 5	16 10	5 29	5 7	20 49	2 23	24 48	1 43	23 19	1 43	16 53	0 54	4 13	2 6	12 17	0 43	1 33	1 3	19 8	1 12	23 17	23 16	10 27	17 12	3 43
M 6	16 27	0 43	5 4	20 31	2 12	24 54	1 46	23 13	1 43	16 57	0 54	4 15	2 6	12 16	0 43	1 33	1 3	19 8	1 12	23 17	23 16	10 24	17 13	3 43
T 7	16 44	4s 9	4 47	20 11	1 59	25 0	1 48	23 7	1 42	17 1	0 54	4 18	2 6	12 16	0 43	1 34	1 3	19 8	1 12	23 17	23 16	10 22	17 14	3 43
W 8	17 0	8 56	4 16	19 48	1 46	25 5	1 51	23 1	1 42	17 5	0 54	4 20	2 6	12 15	0 43	1 35	1 3	19 8	1 12	23 17	23 16	10 20	17 14	3 43
T 9	17 16	13 27	3 32	19 24	1 31	25 9	1 53	22 54	1 41	17 8	0 54	4 23	2 6	12 15	0 43	1 36	1 3	19 8	1 12	23 17	23 16	10 17	17 15	3 43
F 10	17 32	17 26	2 38	18 58	1 15	25 13	1 56	22 48	1 41	17 12	0 54	4 25	2 6	12 14	0 43	1 36	1 3	19 7	1 13	23 17	23 16	10 15	17 16	3 43
S 11	17 48	20 39	1 34	18 31	0 59	25 15	1 58	22 41	1 40	17 16	0 54	4 27	2 6	12 14	0 43	1 37	1 3	19 7	1 13	23 17	23 16	10 13	17 16	3 43
S 12	18 3	22 50	0 24	18 4	0 42	25 18	2 0	22 35	1 40	17 20	0 54	4 30	2 6	12 14	0 43	1 38	1 3	19 7	1 13	23 17	23 16	10 10	17 17	3 43
M13	18 18	23 46	0s49	17 36	0 25	25 19	2 3	22 28	1 40	17 23	0 54	4 32	2 7	12 13	0 43	1 38	1 3	19 7	1 13	23 17	23 16	10 8	17 18	3 43
T 14	18 33	23 19	2 0	17 8	0 8	25 20	2 5	22 21	1 39	17 27	0 54	4 34	2 7	12 13	0 43	1 39	1 3	19 7	1 13	23 17	23 16	10 5	17 19	3 43
W15	18 47	21 27	3 5	16 41	0s10	25 20	2 7	22 13	1 39	17 31	0 54	4 37	2 7	12 13	0 43	1 39	1 3	19 7	1 13	23 17	23 16	10 3	17 19	3 43
T 16	19 1	18 18	4 0	16 15	0 27	25 19	2 9	22 6	1 38	17 34	0 53	4 39	2 7	12 12	0 43	1 40	1 3	19 7	1 13	23 17	23 16	10 1	17 20	3 43
F 17	19 15	14 2	4 41	15 49	0 44	25 18	2 11	21 59	1 38	17 38	0 53	4 41	2 7	12 12	0 43	1 41	1 3	19 7	1 13	23 17	23 16	9 58	17 20	3 43
S 18	19 28	8 58	5 6	15 25	1 0	25 16	2 13	21 51	1 37	17 42	0 53	4 43	2 7	12 12	0 43	1 41	1 3	19 7	1 13	23 17	23 17	9 56	17 21	3 43
S 19	19 41	3 22	5 11	15 3	1 16	25 14	2 15	21 43	1 37	17 45	0 53	4 46	2 7	12 12	0 43	1 42	1 3	19 6	1 13	23 17	23 17	9 54	17 22	3 43
M20	19 54	2n26	4 57	14 43	1 31	25 11	2 17	21 36	1 36	17 49	0 53	4 48	2 8	12 11	0 43	1 42	1 3	19 6	1 13	23 17	23 17	9 51	17 22	3 43
T 21	20 6	8 6	4 24	14 24	1 45	25 7	2 18	21 28	1 36	17 52	0 53	4 50	2 8	12 11	0 43	1 43	1 3	19 6	1 13	23 17	23 17	9 49	17 23	3 43
W22	20 18	13 17	3 35	14 8	1 59	25 2	2 20	21 20	1 35	17 56	0 53	4 52	2 8	12 11	0 43	1 44	1 3	19 6	1 13	23 17	23 17	9 46	17 24	3 43
T 23	20 29	17 41	2 34	13 54	2 12	24 57	2 21	21 11	1 35	17 59	0 53	4 54	2 8	12 11	0 43	1 44	1 3	19 6	1 13	23 17	23 17	9 44	17 24	3 43
F 24	20 41	21 0	1 24	13 42	2 24	24 51	2 23	21 3	1 35	18 3	0 53	4 56	2 8	12 11	0 44	1 45	1 4	19 6	1 13	23 17	23 17	9 42	17 25	3 43
S 25	20 52	23 5	0 12	13 33	2 34	24 45	2 24	20 54	1 34	18 6	0 53	4 58	2 8	12 11	0 44	1 45	1 4	19 5	1 13	23 17	23 17	9 39	17 26	3 44
S 26	21 2	23 50	1n 0	13 26	2 44	24 38	2 25	20 46	1 34	18 10	0 53	5 0	2 9	12 10	0 44	1 46	1 4	19 5	1 13	23 17	23 17	9 37	17 26	3 44
M27	21 12	23 18	2 6	13 21	2 53	24 30	2 26	20 37	1 33	18 13	0 53	5 2	2 9	12 10	0 44	1 46	1 4	19 5	1 13	23 17	23 17	9 34	17 27	3 44
T 28	21 22	21 37	3 6	13 18	3 1	24 22	2 27	20 28	1 33	18 16	0 53	5 4	2 9	12 10	0 44	1 47	1 4	19 5	1 13	23 17	23 17	9 32	17 28	3 44
W29	21 31	18 58	3 55	13 17	3 8	24 13	2 28	20 19	1 32	18 20	0 53	5 6	2 9	12 10	0 44	1 47	1 4	19 5	1 13	23 17	23 17	9 29	17 28	3 44
T 30	21 40	15 33	4 33	13 19	3 14	24 3	2 29	20 10	1 32	18 23	0 53	5 8	2 9	12 10	0 44	1 48	1 4	19 5	1 13	23 17	23 17	9 27	17 29	3 44
F 31	21n49	11n33	5n 0	13n22	3s19	23n53	2n30	20n 1	1n31	18n26	0s53	5n10	2s10	12s10	0s44	1n48	1s 4	19n 4	1n13	23n17	23n17	9n25	17n29	3s44

Julian Day Number = 2880459.5, Delta T = 01h15m24s
Ecliptic obliquity = 23°17'14, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°11'09, Lahiri = 40°18'10

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3174
geocentric

JUNE 3174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 38 11	11♊ 1'46	24♍ 6	16♉41	23♋37	7♌ 3	26♉57	18♈29	29♒46	7♈ 4	9♌ 1	0°R 9	1♋ 3	17♍54	6♊ 2	S 1
S 2	16 42 8	11°59'44	6♎ 3	17°19	24°44	7°39	27°11	18°35	29°46	7° 5	9° 2	0♋ 8	1° 0	18° 1	6° 6	S 2
M 3	16 46 4	12°57'41	18° 7	18° 1	25°50	8°14	27°25	18°40	29°46	7° 7	9° 3	0° 6	0°56	18° 7	6°11	M 3
T 4	16 50 1	13°55'37	0♏22	18°46	26°57	8°50	27°39	18°45	29°R46	7° 8	9° 4	0° 3	0°53	18°14	6°15	T 4
W 5	16 53 57	14°53'30	12°52	19°35	28° 3	9°25	27°53	18°50	29°46	7° 9	9° 5	0° 1	0°50	18°21	6°19	W 5
T 6	16 57 54	15°51'22	25°38	20°27	29° 9	10° 1	28° 7	18°56	29°46	7°10	9° 6	29♊59	0°47	18°28	6°23	T 6
F 7	17 1 50	16°49'13	8♐40	21°23	0♌15	10°37	28°21	19° 1	29°46	7°11	9° 7	29°58	0°44	18°34	6°27	F 7
S 8	17 5 47	17°47'02	21°59	22°21	1°20	11°12	28°35	19° 6	29°45	7°12	9° 8	29°57	0°41	18°41	6°31	S 8
S 9	17 9 44	18°44'50	5♑34	23°23	2°25	11°48	28°49	19°10	29°45	7°13	9° 9	29°D57	0°37	18°48	6°34	S 9
M10	17 13 40	19°42'37	19°22	24°28	3°30	12°24	29° 3	19°15	29°45	7°14	9°10	29°57	0°34	18°54	6°38	M10
T 11	17 17 37	20°40'22	3♒21	25°36	4°35	12°59	29°17	19°20	29°45	7°15	9°11	29°58	0°31	19° 1	6°42	T 11
W12	17 21 33	21°38'06	17°27	26°47	5°40	13°35	29°31	19°25	29°44	7°16	9°12	29°59	0°28	19° 8	6°46	W12
T 13	17 25 30	22°35'50	1♓39	28° 0	6°44	14°11	29°45	19°29	29°44	7°17	9°13	29°59	0°25	19°15	6°50	T 13
F 14	17 29 26	23°33'32	15°54	29°17	7°49	14°47	29°59	19°34	29°43	7°18	9°15	29°59	0°21	19°21	6°54	F 14
S 15	17 33 23	24°31'13	0♈ 8	0♊36	8°52	15°23	0♊12	19°38	29°43	7°19	9°16	29°R59	0°18	19°28	6°58	S 15
S 16	17 37 20	25°28'54	14°20	1°57	9°56	15°59	0°26	19°43	29°42	7°19	9°17	29°59	0°15	19°35	7° 2	S 16
M17	17 41 16	26°26'33	28°26	3°22	11° 0	16°34	0°40	19°47	29°41	7°20	9°18	29°59	0°12	19°42	7° 6	M17
T 18	17 45 13	27°24'12	12♉24	4°49	12° 3	17°10	0°53	19°51	29°41	7°21	9°19	29°59	0° 9	19°48	7°10	T 18
W19	17 49 9	28°21'50	26°13	6°18	13° 6	17°46	1° 7	19°56	29°40	7°22	9°21	29°59	0° 6	19°55	7°14	W19
T 20	17 53 6	29°19'27	9♊49	7°50	14° 8	18°22	1°21	20° 0	29°39	7°22	9°22	29°59	0° 2	20° 2	7°17	T 20
F 21	17 57 2	0♋17'03	23°11	9°25	15°10	18°58	1°34	20° 4	29°38	7°23	9°23	29°D59	29♊59	20° 8	7°21	F 21
S 22	18 0 59	1°14'38	6♋18	11° 2	16°12	19°34	1°48	20° 8	29°38	7°24	9°25	29°R59	29°56	20°15	7°25	S 22
S 23	18 4 55	2°12'12	19° 8	12°42	17°14	20°10	2° 1	20°12	29°37	7°24	9°26	29°59	29°53	20°22	7°29	S 23
M24	18 8 52	3° 9'45	1♌44	14°24	18°16	20°47	2°14	20°15	29°36	7°25	9°27	29°58	29°50	20°29	7°33	M24
T 25	18 12 49	4° 7'17	14° 5	16° 8	19°17	21°23	2°28	20°19	29°35	7°25	9°29	29°58	29°47	20°35	7°36	T 25
W26	18 16 45	5° 4'47	26°14	17°56	20°17	21°59	2°41	20°23	29°34	7°26	9°30	29°57	29°43	20°42	7°40	W26
T 27	18 20 42	6° 2'17	8♍14	19°45	21°18	22°35	2°54	20°26	29°33	7°26	9°31	29°57	29°40	20°49	7°44	T 27
F 28	18 24 38	6°59'45	20° 8	21°37	22°18	23°11	3° 7	20°29	29°32	7°27	9°33	29°56	29°37	20°55	7°47	F 28
S 29	18 28 35	7°57'13	2♎ 1	23°32	23°17	23°47	3°20	20°33	29°30	7°27	9°34	29°56	29°34	21° 2	7°51	S 29
S 30	18 32 31	8♋54'39	13♎58	25♊28	24♌17	24♌24	3♊33	20♈36	29♒29	7♈27	9♌35	29°D56	29♊31	21♍ 9	7♊55	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n57	7n 7	5n13	13n28	3s24	23n43	2n31	19n51	1n31	18n30	0s53	5n12	2s10	12s10	0s44	1n49	1s 4	19n 4	1n13	23n17	23n17	9n22	17n30	3s44
S 2	22 5	2 25	5 13	13 35	3 27	23 31	2 31	19 42	1 30	18 33	0 53	5 14	2 10	12 10	0 44	1 49	1 4	19 4	1 13	23 17	23 17	9 20	17 31	3 44
M 3	22 13	2s26	5 0	13 44	3 29	23 19	2 32	19 32	1 30	18 36	0 53	5 16	2 10	12 10	0 44	1 50	1 4	19 4	1 13	23 17	23 17	9 17	17 31	3 44
T 4	22 20	7 16	4 32	13 54	3 31	23 7	2 32	19 23	1 30	18 39	0 53	5 17	2 10	12 10	0 44	1 50	1 4	19 3	1 13	23 17	23 17	9 15	17 32	3 44
W 5	22 26	11 55	3 51	14 7	3 32	22 54	2 32	19 13	1 29	18 42	0 53	5 19	2 11	12 10	0 44	1 50	1 4	19 3	1 13	23 17	23 17	9 12	17 32	3 44
T 6	22 33	16 9	2 58	14 20	3 32	22 41	2 32	19 3	1 29	18 45	0 53	5 21	2 11	12 10	0 44	1 51	1 4	19 3	1 13	23 17	23 17	9 10	17 33	3 45
F 7	22 38	19 43	1 55	14 35	3 32	22 27	2 32	18 53	1 28	18 49	0 53	5 23	2 11	12 10	0 44	1 51	1 4	19 3	1 14	23 17	23 17	9 7	17 33	3 45
S 8	22 44	22 19	0 44	14 51	3 30	22 12	2 32	18 43	1 28	18 52	0 53	5 24	2 11	12 11	0 44	1 51	1 4	19 2	1 14	23 17	23 17	9 5	17 34	3 45
S 9	22 49	23 41	0s31	15 8	3 28	21 57	2 32	18 32	1 27	18 55	0 53	5 26	2 11	12 11	0 44	1 52	1 4	19 2	1 14	23 17	23 17	9 3	17 34	3 45
M10	22 53	23 38	1 45	15 27	3 25	21 42	2 31	18 22	1 27	18 58	0 53	5 28	2 12	12 11	0 44	1 52	1 4	19 2	1 14	23 17	23 17	9 0	17 35	3 45
T 11	22 58	22 7	2 54	15 46	3 22	21 26	2 31	18 11	1 26	19 1	0 53	5 29	2 12	12 11	0 44	1 53	1 4	19 2	1 14	23 17	23 17	8 58	17 36	3 45
W12	23 2	19 13	3 54	16 6	3 18	21 10	2 30	18 1	1 26	19 4	0 53	5 31	2 12	12 11	0 44	1 53	1 4	19 1	1 14	23 17	23 17	8 55	17 36	3 45
T 13	23 5	15 10	4 39	16 27	3 13	20 53	2 29	17 50	1 25	19 6	0 53	5 32	2 12	12 11	0 44	1 53	1 4	19 1	1 14	23 17	23 17	8 53	17 37	3 45
F 14	23 8	10 15	5 7	16 48	3 8	20 36	2 28	17 39	1 25	19 9	0 53	5 34	2 12	12 11	0 44	1 53	1 4	19 1	1 14	23 17	23 17	8 50	17 37	3 45
S 15	23 10	4 48	5 17	17 10	3 2	20 18	2 27	17 28	1 24	19 12	0 53	5 35	2 13	12 12	0 44	1 54	1 4	19 1	1 14	23 17	23 17	8 48	17 38	3 46
S 16	23 13	0n54	5 7	17 33	2 56	20 0	2 26	17 17	1 24	19 15	0 53	5 37	2 13	12 12	0 44	1 54	1 4	19 0	1 14	23 17	23 17	8 45	17 38	3 46
M17	23 14	6 30	4 39	17 56	2 49	19 41	2 25	17 6	1 24	19 18	0 53	5 38	2 13	12 12	0 44	1 54	1 5	19 0	1 14	23 17	23 17	8 43	17 39	3 46
T 18	23 16	11 44	3 54	18 19	2 42	19 22	2 24	16 55	1 23	19 21	0 53	5 39	2 13	12 12	0 45	1 55	1 5	19 0	1 14	23 17	23 17	8 40	17 39	3 46
W19	23 17	16 19	2 56	18 42	2 34	19 3	2 22	16 43	1 23	19 23	0 53	5 41	2 14	12 13	0 45	1 55	1 5	19 0	1 14	23 17	23 17	8 38	17 39	3 46
T 20	23 17	19 59	1 49	19 5	2 25	18 43	2 20	16 32	1 22	19 26	0 53	5 42	2 14	12 13	0 45	1 55	1 5	18 59	1 14	23 17	23 17	8 35	17 40	3 46
F 21	23 17	22 29	0 38	19 28	2 17	18 23	2 18	16 20	1 22	19 29	0 53	5 43	2 14	12 13	0 45	1 55	1 5	18 59	1 14	23 17	23 17	8 33	17 40	3 47
S 22	23 17	23 43	0n35	19 51	2 7	18 3	2 16	16 8	1 21	19 32	0 53	5 45	2 14	12 14	0 45	1 55	1 5	18 59	1 14	23 17	23 17	8 30	17 41	3 47
S 23	23 16	23 39	1 44	20 14	1 58	17 42	2 14	15 57	1 21	19 34	0 53	5 46	2 15	12 14	0 45	1 56	1 5	18 58	1 14	23 17	23 17	8 28	17 41	3 47
M24	23 15	22 22	2 47	20 36	1 48	17 21	2 12	15 45	1 20	19 37	0 53	5 47	2 15	12 14	0 45	1 56	1 5	18 58	1 14	23 17	23 17	8 25	17 42	3 47
T 25	23 13	20 1	3 41	20 57	1 38	17 0	2 9	15 33	1 20	19 39	0 53	5 48	2 15	12 15	0 45	1 56	1 5	18 58	1 14	23 17	23 17	8 23	17 42	3 47
W26	23 11	16 49	4 24	21 18	1 27	16 38	2 7	15 21	1 19	19 42	0 53	5 49	2 15	12 15	0 45	1 56	1 5	18 57	1 14	23 17	23 17	8 20	17 43	3 47
T 27	23 9	12 59	4 54	21 37	1 16	16 16	2 4	15 9	1 19	19 44	0 53	5 50	2 15	12 16	0 45	1 56	1 5	18 57	1 14	23 17	23 17	8 18	17 43	3 47
F 28	23 6	8 40	5 12	21 56	1 6	15 54	2 1	14 56	1 18	19 47	0 53	5 51	2 16	12 16	0 45	1 56	1 5	18 57	1 14	23 17	23 17	8 15	17 43	3 48
S 29	23 3	4 3	5 16	22 13	0 54	15 32	1 58	14 44	1 18	19 49	0 53	5 52	2 16	12 16	0 45	1 56	1 5	18 56	1 14	23 17	23 17	8 13	17 44	3 48
S 30	22n59	0s45	5n 7	22n29	0s43	15n 9	1n55	14n32	1n18	19n52	0s53	5n53	2s16	12s17	0s45	1n57	1s 5	18n56	1n14	23n17	23n17	8n10	17n44	3s48

Julian Day Number = 2880490.5, Delta T = 01h15m24s
Ecliptic obliquity = 23°17'14, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°11'14, Lahiri = 40°18'14

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ASTRODIENST EPHEMERIS for the year 3174
geocentric

JULY 3174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 36 28	9♋52'04	26♎ 2	27♊27	25♌16	25♌ 0	3♊46	20♈39	29°R28	7♈28	9♌37	29♊56	29♊27	21♍16	7♊58	M 1
T 2	18 40 24	10°49'28	8♏18	29°28	26°14	25°36	3°59	20°42	29♒27	7°28	9°38	29°57	29°24	21°22	8° 2	T 2
W 3	18 44 21	11°46'52	20°50	1♋32	27°12	26°12	4°12	20°45	29°25	7°28	9°40	29°58	29°21	21°29	8° 5	W 3
T 4	18 48 18	12°44'14	3♐42	3°37	28°10	26°49	4°25	20°48	29°24	7°28	9°41	29°59	29°18	21°36	8° 9	T 4
F 5	18 52 14	13°41'35	16°55	5°43	29° 7	27°25	4°37	20°51	29°23	7°29	9°43	29°59	29°15	21°43	8°12	F 5
S 6	18 56 11	14°38'56	0♑30	7°51	0♍ 3	28° 1	4°50	20°54	29°21	7°29	9°44	0°R 0	29°12	21°49	8°16	S 6
S 7	19 0 7	15°36'17	14°26	10° 1	1° 0	28°38	5° 3	20°56	29°20	7°29	9°46	29°59	29° 8	21°56	8°19	S 7
M 8	19 4 4	16°33'36	28°40	12°11	1°55	29°14	5°15	20°59	29°18	7°29	9°47	29°58	29° 5	22° 3	8°23	M 8
T 9	19 8 0	17°30'55	13♒ 7	14°22	2°50	29°51	5°27	21° 1	29°17	7°29	9°49	29°57	29° 2	22° 9	8°26	T 9
W10	19 11 57	18°28'14	27°41	16°34	3°45	0♍27	5°40	21° 4	29°15	7°R29	9°50	29°54	28°59	22°16	8°29	W10
T 11	19 15 54	19°25'32	12♓16	18°46	4°39	1° 3	5°52	21° 6	29°13	7°29	9°52	29°52	28°56	22°23	8°33	T 11
F 12	19 19 50	20°22'50	26°47	20°57	5°33	1°40	6° 4	21° 8	29°12	7°29	9°53	29°50	28°53	22°30	8°36	F 12
S 13	19 23 47	21°20'08	11♈ 8	23° 9	6°26	2°16	6°16	21°10	29°10	7°29	9°55	29°49	28°49	22°36	8°39	S 13
S 14	19 27 43	22°17'26	25°17	25°20	7°18	2°53	6°29	21°12	29° 8	7°29	9°56	29°D49	28°46	22°43	8°42	S 14
M15	19 31 40	23°14'44	9♉11	27°29	8°10	3°30	6°40	21°14	29° 6	7°29	9°58	29°49	28°43	22°50	8°45	M15
T 16	19 35 36	24°12'01	22°51	29°38	9° 1	4° 6	6°52	21°16	29° 5	7°28	9°59	29°50	28°40	22°56	8°49	T 16
W17	19 39 33	25° 9'19	6♊17	1♌46	9°51	4°43	7° 4	21°17	29° 3	7°28	10° 1	29°52	28°37	23° 3	8°52	W17
T 18	19 43 29	26° 6'37	19°29	3°52	10°41	5°19	7°16	21°19	29° 1	7°28	10° 2	29°53	28°33	23°10	8°55	T 18
F 19	19 47 26	27° 3'55	2♋27	5°56	11°30	5°56	7°28	21°20	28°59	7°28	10° 4	29°R53	28°30	23°17	8°58	F 19
S 20	19 51 23	28° 1'12	15°13	7°59	12°18	6°33	7°39	21°22	28°57	7°27	10° 6	29°53	28°27	23°23	9° 1	S 20
S 21	19 55 19	28°58'30	27°47	10° 0	13° 6	7° 9	7°51	21°23	28°55	7°27	10° 7	29°50	28°24	23°30	9° 4	S 21
M22	19 59 16	29°55'47	10♌10	11°59	13°52	7°46	8° 2	21°24	28°53	7°27	10° 9	29°46	28°21	23°37	9° 7	M22
T 23	20 3 12	0♌53'04	22°22	13°57	14°38	8°23	8°13	21°25	28°51	7°26	10°10	29°42	28°18	23°44	9° 9	T 23
W24	20 7 9	1°50'21	4♍26	15°52	15°23	9° 0	8°25	21°26	28°49	7°26	10°12	29°36	28°14	23°50	9°12	W24
T 25	20 11 5	2°47'38	16°24	17°46	16° 7	9°37	8°36	21°27	28°47	7°26	10°13	29°30	28°11	23°57	9°15	T 25
F 26	20 15 2	3°44'54	28°17	19°37	16°50	10°13	8°47	21°28	28°45	7°25	10°15	29°25	28° 8	24° 4	9°18	F 26
S 27	20 18 58	4°42'11	10♎ 9	21°26	17°32	10°50	8°58	21°28	28°43	7°25	10°17	29°21	28° 5	24°10	9°21	S 27
S 28	20 22 55	5°39'27	22° 3	23°14	18°14	11°27	9° 8	21°29	28°41	7°24	10°18	29°19	28° 2	24°17	9°23	S 28
M29	20 26 52	6°36'43	4♏ 5	24°59	18°54	12° 4	9°19	21°30	28°39	7°23	10°20	29°D18	27°59	24°24	9°26	M29
T 30	20 30 48	7°33'58	16°19	26°43	19°33	12°41	9°30	21°30	28°36	7°23	10°21	29°18	27°55	24°31	9°28	T 30
W31	20 34 45	8♌31'14	28♏49	28♌24	20♍11	13♍18	9♊40	21♈30	28♒34	7♈22	10♌23	29♊19	27♊52	24♍37	9♊31	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n55	5s34	4n44	22n44	0s32	14n46	1n51	14n19	1n17	19n54	0s53	5n54	2s16	12s17	0s45	1n57	1s 5	18n56	1n15	23n17	23n17	8n 8	17n45	3s48
T 2	22 51	10 15	4 8	22 56	0 21	14 23	1 48	14 7	1 17	19 57	0 53	5 55	2 17	12 18	0 45	1 57	1 5	18 55	1 15	23 17	23 17	8 5	17 45	3 48
W 3	22 46	14 38	3 20	23 7	0 10	14 0	1 44	13 54	1 16	19 59	0 53	5 56	2 17	12 18	0 45	1 57	1 5	18 55	1 15	23 17	23 17	8 3	17 45	3 49
T 4	22 41	18 28	2 20	23 16	0n 1	13 36	1 40	13 41	1 16	20 1	0 53	5 57	2 17	12 19	0 45	1 57	1 5	18 55	1 15	23 17	23 17	8 0	17 46	3 49
F 5	22 35	21 28	1 12	23 22	0 12	13 13	1 36	13 28	1 15	20 3	0 53	5 58	2 18	12 19	0 45	1 57	1 5	18 54	1 15	23 17	23 17	7 58	17 46	3 49
S 6	22 29	23 20	0s 3	23 26	0 23	12 49	1 32	13 15	1 15	20 6	0 53	5 58	2 18	12 20	0 45	1 57	1 5	18 54	1 15	23 17	23 17	7 55	17 46	3 49
S 7	22 23	23 49	1 19	23 27	0 33	12 25	1 28	13 2	1 14	20 8	0 53	5 59	2 18	12 20	0 45	1 57	1 5	18 54	1 15	23 17	23 17	7 52	17 47	3 49
M 8	22 16	22 46	2 32	23 26	0 43	12 1	1 23	12 49	1 14	20 10	0 53	6 0	2 18	12 21	0 45	1 57	1 5	18 53	1 15	23 17	23 17	7 50	17 47	3 50
T 9	22 9	20 13	3 36	23 23	0 52	11 37	1 18	12 36	1 13	20 12	0 53	6 1	2 19	12 22	0 45	1 57	1 5	18 53	1 15	23 17	23 17	7 47	17 47	3 50
W10	22 1	16 22	4 27	23 16	1 1	11 12	1 13	12 23	1 13	20 14	0 53	6 1	2 19	12 22	0 45	1 57	1 6	18 53	1 15	23 17	23 17	7 45	17 48	3 50
T 11	21 53	11 32	5 0	23 7	1 9	10 48	1 8	12 10	1 12	20 16	0 53	6 2	2 19	12 23	0 45	1 57	1 6	18 52	1 15	23 17	23 17	7 42	17 48	3 50
F 12	21 45	6 5	5 14	22 55	1 16	10 24	1 3	11 56	1 12	20 18	0 53	6 2	2 19	12 23	0 45	1 57	1 6	18 52	1 15	23 17	23 17	7 40	17 48	3 50
S 13	21 36	0 22	5 9	22 41	1 23	9 59	0 57	11 43	1 11	20 20	0 53	6 3	2 20	12 24	0 45	1 57	1 6	18 52	1 15	23 17	23 17	7 37	17 48	3 51
S 14	21 27	5n18	4 44	22 24	1 29	9 35	0 52	11 29	1 11	20 22	0 53	6 3	2 20	12 25	0 45	1 57	1 6	18 51	1 15	23 17	23 17	7 35	17 49	3 51
M15	21 18	10 37	4 4	22 5	1 35	9 10	0 46	11 16	1 11	20 24	0 54	6 4	2 20	12 25	0 45	1 56	1 6	18 51	1 15	23 17	23 17	7 32	17 49	3 51
T 16	21 8	15 19	3 10	21 43	1 39	8 45	0 40	11 2	1 10	20 26	0 54	6 4	2 20	12 26	0 45	1 56	1 6	18 50	1 15	23 17	23 17	7 29	17 49	3 51
W17	20 58	19 9	2 6	21 19	1 43	8 21	0 33	10 48	1 10	20 28	0 54	6 5	2 21	12 27	0 45	1 56	1 6	18 50	1 15	23 17	23 17	7 27	17 49	3 52
T 18	20 48	21 56	0 57	20 53	1 46	7 56	0 27	10 34	1 9	20 30	0 54	6 5	2 21	12 27	0 46	1 56	1 6	18 50	1 15	23 17	23 17	7 24	17 50	3 52
F 19	20 37	23 30	0n14	20 25	1 48	7 31	0 20	10 21	1 9	20 32	0 54	6 5	2 21	12 28	0 46	1 56	1 6	18 49	1 15	23 17	23 17	7 22	17 50	3 52
S 20	20 26	23 48	1 23	19 56	1 50	7 7	0 13	10 7	1 8	20 34	0 54	6 5	2 21	12 29	0 46	1 56	1 6	18 49	1 16	23 17	23 17	7 19	17 50	3 52
S 21	20 14	22 52	2 27	19 24	1 51	6 42	0 6	9 53	1 8	20 36	0 54	6 6	2 22	12 29	0 46	1 56	1 6	18 49	1 16	23 17	23 17	7 17	17 50	3 53
M22	20 2	20 50	3 22	18 52	1 51	6 18	0s 1	9 39	1 7	20 37	0 54	6 6	2 22	12 30	0 46	1 55	1 6	18 48	1 16	23 17	23 17	7 14	17 50	3 53
T 23	19 50	17 52	4 8	18 18	1 50	5 53	0 8	9 24	1 7	20 39	0 54	6 6	2 22	12 31	0 46	1 55	1 6	18 48	1 16	23 17	23 17	7 11	17 51	3 53
W24	19 37	14 12	4 42	17 43	1 49	5 29	0 16	9 10	1 6	20 41	0 54	6 6	2 23	12 32	0 46	1 55	1 6	18 48	1 16	23 17	23 17	7 9	17 51	3 53
T 25	19 25	9 59	5 3	17 7	1 47	5 5	0 24	8 56	1 6	20 42	0 54	6 6	2 23	12 32	0 46	1 55	1 6	18 47	1 16	23 17	23 17	7 6	17 51	3 54
F 26	19 11	5 26	5 11	16 30	1 44	4 40	0 32	8 42	1 5	20 44	0 54	6 6	2 23	12 33	0 46	1 55	1 6	18 47	1 16	23 17	23 16	7 4	17 51	3 54
S 27	18 58	0 42	5 6	15 52	1 41	4 17	0 40	8 28	1 5	20 46	0 54	6 6	2 23	12 34	0 46	1 54	1 6	18 46	1 16	23 17	23 16	7 1	17 51	3 54
S 28	18 44	4s 5	4 47	15 13	1 37	3 53	0 49	8 13	1 4	20 47	0 54	6 6	2 24	12 34	0 46	1 54	1 6	18 46	1 16	23 17	23 16	6 58	17 51	3 54
M29	18 30	8 47	4 16	14 34	1 33	3 29	0 57	7 59	1 4	20 49	0 54	6 6	2 24	12 35	0 46	1 54	1 6	18 46	1 16	23 17	23 16	6 56	17 51	3 55
T 30	18 16	13 13	3 32	13 55	1 28	3 6	1 6	7 44	1 3	20 50	0 54	6 6	2 24	12 36	0 46	1 54	1 6	18 45	1 16	23 17	23 16	6 53	17 51	3 55
W31	18n 1	17s12	2n38	13n15	1n23	2n43	1s16	7n30	1n 3	20n52	0s54	6n 6	2s24	12s37	0s46	1n53	1s 6	18n45	1n16	23n17	23n16	6n51	17n52	3s55

Julian Day Number = 2880520.5, Delta T = 01h15m25s
Ecliptic obliquity = 23°17'14, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°11'18, Lahiri = 40°18'18

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ASTRODIENST EPHEMERIS for the year 3174
geocentric

AUGUST 3174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 38 41	9♌28'30	11♐41	0♍ 4	20♍47	13♍55	9♊51	21♈30	28°R32	7°R21	10♌25	29♊21	27♊49	24♍44	9♊33	T 1
F 2	20 42 38	10°25'45	24°56	1°41	21°23	14°32	10° 1	21°R30	28♒30	7♈21	10°26	29°R22	27°46	24°51	9°36	F 2
S 3	20 46 34	11°23'01	8♑38	3°17	21°57	15° 9	10°11	21°30	28°27	7°20	10°28	29°22	27°43	24°58	9°38	S 3
S 4	20 50 31	12°20'17	22°47	4°50	22°30	15°46	10°21	21°30	28°25	7°19	10°30	29°20	27°39	25° 4	9°41	S 4
M 5	20 54 27	13°17'33	7♒18	6°22	23° 1	16°23	10°31	21°30	28°23	7°19	10°31	29°16	27°36	25°11	9°43	M 5
T 6	20 58 24	14°14'49	22° 8	7°51	23°31	17° 0	10°41	21°30	28°21	7°18	10°33	29°10	27°33	25°18	9°45	T 6
W 7	21 2 21	15°12'05	7♓ 7	9°18	24° 0	17°37	10°51	21°29	28°18	7°17	10°34	29° 3	27°30	25°24	9°47	W 7
T 8	21 6 17	16° 9'22	22° 7	10°44	24°26	18°14	11° 1	21°29	28°16	7°16	10°36	28°57	27°27	25°31	9°49	T 8
F 9	21 10 14	17° 6'40	6♈59	12° 7	24°52	18°51	11°10	21°28	28°14	7°15	10°38	28°51	27°24	25°38	9°52	F 9
S 10	21 14 10	18° 3'58	21°35	13°28	25°16	19°29	11°19	21°27	28°11	7°14	10°39	28°46	27°20	25°45	9°54	S 10
S 11	21 18 7	19° 1'17	5♉51	14°47	25°38	20° 6	11°29	21°26	28° 9	7°13	10°41	28°43	27°17	25°51	9°56	S 11
M12	21 22 3	19°58'37	19°45	16° 4	25°58	20°43	11°38	21°25	28° 7	7°12	10°42	28°D43	27°14	25°58	9°58	M12
T 13	21 26 0	20°55'57	3♊17	17°18	26°16	21°20	11°47	21°24	28° 4	7°11	10°44	28°43	27°11	26° 5	9°59	T 13
W14	21 29 56	21°53'19	16°29	18°30	26°33	21°58	11°56	21°23	28° 2	7°10	10°46	28°44	27° 8	26°11	10° 1	W14
T 15	21 33 53	22°50'42	29°24	19°40	26°48	22°35	12° 5	21°22	27°59	7° 9	10°47	28°R45	27° 5	26°18	10° 3	T 15
F 16	21 37 50	23°48'05	12♋ 4	20°47	27° 0	23°12	12°13	21°21	27°57	7° 8	10°49	28°44	27° 1	26°25	10° 5	F 16
S 17	21 41 46	24°45'29	24°33	21°52	27°11	23°50	12°22	21°19	27°55	7° 7	10°50	28°41	26°58	26°32	10° 6	S 17
S 18	21 45 43	25°42'54	6♌51	22°54	27°20	24°27	12°30	21°18	27°52	7° 6	10°52	28°35	26°55	26°38	10° 8	S 18
M19	21 49 39	26°40'20	19° 2	23°53	27°26	25° 4	12°38	21°16	27°50	7° 5	10°53	28°27	26°52	26°45	10°10	M19
T 20	21 53 36	27°37'47	1♍ 5	24°50	27°30	25°42	12°47	21°14	27°48	7° 4	10°55	28°17	26°49	26°52	10°11	T 20
W21	21 57 32	28°35'14	13° 3	25°43	27°R32	26°19	12°55	21°13	27°45	7° 2	10°56	28° 6	26°45	26°59	10°13	W21
T 22	22 1 29	29°32'42	24°57	26°34	27°32	26°57	13° 2	21°11	27°43	7° 1	10°58	27°55	26°42	27° 5	10°14	T 22
F 23	22 5 25	0♍30'10	6♎48	27°21	27°29	27°34	13°10	21° 9	27°40	7° 0	11° 0	27°44	26°39	27°12	10°15	F 23
S 24	22 9 22	1°27'40	18°40	28° 4	27°24	28°12	13°18	21° 7	27°38	6°59	11° 1	27°35	26°36	27°19	10°17	S 24
S 25	22 13 19	2°25'10	0♏34	28°44	27°16	28°50	13°25	21° 4	27°35	6°58	11° 3	27°28	26°33	27°25	10°18	S 25
M26	22 17 15	3°22'41	12°34	29°20	27° 7	29°27	13°32	21° 2	27°33	6°56	11° 4	27°24	26°30	27°32	10°19	M26
T 27	22 21 12	4°20'12	24°45	29°52	26°54	0♎ 5	13°39	21° 0	27°31	6°55	11° 6	27°22	26°26	27°39	10°20	T 27
W28	22 25 8	5°17'45	7♐12	0♎20	26°40	0°42	13°46	20°57	27°28	6°54	11° 7	27°D21	26°23	27°46	10°21	W28
T 29	22 29 5	6°15'18	19°58	0°44	26°23	1°20	13°53	20°55	27°26	6°52	11° 9	27°21	26°20	27°52	10°22	T 29
F 30	22 33 1	7°12'52	3♑10	1° 3	26° 3	1°58	14° 0	20°52	27°24	6°51	11°10	27°R22	26°17	27°59	10°23	F 30
S 31	22 36 58	8♍10'26	16♑49	1♎17	25♍42	2♎36	14♊ 6	20♈50	27♒21	6♈49	11♌12	27♊20	26♊14	28♍ 6	10♊24	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n46	20s29	1n35	12n34	1n17	2n20	1s25	7n15	1n 3	20n53	0s54	6n 6	2s25	12s38	0s46	1n53	1s 6	18n45	1n16	23n17	23n16	6n48	17n52	3s55
F 2	17 31	22 47	0 24	11 54	1 10	1 57	1 34	7 0	1 2	20 55	0 55	6 5	2 25	12 38	0 46	1 53	1 7	18 44	1 16	23 17	23 16	6 45	17 52	3 56
S 3	17 15	23 50	0s50	11 13	1 3	1 35	1 44	6 46	1 2	20 56	0 55	6 5	2 25	12 39	0 46	1 52	1 7	18 44	1 16	23 17	23 16	6 43	17 52	3 56
S 4	16 59	23 24	2 3	10 33	0 56	1 13	1 54	6 31	1 1	20 57	0 55	6 5	2 26	12 40	0 46	1 52	1 7	18 43	1 16	23 17	23 16	6 40	17 52	3 56
M 5	16 43	21 24	3 10	9 52	0 48	0 51	2 4	6 16	1 1	20 59	0 55	6 4	2 26	12 41	0 46	1 52	1 7	18 43	1 16	23 17	23 16	6 38	17 52	3 57
T 6	16 27	17 55	4 6	9 12	0 40	0 29	2 15	6 2	1 0	21 0	0 55	6 4	2 26	12 42	0 46	1 51	1 7	18 43	1 17	23 17	23 16	6 35	17 52	3 57
W 7	16 10	13 16	4 45	8 31	0 32	0 8	2 26	5 47	1 0	21 1	0 55	6 4	2 26	12 42	0 46	1 51	1 7	18 42	1 17	23 17	23 16	6 32	17 52	3 57
T 8	15 54	7 47	5 5	7 51	0 23	0s12	2 36	5 32	0 59	21 3	0 55	6 3	2 27	12 43	0 46	1 51	1 7	18 42	1 17	23 17	23 16	6 30	17 52	3 57
F 9	15 37	1 55	5 4	7 11	0 14	0 32	2 47	5 17	0 59	21 4	0 55	6 3	2 27	12 44	0 46	1 50	1 7	18 42	1 17	23 17	23 16	6 27	17 52	3 58
S 10	15 19	3n58	4 44	6 31	0 4	0 52	2 59	5 2	0 58	21 5	0 55	6 2	2 27	12 45	0 46	1 50	1 7	18 41	1 17	23 17	23 16	6 24	17 52	3 58
S 11	15 2	9 31	4 6	5 52	0s 6	1 11	3 10	4 47	0 58	21 6	0 55	6 2	2 27	12 46	0 46	1 49	1 7	18 41	1 17	23 17	23 16	6 22	17 52	3 58
M12	14 44	14 27	3 14	5 13	0 16	1 30	3 22	4 32	0 57	21 7	0 55	6 1	2 28	12 46	0 46	1 49	1 7	18 40	1 17	23 17	23 16	6 19	17 52	3 59
T 13	14 26	18 31	2 12	4 35	0 26	1 48	3 33	4 17	0 57	21 9	0 55	6 0	2 28	12 47	0 46	1 49	1 7	18 40	1 17	23 17	23 15	6 16	17 52	3 59
W14	14 7	21 31	1 5	3 57	0 37	2 5	3 45	4 2	0 56	21 10	0 55	6 0	2 28	12 48	0 46	1 48	1 7	18 40	1 17	23 17	23 15	6 14	17 52	3 59
T 15	13 49	23 21	0n 4	3 20	0 47	2 22	3 57	3 47	0 56	21 11	0 56	5 59	2 28	12 49	0 46	1 48	1 7	18 39	1 17	23 17	23 15	6 11	17 52	4 0
F 16	13 30	23 55	1 11	2 44	0 58	2 38	4 10	3 32	0 55	21 12	0 56	5 58	2 29	12 50	0 46	1 47	1 7	18 39	1 17	23 17	23 15	6 9	17 52	4 0
S 17	13 11	23 16	2 14	2 8	1 10	2 54	4 22	3 17	0 55	21 13	0 56	5 58	2 29	12 51	0 46	1 47	1 7	18 39	1 17	23 17	23 15	6 6	17 52	4 0
S 18	12 52	21 29	3 9	1 34	1 21	3 9	4 34	3 1	0 54	21 14	0 56	5 57	2 29	12 51	0 46	1 46	1 7	18 38	1 17	23 17	23 15	6 3	17 52	4 0
M19	12 33	18 45	3 55	1 0	1 32	3 23	4 47	2 46	0 54	21 15	0 56	5 56	2 29	12 52	0 46	1 46	1 7	18 38	1 17	23 17	23 15	6 1	17 52	4 1
T 20	12 13	15 14	4 30	0 27	1 44	3 36	4 59	2 31	0 53	21 16	0 56	5 55	2 30	12 53	0 46	1 45	1 7	18 38	1 18	23 17	23 15	5 58	17 52	4 1
W21	11 53	11 8	4 53	0s 5	1 55	3 48	5 12	2 16	0 53	21 17	0 56	5 54	2 30	12 54	0 46	1 45	1 7	18 37	1 18	23 16	23 15	5 55	17 51	4 1
T 22	11 34	6 38	5 3	0 35	2 7	4 0	5 25	2 1	0 52	21 17	0 56	5 53	2 30	12 55	0 46	1 44	1 7	18 37	1 18	23 16	23 15	5 53	17 51	4 2
F 23	11 14	1 54	4 59	1 5	2 19	4 10	5 37	1 45	0 52	21 18	0 56	5 52	2 30	12 56	0 46	1 44	1 7	18 36	1 18	23 16	23 15	5 50	17 51	4 2
S 24	10 53	2s54	4 43	1 32	2 30	4 20	5 50	1 30	0 51	21 19	0 56	5 51	2 31	12 56	0 46	1 43	1 7	18 36	1 18	23 16	23 15	5 47	17 51	4 2
S 25	10 33	7 37	4 14	1 59	2 42	4 28	6 2	1 15	0 51	21 20	0 56	5 50	2 31	12 57	0 46	1 43	1 7	18 36	1 18	23 16	23 15	5 45	17 51	4 3
M26	10 12	12 6	3 34	2 24	2 54	4 35	6 14	0 59	0 50	21 21	0 57	5 49	2 31	12 58	0 46	1 42	1 7	18 35	1 18	23 16	23 14	5 42	17 51	4 3
T 27	9 52	16 11	2 44	2 47	3 5	4 42	6 27	0 44	0 50	21 21	0 57	5 48	2 31	12 59	0 46	1 42	1 7	18 35	1 18	23 16	23 14	5 39	17 51	4 3
W28	9 31	19 39	1 45	3 8	3 16	4 47	6 38	0 29	0 50	21 22	0 57	5 47	2 32	13 0	0 46	1 41	1 7	18 35	1 18	23 16	23 14	5 37	17 50	4 4
T 29	9 10	22 16	0 39	3 27	3 27	4 51	6 50	0 13	0 49	21 23	0 57	5 46	2 32	13 0	0 46	1 41	1 7	18 34	1 18	23 16	23 14	5 34	17 50	4 4
F 30	8 48	23 46	0s31	3 45	3 37	4 54	7 1	0s 2	0 49	21 24	0 57	5 45	2 32	13 1	0 46	1 40	1 7	18 34	1 18	23 16	23 14	5 31	17 50	4 4
S 31	8n27	23s55	1s41	3s59	3s48	4s55	7s12	0s17	0n48	21n24	0s57	5n43	2s32	13s 2	0s46	1n39	1s 7	18n34	1n18	23n16	23n14	5n29	17n50	4s 5

Julian Day Number = 2880551.5, Delta T = 01h15m26s
Ecliptic obliquity = 23°17'15, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°11'22, Lahiri = 40°18'23

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ASTRODIENST EPHEMERIS for the year 3174
geocentric

SEPTEMBER 3174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 40 54	9♍ 8'02	0♒58	1♎26	25°R18	3♎13	14♊13	20°R47	27°R19	6°R48	11♌13	27°R17	26♊11	28♍12	10♊25	S 1
M 2	22 44 51	10° 5'38	15°35	1°R30	24♍52	3°51	14°19	20♈44	27♒17	6♈47	11°14	27♊10	26° 7	28°19	10°26	M 2
T 3	22 48 48	11° 3'16	0♓34	1°28	24°25	4°29	14°25	20°41	27°14	6°45	11°16	27° 2	26° 4	28°26	10°27	T 3
W 4	22 52 44	12° 0'54	15°48	1°21	23°55	5° 7	14°31	20°38	27°12	6°44	11°17	26°52	26° 1	28°33	10°27	W 4
T 5	22 56 41	12°58'33	1♈ 6	1° 8	23°24	5°45	14°36	20°35	27°10	6°42	11°19	26°42	25°58	28°39	10°28	T 5
F 6	23 0 37	13°56'14	16°16	0°50	22°51	6°23	14°42	20°32	27° 7	6°41	11°20	26°32	25°55	28°46	10°28	F 6
S 7	23 4 34	14°53'57	1♉ 8	0°26	22°17	7° 1	14°47	20°28	27° 5	6°39	11°22	26°25	25°51	28°53	10°29	S 7
S 8	23 8 30	15°51'40	15°37	29♍56	21°42	7°39	14°53	20°25	27° 3	6°38	11°23	26°20	25°48	29° 0	10°29	S 8
M 9	23 12 27	16°49'26	29°38	29°21	21° 5	8°17	14°58	20°22	27° 1	6°36	11°24	26°17	25°45	29° 6	10°30	M 9
T 10	23 16 23	17°47'13	13♊12	28°42	20°29	8°55	15° 2	20°18	26°59	6°35	11°26	26°16	25°42	29°13	10°30	T 10
W11	23 20 20	18°45'02	26°21	27°57	19°52	9°33	15° 7	20°15	26°56	6°33	11°27	26°16	25°39	29°20	10°30	W11
T 12	23 24 16	19°42'52	9♋ 9	27° 9	19°14	10°11	15°12	20°11	26°54	6°32	11°28	26°16	25°36	29°26	10°31	T 12
F 13	23 28 13	20°40'44	21°40	26°18	18°37	10°49	15°16	20° 7	26°52	6°30	11°30	26°14	25°32	29°33	10°31	F 13
S 14	23 32 10	21°38'38	3♌58	25°24	18° 0	11°27	15°20	20° 4	26°50	6°29	11°31	26° 9	25°29	29°40	10°31	S 14
S 15	23 36 6	22°36'33	16° 6	24°30	17°23	12° 5	15°24	20° 0	26°48	6°27	11°32	26° 2	25°26	29°47	10°R31	S 15
M16	23 40 3	23°34'30	28° 6	23°35	16°48	12°44	15°28	19°56	26°46	6°25	11°33	25°52	25°23	29°53	10°31	M16
T 17	23 43 59	24°32'28	10♍ 3	22°41	16°13	13°22	15°31	19°52	26°44	6°24	11°35	25°40	25°20	0♎ 0	10°31	T 17
W18	23 47 56	25°30'28	21°56	21°49	15°39	14° 0	15°35	19°48	26°42	6°22	11°36	25°26	25°16	0° 7	10°30	W18
T 19	23 51 52	26°28'30	3♎48	21° 0	15° 7	14°39	15°38	19°44	26°40	6°21	11°37	25°11	25°13	0°13	10°30	T 19
F 20	23 55 49	27°26'33	15°40	20°16	14°37	15°17	15°41	19°40	26°38	6°19	11°38	24°58	25°10	0°20	10°30	F 20
S 21	23 59 45	28°24'37	27°33	19°37	14° 8	15°55	15°44	19°36	26°36	6°17	11°39	24°46	25° 7	0°27	10°30	S 21
S 22	0 3 42	29°22'43	9♏30	19° 4	13°41	16°34	15°47	19°32	26°34	6°16	11°41	24°37	25° 4	0°34	10°29	S 22
M23	0 7 39	0♎20'50	21°33	18°39	13°16	17°12	15°49	19°28	26°32	6°14	11°42	24°31	25° 1	0°40	10°29	M23
T 24	0 11 35	1°18'59	3♐46	18°21	12°53	17°51	15°51	19°23	26°30	6°12	11°43	24°27	24°57	0°47	10°28	T 24
W25	0 15 32	2°17'10	16°12	18°12	12°32	18°29	15°53	19°19	26°28	6°11	11°44	24°26	24°54	0°54	10°28	W25
T 26	0 19 28	3°15'21	28°55	18°D11	12°13	19° 8	15°55	19°15	26°27	6° 9	11°45	24°26	24°51	1° 1	10°27	T 26
F 27	0 23 25	4°13'34	12♑ 1	18°20	11°57	19°46	15°57	19°10	26°25	6° 7	11°46	24°26	24°48	1° 7	10°26	F 27
S 28	0 27 21	5°11'49	25°33	18°37	11°43	20°25	15°58	19° 6	26°23	6° 6	11°47	24°25	24°45	1°14	10°25	S 28
S 29	0 31 18	6°10'05	9♒33	19° 3	11°32	21° 4	16° 0	19° 1	26°22	6° 4	11°48	24°21	24°42	1°21	10°25	S 29
M30	0 35 14	7♎ 8'22	24♒ 2	19♍38	11♍23	21♎42	16♊ 1	18♈57	26♒20	6♈ 2	11♌49	24♊15	24♊38	1♎27	10♊24	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n 6	22s33	2s48	4s12	3s57	4s55	7s23	0s33	0n48	21n25	0s57	5n42	2s32	13s 3	0s46	1n39	1s 8	18n33	1n18	23n16	23n14	5n26	17n50	4s 5
M 2	7 44	19 40	3 46	4 22	4 6	4 54	7 33	0 48	0 47	21 26	0 57	5 41	2 33	13 4	0 46	1 38	1 8	18 33	1 18	23 15	23 14	5 23	17 49	4 5
T 3	7 22	15 25	4 30	4 29	4 14	4 52	7 42	1 4	0 47	21 26	0 57	5 40	2 33	13 4	0 46	1 38	1 8	18 33	1 19	23 15	23 14	5 20	17 49	4 6
W 4	7 1	10 6	4 56	4 33	4 22	4 49	7 51	1 19	0 46	21 27	0 57	5 38	2 33	13 5	0 46	1 37	1 8	18 33	1 19	23 15	23 14	5 18	17 49	4 6
T 5	6 39	4 10	5 0	4 33	4 28	4 44	7 59	1 34	0 46	21 27	0 58	5 37	2 33	13 6	0 46	1 37	1 8	18 32	1 19	23 15	23 14	5 15	17 49	4 6
F 6	6 17	1n59	4 44	4 31	4 34	4 38	8 6	1 50	0 45	21 28	0 58	5 36	2 34	13 7	0 46	1 36	1 8	18 32	1 19	23 15	23 13	5 12	17 49	4 7
S 7	5 55	7 55	4 8	4 26	4 38	4 31	8 13	2 5	0 45	21 28	0 58	5 34	2 34	13 8	0 46	1 35	1 8	18 32	1 19	23 14	23 13	5 10	17 48	4 7
S 8	5 33	13 16	3 17	4 17	4 41	4 23	8 19	2 20	0 44	21 29	0 58	5 33	2 34	13 8	0 46	1 35	1 8	18 31	1 19	23 14	23 13	5 7	17 48	4 7
M 9	5 10	17 44	2 16	4 4	4 42	4 13	8 24	2 36	0 44	21 29	0 58	5 31	2 34	13 9	0 46	1 34	1 8	18 31	1 19	23 14	23 13	5 4	17 48	4 8
T 10	4 48	21 6	1 9	3 48	4 42	4 3	8 28	2 51	0 43	21 30	0 58	5 30	2 34	13 10	0 46	1 33	1 8	18 31	1 19	23 14	23 13	5 2	17 47	4 8
W11	4 25	23 15	0n 0	3 29	4 40	3 51	8 31	3 6	0 43	21 30	0 58	5 29	2 34	13 10	0 46	1 33	1 8	18 30	1 19	23 14	23 13	4 59	17 47	4 8
T 12	4 3	24 6	1 8	3 7	4 37	3 39	8 34	3 22	0 42	21 30	0 58	5 27	2 35	13 11	0 46	1 32	1 8	18 30	1 19	23 14	23 13	4 56	17 47	4 9
F 13	3 40	23 42	2 10	2 41	4 31	3 26	8 35	3 37	0 42	21 31	0 58	5 25	2 35	13 12	0 46	1 32	1 8	18 30	1 19	23 14	23 13	4 53	17 47	4 9
S 14	3 18	22 8	3 5	2 13	4 23	3 12	8 35	3 52	0 41	21 31	0 58	5 24	2 35	13 13	0 46	1 31	1 8	18 30	1 19	23 14	23 13	4 51	17 46	4 9
S 15	2 55	19 35	3 51	1 43	4 14	2 58	8 35	4 8	0 41	21 31	0 59	5 22	2 35	13 13	0 46	1 30	1 8	18 29	1 20	23 14	23 13	4 48	17 46	4 10
M16	2 32	16 12	4 26	1 11	4 3	2 43	8 34	4 23	0 40	21 32	0 59	5 21	2 35	13 14	0 46	1 30	1 8	18 29	1 20	23 13	23 12	4 45	17 46	4 10
T 17	2 9	12 12	4 48	0 38	3 50	2 28	8 31	4 38	0 40	21 32	0 59	5 19	2 35	13 15	0 46	1 29	1 8	18 29	1 20	23 13	23 12	4 43	17 45	4 10
W18	1 46	7 45	4 59	0 4	3 35	2 12	8 28	4 53	0 39	21 32	0 59	5 18	2 36	13 15	0 46	1 28	1 8	18 28	1 20	23 13	23 12	4 40	17 45	4 11
T 19	1 24	3 2	4 56	0n29	3 19	1 56	8 24	5 9	0 39	21 32	0 59	5 16	2 36	13 16	0 46	1 28	1 8	18 28	1 20	23 12	23 12	4 37	17 44	4 11
F 20	1 1	1s49	4 40	1 2	3 2	1 40	8 20	5 24	0 38	21 33	0 59	5 14	2 36	13 17	0 46	1 27	1 8	18 28	1 20	23 12	23 12	4 34	17 44	4 11
S 21	0 38	6 36	4 12	1 34	2 44	1 24	8 14	5 39	0 38	21 33	0 59	5 13	2 36	13 17	0 46	1 26	1 8	18 28	1 20	23 11	23 12	4 32	17 44	4 12
S 22	0 15	11 11	3 33	2 4	2 25	1 9	8 8	5 54	0 37	21 33	0 59	5 11	2 36	13 18	0 46	1 26	1 8	18 28	1 20	23 11	23 12	4 29	17 43	4 12
M23	0s 8	15 23	2 44	2 32	2 6	0 53	8 1	6 9	0 36	21 33	0 59	5 9	2 36	13 19	0 46	1 25	1 8	18 27	1 20	23 10	23 12	4 26	17 43	4 12
T 24	0 31	19 1	1 47	2 56	1 47	0 37	7 54	6 24	0 36	21 33	1 0	5 8	2 36	13 19	0 46	1 24	1 8	18 27	1 20	23 10	23 12	4 23	17 43	4 12
W25	0 54	21 51	0 43	3 18	1 27	0 22	7 46	6 39	0 35	21 33	1 0	5 6	2 36	13 20	0 46	1 24	1 8	18 27	1 20	23 10	23 11	4 21	17 42	4 13
T 26	1 17	23 41	0s24	3 36	1 8	0 7	7 37	6 54	0 35	21 33	1 0	5 4	2 37	13 20	0 46	1 23	1 8	18 27	1 21	23 10	23 11	4 18	17 42	4 13
F 27	1 40	24 16	1 32	3 50	0 49	0n 7	7 28	7 9	0 34	21 34	1 0	5 2	2 37	13 21	0 46	1 23	1 8	18 26	1 21	23 10	23 11	4 15	17 41	4 13
S 28	2 3	23 28	2 37	4 0	0 31	0 21	7 19	7 24	0 34	21 34	1 0	5 1	2 37	13 21	0 46	1 22	1 8	18 26	1 21	23 10	23 11	4 12	17 41	4 14
S 29	2 26	21 12	3 35	4 6	0 14	0 34	7 9	7 39	0 33	21 34	1 0	4 59	2 37	13 22	0 46	1 21	1 8	18 26	1 21	23 10	23 11	4 10	17 40	4 14
M30	2s49	17s31	4s21	4n 7	0n 2	0n47	6s59	7s54	0n33	21n34	1s 0	4n57	2s37	13s23	0s46	1n21	1s 8	18n26	1n21	23n10	23n11	4n 7	17n40	4s14

Julian Day Number = 2880582.5, Delta T = 01h15m26s
Ecliptic obliquity = 23°17'15, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°11'27, Lahiri = 40°18'27

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ASTRODIENST EPHEMERIS for the year 3174
geocentric

OCTOBER 3174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 39 11	8♎ 6'41	8♓56	20♍21	11°R16	22♎21	16♊ 2	18°R52	26°R18	6°R 1	11♌50	24°R 7	24♊35	1♎34	10°R23	T 1
W 2	0 43 8	9° 5'01	24° 8	21°12	11♍12	23° 0	16° 2	18♈48	26♒17	5♈59	11°51	23♊57	24°32	1°41	10♊22	W 2
T 3	0 47 4	10° 3'23	9♈28	22°11	11°D10	23°39	16° 3	18°43	26°15	5°57	11°52	23°47	24°29	1°48	10°21	T 3
F 4	0 51 1	11° 1'47	24°45	23°17	11°11	24°17	16° 3	18°39	26°14	5°56	11°53	23°37	24°26	1°54	10°20	F 4
S 5	0 54 57	12° 0'13	9♉47	24°30	11°14	24°56	16°R 3	18°34	26°12	5°54	11°54	23°29	24°22	2° 1	10°18	S 5
S 6	0 58 54	12°58'40	24°26	25°49	11°19	25°35	16° 3	18°30	26°11	5°53	11°55	23°24	24°19	2° 8	10°17	S 6
M 7	1 2 50	13°57'10	8♊37	27°13	11°27	26°14	16° 3	18°25	26° 9	5°51	11°56	23°21	24°16	2°14	10°16	M 7
T 8	1 6 47	14°55'42	22°19	28°42	11°36	26°53	16° 2	18°20	26° 8	5°49	11°57	23°D20	24°13	2°21	10°15	T 8
W 9	1 10 43	15°54'16	5♋33	0♎14	11°48	27°32	16° 2	18°16	26° 7	5°48	11°58	23°20	24°10	2°28	10°13	W 9
T 10	1 14 40	16°52'53	18°22	1°51	12° 2	28°11	16° 1	18°11	26° 6	5°46	11°58	23°R21	24° 7	2°35	10°12	T 10
F 11	1 18 37	17°51'31	0♌52	3°31	12°18	28°50	16° 0	18° 7	26° 4	5°44	11°59	23°20	24° 3	2°41	10°10	F 11
S 12	1 22 33	18°50'11	13° 6	5°13	12°36	29°29	15°58	18° 2	26° 3	5°43	12° 0	23°17	24° 0	2°48	10° 9	S 12
S 13	1 26 30	19°48'54	25° 9	6°57	12°56	0♏ 8	15°57	17°57	26° 2	5°41	12° 1	23°12	23°57	2°55	10° 7	S 13
M14	1 30 26	20°47'39	7♍ 5	8°42	13°18	0°48	15°55	17°53	26° 1	5°40	12° 2	23° 4	23°54	3° 2	10° 5	M14
T 15	1 34 23	21°46'25	18°58	10°29	13°41	1°27	15°53	17°48	26° 0	5°38	12° 2	22°54	23°51	3° 8	10° 4	T 15
W16	1 38 19	22°45'14	0♎49	12°17	14° 6	2° 6	15°51	17°43	25°59	5°37	12° 3	22°42	23°48	3°15	10° 2	W16
T 17	1 42 16	23°44'05	12°42	14° 5	14°33	2°45	15°49	17°39	25°58	5°35	12° 4	22°31	23°44	3°22	10° 0	T 17
F 18	1 46 12	24°42'58	24°37	15°54	15° 2	3°25	15°46	17°34	25°57	5°33	12° 4	22°20	23°41	3°28	9°58	F 18
S 19	1 50 9	25°41'53	6♏36	17°43	15°32	4° 4	15°44	17°30	25°56	5°32	12° 5	22°10	23°38	3°35	9°56	S 19
S 20	1 54 5	26°40'49	18°41	19°32	16° 4	4°43	15°41	17°25	25°56	5°30	12° 5	22° 3	23°35	3°42	9°54	S 20
M21	1 58 2	27°39'48	0♐53	21°20	16°37	5°23	15°38	17°20	25°55	5°29	12° 6	21°58	23°32	3°49	9°52	M21
T 22	2 1 59	28°38'49	13°14	23° 8	17°11	6° 2	15°34	17°16	25°54	5°27	12° 7	21°56	23°28	3°55	9°50	T 22
W23	2 5 55	29°37'51	25°47	24°56	17°47	6°42	15°31	17°11	25°53	5°26	12° 7	21°D56	23°25	4° 2	9°48	W23
T 24	2 9 52	0♏36'55	8♑35	26°43	18°24	7°22	15°27	17° 7	25°53	5°24	12° 8	21°56	23°22	4° 9	9°46	T 24
F 25	2 13 48	1°36'01	21°41	28°29	19° 2	8° 1	15°23	17° 3	25°52	5°23	12° 8	21°57	23°19	4°15	9°44	F 25
S 26	2 17 45	2°35'08	5♒ 8	0♏15	19°41	8°41	15°19	16°58	25°52	5°22	12° 9	21°R58	23°16	4°22	9°42	S 26
S 27	2 21 41	3°34'17	18°59	2° 0	20°22	9°20	15°15	16°54	25°51	5°20	12° 9	21°57	23°13	4°29	9°39	S 27
M28	2 25 38	4°33'28	3♓14	3°45	21° 4	10° 0	15°11	16°50	25°51	5°19	12° 9	21°54	23° 9	4°36	9°37	M28
T 29	2 29 34	5°32'41	17°51	5°29	21°46	10°40	15° 6	16°45	25°51	5°17	12°10	21°49	23° 6	4°42	9°35	T 29
W30	2 33 31	6°31'55	2♈46	7°12	22°30	11°20	15° 1	16°41	25°50	5°16	12°10	21°42	23° 3	4°49	9°32	W30
T 31	2 37 28	7♏31'10	17♈51	8♏54	23♍15	12♏ 0	14♊56	16♈37	25♒50	5♈15	12♌10	21♊35	23♊ 0	4♎56	9♊30	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s12	12s40	4s51	4n 4	0n18	0n59	6s48	8s 9	0n32	21n34	1s 0	4n55	2s37	13s23	0s46	1n20	1s 8	18n26	1n21	23n 9	23n11	4n 4	17n40	4s15
W 2	3 35	6 56	5 1	3 57	0 32	1 11	6 38	8 23	0 32	21 34	1 0	4 54	2 37	13 24	0 46	1 19	1 8	18 25	1 21	23 9	23 11	4 1	17 39	4 15
T 3	3 58	0 43	4 50	3 46	0 45	1 21	6 27	8 38	0 31	21 34	1 0	4 52	2 37	13 24	0 45	1 19	1 8	18 25	1 21	23 9	23 10	3 59	17 39	4 15
F 4	4 20	5n31	4 18	3 31	0 57	1 31	6 16	8 53	0 31	21 34	1 1	4 50	2 37	13 25	0 45	1 18	1 8	18 25	1 21	23 8	23 10	3 56	17 38	4 16
S 5	4 43	11 20	3 29	3 13	1 8	1 41	6 5	9 7	0 30	21 33	1 1	4 48	2 37	13 25	0 45	1 17	1 8	18 25	1 21	23 8	23 10	3 53	17 38	4 16
S 6	5 6	16 23	2 27	2 50	1 17	1 49	5 53	9 22	0 30	21 33	1 1	4 47	2 37	13 25	0 45	1 17	1 8	18 25	1 21	23 7	23 10	3 50	17 37	4 16
M 7	5 28	20 20	1 17	2 25	1 26	1 57	5 42	9 37	0 29	21 33	1 1	4 45	2 37	13 26	0 45	1 16	1 8	18 25	1 22	23 7	23 10	3 48	17 37	4 17
T 8	5 51	22 59	0 5	1 56	1 33	2 4	5 31	9 51	0 29	21 33	1 1	4 43	2 37	13 26	0 45	1 15	1 8	18 24	1 22	23 7	23 10	3 45	17 36	4 17
W 9	6 13	24 15	1n 5	1 25	1 39	2 10	5 20	10 5	0 28	21 33	1 1	4 41	2 37	13 27	0 45	1 15	1 8	18 24	1 22	23 7	23 10	3 42	17 36	4 17
T 10	6 36	24 10	2 9	0 51	1 43	2 15	5 8	10 20	0 28	21 33	1 1	4 39	2 38	13 27	0 45	1 14	1 8	18 24	1 22	23 7	23 9	3 39	17 35	4 18
F 11	6 58	22 51	3 6	0 15	1 47	2 19	4 57	10 34	0 27	21 32	1 1	4 38	2 38	13 27	0 45	1 13	1 8	18 24	1 22	23 7	23 9	3 37	17 35	4 18
S 12	7 20	20 30	3 52	0s23	1 50	2 23	4 46	10 48	0 27	21 32	1 1	4 36	2 38	13 28	0 45	1 13	1 8	18 24	1 22	23 7	23 9	3 34	17 34	4 18
S 13	7 42	17 16	4 28	1 2	1 51	2 26	4 34	11 3	0 26	21 32	1 1	4 34	2 38	13 28	0 45	1 12	1 8	18 24	1 22	23 7	23 9	3 31	17 34	4 18
M14	8 4	13 22	4 52	1 43	1 52	2 28	4 23	11 17	0 26	21 32	1 2	4 32	2 38	13 29	0 45	1 12	1 8	18 24	1 22	23 6	23 9	3 28	17 33	4 19
T 15	8 26	8 59	5 3	2 24	1 52	2 29	4 12	11 31	0 25	21 31	1 2	4 31	2 38	13 29	0 45	1 11	1 8	18 24	1 22	23 6	23 9	3 26	17 33	4 19
W16	8 48	4 16	5 0	3 7	1 52	2 30	4 1	11 45	0 25	21 31	1 2	4 29	2 38	13 29	0 45	1 10	1 8	18 23	1 22	23 5	23 9	3 23	17 32	4 19
T 17	9 9	0s36	4 45	3 50	1 50	2 30	3 50	11 59	0 24	21 31	1 2	4 27	2 38	13 29	0 45	1 10	1 8	18 23	1 22	23 5	23 8	3 20	17 32	4 20
F 18	9 31	5 29	4 17	4 33	1 48	2 29	3 40	12 12	0 23	21 31	1 2	4 25	2 38	13 30	0 45	1 9	1 8	18 23	1 23	23 4	23 8	3 17	17 31	4 20
S 19	9 52	10 12	3 38	5 17	1 45	2 27	3 29	12 26	0 23	21 30	1 2	4 24	2 38	13 30	0 45	1 9	1 8	18 23	1 23	23 3	23 8	3 14	17 31	4 20
S 20	10 13	14 34	2 48	6 1	1 42	2 25	3 19	12 40	0 22	21 30	1 2	4 22	2 38	13 30	0 45	1 8	1 8	18 23	1 23	23 3	23 8	3 12	17 30	4 20
M21	10 35	18 24	1 50	6 45	1 38	2 22	3 8	12 53	0 22	21 29	1 2	4 20	2 38	13 30	0 45	1 7	1 8	18 23	1 23	23 3	23 8	3 9	17 29	4 21
T 22	10 56	21 28	0 47	7 29	1 34	2 18	2 58	13 7	0 21	21 29	1 2	4 19	2 37	13 31	0 45	1 7	1 8	18 23	1 23	23 3	23 8	3 6	17 29	4 21
W23	11 16	23 34	0s21	8 12	1 30	2 13	2 48	13 20	0 21	21 29	1 2	4 17	2 37	13 31	0 45	1 6	1 8	18 23	1 23	23 3	23 8	3 3	17 28	4 21
T 24	11 37	24 29	1 28	8 55	1 25	2 8	2 38	13 34	0 20	21 28	1 2	4 15	2 37	13 31	0 45	1 6	1 8	18 23	1 23	23 3	23 7	3 0	17 28	4 21
F 25	11 57	24 4	2 33	9 38	1 19	2 2	2 28	13 47	0 20	21 28	1 2	4 14	2 37	13 31	0 45	1 5	1 8	18 23	1 23	23 3	23 7	2 58	17 27	4 22
S 26	12 18	22 17	3 31	10 20	1 14	1 56	2 19	14 0	0 19	21 27	1 2	4 12	2 37	13 31	0 45	1 4	1 8	18 23	1 23	23 3	23 7	2 55	17 27	4 22
S 27	12 38	19 8	4 19	11 2	1 8	1 49	2 9	14 13	0 19	21 27	1 2	4 10	2 37	13 31	0 45	1 4	1 8	18 23	1 23	23 3	23 7	2 52	17 26	4 22
M28	12 58	14 48	4 52	11 43	1 2	1 41	2 0	14 26	0 18	21 26	1 2	4 9	2 37	13 32	0 45	1 3	1 8	18 23	1 24	23 2	23 7	2 49	17 25	4 22
T 29	13 17	9 29	5 7	12 23	0 56	1 33	1 51	14 39	0 18	21 26	1 3	4 7	2 37	13 32	0 45	1 3	1 8	18 23	1 24	23 2	23 7	2 46	17 25	4 23
W30	13 37	3 32	5 2	13 3	0 50	1 24	1 42	14 52	0 17	21 25	1 3	4 6	2 37	13 32	0 45	1 2	1 8	18 23	1 24	23 2	23 6	2 44	17 24	4 23
T 31	13s56	2n41	4s37	13s42	0n43	1n14	1s33	15s 5	0n16	21n24	1s 3	4n 4	2s37	13s32	0s45	1n 2	1s 8	18n23	1n24	23n 1	23n 6	2n41	17n24	4s23

Julian Day Number = 2880612.5, Delta T = 01h15m27s
Ecliptic obliquity = 23°17'16, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°11'31, Lahiri = 40°18'31

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3174
geocentric

NOVEMBER 3174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 41 24	8♏30'28	2♉57	10♏36	24♍ 1	12♏39	14°R51	16°R33	25°R50	5°R13	12♌11	21°R29	22♊57	5♎ 3	9°R27	F 1
S 2	2 45 21	9°29'48	17°54	12°17	24°48	13°19	14♊46	16♈29	25♒50	5♈12	12°11	21♊24	22°53	5° 9	9♊25	S 2
S 3	2 49 17	10°29'10	2♊33	13°57	25°35	13°59	14°40	16°25	25°49	5°11	12°11	21°21	22°50	5°16	9°22	S 3
M 4	2 53 14	11°28'34	16°48	15°36	26°24	14°39	14°35	16°21	25°49	5° 9	12°11	21°D19	22°47	5°23	9°20	M 4
T 5	2 57 10	12°28'00	0♋36	17°15	27°13	15°19	14°29	16°17	25°D49	5° 8	12°12	21°19	22°44	5°29	9°17	T 5
W 6	3 1 7	13°27'29	13°57	18°53	28° 3	15°59	14°23	16°13	25°49	5° 7	12°12	21°21	22°41	5°36	9°14	W 6
T 7	3 5 3	14°26'59	26°52	20°31	28°54	16°39	14°17	16° 9	25°49	5° 6	12°12	21°22	22°38	5°43	9°12	T 7
F 8	3 9 0	15°26'32	9♌26	22° 8	29°46	17°20	14°11	16° 5	25°50	5° 5	12°12	21°23	22°34	5°50	9° 9	F 8
S 9	3 12 57	16°26'07	21°42	23°44	0♎38	18° 0	14° 5	16° 2	25°50	5° 4	12°12	21°R23	22°31	5°56	9° 6	S 9
S 10	3 16 53	17°25'44	3♍45	25°20	1°31	18°40	13°58	15°58	25°50	5° 2	12°12	21°22	22°28	6° 3	9° 3	S 10
M11	3 20 50	18°25'24	15°41	26°55	2°25	19°20	13°52	15°54	25°50	5° 1	12°12	21°19	22°25	6°10	9° 1	M11
T 12	3 24 46	19°25'05	27°33	28°30	3°19	20° 1	13°45	15°51	25°51	5° 0	12°R12	21°15	22°22	6°16	8°58	T 12
W13	3 28 43	20°24'49	9♎24	0♐ 4	4°14	20°41	13°38	15°48	25°51	4°59	12°12	21° 9	22°19	6°23	8°55	W13
T 14	3 32 39	21°24'34	21°19	1°37	5°10	21°21	13°31	15°44	25°52	4°58	12°12	21° 4	22°15	6°30	8°52	T 14
F 15	3 36 36	22°24'22	3♏20	3°10	6° 6	22° 2	13°24	15°41	25°52	4°57	12°12	20°59	22°12	6°37	8°49	F 15
S 16	3 40 32	23°24'12	15°28	4°43	7° 3	22°42	13°17	15°38	25°53	4°56	12°12	20°54	22° 9	6°43	8°46	S 16
S 17	3 44 29	24°24'04	27°44	6°15	8° 0	23°23	13° 9	15°35	25°53	4°55	12°12	20°51	22° 6	6°50	8°43	S 17
M18	3 48 26	25°23'58	10♐11	7°46	8°58	24° 3	13° 2	15°32	25°54	4°54	12°12	20°49	22° 3	6°57	8°40	M18
T 19	3 52 22	26°23'53	22°49	9°18	9°56	24°44	12°54	15°29	25°55	4°53	12°12	20°D49	21°59	7° 3	8°37	T 19
W20	3 56 19	27°23'50	5♑39	10°48	10°55	25°25	12°47	15°26	25°55	4°53	12°12	20°49	21°56	7°10	8°34	W20
T 21	4 0 15	28°23'49	18°42	12°18	11°54	26° 5	12°39	15°23	25°56	4°52	12°11	20°51	21°53	7°17	8°31	T 21
F 22	4 4 12	29°23'50	1♒59	13°48	12°54	26°46	12°31	15°20	25°57	4°51	12°11	20°52	21°50	7°24	8°28	F 22
S 23	4 8 8	0♐23'52	15°31	15°17	13°54	27°27	12°24	15°18	25°58	4°50	12°11	20°54	21°47	7°30	8°25	S 23
S 24	4 12 5	1°23'56	29°19	16°46	14°55	28° 8	12°16	15°15	25°59	4°49	12°11	20°R54	21°44	7°37	8°22	S 24
M25	4 16 1	2°24'01	13♓24	18°14	15°56	28°49	12° 8	15°13	26° 0	4°49	12°10	20°54	21°40	7°44	8°19	M25
T 26	4 19 58	3°24'07	27°44	19°41	16°57	29°29	12° 0	15°11	26° 1	4°48	12°10	20°53	21°37	7°50	8°16	T 26
W27	4 23 55	4°24'15	12♈15	21° 9	17°59	0♐10	11°52	15° 8	26° 2	4°47	12°10	20°51	21°34	7°57	8°13	W27
T 28	4 27 51	5°24'24	26°54	22°35	19° 1	0°51	11°44	15° 6	26° 3	4°47	12° 9	20°49	21°31	8° 4	8°10	T 28
F 29	4 31 48	6°24'35	11♉35	24° 1	20° 4	1°32	11°36	15° 4	26° 4	4°46	12° 9	20°47	21°28	8°11	8° 7	F 29
S 30	4 35 44	7♐24'48	26♉10	25♐26	21♎ 7	2♐13	11♊27	15♈ 2	26♒ 6	4♈46	12♌ 9	20♊45	21♊25	8♎17	8♊ 4	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s15	8n47	3s52	14s20	0n37	1n 4	1s24	15s17	0n16	21n24	1s 3	4n 3	2s37	13s32	0s45	1n 1	1s 8	18n23	1n24	23n 1	23n 6	2n38	17n23	4s23
S 2	14 34	14 19	2 51	14 57	0 30	0 54	1 16	15 30	0 15	21 23	1 3	4 1	2 37	13 32	0 45	1 1	1 8	18 23	1 24	23 1	23 6	2 35	17 23	4 24
S 3	14 52	18 54	1 40	15 33	0 23	0 43	1 7	15 42	0 15	21 23	1 3	4 0	2 37	13 32	0 45	1 0	1 8	18 23	1 24	23 0	23 6	2 32	17 22	4 24
M 4	15 11	22 14	0 25	16 9	0 16	0 31	0 59	15 54	0 14	21 22	1 3	3 59	2 37	13 32	0 45	1 0	1 8	18 23	1 24	23 0	23 6	2 30	17 21	4 24
T 5	15 29	24 7	0n50	16 43	0 10	0 19	0 51	16 6	0 14	21 21	1 3	3 57	2 36	13 32	0 44	0 59	1 8	18 23	1 24	23 0	23 5	2 27	17 21	4 24
W 6	15 47	24 33	2 0	17 17	0 3	0 6	0 44	16 19	0 13	21 20	1 3	3 56	2 36	13 32	0 44	0 59	1 8	18 23	1 24	23 0	23 5	2 24	17 20	4 24
T 7	16 4	23 37	3 1	17 50	0s 4	0s 7	0 36	16 31	0 13	21 20	1 3	3 54	2 36	13 32	0 44	0 58	1 8	18 23	1 25	23 1	23 5	2 21	17 20	4 25
F 8	16 22	21 31	3 52	18 22	0 11	0 20	0 28	16 42	0 12	21 19	1 3	3 53	2 36	13 32	0 44	0 58	1 8	18 23	1 25	23 1	23 5	2 18	17 19	4 25
S 9	16 39	18 28	4 31	18 53	0 18	0 34	0 21	16 54	0 11	21 18	1 3	3 52	2 36	13 32	0 44	0 58	1 8	18 23	1 25	23 1	23 5	2 15	17 18	4 25
S 10	16 56	14 41	4 57	19 23	0 25	0 49	0 14	17 6	0 11	21 18	1 3	3 51	2 36	13 31	0 44	0 57	1 8	18 23	1 25	23 1	23 5	2 13	17 18	4 25
M11	17 12	10 23	5 10	19 51	0 32	1 4	0 7	17 17	0 10	21 17	1 3	3 49	2 36	13 31	0 44	0 57	1 8	18 23	1 25	23 0	23 4	2 10	17 17	4 25
T 12	17 28	5 43	5 10	20 19	0 38	1 19	0 0	17 28	0 10	21 16	1 3	3 48	2 36	13 31	0 44	0 56	1 8	18 23	1 25	23 0	23 4	2 7	17 17	4 26
W13	17 44	0 50	4 56	20 46	0 45	1 34	0n 7	17 40	0 9	21 15	1 3	3 47	2 35	13 31	0 44	0 56	1 8	18 23	1 25	23 0	23 4	2 4	17 16	4 26
T 14	18 0	4s 5	4 30	21 12	0 52	1 50	0 13	17 51	0 9	21 14	1 3	3 46	2 35	13 31	0 44	0 56	1 8	18 24	1 25	22 59	23 4	2 1	17 15	4 26
F 15	18 15	8 55	3 51	21 37	0 58	2 7	0 19	18 2	0 8	21 14	1 3	3 45	2 35	13 31	0 44	0 55	1 8	18 24	1 25	22 59	23 4	1 59	17 15	4 26
S 16	18 30	13 28	3 2	22 0	1 4	2 23	0 26	18 13	0 8	21 13	1 3	3 44	2 35	13 30	0 44	0 55	1 8	18 24	1 25	22 59	23 3	1 56	17 14	4 26
S 17	18 45	17 32	2 3	22 23	1 11	2 40	0 32	18 23	0 7	21 12	1 3	3 43	2 35	13 30	0 44	0 54	1 8	18 24	1 26	22 58	23 3	1 53	17 14	4 26
M18	18 59	20 53	0 58	22 44	1 17	2 58	0 37	18 34	0 6	21 11	1 3	3 42	2 35	13 30	0 44	0 54	1 8	18 24	1 26	22 58	23 3	1 50	17 13	4 27
T 19	19 14	23 17	0s11	23 4	1 23	3 15	0 43	18 44	0 6	21 10	1 3	3 41	2 34	13 30	0 44	0 54	1 8	18 24	1 26	22 58	23 3	1 47	17 12	4 27
W20	19 27	24 31	1 21	23 23	1 29	3 33	0 49	18 54	0 5	21 9	1 3	3 40	2 34	13 29	0 44	0 53	1 8	18 24	1 26	22 58	23 3	1 44	17 12	4 27
T 21	19 41	24 26	2 28	23 41	1 35	3 51	0 54	19 5	0 5	21 8	1 3	3 39	2 34	13 29	0 44	0 53	1 7	18 25	1 26	22 58	23 2	1 42	17 11	4 27
F 22	19 54	22 58	3 28	23 58	1 40	4 9	0 59	19 15	0 4	21 7	1 2	3 38	2 34	13 29	0 44	0 53	1 7	18 25	1 26	22 59	23 2	1 39	17 11	4 27
S 23	20 6	20 11	4 17	24 14	1 46	4 28	1 4	19 24	0 4	21 6	1 2	3 37	2 34	13 28	0 44	0 53	1 7	18 25	1 26	22 59	23 2	1 36	17 10	4 27
S 24	20 19	16 13	4 53	24 28	1 51	4 47	1 9	19 34	0 3	21 5	1 2	3 36	2 33	13 28	0 44	0 52	1 7	18 25	1 26	22 59	23 2	1 33	17 10	4 27
M25	20 31	11 18	5 13	24 41	1 56	5 6	1 14	19 44	0 2	21 4	1 2	3 36	2 33	13 28	0 44	0 52	1 7	18 25	1 26	22 59	23 2	1 30	17 9	4 28
T 26	20 42	5 42	5 13	24 53	2 0	5 25	1 18	19 53	0 2	21 3	1 2	3 35	2 33	13 27	0 44	0 52	1 7	18 25	1 26	22 59	23 1	1 27	17 8	4 28
W27	20 53	0n18	4 54	25 4	2 5	5 44	1 23	20 2	0 1	21 2	1 2	3 34	2 33	13 27	0 44	0 52	1 7	18 26	1 27	22 58	23 1	1 24	17 8	4 28
T 28	21 4	6 20	4 15	25 14	2 9	6 4	1 27	20 11	0 1	21 1	1 2	3 34	2 33	13 26	0 44	0 51	1 7	18 26	1 27	22 58	23 1	1 22	17 7	4 28
F 29	21 15	12 2	3 20	25 22	2 13	6 23	1 31	20 20	0 0	21 0	1 2	3 33	2 33	13 26	0 44	0 51	1 7	18 26	1 27	22 58	23 1	1 19	17 7	4 28
S 30	21s25	17n 2	2s12	25s29	2s17	6s43	1n35	20s29	0s 0	20n59	1s 2	3n33	2s32	13s26	0s44	0n51	1s 7	18n26	1n27	22n58	23n 1	1n16	17n 6	4s28

Julian Day Number = 2880643.5, Delta T = 01h15m28s
Ecliptic obliquity = 23°17'16, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°11'35, Lahiri = 40°18'35

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ASTRODIENST EPHEMERIS for the year 3174
geocentric

DECEMBER 3174 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 39 41	8♐25'02	10♊34	26♐51	22♎10	2♐55	11°R19	15°R 0	26♒ 7	4°R45	12°R 8	20°R45	21♊21	8♎24	8°R 1	S 1
M 2	4 43 37	9°25'18	24°40	28°15	23°14	3°36	11♊11	14♈59	26° 8	4♈45	12♌ 8	20°D45	21°18	8°31	7♊58	M 2
T 3	4 47 34	10°25'35	8♋25	29°38	24°18	4°17	11° 3	14°57	26°10	4°44	12° 7	20♊45	21°15	8°38	7°54	T 3
W 4	4 51 30	11°25'55	21°47	1♑ 0	25°22	4°58	10°55	14°56	26°11	4°44	12° 7	20°46	21°12	8°44	7°51	W 4
T 5	4 55 27	12°26'16	4♌46	2°21	26°27	5°39	10°47	14°54	26°13	4°43	12° 6	20°47	21° 9	8°51	7°48	T 5
F 6	4 59 24	13°26'39	17°24	3°40	27°32	6°21	10°39	14°53	26°14	4°43	12° 6	20°47	21° 5	8°58	7°45	F 6
S 7	5 3 20	14°27'04	29°44	4°59	28°37	7° 2	10°30	14°52	26°16	4°43	12° 5	20°48	21° 2	9° 4	7°42	S 7
S 8	5 7 17	15°27'30	11♍51	6°16	29°42	7°44	10°22	14°50	26°17	4°42	12° 4	20°R48	20°59	9°11	7°39	S 8
M 9	5 11 13	16°27'58	23°48	7°31	0♏48	8°25	10°14	14°49	26°19	4°42	12° 4	20°48	20°56	9°18	7°36	M 9
T 10	5 15 10	17°28'28	5♎40	8°45	1°54	9° 7	10° 6	14°48	26°21	4°42	12° 3	20°48	20°53	9°25	7°33	T 10
W11	5 19 6	18°29'00	17°32	9°56	3° 0	9°48	9°58	14°48	26°22	4°42	12° 2	20°48	20°50	9°31	7°30	W11
T 12	5 23 3	19°29'33	29°29	11° 5	4° 7	10°30	9°50	14°47	26°24	4°41	12° 2	20°47	20°46	9°38	7°27	T 12
F 13	5 26 59	20°30'08	11♏34	12°12	5°13	11°11	9°42	14°46	26°26	4°41	12° 1	20°D47	20°43	9°45	7°24	F 13
S 14	5 30 56	21°30'45	23°49	13°15	6°20	11°53	9°34	14°46	26°28	4°41	12° 0	20°47	20°40	9°51	7°21	S 14
S 15	5 34 53	22°31'23	6♐18	14°14	7°28	12°35	9°27	14°45	26°30	4°41	11°59	20°47	20°37	9°58	7°18	S 15
M16	5 38 49	23°32'03	19° 2	15°10	8°35	13°17	9°19	14°45	26°32	4°D41	11°59	20°R48	20°34	10° 5	7°15	M16
T 17	5 42 46	24°32'44	2♑ 1	16° 1	9°43	13°58	9°11	14°45	26°34	4°41	11°58	20°47	20°31	10°12	7°12	T 17
W18	5 46 42	25°33'26	15°15	16°46	10°51	14°40	9° 4	14°D45	26°36	4°41	11°57	20°47	20°27	10°18	7° 9	W18
T 19	5 50 39	26°34'09	28°42	17°26	11°59	15°22	8°56	14°45	26°38	4°41	11°56	20°47	20°24	10°25	7° 6	T 19
F 20	5 54 35	27°34'54	12♒22	17°59	13° 7	16° 4	8°49	14°45	26°40	4°41	11°55	20°46	20°21	10°32	7° 4	F 20
S 21	5 58 32	28°35'39	26°13	18°24	14°15	16°46	8°42	14°45	26°43	4°42	11°55	20°45	20°18	10°38	7° 1	S 21
S 22	6 2 29	29°36'25	10♓12	18°41	15°24	17°28	8°34	14°46	26°45	4°42	11°54	20°44	20°15	10°45	6°58	S 22
M23	6 6 25	0♑37'12	24°18	18°R49	16°33	18°10	8°27	14°46	26°47	4°42	11°53	20°D44	20°11	10°52	6°55	M23
T 24	6 10 22	1°38'00	8♈29	18°47	17°41	18°52	8°21	14°47	26°49	4°42	11°52	20°44	20° 8	10°59	6°52	T 24
W25	6 14 18	2°38'49	22°42	18°34	18°51	19°34	8°14	14°47	26°52	4°43	11°51	20°44	20° 5	11° 5	6°50	W25
T 26	6 18 15	3°39'38	6♉56	18°10	20° 0	20°17	8° 7	14°48	26°54	4°43	11°50	20°45	20° 2	11°12	6°47	T 26
F 27	6 22 11	4°40'28	21° 7	17°35	21° 9	20°59	8° 1	14°49	26°57	4°43	11°49	20°46	19°59	11°19	6°44	F 27
S 28	6 26 8	5°41'19	5♊12	16°49	22°19	21°41	7°54	14°50	26°59	4°44	11°48	20°47	19°56	11°25	6°42	S 28
S 29	6 30 4	6°42'11	19° 9	15°52	23°29	22°24	7°48	14°51	27° 2	4°44	11°47	20°R48	19°52	11°32	6°39	S 29
M30	6 34 1	7°43'03	2♋54	14°45	24°38	23° 6	7°42	14°52	27° 4	4°44	11°46	20°47	19°49	11°39	6°37	M30
T 31	6 37 58	8♑43'57	16♋24	13♑31	25♏48	23♐48	7♊36	14♈54	27♒ 7	4♈45	11♌45	20♊46	19♊46	11♎46	6♊34	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s34	20n58	0s56	25s35	2s20	7s 3	1n39	20s37	0s 1	20n58	1s 2	3n32	2s32	13s25	0s44	0n51	1s 7	18n26	1n27	22n58	23n 0	1n13	17n 6	4s28
M 2	21 43	23 33	0n22	25 40	2 23	7 23	1 43	20 46	0 2	20 57	1 2	3 32	2 32	13 25	0 44	0 51	1 7	18 27	1 27	22 58	23 0	1 10	17 5	4 28
T 3	21 52	24 38	1 36	25 43	2 26	7 43	1 46	20 54	0 2	20 56	1 2	3 31	2 32	13 24	0 44	0 50	1 7	18 27	1 27	22 58	23 0	1 7	17 4	4 28
W 4	22 1	24 14	2 44	25 45	2 28	8 3	1 49	21 2	0 3	20 55	1 1	3 31	2 31	13 24	0 43	0 50	1 7	18 27	1 27	22 58	23 0	1 4	17 4	4 28
T 5	22 9	22 31	3 40	25 46	2 30	8 23	1 53	21 10	0 3	20 54	1 1	3 30	2 31	13 23	0 43	0 50	1 7	18 27	1 27	22 58	23 0	1 2	17 3	4 28
F 6	22 16	19 43	4 25	25 46	2 31	8 43	1 56	21 18	0 4	20 53	1 1	3 30	2 31	13 22	0 43	0 50	1 7	18 28	1 27	22 58	22 59	0 59	17 3	4 28
S 7	22 23	16 7	4 56	25 44	2 32	9 4	1 59	21 25	0 4	20 52	1 1	3 30	2 31	13 22	0 43	0 50	1 7	18 28	1 28	22 58	22 59	0 56	17 2	4 28
S 8	22 30	11 54	5 13	25 41	2 33	9 24	2 1	21 33	0 5	20 51	1 1	3 30	2 31	13 21	0 43	0 50	1 7	18 28	1 28	22 58	22 59	0 53	17 2	4 29
M 9	22 36	7 18	5 17	25 37	2 33	9 44	2 4	21 40	0 6	20 50	1 1	3 29	2 30	13 21	0 43	0 50	1 7	18 28	1 28	22 58	22 59	0 50	17 1	4 29
T 10	22 42	2 27	5 6	25 32	2 32	10 5	2 7	21 47	0 6	20 49	1 1	3 29	2 30	13 20	0 43	0 50	1 7	18 29	1 28	22 58	22 59	0 47	17 1	4 29
W11	22 48	2s28	4 43	25 25	2 31	10 25	2 9	21 53	0 7	20 48	1 1	3 29	2 30	13 19	0 43	0 50	1 7	18 29	1 28	22 58	22 58	0 44	17 0	4 29
T 12	22 52	7 21	4 8	25 18	2 29	10 45	2 11	22 0	0 7	20 47	1 0	3 29	2 30	13 19	0 43	0 50	1 7	18 29	1 28	22 58	22 58	0 42	17 0	4 29
F 13	22 57	12 1	3 21	25 9	2 26	11 5	2 13	22 7	0 8	20 46	1 0	3 29	2 29	13 18	0 43	0 50	1 7	18 30	1 28	22 58	22 58	0 39	16 59	4 29
S 14	23 1	16 17	2 24	25 0	2 22	11 25	2 15	22 13	0 9	20 45	1 0	3 29	2 29	13 18	0 43	0 50	1 7	18 30	1 28	22 58	22 58	0 36	16 59	4 29
S 15	23 5	19 55	1 20	24 49	2 18	11 45	2 17	22 19	0 9	20 44	1 0	3 29	2 29	13 17	0 43	0 50	1 7	18 30	1 28	22 58	22 57	0 33	16 58	4 29
M16	23 8	22 41	0 10	24 38	2 13	12 5	2 18	22 25	0 10	20 43	1 0	3 29	2 29	13 16	0 43	0 50	1 7	18 30	1 28	22 58	22 57	0 30	16 58	4 29
T 17	23 11	24 18	1s 2	24 25	2 6	12 25	2 20	22 30	0 10	20 42	1 0	3 29	2 29	13 15	0 43	0 50	1 7	18 31	1 29	22 58	22 57	0 27	16 57	4 29
W18	23 13	24 36	2 11	24 13	1 59	12 45	2 21	22 36	0 11	20 41	0 59	3 30	2 28	13 15	0 43	0 50	1 7	18 31	1 29	22 58	22 57	0 24	16 57	4 29
T 19	23 15	23 28	3 15	23 59	1 50	13 4	2 23	22 41	0 12	20 40	0 59	3 30	2 28	13 14	0 43	0 50	1 7	18 31	1 29	22 58	22 57	0 21	16 56	4 29
F 20	23 16	20 57	4 8	23 45	1 41	13 23	2 24	22 46	0 12	20 40	0 59	3 30	2 28	13 13	0 43	0 50	1 7	18 32	1 29	22 58	22 56	0 18	16 56	4 29
S 21	23 17	17 13	4 48	23 31	1 30	13 43	2 25	22 51	0 13	20 39	0 59	3 30	2 28	13 12	0 43	0 50	1 7	18 32	1 29	22 58	22 56	0 16	16 56	4 29
S 22	23 17	12 30	5 11	23 16	1 18	14 2	2 25	22 55	0 13	20 38	0 59	3 31	2 27	13 12	0 43	0 50	1 7	18 32	1 29	22 58	22 56	0 13	16 55	4 29
M23	23 17	7 5	5 16	23 2	1 4	14 20	2 26	23 0	0 14	20 37	0 58	3 31	2 27	13 11	0 43	0 50	1 7	18 33	1 29	22 58	22 56	0 10	16 55	4 29
T 24	23 17	1 17	5 2	22 47	0 49	14 39	2 27	23 4	0 15	20 36	0 58	3 32	2 27	13 10	0 43	0 50	1 7	18 33	1 29	22 58	22 55	0 7	16 54	4 28
W25	23 16	4n37	4 29	22 33	0 33	14 57	2 27	23 8	0 15	20 35	0 58	3 32	2 27	13 9	0 43	0 50	1 7	18 33	1 29	22 58	22 55	0 4	16 54	4 28
T 26	23 14	10 17	3 39	22 19	0 15	15 15	2 28	23 12	0 16	20 34	0 58	3 33	2 26	13 8	0 43	0 51	1 6	18 34	1 29	22 58	22 55	0 1	16 54	4 28
F 27	23 12	15 24	2 37	22 5	0n 3	15 33	2 28	23 15	0 16	20 33	0 58	3 33	2 26	13 7	0 43	0 51	1 6	18 34	1 29	22 58	22 55	0s 2	16 53	4 28
S 28	23 10	19 38	1 25	21 52	0 23	15 51	2 28	23 19	0 17	20 33	0 57	3 34	2 26	13 7	0 43	0 51	1 6	18 35	1 30	22 58	22 54	0 5	16 53	4 28
S 29	23 7	22 42	0 9	21 39	0 43	16 8	2 28	23 22	0 17	20 32	0 57	3 34	2 26	13 6	0 43	0 51	1 6	18 35	1 30	22 58	22 54	0 7	16 53	4 28
M30	23 4	24 22	1n 6	21 26	1 3	16 25	2 28	23 25	0 18	20 31	0 57	3 35	2 25	13 5	0 43	0 51	1 6	18 35	1 30	22 58	22 54	0 10	16 52	4 28
T 31	23s 0	24n33	2n17	21s14	1n22	16s42	2n28	23s27	0s19	20n30	0s57	3n36	2s25	13s 4	0s43	0n52	1s 6	18n36	1n30	22n58	22n54	0s13	16n52	4s28

Julian Day Number = 2880673.5, Delta T = 01h15m28s
Ecliptic obliquity = 23°17'15, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°11'39, Lahiri = 40°18'40

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ASTRODIENST EPHEMERIS for the year 3175
geocentric

JANUARY 3175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 41 54	9♑44'51	29♋37	12°R11	26♏59	24♐31	7°R30	14♈55	27♒ 9	4♈46	11°R44	20°R44	19♊43	11♎52	6°R32	W 1
T 2	6 45 51	10°45'47	12♌32	10♑48	28° 9	25°13	7♊24	14°56	27°12	4°46	11♌43	20♊41	19°40	11°59	6♊29	T 2
F 3	6 49 47	11°46'43	25° 9	9°25	29°19	25°56	7°19	14°58	27°15	4°47	11°42	20°37	19°37	12° 6	6°27	F 3
S 4	6 53 44	12°47'40	7♍31	8° 5	0♐30	26°38	7°14	15° 0	27°17	4°47	11°40	20°34	19°33	12°12	6°25	S 4
S 5	6 57 40	13°48'38	19°38	6°50	1°40	27°21	7° 9	15° 2	27°20	4°48	11°39	20°31	19°30	12°19	6°22	S 5
M 6	7 1 37	14°49'37	1♎37	5°43	2°51	28° 4	7° 4	15° 4	27°23	4°49	11°38	20°29	19°27	12°26	6°20	M 6
T 7	7 5 33	15°50'36	13°29	4°44	4° 2	28°46	6°59	15° 6	27°26	4°49	11°37	20°D28	19°24	12°33	6°18	T 7
W 8	7 9 30	16°51'37	25°21	3°56	5°13	29°29	6°54	15° 8	27°29	4°50	11°36	20°29	19°21	12°39	6°16	W 8
T 9	7 13 27	17°52'39	7♏17	3°18	6°24	0♑12	6°50	15°10	27°31	4°51	11°35	20°30	19°17	12°46	6°14	T 9
F 10	7 17 23	18°53'41	19°22	2°51	7°36	0°55	6°45	15°12	27°34	4°52	11°34	20°32	19°14	12°53	6°11	F 10
S 11	7 21 20	19°54'44	1♐41	2°35	8°47	1°38	6°41	15°15	27°37	4°53	11°32	20°34	19°11	12°59	6° 9	S 11
S 12	7 25 16	20°55'48	14°16	2°D30	9°58	2°21	6°38	15°17	27°40	4°54	11°31	20°R35	19° 8	13° 6	6° 7	S 12
M13	7 29 13	21°56'52	27°12	2°34	11°10	3° 4	6°34	15°20	27°43	4°54	11°30	20°35	19° 5	13°13	6° 6	M13
T 14	7 33 9	22°57'58	10♑29	2°47	12°22	3°47	6°30	15°23	27°46	4°55	11°29	20°33	19° 2	13°20	6° 4	T 14
W15	7 37 6	23°59'03	24° 7	3° 8	13°33	4°30	6°27	15°26	27°49	4°56	11°28	20°30	18°58	13°26	6° 2	W15
T 16	7 41 3	25° 0'09	8♒ 3	3°36	14°45	5°13	6°24	15°29	27°52	4°57	11°26	20°25	18°55	13°33	6° 0	T 16
F 17	7 44 59	26° 1'15	22°12	4°11	15°57	5°56	6°21	15°32	27°55	4°59	11°25	20°19	18°52	13°40	5°58	F 17
S 18	7 48 56	27° 2'21	6♓31	4°52	17° 9	6°39	6°18	15°35	27°59	5° 0	11°24	20°13	18°49	13°46	5°57	S 18
S 19	7 52 52	28° 3'27	20°54	5°38	18°21	7°23	6°16	15°38	28° 2	5° 1	11°23	20° 8	18°46	13°53	5°55	S 19
M20	7 56 49	29° 4'33	5♈16	6°29	19°33	8° 6	6°14	15°41	28° 5	5° 2	11°21	20° 4	18°43	14° 0	5°54	M20
T 21	8 0 45	0♒ 5'39	19°32	7°25	20°45	8°49	6°12	15°45	28° 8	5° 3	11°20	20° 2	18°39	14° 6	5°52	T 21
W22	8 4 42	1° 6'44	3♉40	8°24	21°57	9°33	6°10	15°48	28°11	5° 4	11°19	20°D 1	18°36	14°13	5°51	W22
T 23	8 8 38	2° 7'50	17°40	9°26	23°10	10°16	6° 8	15°52	28°14	5° 6	11°17	20° 2	18°33	14°20	5°49	T 23
F 24	8 12 35	3° 8'55	1♊29	10°31	24°22	11° 0	6° 7	15°56	28°18	5° 7	11°16	20° 4	18°30	14°27	5°48	F 24
S 25	8 16 32	4°10'00	15° 8	11°39	25°35	11°43	6° 5	15°59	28°21	5° 8	11°15	20°R 5	18°27	14°33	5°47	S 25
S 26	8 20 28	5°11'04	28°37	12°49	26°47	12°27	6° 4	16° 3	28°24	5° 9	11°14	20° 4	18°23	14°40	5°45	S 26
M27	8 24 25	6°12'09	11♋55	14° 1	28° 0	13°10	6° 3	16° 7	28°28	5°11	11°12	20° 2	18°20	14°47	5°44	M27
T 28	8 28 21	7°13'13	25° 2	15°15	29°12	13°54	6° 3	16°11	28°31	5°12	11°11	19°58	18°17	14°53	5°43	T 28
W29	8 32 18	8°14'17	7♌57	16°31	0♑25	14°37	6° 2	16°16	28°34	5°14	11°10	19°51	18°14	15° 0	5°42	W29
T 30	8 36 14	9°15'21	20°40	17°48	1°38	15°21	6° 2	16°20	28°38	5°15	11° 8	19°42	18°11	15° 7	5°41	T 30
F 31	8 40 11	10♒16'24	3♍ 9	19♑ 7	2♑51	16♑ 5	6°D 2	16♈24	28♒41	5♈16	11♌ 7	19♊32	18♊ 8	15♎14	5♊40	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s56	23n20	3n18	21s 3	1n41	16s58	2n27	23s30	0s19	20n30	0s57	3n37	2s25	13s 3	0s43	0n52	1s 6	18n36	1n30	22n58	22n54	0s16	16n52	4s28
T 2	22 51	20 54	4 8	20 53	1 59	17 14	2 27	23 32	0 20	20 29	0 56	3 37	2 25	13 2	0 43	0 52	1 6	18 36	1 30	22 58	22 53	0 19	16 51	4 28
F 3	22 46	17 31	4 44	20 43	2 15	17 30	2 26	23 34	0 21	20 28	0 56	3 38	2 24	13 1	0 43	0 52	1 6	18 37	1 30	22 58	22 53	0 22	16 51	4 28
S 4	22 41	13 26	5 6	20 34	2 28	17 45	2 26	23 36	0 21	20 28	0 56	3 39	2 24	13 0	0 43	0 53	1 6	18 37	1 30	22 57	22 53	0 25	16 51	4 28
S 5	22 35	8 54	5 14	20 27	2 40	18 0	2 25	23 37	0 22	20 27	0 56	3 40	2 24	12 59	0 43	0 53	1 6	18 38	1 30	22 57	22 53	0 28	16 50	4 28
M 6	22 28	4 5	5 8	20 21	2 49	18 14	2 24	23 39	0 22	20 26	0 55	3 41	2 24	12 58	0 43	0 53	1 6	18 38	1 30	22 57	22 52	0 31	16 50	4 28
T 7	22 21	0s50	4 49	20 17	2 55	18 28	2 23	23 40	0 23	20 26	0 55	3 42	2 23	12 57	0 43	0 54	1 6	18 38	1 30	22 57	22 52	0 34	16 50	4 27
W 8	22 14	5 44	4 18	20 15	2 59	18 42	2 22	23 41	0 24	20 25	0 55	3 43	2 23	12 56	0 43	0 54	1 6	18 39	1 30	22 57	22 52	0 36	16 50	4 27
T 9	22 6	10 27	3 35	20 14	3 1	18 55	2 21	23 41	0 24	20 25	0 55	3 44	2 23	12 55	0 43	0 54	1 6	18 39	1 31	22 57	22 52	0 39	16 49	4 27
F 10	21 58	14 51	2 43	20 14	3 1	19 8	2 20	23 42	0 25	20 24	0 54	3 45	2 23	12 54	0 43	0 55	1 6	18 40	1 31	22 57	22 51	0 42	16 49	4 27
S 11	21 49	18 42	1 42	20 16	3 0	19 21	2 18	23 42	0 25	20 24	0 54	3 46	2 23	12 53	0 42	0 55	1 6	18 40	1 31	22 57	22 51	0 45	16 49	4 27
S 12	21 40	21 48	0 34	20 20	2 56	19 33	2 17	23 42	0 26	20 24	0 54	3 48	2 22	12 52	0 42	0 55	1 6	18 40	1 31	22 57	22 51	0 48	16 49	4 27
M13	21 31	23 52	0s36	20 24	2 52	19 44	2 16	23 42	0 27	20 23	0 54	3 49	2 22	12 51	0 42	0 56	1 6	18 41	1 31	22 57	22 51	0 51	16 48	4 27
T 14	21 21	24 39	1 47	20 29	2 46	19 55	2 14	23 41	0 27	20 23	0 53	3 50	2 22	12 50	0 42	0 56	1 6	18 41	1 31	22 57	22 50	0 54	16 48	4 27
W15	21 10	23 59	2 53	20 35	2 40	20 6	2 12	23 40	0 28	20 23	0 53	3 51	2 22	12 49	0 42	0 57	1 6	18 42	1 31	22 57	22 50	0 57	16 48	4 26
T 16	21 0	21 51	3 50	20 42	2 32	20 16	2 11	23 39	0 28	20 22	0 53	3 53	2 21	12 48	0 42	0 57	1 6	18 42	1 31	22 57	22 50	1 0	16 48	4 26
F 17	20 49	18 20	4 34	20 49	2 25	20 25	2 9	23 38	0 29	20 22	0 53	3 54	2 21	12 47	0 42	0 57	1 6	18 42	1 31	22 56	22 49	1 3	16 48	4 26
S 18	20 37	13 44	5 2	20 56	2 16	20 34	2 7	23 37	0 30	20 22	0 52	3 55	2 21	12 46	0 42	0 58	1 6	18 43	1 31	22 56	22 49	1 6	16 48	4 26
S 19	20 25	8 20	5 10	21 2	2 8	20 42	2 5	23 35	0 30	20 22	0 52	3 57	2 21	12 45	0 42	0 58	1 6	18 43	1 31	22 55	22 49	1 8	16 48	4 26
M20	20 13	2 31	5 0	21 9	1 59	20 50	2 3	23 33	0 31	20 22	0 52	3 58	2 21	12 44	0 42	0 59	1 6	18 44	1 31	22 55	22 49	1 11	16 47	4 26
T 21	20 0	3n25	4 30	21 15	1 50	20 58	2 1	23 31	0 31	20 21	0 52	4 0	2 20	12 43	0 42	0 59	1 6	18 44	1 31	22 55	22 48	1 14	16 47	4 26
W22	19 47	9 8	3 45	21 21	1 41	21 4	1 58	23 29	0 32	20 21	0 51	4 1	2 20	12 41	0 42	1 0	1 6	18 45	1 32	22 55	22 48	1 17	16 47	4 25
T 23	19 34	14 19	2 46	21 26	1 32	21 11	1 56	23 26	0 33	20 21	0 51	4 3	2 20	12 40	0 42	1 0	1 6	18 45	1 32	22 55	22 48	1 20	16 47	4 25
F 24	19 20	18 43	1 39	21 30	1 22	21 16	1 54	23 23	0 33	20 21	0 51	4 5	2 20	12 39	0 42	1 1	1 6	18 45	1 32	22 55	22 48	1 23	16 47	4 25
S 25	19 6	22 1	0 27	21 34	1 13	21 21	1 52	23 20	0 34	20 21	0 51	4 6	2 19	12 38	0 42	1 1	1 6	18 46	1 32	22 55	22 47	1 26	16 47	4 25
S 26	18 51	24 3	0n46	21 37	1 4	21 26	1 49	23 17	0 34	20 22	0 50	4 8	2 19	12 37	0 42	1 2	1 6	18 46	1 32	22 55	22 47	1 29	16 47	4 25
M27	18 36	24 40	1 55	21 39	0 55	21 30	1 47	23 13	0 35	20 22	0 50	4 10	2 19	12 36	0 42	1 2	1 6	18 47	1 32	22 55	22 47	1 32	16 47	4 25
T 28	18 21	23 53	2 57	21 40	0 46	21 33	1 44	23 10	0 36	20 22	0 50	4 11	2 19	12 35	0 42	1 3	1 6	18 47	1 32	22 55	22 47	1 35	16 47	4 24
W29	18 5	21 51	3 49	21 40	0 37	21 36	1 41	23 6	0 36	20 22	0 49	4 13	2 19	12 33	0 42	1 4	1 6	18 48	1 32	22 54	22 46	1 38	16 47	4 24
T 30	17 50	18 45	4 28	21 39	0 28	21 38	1 39	23 1	0 37	20 22	0 49	4 15	2 18	12 32	0 42	1 4	1 6	18 48	1 32	22 53	22 46	1 41	16 47	4 24
F 31	17s33	14n51	4n54	21s37	0n20	21s39	1n36	22s57	0s37	20n22	0s49	4n17	2s18	12s31	0s42	1n 5	1s 5	18n48	1n32	22n53	22n46	1s44	16n47	4s24

Julian Day Number = 2880704.5, Delta T = 01h15m29s
Ecliptic obliquity = 23°17'15, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°11'43, Lahiri = 40°18'44

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ASTRODIENST EPHEMERIS for the year 3175
geocentric

FEBRUARY 3175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 44 7	11♒17'28	15♍26	20♑26	4♑ 3	16♑49	6♊ 2	16♈28	28♒44	5♈18	11°R 6	19°R22	18♊ 4	15♎20	5°R39	S 1
S 2	8 48 4	12°18'31	27°32	21°48	5°16	17°33	6° 3	16°33	28°48	5°19	11♌ 4	19♊13	18° 1	15°27	5♊39	S 2
M 3	8 52 1	13°19'34	9♎29	23°10	6°29	18°16	6° 3	16°38	28°51	5°21	11° 3	19° 5	17°58	15°34	5°38	M 3
T 4	8 55 57	14°20'37	21°20	24°33	7°42	19° 0	6° 4	16°42	28°55	5°23	11° 2	19° 0	17°55	15°40	5°37	T 4
W 5	8 59 54	15°21'39	3♏11	25°57	8°56	19°44	6° 5	16°47	28°58	5°24	11° 1	18°57	17°52	15°47	5°37	W 5
T 6	9 3 50	16°22'42	15° 4	27°22	10° 9	20°28	6° 6	16°52	29° 1	5°26	10°59	18°D56	17°49	15°54	5°36	T 6
F 7	9 7 47	17°23'44	27° 7	28°48	11°22	21°12	6° 8	16°57	29° 5	5°27	10°58	18°56	17°45	16° 1	5°36	F 7
S 8	9 11 43	18°24'46	9♐23	0♒14	12°35	21°56	6° 9	17° 2	29° 8	5°29	10°57	18°57	17°42	16° 7	5°35	S 8
S 9	9 15 40	19°25'48	21°58	1°42	13°48	22°41	6°11	17° 7	29°12	5°31	10°55	18°R57	17°39	16°14	5°35	S 9
M10	9 19 36	20°26'50	4♑57	3°10	15° 2	23°25	6°13	17°12	29°15	5°33	10°54	18°56	17°36	16°21	5°35	M10
T 11	9 23 33	21°27'51	18°22	4°38	16°15	24° 9	6°16	17°17	29°19	5°34	10°53	18°52	17°33	16°27	5°35	T 11
W12	9 27 30	22°28'52	2♒14	6° 8	17°28	24°53	6°18	17°22	29°22	5°36	10°51	18°46	17°29	16°34	5°34	W12
T 13	9 31 26	23°29'52	16°30	7°38	18°42	25°37	6°21	17°27	29°26	5°38	10°50	18°37	17°26	16°41	5°34	T 13
F 14	9 35 23	24°30'52	1♓ 5	9° 9	19°55	26°22	6°23	17°33	29°29	5°40	10°49	18°27	17°23	16°47	5°D34	F 14
S 15	9 39 19	25°31'50	15°53	10°40	21° 9	27° 6	6°27	17°38	29°33	5°42	10°48	18°16	17°20	16°54	5°34	S 15
S 16	9 43 16	26°32'48	0♈45	12°13	22°22	27°50	6°30	17°44	29°36	5°43	10°46	18° 6	17°17	17° 1	5°34	S 16
M17	9 47 12	27°33'45	15°31	13°45	23°36	28°35	6°33	17°49	29°40	5°45	10°45	17°58	17°14	17° 8	5°35	M17
T 18	9 51 9	28°34'40	0♉ 5	15°19	24°49	29°19	6°37	17°55	29°43	5°47	10°44	17°52	17°10	17°14	5°35	T 18
W19	9 55 5	29°35'34	14°24	16°53	26° 3	0♒ 4	6°41	18° 1	29°47	5°49	10°43	17°49	17° 7	17°21	5°35	W19
T 20	9 59 2	0♓36'28	28°23	18°28	27°17	0°48	6°45	18° 7	29°50	5°51	10°41	17°D49	17° 4	17°28	5°36	T 20
F 21	10 2 59	1°37'20	12♊ 5	20° 4	28°30	1°33	6°49	18°12	29°54	5°53	10°40	17°R49	17° 1	17°34	5°36	F 21
S 22	10 6 55	2°38'10	25°30	21°40	29°44	2°18	6°53	18°18	29°57	5°55	10°39	17°49	16°58	17°41	5°36	S 22
S 23	10 10 52	3°39'00	8♋40	23°17	0♒58	3° 2	6°58	18°24	0♓ 1	5°57	10°38	17°47	16°55	17°48	5°37	S 23
M24	10 14 48	4°39'48	21°36	24°54	2°11	3°47	7° 3	18°30	0° 4	5°59	10°37	17°43	16°51	17°54	5°38	M24
T 25	10 18 45	5°40'35	4♌22	26°33	3°25	4°32	7° 7	18°36	0° 8	6° 1	10°35	17°36	16°48	18° 1	5°38	T 25
W26	10 22 41	6°41'21	16°58	28°12	4°39	5°16	7°13	18°43	0°11	6° 3	10°34	17°25	16°45	18° 8	5°39	W26
T 27	10 26 38	7°42'05	29°24	29°52	5°52	6° 1	7°18	18°49	0°15	6° 5	10°33	17°13	16°42	18°15	5°40	T 27
F 28	10 30 34	8♓42'48	11♍40	1♓33	7♒ 6	6♒46	7♊23	18♈55	0♓18	6♈ 7	10♌32	16♊59	16♊39	18♎21	5♊41	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s17	10n24	5n 5	21s33	0n11	21s40	1n33	22s52	0s38	20n23	0s49	4n19	2s18	12s30	0s42	1n 5	1s 5	18n49	1n32	22n52	22n45	1s46	16n47	4s24
S 2	17 0	5 36	5 3	21 29	0 3	21 40	1 31	22 47	0 39	20 23	0 48	4 21	2 18	12 29	0 42	1 6	1 5	18 49	1 32	22 51	22 45	1 49	16 47	4 24
M 3	16 43	0 40	4 47	21 24	0s 5	21 40	1 28	22 42	0 39	20 23	0 48	4 22	2 18	12 28	0 42	1 7	1 5	18 50	1 32	22 51	22 45	1 52	16 47	4 23
T 4	16 25	4s16	4 19	21 17	0 13	21 39	1 25	22 37	0 40	20 24	0 48	4 24	2 17	12 26	0 42	1 7	1 5	18 50	1 32	22 50	22 45	1 55	16 47	4 23
W 5	16 8	9 3	3 40	21 10	0 21	21 37	1 22	22 31	0 40	20 24	0 48	4 26	2 17	12 25	0 42	1 8	1 5	18 50	1 33	22 50	22 44	1 58	16 47	4 23
T 6	15 50	13 32	2 51	21 1	0 28	21 35	1 19	22 25	0 41	20 25	0 47	4 28	2 17	12 24	0 42	1 9	1 5	18 51	1 33	22 50	22 44	2 1	16 47	4 23
F 7	15 31	17 32	1 54	20 51	0 36	21 32	1 16	22 19	0 42	20 25	0 47	4 30	2 17	12 23	0 42	1 9	1 5	18 51	1 33	22 50	22 44	2 4	16 47	4 23
S 8	15 13	20 53	0 51	20 40	0 43	21 29	1 13	22 13	0 42	20 26	0 47	4 32	2 17	12 22	0 42	1 10	1 5	18 52	1 33	22 50	22 43	2 7	16 48	4 22
S 9	14 54	23 19	0s16	20 28	0 49	21 25	1 10	22 6	0 43	20 26	0 47	4 34	2 17	12 20	0 42	1 11	1 5	18 52	1 33	22 50	22 43	2 10	16 48	4 22
M10	14 35	24 36	1 24	20 14	0 56	21 20	1 7	21 59	0 43	20 27	0 46	4 37	2 16	12 19	0 42	1 11	1 5	18 53	1 33	22 50	22 43	2 13	16 48	4 22
T 11	14 16	24 31	2 30	20 0	1 2	21 15	1 4	21 52	0 44	20 28	0 46	4 39	2 16	12 18	0 42	1 12	1 5	18 53	1 33	22 50	22 43	2 16	16 48	4 22
W12	13 56	22 56	3 29	19 44	1 9	21 9	1 1	21 45	0 45	20 28	0 46	4 41	2 16	12 17	0 42	1 13	1 5	18 53	1 33	22 49	22 42	2 19	16 48	4 22
T 13	13 36	19 52	4 17	19 27	1 14	21 2	0 58	21 38	0 45	20 29	0 46	4 43	2 16	12 16	0 42	1 13	1 5	18 54	1 33	22 48	22 42	2 22	16 48	4 21
F 14	13 16	15 31	4 49	19 8	1 20	20 55	0 55	21 30	0 46	20 30	0 45	4 45	2 16	12 14	0 42	1 14	1 5	18 54	1 33	22 47	22 42	2 25	16 49	4 21
S 15	12 56	10 10	5 2	18 49	1 25	20 47	0 52	21 22	0 46	20 30	0 45	4 47	2 16	12 13	0 42	1 15	1 5	18 55	1 33	22 46	22 41	2 27	16 49	4 21
S 16	12 35	4 13	4 55	18 28	1 30	20 39	0 49	21 14	0 47	20 31	0 45	4 50	2 15	12 12	0 42	1 16	1 5	18 55	1 33	22 46	22 41	2 30	16 49	4 21
M17	12 15	1n56	4 28	18 7	1 35	20 30	0 45	21 6	0 48	20 32	0 45	4 52	2 15	12 11	0 42	1 16	1 5	18 55	1 33	22 45	22 41	2 33	16 49	4 21
T 18	11 54	7 55	3 45	17 44	1 40	20 20	0 42	20 57	0 48	20 33	0 44	4 54	2 15	12 9	0 42	1 17	1 5	18 56	1 33	22 44	22 40	2 36	16 49	4 20
W19	11 33	13 23	2 47	17 20	1 44	20 10	0 39	20 48	0 49	20 34	0 44	4 56	2 15	12 8	0 42	1 18	1 5	18 56	1 33	22 44	22 40	2 39	16 50	4 20
T 20	11 11	18 2	1 41	16 54	1 48	19 59	0 36	20 39	0 49	20 35	0 44	4 59	2 15	12 7	0 42	1 19	1 5	18 57	1 33	22 44	22 40	2 42	16 50	4 20
F 21	10 50	21 36	0 30	16 28	1 51	19 48	0 33	20 30	0 50	20 36	0 44	5 1	2 15	12 6	0 42	1 19	1 5	18 57	1 33	22 44	22 40	2 45	16 50	4 20
S 22	10 28	23 53	0n41	16 0	1 54	19 36	0 30	20 21	0 51	20 37	0 43	5 4	2 14	12 5	0 42	1 20	1 5	18 57	1 33	22 44	22 39	2 48	16 50	4 20
S 23	10 6	24 48	1 48	15 31	1 57	19 23	0 27	20 11	0 51	20 38	0 43	5 6	2 14	12 3	0 42	1 21	1 5	18 58	1 34	22 44	22 39	2 51	16 51	4 19
M24	9 44	24 20	2 49	15 1	2 0	19 10	0 23	20 1	0 52	20 39	0 43	5 8	2 14	12 2	0 42	1 22	1 5	18 58	1 34	22 43	22 39	2 54	16 51	4 19
T 25	9 22	22 36	3 40	14 30	2 2	18 56	0 20	19 51	0 52	20 40	0 43	5 11	2 14	12 1	0 42	1 23	1 5	18 58	1 34	22 43	22 38	2 57	16 51	4 19
W26	9 0	19 46	4 19	13 58	2 4	18 42	0 17	19 41	0 53	20 41	0 42	5 13	2 14	12 0	0 42	1 23	1 5	18 59	1 34	22 42	22 38	3 0	16 52	4 19
T 27	8 38	16 4	4 45	13 24	2 5	18 27	0 14	19 31	0 53	20 42	0 42	5 16	2 14	11 58	0 42	1 24	1 5	18 59	1 34	22 41	22 38	3 3	16 52	4 19
F 28	8s15	11n44	4n58	12s50	2s 7	18s12	0n11	19s20	0s54	20n43	0s42	5n18	2s14	11s57	0s42	1n25	1s 5	18n59	1n34	22n39	22n37	3s 6	16n52	4s18

Julian Day Number = 2880735.5, Delta T = 01h15m29s
Ecliptic obliquity = 23°17'16, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°11'48, Lahiri = 40°18'48

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ASTRODIENST EPHEMERIS for the year 3175
geocentric

MARCH 3175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 34 31	9♓43'30	23♍49	3♓14	8♒20	7♒31	7♊29	19♈ 1	0♓22	6♈ 9	10°R31	16°R44	16♊35	18♎28	5♊42	S 1
S 2	10 38 28	10°44'10	5♎49	4°57	9°34	8°16	7°35	19° 8	0°25	6°11	10♌30	16♊30	16°32	18°35	5°43	S 2
M 3	10 42 24	11°44'50	17°43	6°40	10°48	9° 1	7°41	19°14	0°29	6°13	10°29	16°19	16°29	18°41	5°44	M 3
T 4	10 46 21	12°45'28	29°33	8°24	12° 2	9°45	7°47	19°20	0°32	6°15	10°28	16°10	16°26	18°48	5°45	T 4
W 5	10 50 17	13°46'06	11♏22	10° 9	13°16	10°30	7°53	19°27	0°36	6°18	10°27	16° 3	16°23	18°55	5°46	W 5
T 6	10 54 14	14°46'42	23°14	11°55	14°30	11°15	8° 0	19°34	0°39	6°20	10°26	16° 0	16°20	19° 1	5°47	T 6
F 7	10 58 10	15°47'17	5♐14	13°41	15°43	12° 1	8° 6	19°40	0°42	6°22	10°24	15°59	16°16	19° 8	5°49	F 7
S 8	11 2 7	16°47'51	17°27	15°29	16°57	12°46	8°13	19°47	0°46	6°24	10°23	15°59	16°13	19°15	5°50	S 8
S 9	11 6 3	17°48'24	29°58	17°17	18°11	13°31	8°20	19°53	0°49	6°26	10°22	15°58	16°10	19°22	5°51	S 9
M10	11 10 0	18°48'56	12♑52	19° 6	19°25	14°16	8°27	20° 0	0°53	6°28	10°21	15°57	16° 7	19°28	5°53	M10
T 11	11 13 57	19°49'27	26°14	20°56	20°39	15° 1	8°34	20° 7	0°56	6°31	10°20	15°53	16° 4	19°35	5°54	T 11
W12	11 17 53	20°49'56	10♒ 6	22°47	21°53	15°46	8°42	20°14	0°59	6°33	10°20	15°47	16° 1	19°42	5°56	W12
T 13	11 21 50	21°50'24	24°27	24°39	23° 7	16°32	8°49	20°21	1° 3	6°35	10°19	15°37	15°57	19°48	5°58	T 13
F 14	11 25 46	22°50'51	9♓14	26°31	24°22	17°17	8°57	20°27	1° 6	6°37	10°18	15°26	15°54	19°55	5°59	F 14
S 15	11 29 43	23°51'16	24°18	28°24	25°36	18° 2	9° 5	20°34	1° 9	6°39	10°17	15°15	15°51	20° 2	6° 1	S 15
S 16	11 33 39	24°51'39	9♈30	0♈17	26°50	18°47	9°13	20°41	1°13	6°42	10°16	15° 4	15°48	20° 8	6° 3	S 16
M17	11 37 36	25°52'01	24°40	2°11	28° 4	19°33	9°21	20°48	1°16	6°44	10°15	14°54	15°45	20°15	6° 5	M17
T 18	11 41 32	26°52'21	9♉36	4° 5	29°18	20°18	9°29	20°55	1°19	6°46	10°14	14°48	15°41	20°22	6° 7	T 18
W19	11 45 29	27°52'39	24°12	5°59	0♓32	21° 4	9°38	21° 2	1°22	6°48	10°13	14°44	15°38	20°29	6° 9	W19
T 20	11 49 25	28°52'56	8♊25	7°53	1°46	21°49	9°46	21° 9	1°26	6°51	10°13	14°43	15°35	20°35	6°11	T 20
F 21	11 53 22	29°53'10	22°12	9°47	3° 0	22°35	9°55	21°17	1°29	6°53	10°12	14°D43	15°32	20°42	6°13	F 21
S 22	11 57 19	0♈53'23	5♋37	11°40	4°14	23°20	10° 4	21°24	1°32	6°55	10°11	14°R43	15°29	20°49	6°15	S 22
S 23	12 1 15	1°53'33	18°40	13°32	5°28	24° 6	10°13	21°31	1°35	6°58	10°10	14°42	15°26	20°55	6°17	S 23
M24	12 5 12	2°53'42	1♌27	15°23	6°42	24°51	10°22	21°38	1°38	7° 0	10°10	14°38	15°22	21° 2	6°20	M24
T 25	12 9 8	3°53'48	13°59	17°12	7°56	25°37	10°31	21°45	1°41	7° 2	10° 9	14°32	15°19	21° 9	6°22	T 25
W26	12 13 5	4°53'52	26°20	19° 0	9°11	26°22	10°40	21°52	1°44	7° 4	10° 8	14°23	15°16	21°15	6°24	W26
T 27	12 17 1	5°53'55	8♍32	20°44	10°25	27° 8	10°50	22° 0	1°48	7° 7	10° 7	14°12	15°13	21°22	6°27	T 27
F 28	12 20 58	6°53'55	20°37	22°26	11°39	27°53	10°59	22° 7	1°51	7° 9	10° 7	14° 0	15°10	21°29	6°29	F 28
S 29	12 24 54	7°53'53	2♎36	24° 4	12°53	28°39	11° 9	22°14	1°54	7°11	10° 6	13°47	15° 6	21°36	6°32	S 29
S 30	12 28 51	8°53'50	14°31	25°39	14° 7	29°25	11°19	22°22	1°57	7°13	10° 6	13°34	15° 3	21°42	6°34	S 30
M31	12 32 48	9♈53'45	26♎22	27♈ 8	15♓21	0♓10	11♊29	22♈29	1♓59	7♈16	10♌ 5	13♊24	15♊ 0	21♎49	6♊37	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s52	7n 0	4n57	12s14	2s 7	17s56	0n 8	19s 9	0s55	20n44	0s42	5n21	2s13	11s56	0s42	1n26	1s 5	19n 0	1n34	22n38	22n37	3s 9	16n53	4s18
S 2	7 30	2 2	4 43	11 37	2 8	17 40	0 5	18 58	0 55	20 45	0 42	5 23	2 13	11 55	0 42	1 27	1 5	19 0	1 34	22 37	22 37	3 12	16 53	4 18
M 3	7 7	2s57	4 16	10 59	2 8	17 23	0 2	18 47	0 56	20 46	0 41	5 26	2 13	11 54	0 42	1 28	1 5	19 1	1 34	22 35	22 36	3 14	16 53	4 18
T 4	6 44	7 50	3 39	10 20	2 7	17 6	0s 1	18 36	0 56	20 48	0 41	5 28	2 13	11 52	0 42	1 28	1 5	19 1	1 34	22 34	22 36	3 17	16 54	4 18
W 5	6 21	12 25	2 52	9 40	2 6	16 48	0 4	18 24	0 57	20 49	0 41	5 31	2 13	11 51	0 42	1 29	1 5	19 1	1 34	22 34	22 36	3 20	16 54	4 17
T 6	5 57	16 35	1 57	8 58	2 5	16 30	0 7	18 13	0 57	20 50	0 41	5 33	2 13	11 50	0 42	1 30	1 5	19 1	1 34	22 33	22 35	3 23	16 55	4 17
F 7	5 34	20 7	0 57	8 16	2 3	16 11	0 10	18 1	0 58	20 51	0 40	5 36	2 13	11 49	0 42	1 31	1 5	19 2	1 34	22 33	22 35	3 26	16 55	4 17
S 8	5 11	22 50	0s 8	7 32	2 0	15 52	0 13	17 49	0 58	20 53	0 40	5 38	2 13	11 48	0 42	1 32	1 5	19 2	1 34	22 33	22 35	3 29	16 55	4 17
S 9	4 47	24 31	1 13	6 48	1 58	15 32	0 16	17 36	0 59	20 54	0 40	5 41	2 13	11 46	0 42	1 33	1 5	19 2	1 34	22 33	22 34	3 32	16 56	4 17
M10	4 24	24 57	2 17	6 2	1 54	15 12	0 19	17 24	1 0	20 55	0 40	5 43	2 12	11 45	0 42	1 34	1 5	19 3	1 34	22 33	22 34	3 35	16 56	4 17
T 11	4 0	23 58	3 16	5 16	1 50	14 51	0 22	17 11	1 0	20 57	0 40	5 46	2 12	11 44	0 42	1 34	1 5	19 3	1 34	22 33	22 34	3 38	16 57	4 16
W12	3 37	21 32	4 5	4 28	1 46	14 30	0 24	16 58	1 1	20 58	0 39	5 49	2 12	11 43	0 42	1 35	1 5	19 3	1 34	22 32	22 34	3 41	16 57	4 16
T 13	3 13	17 42	4 40	3 40	1 41	14 9	0 27	16 45	1 1	20 59	0 39	5 51	2 12	11 42	0 42	1 36	1 5	19 4	1 34	22 31	22 33	3 44	16 58	4 16
F 14	2 49	12 40	4 59	2 50	1 36	13 47	0 30	16 32	1 2	21 1	0 39	5 54	2 12	11 41	0 42	1 37	1 5	19 4	1 34	22 30	22 33	3 47	16 58	4 16
S 15	2 26	6 48	4 57	2 0	1 30	13 25	0 32	16 19	1 2	21 2	0 39	5 57	2 12	11 39	0 42	1 38	1 5	19 4	1 34	22 29	22 33	3 50	16 59	4 16
S 16	2 2	0 27	4 34	1 9	1 23	13 3	0 35	16 6	1 3	21 4	0 38	5 59	2 12	11 38	0 42	1 39	1 5	19 4	1 34	22 27	22 32	3 53	16 59	4 15
M17	1 38	5n54	3 52	0 18	1 16	12 40	0 38	15 52	1 3	21 5	0 38	6 2	2 12	11 37	0 42	1 40	1 5	19 5	1 34	22 26	22 32	3 56	17 0	4 15
T 18	1 14	11 50	2 54	0n34	1 8	12 16	0 40	15 38	1 4	21 6	0 38	6 5	2 12	11 36	0 42	1 41	1 5	19 5	1 35	22 26	22 32	3 59	17 0	4 15
W19	0 50	16 59	1 46	1 27	0 59	11 53	0 43	15 24	1 4	21 8	0 38	6 7	2 12	11 35	0 42	1 41	1 5	19 5	1 35	22 25	22 31	4 2	17 1	4 15
T 20	0 27	21 1	0 33	2 20	0 51	11 29	0 45	15 10	1 5	21 9	0 38	6 10	2 12	11 34	0 42	1 42	1 5	19 6	1 35	22 25	22 31	4 5	17 1	4 15
F 21	0 3	23 43	0n40	3 13	0 41	11 5	0 47	14 56	1 5	21 11	0 37	6 13	2 12	11 33	0 42	1 43	1 5	19 6	1 35	22 25	22 30	4 8	17 2	4 15
S 22	0n21	24 58	1 48	4 7	0 31	10 40	0 50	14 42	1 6	21 12	0 37	6 15	2 11	11 31	0 43	1 44	1 5	19 6	1 35	22 25	22 30	4 10	17 2	4 14
S 23	0 45	24 48	2 50	5 0	0 20	10 15	0 52	14 27	1 6	21 14	0 37	6 18	2 11	11 30	0 43	1 45	1 5	19 6	1 35	22 25	22 30	4 13	17 3	4 14
M24	1 9	23 18	3 41	5 53	0 9	9 50	0 54	14 12	1 7	21 15	0 37	6 21	2 11	11 29	0 43	1 46	1 5	19 6	1 35	22 25	22 29	4 16	17 3	4 14
T 25	1 32	20 41	4 20	6 45	0n 2	9 25	0 56	13 58	1 7	21 17	0 37	6 24	2 11	11 28	0 43	1 47	1 5	19 7	1 35	22 24	22 29	4 19	17 4	4 14
W26	1 56	17 10	4 47	7 37	0 14	8 59	0 58	13 43	1 8	21 18	0 36	6 26	2 11	11 27	0 43	1 48	1 5	19 7	1 35	22 23	22 29	4 22	17 4	4 14
T 27	2 20	12 57	5 0	8 28	0 27	8 33	1 0	13 28	1 8	21 20	0 36	6 29	2 11	11 26	0 43	1 49	1 5	19 7	1 35	22 22	22 28	4 25	17 5	4 14
F 28	2 43	8 17	5 0	9 17	0 39	8 7	1 2	13 12	1 9	21 21	0 36	6 32	2 11	11 25	0 43	1 49	1 5	19 7	1 35	22 20	22 28	4 28	17 5	4 13
S 29	3 7	3 21	4 46	10 6	0 52	7 41	1 4	12 57	1 9	21 23	0 36	6 34	2 11	11 24	0 43	1 50	1 5	19 8	1 35	22 19	22 28	4 31	17 6	4 13
S 30	3 30	1s41	4 20	10 52	1 5	7 14	1 6	12 42	1 10	21 24	0 36	6 37	2 11	11 23	0 43	1 51	1 5	19 8	1 35	22 17	22 27	4 34	17 7	4 13
M31	3n54	6s39	3n42	11n36	1n18	6s47	1s 8	12s26	1s10	21n26	0s36	6n40	2s11	11s22	0s43	1n52	1s 5	19n 8	1n35	22n16	22n27	4s37	17n 7	4s13

Julian Day Number = 2880763.5, Delta T = 01h15m30s
Ecliptic obliquity = 23°17'17, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°11'52, Lahiri = 40°18'52

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3175
geocentric

APRIL 3175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 36 44	10♈53'38	8♏12	28♈33	16♓35	0♓56	11♊39	22♈36	2♓ 2	7♈18	10°R 4	13°R16	14♊57	21♎56	6♊40	T 1
W 2	12 40 41	11°53'29	20° 2	29°52	17°49	1°42	11°49	22°44	2° 5	7°20	10♌ 4	13♊10	14°54	22° 2	6°42	W 2
T 3	12 44 37	12°53'19	1♐56	1♉ 5	19° 3	2°28	11°59	22°51	2° 8	7°23	10° 3	13° 7	14°51	22° 9	6°45	T 3
F 4	12 48 34	13°53'07	13°57	2°11	20°18	3°13	12°10	22°58	2°11	7°25	10° 3	13°D 7	14°47	22°16	6°48	F 4
S 5	12 52 30	14°52'54	26°10	3°10	21°32	3°59	12°20	23° 6	2°14	7°27	10° 3	13° 7	14°44	22°22	6°51	S 5
S 6	12 56 27	15°52'39	8♑39	4° 3	22°46	4°45	12°31	23°13	2°17	7°29	10° 2	13° 8	14°41	22°29	6°54	S 6
M 7	13 0 23	16°52'22	21°29	4°47	24° 0	5°31	12°41	23°21	2°19	7°32	10° 2	13°R 8	14°38	22°36	6°57	M 7
T 8	13 4 20	17°52'03	4♒44	5°24	25°14	6°17	12°52	23°28	2°22	7°34	10° 1	13° 7	14°35	22°42	7° 0	T 8
W 9	13 8 17	18°51'43	18°28	5°53	26°28	7° 3	13° 3	23°36	2°25	7°36	10° 1	13° 3	14°32	22°49	7° 3	W 9
T 10	13 12 13	19°51'21	2♓41	6°14	27°42	7°49	13°14	23°43	2°27	7°38	10° 1	12°58	14°28	22°56	7° 6	T 10
F 11	13 16 10	20°50'58	17°22	6°27	28°57	8°35	13°25	23°50	2°30	7°41	10° 0	12°50	14°25	23° 3	7° 9	F 11
S 12	13 20 6	21°50'32	2♈24	6°R32	0♈11	9°20	13°36	23°58	2°33	7°43	10° 0	12°42	14°22	23° 9	7°12	S 12
S 13	13 24 3	22°50'05	17°39	6°29	1°25	10° 6	13°48	24° 5	2°35	7°45	10° 0	12°35	14°19	23°16	7°15	S 13
M14	13 27 59	23°49'36	2♉57	6°19	2°39	10°52	13°59	24°13	2°38	7°47	9°59	12°28	14°16	23°23	7°18	M14
T 15	13 31 56	24°49'05	18° 6	6° 1	3°53	11°38	14°10	24°20	2°40	7°49	9°59	12°24	14°12	23°29	7°22	T 15
W16	13 35 52	25°48'32	2♊57	5°37	5° 7	12°24	14°22	24°28	2°43	7°52	9°59	12°22	14° 9	23°36	7°25	W16
T 17	13 39 49	26°47'56	17°25	5° 7	6°21	13°10	14°34	24°35	2°45	7°54	9°59	12°D21	14° 6	23°43	7°28	T 17
F 18	13 43 46	27°47'19	1♋25	4°32	7°36	13°56	14°45	24°43	2°47	7°56	9°59	12°22	14° 3	23°49	7°32	F 18
S 19	13 47 42	28°46'39	14°58	3°52	8°50	14°42	14°57	24°50	2°50	7°58	9°59	12°24	14° 0	23°56	7°35	S 19
S 20	13 51 39	29°45'57	28° 6	3° 8	10° 4	15°28	15° 9	24°58	2°52	8° 0	9°59	12°R24	13°57	24° 3	7°39	S 20
M21	13 55 35	0♌45'13	10♌53	2°21	11°18	16°14	15°21	25° 5	2°54	8° 3	9°59	12°24	13°53	24° 9	7°42	M21
T 22	13 59 32	1°44'26	23°21	1°33	12°32	17° 0	15°33	25°12	2°56	8° 5	9°58	12°22	13°50	24°16	7°46	T 22
W23	14 3 28	2°43'37	5♍36	0°44	13°46	17°46	15°45	25°20	2°59	8° 7	9°D58	12°17	13°47	24°23	7°49	W23
T 24	14 7 25	3°42'46	17°40	29♈56	15° 0	18°32	15°57	25°27	3° 1	8° 9	9°58	12°12	13°44	24°30	7°53	T 24
F 25	14 11 21	4°41'53	29°38	29° 8	16°14	19°19	16° 9	25°35	3° 3	8°11	9°59	12° 5	13°41	24°36	7°56	F 25
S 26	14 15 18	5°40'57	11♎31	28°23	17°28	20° 5	16°22	25°42	3° 5	8°13	9°59	11°58	13°38	24°43	8° 0	S 26
S 27	14 19 14	6°40'00	23°21	27°40	18°42	20°51	16°34	25°49	3° 7	8°15	9°59	11°52	13°34	24°50	8° 4	S 27
M28	14 23 11	7°39'00	5♏12	27° 1	19°56	21°37	16°46	25°57	3° 9	8°17	9°59	11°46	13°31	24°56	8° 7	M28
T 29	14 27 8	8°37'59	17° 4	26°25	21°10	22°23	16°59	26° 4	3°11	8°19	9°59	11°42	13°28	25° 3	8°11	T 29
W30	14 31 4	9♉36'55	28♏59	25♈54	22♈24	23♓ 9	17♊11	26♈12	3♓13	8♈21	9♌59	11♊40	13♊25	25♎10	8♊15	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n17	11s23	2n55	12n19	1n31	6s20	1s10	12s11	1s11	21n27	0s35	6n43	2s11	11s21	0s43	1n53	1s 5	19n 8	1n35	22n15	22n27	4s40	17n 8	4s13
W 2	4 40	15 43	2 0	12 58	1 44	5 53	1 12	11 55	1 11	21 29	0 35	6 45	2 11	11 20	0 43	1 54	1 5	19 8	1 35	22 14	22 26	4 43	17 8	4 13
T 3	5 4	19 27	0 59	13 36	1 56	5 26	1 13	11 39	1 12	21 30	0 35	6 48	2 11	11 19	0 43	1 55	1 5	19 8	1 35	22 14	22 26	4 46	17 9	4 13
F 4	5 27	22 24	0s 5	14 10	2 8	4 58	1 15	11 23	1 12	21 32	0 35	6 51	2 11	11 18	0 43	1 56	1 5	19 9	1 35	22 14	22 26	4 49	17 9	4 13
S 5	5 50	24 23	1 9	14 41	2 20	4 30	1 16	11 7	1 12	21 33	0 35	6 54	2 11	11 17	0 43	1 57	1 5	19 9	1 35	22 14	22 25	4 52	17 10	4 12
S 6	6 13	25 13	2 12	15 9	2 30	4 3	1 18	10 50	1 13	21 35	0 34	6 56	2 11	11 16	0 43	1 57	1 5	19 9	1 35	22 14	22 25	4 55	17 11	4 12
M 7	6 35	24 43	3 11	15 33	2 40	3 35	1 19	10 34	1 13	21 37	0 34	6 59	2 11	11 15	0 43	1 58	1 5	19 9	1 35	22 14	22 25	4 58	17 11	4 12
T 8	6 58	22 51	4 1	15 54	2 49	3 7	1 20	10 18	1 14	21 38	0 34	7 2	2 11	11 14	0 43	1 59	1 5	19 9	1 35	22 14	22 24	5 1	17 12	4 12
W 9	7 21	19 37	4 39	16 11	2 57	2 39	1 22	10 1	1 14	21 40	0 34	7 4	2 11	11 13	0 43	2 0	1 5	19 9	1 35	22 13	22 24	5 4	17 12	4 12
T 10	7 43	15 8	5 2	16 25	3 4	2 10	1 23	9 45	1 15	21 41	0 34	7 7	2 11	11 12	0 43	2 1	1 5	19 9	1 35	22 13	22 23	5 7	17 13	4 12
F 11	8 5	9 39	5 5	16 34	3 10	1 42	1 24	9 28	1 15	21 43	0 34	7 10	2 11	11 11	0 43	2 2	1 5	19 9	1 35	22 12	22 23	5 9	17 14	4 12
S 12	8 28	3 28	4 49	16 40	3 14	1 14	1 25	9 11	1 15	21 44	0 33	7 13	2 11	11 10	0 43	2 3	1 5	19 10	1 35	22 11	22 23	5 12	17 14	4 12
S 13	8 50	3n 1	4 11	16 42	3 17	0 45	1 26	8 54	1 16	21 46	0 33	7 15	2 11	11 9	0 43	2 3	1 5	19 10	1 35	22 10	22 22	5 15	17 15	4 11
M14	9 11	9 21	3 16	16 39	3 18	0 17	1 27	8 37	1 16	21 47	0 33	7 18	2 11	11 9	0 43	2 4	1 5	19 10	1 35	22 9	22 22	5 18	17 16	4 11
T 15	9 33	15 5	2 7	16 33	3 17	0n12	1 28	8 20	1 17	21 49	0 33	7 21	2 11	11 8	0 43	2 5	1 5	19 10	1 35	22 8	22 22	5 21	17 16	4 11
W16	9 55	19 47	0 51	16 23	3 15	0 40	1 28	8 3	1 17	21 50	0 33	7 23	2 11	11 7	0 43	2 6	1 5	19 10	1 35	22 8	22 21	5 24	17 17	4 11
T 17	10 16	23 9	0n27	16 9	3 11	1 9	1 29	7 46	1 17	21 52	0 33	7 26	2 11	11 6	0 43	2 7	1 5	19 10	1 35	22 8	22 21	5 27	17 17	4 11
F 18	10 37	24 58	1 41	15 51	3 5	1 37	1 30	7 29	1 18	21 53	0 32	7 29	2 11	11 5	0 43	2 8	1 5	19 10	1 35	22 8	22 21	5 30	17 18	4 11
S 19	10 58	25 13	2 47	15 31	2 58	2 6	1 30	7 11	1 18	21 55	0 32	7 31	2 11	11 4	0 43	2 9	1 5	19 10	1 35	22 8	22 20	5 33	17 19	4 11
S 20	11 19	24 2	3 42	15 8	2 49	2 34	1 31	6 54	1 18	21 56	0 32	7 34	2 11	11 4	0 43	2 9	1 5	19 10	1 36	22 8	22 20	5 36	17 19	4 11
M21	11 40	21 38	4 24	14 42	2 38	3 3	1 31	6 36	1 19	21 57	0 32	7 37	2 11	11 3	0 43	2 10	1 5	19 10	1 36	22 8	22 19	5 39	17 20	4 11
T 22	12 0	18 16	4 53	14 14	2 26	3 31	1 31	6 19	1 19	21 59	0 32	7 39	2 11	11 2	0 43	2 11	1 5	19 10	1 36	22 8	22 19	5 42	17 21	4 11
W23	12 21	14 10	5 8	13 45	2 13	3 59	1 32	6 1	1 19	22 0	0 32	7 42	2 11	11 1	0 43	2 12	1 5	19 10	1 36	22 7	22 19	5 45	17 21	4 11
T 24	12 41	9 35	5 8	13 14	1 59	4 28	1 32	5 44	1 20	22 2	0 32	7 45	2 11	11 1	0 43	2 13	1 5	19 10	1 36	22 7	22 18	5 48	17 22	4 10
F 25	13 0	4 40	4 56	12 43	1 44	4 56	1 32	5 26	1 20	22 3	0 31	7 47	2 11	11 0	0 43	2 13	1 5	19 10	1 36	22 6	22 18	5 51	17 22	4 10
S 26	13 20	0s23	4 30	12 12	1 28	5 24	1 32	5 8	1 20	22 5	0 31	7 50	2 11	10 59	0 43	2 14	1 5	19 10	1 36	22 5	22 17	5 54	17 23	4 10
S 27	13 39	5 24	3 53	11 42	1 12	5 52	1 32	4 51	1 21	22 6	0 31	7 53	2 11	10 59	0 44	2 15	1 5	19 10	1 36	22 4	22 17	5 57	17 24	4 10
M28	13 58	10 15	3 6	11 12	0 55	6 20	1 32	4 33	1 21	22 7	0 31	7 55	2 11	10 58	0 44	2 16	1 5	19 10	1 36	22 3	22 17	6 0	17 24	4 10
T 29	14 17	14 44	2 10	10 44	0 38	6 47	1 32	4 15	1 21	22 9	0 31	7 58	2 11	10 57	0 44	2 17	1 5	19 10	1 36	22 3	22 16	6 3	17 25	4 10
W30	14n36	18s41	1n 9	10n17	0n22	7n15	1s32	3s57	1s22	22n10	0s31	8n 0	2s11	10s57	0s44	2n17	1s 6	19n10	1n36	22n 2	22n16	6s 6	17n26	4s10

Julian Day Number = 2880794.5, Delta T = 01h15m31s
Ecliptic obliquity = 23°17'17, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°11'56, Lahiri = 40°18'56

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ASTRODIENST EPHEMERIS for the year 3175
geocentric

MAY 3175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 35 1	10♉35'50	11♐ 1	25°R28	23♈38	23♓55	17♊24	26♈19	3♓15	8♈23	9♌59	11°D39	13♊22	25♎16	8♊18	T 1
F 2	14 38 57	11°34'43	23°10	25♈ 7	24°52	24°41	17°37	26°26	3°16	8°25	9°59	11♊39	13°18	25°23	8°22	F 2
S 3	14 42 54	12°33'35	5♑30	24°51	26° 6	25°27	17°50	26°33	3°18	8°27	10° 0	11°41	13°15	25°30	8°26	S 3
S 4	14 46 50	13°32'24	18° 4	24°41	27°20	26°13	18° 2	26°41	3°20	8°29	10° 0	11°42	13°12	25°36	8°30	S 4
M 5	14 50 47	14°31'12	0♒57	24°35	28°34	26°59	18°15	26°48	3°21	8°31	10° 0	11°44	13° 9	25°43	8°34	M 5
T 6	14 54 43	15°29'58	14°10	24°D35	29°48	27°45	18°28	26°55	3°23	8°33	10° 1	11°R44	13° 6	25°50	8°38	T 6
W 7	14 58 40	16°28'43	27°46	24°40	1♉ 2	28°31	18°41	27° 2	3°25	8°35	10° 1	11°44	13° 3	25°56	8°41	W 7
T 8	15 2 37	17°27'26	11♓48	24°50	2°16	29°18	18°54	27°10	3°26	8°37	10° 1	11°42	12°59	26° 3	8°45	T 8
F 9	15 6 33	18°26'07	26°13	25° 5	3°30	0♈ 4	19° 7	27°17	3°28	8°39	10° 2	11°40	12°56	26°10	8°49	F 9
S 10	15 10 30	19°24'47	11♈ 0	25°25	4°44	0°50	19°20	27°24	3°29	8°41	10° 2	11°37	12°53	26°17	8°53	S 10
S 11	15 14 26	20°23'25	26° 1	25°49	5°58	1°36	19°33	27°31	3°30	8°42	10° 2	11°34	12°50	26°23	8°57	S 11
M12	15 18 23	21°22'01	11♉ 8	26°17	7°12	2°22	19°47	27°38	3°32	8°44	10° 3	11°32	12°47	26°30	9° 1	M12
T 13	15 22 19	22°20'36	26°13	26°50	8°26	3° 8	20° 0	27°45	3°33	8°46	10° 3	11°30	12°43	26°37	9° 5	T 13
W14	15 26 16	23°19'08	11♊ 6	27°27	9°40	3°54	20°13	27°52	3°34	8°48	10° 4	11°D30	12°40	26°43	9° 9	W14
T 15	15 30 12	24°17'39	25°39	28° 7	10°54	4°40	20°27	27°59	3°36	8°49	10° 4	11°30	12°37	26°50	9°13	T 15
F 16	15 34 9	25°16'08	9♋48	28°52	12° 8	5°26	20°40	28° 6	3°37	8°51	10° 5	11°31	12°34	26°57	9°17	F 16
S 17	15 38 6	26°14'35	23°30	29°39	13°22	6°12	20°53	28°13	3°38	8°53	10° 6	11°32	12°31	27° 3	9°22	S 17
S 18	15 42 2	27°13'00	6♌46	0♉30	14°36	6°58	21° 7	28°20	3°39	8°55	10° 6	11°34	12°28	27°10	9°26	S 18
M19	15 45 59	28°11'23	19°38	1°25	15°50	7°44	21°20	28°27	3°40	8°56	10° 7	11°34	12°24	27°17	9°30	M19
T 20	15 49 55	29° 9'44	2♍10	2°22	17° 4	8°30	21°34	28°33	3°41	8°58	10° 7	11°R34	12°21	27°23	9°34	T 20
W21	15 53 52	0♊ 8'02	14°25	3°22	18°18	9°16	21°48	28°40	3°42	8°59	10° 8	11°34	12°18	27°30	9°38	W21
T 22	15 57 48	1° 6'19	26°27	4°26	19°32	10° 2	22° 1	28°47	3°43	9° 1	10° 9	11°33	12°15	27°37	9°42	T 22
F 23	16 1 45	2° 4'33	8♎22	5°31	20°46	10°48	22°15	28°54	3°43	9° 3	10°10	11°32	12°12	27°43	9°46	F 23
S 24	16 5 42	3° 2'46	20°12	6°40	21°59	11°34	22°29	29° 0	3°44	9° 4	10°10	11°31	12° 9	27°50	9°50	S 24
S 25	16 9 38	4° 0'57	2♏ 2	7°51	23°13	12°20	22°42	29° 7	3°45	9° 6	10°11	11°29	12° 5	27°57	9°54	S 25
M26	16 13 35	4°59'06	13°54	9° 5	24°27	13° 5	22°56	29°13	3°46	9° 7	10°12	11°29	12° 2	28° 3	9°59	M26
T 27	16 17 31	5°57'14	25°51	10°21	25°41	13°51	23°10	29°20	3°46	9° 8	10°13	11°28	11°59	28°10	10° 3	T 27
W28	16 21 28	6°55'19	7♐55	11°40	26°55	14°37	23°23	29°26	3°47	9°10	10°13	11°D28	11°56	28°17	10° 7	W28
T 29	16 25 24	7°53'24	20° 8	13° 0	28° 9	15°23	23°37	29°33	3°47	9°11	10°14	11°28	11°53	28°24	10°11	T 29
F 30	16 29 21	8°51'27	2♑32	14°23	29°22	16° 9	23°51	29°39	3°48	9°13	10°15	11°28	11°49	28°30	10°15	F 30
S 31	16 33 17	9♊49'28	15♑ 7	15♉49	0♊36	16♈54	24♊ 5	29♈45	3♓48	9♈14	10♌16	11♊28	11♊46	28♎37	10♊19	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n54	21s54	0n 3	9n52	0n 5	7n42	1s31	3s39	1s22	22n11	0s31	8n 3	2s11	10s56	0s44	2n18	1s 6	19n10	1n36	22n 2	22n16	6s 9	17n26	4s10
F 2	15 13	24 9	1s 3	9 30	0s11	8 9	1 31	3 21	1 22	22 13	0 30	8 5	2 11	10 55	0 44	2 19	1 6	19 10	1 36	22 2	22 15	6 11	17 27	4 10
S 3	15 31	25 17	2 7	9 9	0 26	8 37	1 31	3 4	1 22	22 14	0 30	8 8	2 12	10 55	0 44	2 20	1 6	19 10	1 36	22 3	22 15	6 14	17 27	4 10
S 4	15 48	25 10	3 7	8 51	0 42	9 3	1 30	2 46	1 23	22 15	0 30	8 11	2 12	10 54	0 44	2 20	1 6	19 10	1 36	22 3	22 14	6 17	17 28	4 10
M 5	16 6	23 42	3 58	8 36	0 56	9 30	1 30	2 28	1 23	22 16	0 30	8 13	2 12	10 54	0 44	2 21	1 6	19 10	1 36	22 3	22 14	6 20	17 29	4 10
T 6	16 23	20 55	4 39	8 23	1 10	9 57	1 29	2 10	1 23	22 18	0 30	8 16	2 12	10 53	0 44	2 22	1 6	19 10	1 36	22 3	22 14	6 23	17 29	4 10
W 7	16 40	16 57	5 5	8 12	1 23	10 23	1 28	1 52	1 23	22 19	0 30	8 18	2 12	10 53	0 44	2 22	1 6	19 10	1 36	22 3	22 13	6 26	17 30	4 10
T 8	16 56	11 56	5 14	8 5	1 36	10 49	1 28	1 34	1 24	22 20	0 30	8 21	2 12	10 52	0 44	2 23	1 6	19 10	1 36	22 3	22 13	6 29	17 30	4 10
F 9	17 12	6 9	5 4	7 59	1 47	11 15	1 27	1 16	1 24	22 21	0 30	8 23	2 12	10 51	0 44	2 24	1 6	19 10	1 36	22 3	22 12	6 32	17 31	4 10
S 10	17 28	0n 7	4 34	7 56	1 58	11 40	1 26	0 57	1 24	22 22	0 29	8 25	2 12	10 51	0 44	2 25	1 6	19 10	1 36	22 2	22 12	6 35	17 32	4 10
S 11	17 44	6 29	3 45	7 55	2 8	12 5	1 25	0 39	1 24	22 24	0 29	8 28	2 12	10 51	0 44	2 25	1 6	19 10	1 36	22 2	22 12	6 38	17 32	4 10
M12	17 59	12 33	2 40	7 57	2 17	12 30	1 24	0 21	1 24	22 25	0 29	8 30	2 12	10 50	0 44	2 26	1 6	19 10	1 36	22 1	22 11	6 41	17 33	4 10
T 13	18 14	17 50	1 23	8 1	2 26	12 55	1 23	0 3	1 25	22 26	0 29	8 33	2 12	10 50	0 44	2 27	1 6	19 9	1 36	22 1	22 11	6 44	17 33	4 10
W14	18 29	21 56	0 2	8 7	2 33	13 19	1 22	0n15	1 25	22 27	0 29	8 35	2 12	10 49	0 44	2 27	1 6	19 9	1 36	22 1	22 10	6 47	17 34	4 10
T 15	18 44	24 30	1n17	8 15	2 40	13 43	1 21	0 33	1 25	22 28	0 29	8 37	2 13	10 49	0 44	2 28	1 6	19 9	1 36	22 1	22 10	6 50	17 35	4 10
F 16	18 58	25 25	2 30	8 24	2 46	14 7	1 20	0 51	1 25	22 29	0 29	8 40	2 13	10 48	0 44	2 29	1 6	19 9	1 36	22 1	22 10	6 53	17 35	4 10
S 17	19 11	24 44	3 32	8 36	2 52	14 30	1 18	1 9	1 25	22 30	0 29	8 42	2 13	10 48	0 44	2 29	1 6	19 9	1 36	22 1	22 9	6 56	17 36	4 10
S 18	19 25	22 40	4 20	8 49	2 56	14 53	1 17	1 26	1 25	22 31	0 28	8 44	2 13	10 48	0 44	2 30	1 6	19 9	1 36	22 2	22 9	6 59	17 36	4 10
M19	19 38	19 29	4 54	9 4	3 0	15 16	1 16	1 44	1 25	22 32	0 28	8 47	2 13	10 47	0 44	2 30	1 6	19 9	1 36	22 2	22 8	7 2	17 37	4 10
T 20	19 51	15 30	5 12	9 21	3 3	15 38	1 14	2 2	1 26	22 33	0 28	8 49	2 13	10 47	0 44	2 31	1 6	19 8	1 36	22 2	22 8	7 5	17 38	4 10
W21	20 3	10 58	5 16	9 39	3 6	16 0	1 13	2 20	1 26	22 34	0 28	8 51	2 13	10 47	0 44	2 32	1 6	19 8	1 36	22 2	22 8	7 7	17 38	4 10
T 22	20 15	6 5	5 6	9 58	3 8	16 22	1 11	2 38	1 26	22 35	0 28	8 54	2 13	10 47	0 44	2 32	1 6	19 8	1 36	22 2	22 7	7 10	17 39	4 10
F 23	20 27	1 2	4 43	10 19	3 9	16 43	1 10	2 56	1 26	22 36	0 28	8 56	2 13	10 46	0 45	2 33	1 6	19 8	1 36	22 1	22 7	7 13	17 39	4 10
S 24	20 38	4s 1	4 7	10 40	3 9	17 3	1 8	3 14	1 26	22 37	0 28	8 58	2 14	10 46	0 45	2 33	1 6	19 8	1 36	22 1	22 6	7 16	17 40	4 10
S 25	20 49	8 57	3 22	11 3	3 9	17 23	1 6	3 31	1 26	22 38	0 28	9 0	2 14	10 46	0 45	2 34	1 6	19 8	1 36	22 1	22 6	7 19	17 40	4 10
M26	21 0	13 34	2 27	11 27	3 8	17 43	1 5	3 49	1 26	22 39	0 27	9 2	2 14	10 46	0 45	2 34	1 6	19 7	1 36	22 1	22 5	7 22	17 41	4 10
T 27	21 10	17 43	1 26	11 52	3 7	18 2	1 3	4 6	1 26	22 39	0 27	9 4	2 14	10 45	0 45	2 35	1 6	19 7	1 36	22 1	22 5	7 25	17 41	4 10
W28	21 20	21 10	0 20	12 18	3 5	18 21	1 1	4 24	1 26	22 40	0 27	9 7	2 14	10 45	0 45	2 35	1 6	19 7	1 36	22 1	22 5	7 28	17 42	4 10
T 29	21 29	23 43	0s48	12 45	3 2	18 39	0 59	4 42	1 26	22 41	0 27	9 9	2 14	10 45	0 45	2 36	1 6	19 7	1 36	22 1	22 4	7 31	17 43	4 10
F 30	21 38	25 10	1 54	13 12	2 59	18 57	0 57	4 59	1 26	22 42	0 27	9 11	2 14	10 45	0 45	2 37	1 7	19 7	1 37	22 1	22 4	7 34	17 43	4 10
S 31	21n47	25s21	2s56	13n40	2s55	19n15	0s55	5n16	1s26	22n42	0s27	9n13	2s15	10s45	0s45	2n37	1s 7	19n 6	1n37	22n 1	22n 3	7s37	17n44	4s10

Julian Day Number = 2880824.5, Delta T = 01h15m31s
Ecliptic obliquity = 23°17'17, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°12'00, Lahiri = 40°19'00

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ASTRODIENST EPHEMERIS for the year 3175
geocentric

JUNE 3175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 37 14	10♊47'28	27♉56	17♉16	1♊50	17♈40	24♊19	29♈52	3♓49	9♈15	10♌17	11♊28	11♊43	28♎44	10♊24	S 1
M 2	16 41 11	11°45'26	11♒ 0	18°46	3° 4	18°26	24°33	29°58	3°49	9°17	10°18	11°R28	11°40	28°50	10°28	M 2
T 3	16 45 7	12°43'24	24°21	20°18	4°18	19°12	24°47	0♉ 4	3°49	9°18	10°19	11°28	11°37	28°57	10°32	T 3
W 4	16 49 4	13°41'20	7♓58	21°52	5°32	19°57	25° 1	0°10	3°49	9°19	10°20	11°D28	11°34	29° 4	10°36	W 4
T 5	16 53 0	14°39'15	21°53	23°28	6°45	20°43	25°14	0°16	3°50	9°20	10°21	11°28	11°30	29°10	10°40	T 5
F 6	16 56 57	15°37'08	6♈ 5	25° 7	7°59	21°29	25°28	0°22	3°50	9°22	10°22	11°29	11°27	29°17	10°44	F 6
S 7	17 0 53	16°35'01	20°33	26°47	9°13	22°14	25°42	0°28	3°50	9°23	10°23	11°29	11°24	29°24	10°48	S 7
S 8	17 4 50	17°32'52	5♉11	28°30	10°27	23° 0	25°56	0°34	3°R50	9°24	10°24	11°29	11°21	29°30	10°53	S 8
M 9	17 8 46	18°30'43	19°56	0♊15	11°41	23°45	26°10	0°40	3°50	9°25	10°25	11°30	11°18	29°37	10°57	M 9
T 10	17 12 43	19°28'32	4♊41	2° 2	12°54	24°31	26°24	0°46	3°50	9°26	10°26	11°R30	11°15	29°44	11° 1	T 10
W11	17 16 40	20°26'20	19°20	3°51	14° 8	25°16	26°38	0°51	3°50	9°27	10°27	11°30	11°11	29°50	11° 5	W11
T 12	17 20 36	21°24'07	3♋44	5°42	15°22	26° 2	26°52	0°57	3°49	9°28	10°28	11°30	11° 8	29°57	11° 9	T 12
F 13	17 24 33	22°21'53	17°50	7°36	16°36	26°47	27° 6	1° 3	3°49	9°29	10°29	11°29	11° 5	0♏ 4	11°13	F 13
S 14	17 28 29	23°19'37	1♌34	9°31	17°49	27°32	27°20	1° 8	3°49	9°30	10°31	11°27	11° 2	0°10	11°17	S 14
S 15	17 32 26	24°17'19	14°54	11°29	19° 3	28°18	27°35	1°14	3°49	9°31	10°32	11°26	10°59	0°17	11°22	S 15
M16	17 36 22	25°15'01	27°50	13°28	20°17	29° 3	27°49	1°19	3°48	9°32	10°33	11°24	10°55	0°24	11°26	M16
T 17	17 40 19	26°12'40	10♍25	15°30	21°31	29°48	28° 3	1°25	3°48	9°33	10°34	11°23	10°52	0°30	11°30	T 17
W18	17 44 15	27°10'19	22°42	17°33	22°45	0♉33	28°17	1°30	3°47	9°33	10°35	11°D22	10°49	0°37	11°34	W18
T 19	17 48 12	28° 7'55	4♎46	19°38	23°58	1°18	28°31	1°35	3°47	9°34	10°37	11°22	10°46	0°44	11°38	T 19
F 20	17 52 9	29° 5'31	16°41	21°45	25°12	2° 4	28°45	1°40	3°46	9°35	10°38	11°23	10°43	0°50	11°42	F 20
S 21	17 56 5	0♋ 3'05	28°31	23°53	26°26	2°49	28°59	1°45	3°46	9°36	10°39	11°25	10°40	0°57	11°46	S 21
S 22	18 0 2	1° 0'38	10♏22	26° 3	27°40	3°34	29°13	1°50	3°45	9°36	10°40	11°26	10°36	1° 4	11°50	S 22
M23	18 3 58	1°58'10	22°17	28°13	28°53	4°19	29°27	1°55	3°44	9°37	10°42	11°27	10°33	1°11	11°54	M23
T 24	18 7 55	2°55'40	4♐20	0♋25	0♋ 7	5° 3	29°41	2° 0	3°44	9°38	10°43	11°28	10°30	1°17	11°58	T 24
W25	18 11 51	3°53'10	16°34	2°37	1°21	5°48	29°55	2° 5	3°43	9°38	10°44	11°R28	10°27	1°24	12° 2	W25
T 26	18 15 48	4°50'39	29° 1	4°49	2°35	6°33	0♋ 9	2°10	3°42	9°39	10°46	11°27	10°24	1°31	12° 6	T 26
F 27	18 19 45	5°48'06	11♑42	7° 1	3°48	7°18	0°23	2°14	3°41	9°39	10°47	11°25	10°21	1°37	12°10	F 27
S 28	18 23 41	6°45'33	24°39	9°13	5° 2	8° 3	0°37	2°19	3°40	9°40	10°48	11°22	10°17	1°44	12°14	S 28
S 29	18 27 38	7°42'59	7♒50	11°25	6°16	8°47	0°51	2°23	3°39	9°40	10°50	11°18	10°14	1°51	12°17	S 29
M30	18 31 34	8♋40'25	21♒15	13♋36	7♋29	9♉32	1♋ 5	2♉28	3♓38	9♈41	10♌51	11♊14	10♊11	1♏57	12♊21	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n55	24s12	3s50	14n 9	2s51	19n31	0s54	5n34	1s26	22n43	0s27	9n15	2s15	10s45	0s45	2n37	1s 7	19n 6	1n37	22n 1	22n 3	7s40	17n44	4s10
M 2	22 3	21 45	4 34	14 38	2 46	19 48	0 52	5 51	1 26	22 44	0 27	9 17	2 15	10 45	0 45	2 38	1 7	19 6	1 37	22 1	22 3	7 43	17 45	4 10
T 3	22 11	18 5	5 3	15 7	2 41	20 3	0 50	6 8	1 26	22 45	0 27	9 19	2 15	10 45	0 45	2 38	1 7	19 6	1 37	22 1	22 2	7 46	17 45	4 11
W 4	22 18	13 26	5 17	15 37	2 35	20 19	0 47	6 25	1 26	22 45	0 27	9 21	2 15	10 45	0 45	2 39	1 7	19 6	1 37	22 1	22 2	7 49	17 46	4 11
T 5	22 25	7 59	5 12	16 7	2 29	20 33	0 45	6 42	1 26	22 46	0 26	9 23	2 15	10 45	0 45	2 39	1 7	19 5	1 37	22 1	22 1	7 52	17 46	4 11
F 6	22 31	2 1	4 49	16 38	2 22	20 47	0 43	6 59	1 26	22 46	0 26	9 25	2 15	10 45	0 45	2 40	1 7	19 5	1 37	22 1	22 1	7 55	17 47	4 11
S 7	22 37	4n10	4 7	17 8	2 14	21 1	0 41	7 16	1 26	22 47	0 26	9 27	2 16	10 45	0 45	2 40	1 7	19 5	1 37	22 1	22 0	7 57	17 47	4 11
S 8	22 43	10 13	3 8	17 39	2 7	21 14	0 39	7 33	1 26	22 47	0 26	9 29	2 16	10 45	0 45	2 41	1 7	19 5	1 37	22 1	22 0	8 0	17 47	4 11
M 9	22 48	15 44	1 57	18 9	1 58	21 26	0 37	7 50	1 26	22 48	0 26	9 30	2 16	10 45	0 45	2 41	1 7	19 4	1 37	22 1	21 59	8 3	17 48	4 11
T 10	22 52	20 19	0 38	18 39	1 50	21 38	0 34	8 7	1 26	22 48	0 26	9 32	2 16	10 45	0 45	2 41	1 7	19 4	1 37	22 1	21 59	8 6	17 48	4 11
W11	22 57	23 35	0n43	19 8	1 41	21 49	0 32	8 23	1 26	22 49	0 26	9 34	2 16	10 45	0 45	2 42	1 7	19 4	1 37	22 1	21 59	8 9	17 49	4 11
T 12	23 1	25 14	2 0	19 37	1 31	22 0	0 30	8 40	1 26	22 49	0 26	9 36	2 17	10 45	0 45	2 42	1 7	19 3	1 37	22 1	21 58	8 12	17 49	4 11
F 13	23 4	25 13	3 8	20 6	1 22	22 10	0 28	8 56	1 25	22 50	0 26	9 38	2 17	10 45	0 45	2 42	1 7	19 3	1 37	22 1	21 58	8 15	17 50	4 11
S 14	23 7	23 38	4 3	20 33	1 12	22 19	0 25	9 12	1 25	22 50	0 26	9 39	2 17	10 45	0 45	2 43	1 7	19 3	1 37	22 1	21 57	8 18	17 50	4 12
S 15	23 10	20 46	4 43	21 0	1 1	22 27	0 23	9 28	1 25	22 50	0 25	9 41	2 17	10 45	0 45	2 43	1 7	19 3	1 37	22 1	21 57	8 21	17 51	4 12
M16	23 12	16 58	5 7	21 26	0 51	22 35	0 21	9 45	1 25	22 51	0 25	9 43	2 17	10 46	0 46	2 43	1 7	19 2	1 37	22 0	21 56	8 24	17 51	4 12
T 17	23 14	12 30	5 16	21 50	0 40	22 43	0 18	10 0	1 25	22 51	0 25	9 44	2 17	10 46	0 46	2 44	1 7	19 2	1 37	22 0	21 56	8 27	17 51	4 12
W18	23 15	7 38	5 10	22 13	0 30	22 49	0 16	10 16	1 25	22 51	0 25	9 46	2 18	10 46	0 46	2 44	1 7	19 2	1 37	22 0	21 56	8 30	17 52	4 12
T 19	23 16	2 34	4 50	22 34	0 19	22 55	0 14	10 32	1 24	22 52	0 25	9 48	2 18	10 46	0 46	2 44	1 7	19 1	1 37	22 0	21 55	8 33	17 52	4 12
F 20	23 17	2s32	4 18	22 54	0 8	23 1	0 11	10 48	1 24	22 52	0 25	9 49	2 18	10 46	0 46	2 44	1 7	19 1	1 37	22 0	21 55	8 36	17 53	4 12
S 21	23 17	7 31	3 35	23 11	0n 3	23 6	0 9	11 3	1 24	22 52	0 25	9 51	2 18	10 47	0 46	2 45	1 7	19 1	1 37	22 0	21 54	8 38	17 53	4 13
S 22	23 17	12 15	2 43	23 27	0 13	23 10	0 6	11 19	1 24	22 52	0 25	9 52	2 18	10 47	0 46	2 45	1 7	19 1	1 37	22 1	21 54	8 41	17 53	4 13
M23	23 16	16 33	1 44	23 40	0 24	23 13	0 4	11 34	1 24	22 52	0 25	9 54	2 19	10 47	0 46	2 45	1 8	19 0	1 37	22 1	21 53	8 44	17 54	4 13
T 24	23 15	20 14	0 39	23 51	0 34	23 16	0 2	11 49	1 23	22 53	0 25	9 55	2 19	10 47	0 46	2 45	1 8	19 0	1 37	22 1	21 53	8 47	17 54	4 13
W25	23 14	23 5	0s28	23 59	0 43	23 18	0n 1	12 4	1 23	22 53	0 25	9 57	2 19	10 48	0 46	2 45	1 8	19 0	1 37	22 1	21 52	8 50	17 54	4 13
T 26	23 12	24 52	1 35	24 5	0 53	23 19	0 3	12 19	1 23	22 53	0 25	9 58	2 19	10 48	0 46	2 46	1 8	18 59	1 37	22 1	21 52	8 53	17 55	4 13
F 27	23 10	25 25	2 39	24 8	1 2	23 19	0 5	12 34	1 23	22 53	0 24	9 59	2 19	10 49	0 46	2 46	1 8	18 59	1 37	22 1	21 51	8 56	17 55	4 13
S 28	23 7	24 35	3 35	24 8	1 10	23 19	0 8	12 48	1 22	22 53	0 24	10 1	2 20	10 49	0 46	2 46	1 8	18 59	1 38	22 0	21 51	8 59	17 55	4 14
S 29	23 4	22 24	4 22	24 5	1 18	23 19	0 10	13 3	1 22	22 53	0 24	10 2	2 20	10 49	0 46	2 46	1 8	18 58	1 38	22 0	21 51	9 2	17 56	4 14
M30	23n 0	18s58	4s54	24n 0	1n25	23n17	0n13	13n17	1s22	22n53	0s24	10n 3	2s20	10s50	0s46	2n46	1s 8	18n58	1n38	21n59	21n50	9s 5	17n56	4s14

Julian Day Number = 2880855.5, Delta T = 01h15m32s
Ecliptic obliquity = 23°17'17, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°12'04, Lahiri = 40°19'05

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ASTRODIENST EPHEMERIS for the year 3175
geocentric

JULY 3175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 35 31	9♋37'50	4♓52	15♋45	8♋43	10♉16	1♋19	2♉32	3°R37	9♈41	10♌53	11°R11	10♊ 8	2♏ 4	12♊25	T 1
W 2	18 39 27	10°35'14	18°41	17°54	9°57	11° 1	1°33	2°36	3♓36	9°41	10°54	11♊ 8	10° 5	2°11	12°29	W 2
T 3	18 43 24	11°32'37	2♈40	20° 1	11°11	11°45	1°47	2°40	3°35	9°42	10°55	11° 6	10° 1	2°17	12°33	T 3
F 4	18 47 20	12°30'01	16°47	22° 6	12°24	12°30	2° 0	2°45	3°34	9°42	10°57	11°D 6	9°58	2°24	12°37	F 4
S 5	18 51 17	13°27'24	1♉ 0	24°10	13°38	13°14	2°14	2°49	3°32	9°42	10°58	11° 7	9°55	2°31	12°40	S 5
S 6	18 55 14	14°24'46	15°19	26°12	14°52	13°59	2°28	2°53	3°31	9°43	11° 0	11° 8	9°52	2°37	12°44	S 6
M 7	18 59 10	15°22'09	29°39	28°12	16° 6	14°43	2°42	2°56	3°30	9°43	11° 1	11°10	9°49	2°44	12°48	M 7
T 8	19 3 7	16°19'31	13♊58	0♌10	17°20	15°27	2°56	3° 0	3°28	9°43	11° 3	11°R10	9°46	2°51	12°51	T 8
W 9	19 7 3	17°16'53	28°12	2° 6	18°33	16°11	3°10	3° 4	3°27	9°43	11° 4	11° 9	9°42	2°57	12°55	W 9
T 10	19 11 0	18°14'14	12♋16	3°59	19°47	16°55	3°23	3° 7	3°26	9°43	11° 6	11° 6	9°39	3° 4	12°59	T 10
F 11	19 14 56	19°11'35	26° 7	5°50	21° 1	17°39	3°37	3°11	3°24	9°43	11° 7	11° 1	9°36	3°11	13° 2	F 11
S 12	19 18 53	20° 8'55	9♌41	7°40	22°15	18°23	3°51	3°14	3°23	9°43	11° 9	10°56	9°33	3°17	13° 6	S 12
S 13	19 22 49	21° 6'15	22°55	9°26	23°28	19° 7	4° 5	3°18	3°21	9°R43	11°10	10°49	9°30	3°24	13° 9	S 13
M14	19 26 46	22° 3'34	5♍49	11°11	24°42	19°51	4°18	3°21	3°20	9°43	11°12	10°42	9°27	3°31	13°13	M14
T 15	19 30 43	23° 0'53	18°24	12°53	25°56	20°34	4°32	3°24	3°18	9°43	11°13	10°37	9°23	3°37	13°16	T 15
W16	19 34 39	23°58'11	0♎42	14°33	27°10	21°18	4°46	3°27	3°16	9°43	11°15	10°32	9°20	3°44	13°20	W16
T 17	19 38 36	24°55'28	12°46	16°11	28°23	22° 1	4°59	3°30	3°15	9°43	11°17	10°30	9°17	3°51	13°23	T 17
F 18	19 42 32	25°52'45	24°40	17°46	29°37	22°45	5°13	3°33	3°13	9°43	11°18	10°D29	9°14	3°57	13°26	F 18
S 19	19 46 29	26°50'01	6♏31	19°19	0♌51	23°28	5°26	3°36	3°11	9°43	11°20	10°29	9°11	4° 4	13°30	S 19
S 20	19 50 25	27°47'17	18°22	20°50	2° 5	24°12	5°40	3°39	3° 9	9°43	11°21	10°31	9° 7	4°11	13°33	S 20
M21	19 54 22	28°44'33	0♐19	22°19	3°19	24°55	5°53	3°41	3° 7	9°42	11°23	10°32	9° 4	4°17	13°36	M21
T 22	19 58 18	29°41'48	12°27	23°45	4°32	25°38	6° 6	3°44	3° 6	9°42	11°24	10°R32	9° 1	4°24	13°40	T 22
W23	20 2 15	0♑39'03	24°48	25° 8	5°46	26°21	6°20	3°46	3° 4	9°42	11°26	10°31	8°58	4°31	13°43	W23
T 24	20 6 12	1°36'18	7♒28	26°30	7° 0	27° 4	6°33	3°48	3° 2	9°41	11°28	10°28	8°55	4°37	13°46	T 24
F 25	20 10 8	2°33'32	20°26	27°48	8°14	27°47	6°46	3°51	3° 0	9°41	11°29	10°23	8°52	4°44	13°49	F 25
S 26	20 14 5	3°30'47	3♓44	29° 5	9°27	28°30	7° 0	3°53	2°58	9°41	11°31	10°16	8°48	4°51	13°52	S 26
S 27	20 18 1	4°28'01	17°20	0♍18	10°41	29°13	7°13	3°55	2°56	9°40	11°32	10° 7	8°45	4°57	13°55	S 27
M28	20 21 58	5°25'16	1♈11	1°29	11°55	29°55	7°26	3°57	2°54	9°40	11°34	9°58	8°42	5° 4	13°58	M28
T 29	20 25 54	6°22'30	15°14	2°38	13° 9	0♊38	7°39	3°59	2°52	9°39	11°36	9°50	8°39	5°11	14° 1	T 29
W30	20 29 51	7°19'45	29°23	3°43	14°23	1°20	7°52	4° 0	2°50	9°39	11°37	9°43	8°36	5°17	14° 4	W30
T 31	20 33 47	8♌17'00	13♈36	4♍46	15♌36	2♊ 3	8♋ 5	4♉ 2	2♓48	9♈38	11♌39	9♊39	8♊33	5♏24	14♊ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22n56	14s29	5s11	23n52	1n31	23n15	0n15	13n31	1s21	22n53	0s24	10n 5	2s20	10s50	0s46	2n46	1s 8	18n58	1n38	21n59	21n50	9s 8	17n56	4s14	
W 2	22 52	9 13	5 10	23 42	1 37	23 12	0 17	13 45	1 21	22 53	0 24	10 6	2 21	10 51	0 46	2 46	1 8	18 57	1 38	21 58	21 49	9 11	17 57	4 14	
T 3	22 47	3 24	4 51	23 29	1 42	23 9	0 20	13 59	1 21	22 53	0 24	10 7	2 21	10 51	0 46	2 47	1 8	18 57	1 38	21 58	21 49	9 14	17 57	4 15	
F 4	22 42	2n38	4 15	23 14	1 46	23 5	0 22	14 13	1 20	22 52	0 24	10 8	2 21	10 51	0 46	2 47	1 8	18 57	1 38	21 58	21 48	9 16	17 57	4 15	
S 5	22 37	8 35	3 22	22 56	1 50	23 0	0 24	14 26	1 20	22 52	0 24	10 9	2 21	10 52	0 46	2 47	1 8	18 56	1 38	21 58	21 48	9 19	17 57	4 15	
S 6	22 31	14 9	2 17	22 37	1 52	22 54	0 27	14 40	1 20	22 52	0 24	10 10	2 22	10 52	0 46	2 47	1 8	18 56	1 38	21 58	21 47	9 22	17 58	4 15	
M 7	22 25	18 56	1 3	22 15	1 54	22 48	0 29	14 53	1 19	22 52	0 24	10 11	2 22	10 53	0 46	2 47	1 8	18 55	1 38	21 58	21 47	9 25	17 58	4 15	
T 8	22 18	22 35	0n15	21 52	1 55	22 41	0 31	15 6	1 19	22 52	0 24	10 13	2 22	10 53	0 46	2 47	1 8	18 55	1 38	21 58	21 46	9 28	17 58	4 16	
W 9	22 11	24 48	1 32	21 27	1 56	22 34	0 33	15 19	1 18	22 52	0 24	10 14	2 22	10 54	0 46	2 47	1 8	18 55	1 38	21 58	21 46	9 31	17 58	4 16	
T 10	22 3	25 24	2 41	21 0	1 55	22 25	0 35	15 32	1 18	22 51	0 23	10 15	2 22	10 54	0 46	2 47	1 8	18 54	1 38	21 58	21 45	9 34	17 59	4 16	
F 11	21 55	24 24	3 40	20 32	1 54	22 17	0 38	15 45	1 18	22 51	0 23	10 15	2 23	10 55	0 46	2 47	1 8	18 54	1 38	21 57	21 45	9 37	17 59	4 16	
S 12	21 47	21 58	4 25	20 3	1 52	22 7	0 40	15 57	1 17	22 51	0 23	10 16	2 23	10 56	0 46	2 47	1 8	18 54	1 38	21 56	21 45	9 40	17 59	4 16	
S 13	21 39	18 26	4 55	19 33	1 50	21 57	0 42	16 10	1 17	22 50	0 23	10 17	2 23	10 56	0 46	2 47	1 8	18 53	1 38	21 56	21 44	9 43	17 59	4 17	
M14	21 30	14 6	5 8	19 1	1 47	21 46	0 44	16 22	1 16	22 50	0 23	10 18	2 23	10 57	0 47	2 47	1 8	18 53	1 38	21 55	21 44	9 46	17 59	4 17	
T 15	21 20	9 16	5 7	18 29	1 43	21 35	0 46	16 34	1 16	22 50	0 23	10 19	2 24	10 57	0 47	2 47	1 9	18 52	1 38	21 54	21 43	9 48	18 0	4 17	
W16	21 11	4 11	4 51	17 56	1 39	21 23	0 48	16 46	1 15	22 49	0 23	10 20	2 24	10 58	0 47	2 47	1 9	18 52	1 38	21 53	21 43	9 51	18 0	4 17	
T 17	21 1	0s59	4 22	17 23	1 34	21 10	0 50	16 57	1 15	22 49	0 23	10 21	2 24	10 59	0 47	2 46	1 9	18 52	1 38	21 53	21 42	9 54	18 0	4 18	
F 18	20 50	6 3	3 42	16 48	1 28	20 57	0 52	17 9	1 14	22 48	0 23	10 21	2 24	10 59	0 47	2 46	1 9	18 51	1 38	21 53	21 42	9 57	18 0	4 18	
S 19	20 39	10 52	2 53	16 14	1 22	20 43	0 54	17 20	1 14	22 48	0 23	10 22	2 25	11 0	0 47	2 46	1 9	18 51	1 38	21 53	21 41	10 0	18 0	4 18	
S 20	20 28	15 19	1 57	15 39	1 15	20 29	0 56	17 31	1 13	22 47	0 23	10 23	2 25	11 1	0 47	2 46	1 9	18 51	1 39	21 53	21 41	10 3	18 0	4 18	
M21	20 17	19 12	0 55	15 3	1 8	20 14	0 57	17 42	1 13	22 47	0 23	10 23	2 25	11 1	0 47	2 46	1 9	18 50	1 39	21 53	21 40	10 6	18 1	4 19	
T 22	20 5	22 19	0s10	14 28	1 0	19 58	0 59	17 53	1 12	22 46	0 23	10 24	2 25	11 2	0 47	2 46	1 9	18 50	1 39	21 53	21 40	10 9	18 1	4 19	
W23	19 53	24 27	1 16	13 52	0 52	19 42	1 1	18 3	1 12	22 46	0 23	10 24	2 26	11 3	0 47	2 46	1 9	18 49	1 39	21 53	21 39	10 12	18 1	4 19	
T 24	19 41	25 24	2 20	13 17	0 43	19 25	1 3	18 14	1 11	22 45	0 22	10 25	2 26	11 3	0 47	2 45	1 9	18 49	1 39	21 53	21 39	10 15	18 1	4 19	
F 25	19 28	25 0	3 18	12 41	0 34	19 8	1 4	18 24	1 10	22 45	0 22	10 25	2 26	11 4	0 47	2 45	1 9	18 49	1 39	21 52	21 38	10 17	18 1	4 20	
S 26	19 15	23 11	4 6	12 6	0 24	18 50	1 6	18 34	1 10	22 44	0 22	10 26	2 26	11 5	0 47	2 45	1 9	18 48	1 39	21 51	21 38	10 20	18 1	4 20	
S 27	19 1	20 1	4 42	11 30	0 14	18 32	1 7	18 44	1 9	22 43	0 22	10 26	2 27	11 6	0 47	2 45	1 9	18 48	1 39	21 50	21 37	10 23	18 1	4 20	
M28	18 48	15 41	5 2	10 56	0 3	18 13	1 9	18 53	1 9	22 43	0 22	10 27	2 27	11 6	0 47	2 45	1 9	18 47	1 39	21 48	21 37	10 26	18 1	4 20	
T 29	18 34	10 27	5 4	10 21	0s 8	17 53	1 10	19 3	1 8	22 42	0 22	10 27	2 27	11 7	0 47	2 44	1 9	18 47	1 39	21 47	21 36	10 29	18 1	4 21	
W30	18 19	4 39	4 48	9 47	0 19	17 34	1 12	19 12	1 7	22 41	0 22	10 27	2 28	11 8	0 47	2 44	1 9	18 47	1 39	21 46	21 36	10 32	18 1	4 21	
T 31	18n 5	1n26	4s14	9n14	0s31	17n13	1n13	19n21	1s 7	22n41	0s22	10n28	2s28	11s 9	0s47	2n44	1s 9	18n46	1n39	21n45	21n35	10s35	18n 1	4s21	

Julian Day Number = 2880885.5, Delta T = 01h15m33s
Ecliptic obliquity = 23°17'17, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°12'08, Lahiri = 40°19'09

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ASTRODIENST EPHEMERIS for the year 3175
geocentric

AUGUST 3175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 37 44	9♌14'16	27♈48	5♍46	16♌50	2♊45	8♋18	4♉ 3	2°R46	9°R38	11♌41	9°R36	8♊29	5♏31	14♊ 9	F 1
S 2	20 41 41	10°11'32	11♉58	6°43	18° 4	3°28	8°31	4° 5	2♓43	9♈37	11°42	9°D36	8°26	5°37	14°12	S 2
S 3	20 45 37	11° 8'49	26° 5	7°36	19°18	4°10	8°44	4° 6	2°41	9°36	11°44	9♊36	8°23	5°44	14°15	S 3
M 4	20 49 34	12° 6'07	10♊ 6	8°27	20°32	4°52	8°56	4° 8	2°39	9°36	11°45	9°R37	8°20	5°51	14°18	M 4
T 5	20 53 30	13° 3'25	24° 2	9°14	21°45	5°34	9° 9	4° 9	2°37	9°35	11°47	9°36	8°17	5°57	14°20	T 5
W 6	20 57 27	14° 0'43	7♋50	9°57	22°59	6°16	9°22	4°10	2°35	9°34	11°49	9°33	8°13	6° 4	14°23	W 6
T 7	21 1 23	14°58'02	21°30	10°37	24°13	6°57	9°34	4°11	2°32	9°33	11°50	9°27	8°10	6°11	14°25	T 7
F 8	21 5 20	15°55'22	4♌59	11°13	25°27	7°39	9°47	4°12	2°30	9°33	11°52	9°19	8° 7	6°17	14°28	F 8
S 9	21 9 17	16°52'42	18°14	11°44	26°41	8°21	9°59	4°12	2°28	9°32	11°53	9° 9	8° 4	6°24	14°30	S 9
S 10	21 13 13	17°50'03	1♍15	12°12	27°55	9° 2	10°12	4°13	2°26	9°31	11°55	8°58	8° 1	6°31	14°33	S 10
M11	21 17 10	18°47'23	13°59	12°36	29° 8	9°43	10°24	4°13	2°23	9°30	11°57	8°46	7°58	6°37	14°35	M11
T 12	21 21 6	19°44'44	26°27	12°54	0♍22	10°25	10°37	4°14	2°21	9°29	11°58	8°35	7°54	6°44	14°37	T 12
W13	21 25 3	20°42'06	8♎41	13° 9	1°36	11° 6	10°49	4°14	2°19	9°28	12° 0	8°27	7°51	6°51	14°40	W13
T 14	21 28 59	21°39'28	20°43	13°18	2°50	11°47	11° 1	4°14	2°16	9°27	12° 2	8°20	7°48	6°57	14°42	T 14
F 15	21 32 56	22°36'50	2♏36	13°R23	4° 4	12°28	11°13	4°15	2°14	9°26	12° 3	8°16	7°45	7° 4	14°44	F 15
S 16	21 36 52	23°34'13	14°25	13°22	5°17	13° 9	11°25	4°R15	2°12	9°25	12° 5	8°15	7°42	7°11	14°46	S 16
S 17	21 40 49	24°31'36	26°15	13°17	6°31	13°49	11°37	4°14	2° 9	9°24	12° 6	8°D14	7°39	7°17	14°48	S 17
M18	21 44 45	25°28'59	8♐12	13° 6	7°45	14°30	11°49	4°14	2° 7	9°23	12° 8	8°R15	7°35	7°24	14°50	M18
T 19	21 48 42	26°26'23	20°21	12°50	8°59	15°10	12° 1	4°14	2° 5	9°22	12° 9	8°14	7°32	7°31	14°52	T 19
W20	21 52 39	27°23'48	2♑46	12°30	10°13	15°51	12°12	4°14	2° 2	9°21	12°11	8°12	7°29	7°37	14°54	W20
T 21	21 56 35	28°21'13	15°32	12° 4	11°26	16°31	12°24	4°13	2° 0	9°20	12°13	8° 8	7°26	7°44	14°56	T 21
F 22	22 0 32	29°18'39	28°42	11°34	12°40	17°11	12°36	4°13	1°57	9°19	12°14	8° 1	7°23	7°51	14°58	F 22
S 23	22 4 28	0♍16'05	12♒17	10°59	13°54	17°51	12°47	4°12	1°55	9°18	12°16	7°51	7°19	7°57	14°59	S 23
S 24	22 8 25	1°13'32	26°14	10°21	15° 8	18°31	12°59	4°11	1°53	9°16	12°17	7°40	7°16	8° 4	15° 1	S 24
M25	22 12 21	2°11'00	10♓30	9°39	16°22	19°10	13°10	4°10	1°50	9°15	12°19	7°29	7°13	8°11	15° 3	M25
T 26	22 16 18	3° 8'29	24°58	8°55	17°35	19°50	13°21	4° 9	1°48	9°14	12°20	7°18	7°10	8°17	15° 4	T 26
W27	22 20 14	4° 5'59	9♈33	8° 8	18°49	20°29	13°32	4° 8	1°45	9°13	12°22	7° 9	7° 7	8°24	15° 6	W27
T 28	22 24 11	5° 3'30	24° 7	7°20	20° 3	21° 9	13°43	4° 7	1°43	9°11	12°23	7° 2	7° 4	8°31	15° 7	T 28
F 29	22 28 8	6° 1'02	8♉35	6°32	21°17	21°48	13°54	4° 6	1°41	9°10	12°25	6°59	7° 0	8°37	15° 8	F 29
S 30	22 32 4	6°58'36	22°53	5°44	22°30	22°27	14° 5	4° 4	1°38	9° 9	12°26	6°57	6°57	8°44	15°10	S 30
S 31	22 36 1	7♍56'11	6♊59	4♍58	23♍44	23♊ 6	14♋16	4♉ 3	1♓36	9♈ 7	12♌28	6♊57	6♊54	8♏51	15♊11	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	17n50	7n27	3s24	8n41	0s42	16n53	1n15	19n30	1s 6	22n40	0s22	10n28	2s28	11s 9	0s47	2n44	1s 9	18n46	1n39	21n45	21n35	10s38	18n 1	4s22	F 1
S 2	17 35	13 5	2 22	8 9	0 55	16 31	1 16	19 39	1 5	22 39	0 22	10 28	2 28	11 10	0 47	2 43	1 9	18 46	1 39	21 45	21 34	10 40	18 1	4 22	S 2
S 3	17 19	17 59	1 12	7 37	1 7	16 10	1 17	19 47	1 5	22 38	0 22	10 28	2 29	11 11	0 47	2 43	1 9	18 45	1 39	21 45	21 34	10 43	18 1	4 22	S 3
M 4	17 3	21 52	0n 3	7 7	1 20	15 47	1 18	19 55	1 4	22 38	0 22	10 29	2 29	11 12	0 47	2 43	1 9	18 45	1 39	21 45	21 33	10 46	18 1	4 23	M 4
T 5	16 47	24 25	1 16	6 37	1 33	15 25	1 19	20 4	1 3	22 37	0 22	10 29	2 29	11 13	0 47	2 42	1 9	18 44	1 39	21 45	21 33	10 49	18 1	4 23	T 5
W 6	16 31	25 28	2 24	6 9	1 46	15 2	1 20	20 11	1 2	22 36	0 22	10 29	2 29	11 13	0 47	2 42	1 9	18 44	1 40	21 45	21 32	10 52	18 1	4 23	W 6
T 7	16 15	24 56	3 24	5 42	1 59	14 39	1 21	20 19	1 2	22 35	0 22	10 29	2 30	11 14	0 47	2 42	1 10	18 44	1 40	21 44	21 32	10 55	18 1	4 23	T 7
F 8	15 58	22 57	4 10	5 16	2 12	14 15	1 22	20 27	1 1	22 34	0 22	10 29	2 30	11 15	0 47	2 41	1 10	18 43	1 40	21 43	21 31	10 58	18 1	4 24	F 8
S 9	15 41	19 45	4 43	4 52	2 26	13 51	1 23	20 34	1 0	22 33	0 21	10 29	2 30	11 16	0 47	2 41	1 10	18 43	1 40	21 41	21 31	11 1	18 1	4 24	S 9
S 10	15 23	15 38	4 59	4 29	2 39	13 26	1 24	20 41	0 59	22 33	0 21	10 29	2 30	11 17	0 47	2 41	1 10	18 42	1 40	21 39	21 30	11 4	18 1	4 24	S 10
M11	15 6	10 53	5 1	4 8	2 52	13 1	1 24	20 48	0 59	22 32	0 21	10 29	2 31	11 18	0 47	2 40	1 10	18 42	1 40	21 37	21 30	11 6	18 1	4 25	M11
T 12	14 48	5 48	4 48	3 49	3 6	12 36	1 25	20 55	0 58	22 31	0 21	10 29	2 31	11 18	0 47	2 40	1 10	18 42	1 40	21 36	21 29	11 9	18 1	4 25	T 12
W13	14 30	0 35	4 22	3 31	3 19	12 10	1 26	21 1	0 57	22 30	0 21	10 28	2 31	11 19	0 47	2 40	1 10	18 41	1 40	21 34	21 29	11 12	18 1	4 25	W13
T 14	14 12	4s34	3 44	3 16	3 31	11 44	1 26	21 8	0 56	22 29	0 21	10 28	2 32	11 20	0 47	2 39	1 10	18 41	1 40	21 33	21 28	11 15	18 1	4 26	T 14
F 15	13 53	9 31	2 57	3 3	3 43	11 18	1 27	21 14	0 55	22 28	0 21	10 28	2 32	11 21	0 47	2 39	1 10	18 41	1 40	21 33	21 28	11 18	18 1	4 26	F 15
S 16	13 35	14 6	2 3	2 52	3 55	10 52	1 27	21 20	0 55	22 27	0 21	10 28	2 32	11 22	0 47	2 38	1 10	18 40	1 40	21 33	21 27	11 21	18 1	4 26	S 16
S 17	13 16	18 10	1 3	2 44	4 6	10 25	1 27	21 26	0 54	22 26	0 21	10 28	2 32	11 23	0 47	2 38	1 10	18 40	1 40	21 33	21 27	11 24	18 1	4 27	S 17
M18	12 57	21 32	0 0	2 38	4 17	9 58	1 28	21 31	0 53	22 25	0 21	10 27	2 33	11 23	0 47	2 37	1 10	18 39	1 40	21 33	21 26	11 26	18 1	4 27	M18
T 19	12 37	24 0	1s 4	2 35	4 26	9 31	1 28	21 36	0 52	22 24	0 21	10 27	2 33	11 24	0 47	2 37	1 10	18 39	1 40	21 32	21 26	11 29	18 1	4 27	T 19
W20	12 18	25 22	2 6	2 35	4 35	9 3	1 28	21 42	0 51	22 23	0 21	10 27	2 33	11 25	0 47	2 36	1 10	18 39	1 41	21 32	21 25	11 32	18 0	4 28	W20
T 21	11 58	25 26	3 4	2 38	4 43	8 35	1 28	21 47	0 50	22 22	0 21	10 26	2 33	11 26	0 47	2 36	1 10	18 38	1 41	21 31	21 25	11 35	18 0	4 28	T 21
F 22	11 38	24 6	3 53	2 43	4 49	8 7	1 28	21 51	0 49	22 21	0 21	10 26	2 34	11 27	0 47	2 36	1 10	18 38	1 41	21 30	21 24	11 38	18 0	4 28	F 22
S 23	11 18	21 21	4 32	2 52	4 54	7 39	1 28	21 56	0 48	22 20	0 21	10 25	2 34	11 28	0 47	2 35	1 10	18 38	1 41	21 29	21 24	11 41	18 0	4 29	S 23
S 24	10 58	17 19	4 55	3 3	4 57	7 10	1 28	22 0	0 47	22 19	0 21	10 25	2 34	11 29	0 47	2 35	1 10	18 37	1 41	21 27	21 23	11 44	18 0	4 29	S 24
M25	10 38	12 13	5 0	3 17	4 59	6 42	1 28	22 5	0 46	22 18	0 21	10 24	2 34	11 29	0 47	2 34	1 10	18 37	1 41	21 25	21 23	11 46	18 0	4 29	M25
T 26	10 17	6 22	4 47	3 33	4 59	6 13	1 27	22 9	0 46	22 17	0 21	10 24	2 35	11 30	0 47	2 34	1 10	18 36	1 41	21 23	21 22	11 49	17 59	4 30	T 26
W27	9 57	0 8	4 14	3 52	4 57	5 44	1 27	22 13	0 45	22 16	0 20	10 23	2 35	11 31	0 47	2 33	1 10	18 36	1 41	21 22	21 22	11 52	17 59	4 30	W27
T 28	9 36	6n 6	3 26	4 13	4 53	5 15	1 27	22 16	0 44	22 15	0 20	10 22	2 35	11 32	0 47	2 32	1 10	18 36	1 41	21 21	21 21	11 55	17 59	4 30	T 28
F 29	9 15	12 0	2 24	4 36	4 48	4 45	1 26	22 20	0 43	22 14	0 20	10 22	2 35	11 33	0 47	2 32	1 10	18 35	1 41	21 20	21 21	11 58	17 59	4 31	F 29
S 30	8 54	17 11	1 14	5 0	4 40	4 16	1 25	22 23	0 42	22 13	0 20	10 21	2 36	11 34	0 47	2 31	1 10	18 35	1 41	21 20	21 20	12 1	17 59	4 31	S 30
S 31	8n32	21n21	0n 0	5n25	4s31	3n46	1n25	22n26	0s41	22n12	0s20	10n20	2s36	11s35	0s47	2n31	1s10	18n35	1n41	21n20	21n20	12s 3	17n58	4s31	S 31

Julian Day Number = 2880916.5, Delta T = 01h15m33s
Ecliptic obliquity = 23°17'17, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°12'13, Lahiri = 40°19'13

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3175
geocentric

SEPTEMBER 3175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 39 57	8♍53'47	20♊52	4°R14	24♍58	23♊45	14♋27	4°R 1	1°R33	9°R 6	12♑29	6°R57	6♊51	8♏57	15♊12	M 1
T 2	22 43 54	9°51'25	4♋33	3♍34	26°12	24°23	14°37	3♉59	1♓31	9♈ 5	12°31	6♊55	6°48	9° 4	15°13	T 2
W 3	22 47 50	10°49'04	18° 2	2°57	27°26	25° 2	14°48	3°58	1°29	9° 3	12°32	6°51	6°45	9°11	15°15	W 3
T 4	22 51 47	11°46'45	1♑20	2°25	28°39	25°40	14°58	3°56	1°26	9° 2	12°34	6°45	6°41	9°17	15°16	T 4
F 5	22 55 43	12°44'27	14°26	1°59	29°53	26°18	15° 8	3°54	1°24	9° 0	12°35	6°36	6°38	9°24	15°17	F 5
S 6	22 59 40	13°42'10	27°20	1°39	1♎ 7	26°56	15°19	3°52	1°22	8°59	12°37	6°24	6°35	9°31	15°17	S 6
S 7	23 3 37	14°39'55	10♍ 3	1°26	2°21	27°34	15°29	3°50	1°19	8°57	12°38	6°11	6°32	9°37	15°18	S 7
M 8	23 7 33	15°37'41	22°33	1°D20	3°34	28°12	15°39	3°47	1°17	8°56	12°40	5°58	6°29	9°44	15°19	M 8
T 9	23 11 30	16°35'28	4♎50	1°21	4°48	28°49	15°49	3°45	1°15	8°55	12°41	5°46	6°25	9°51	15°20	T 9
W10	23 15 26	17°33'16	16°57	1°30	6° 2	29°27	15°58	3°43	1°12	8°53	12°42	5°36	6°22	9°57	15°20	W10
T 11	23 19 23	18°31'06	28°53	1°47	7°16	0♋ 4	16° 8	3°40	1°10	8°51	12°44	5°28	6°19	10° 4	15°21	T 11
F 12	23 23 19	19°28'56	10♏44	2°11	8°29	0°41	16°18	3°37	1° 8	8°50	12°45	5°23	6°16	10°11	15°22	F 12
S 13	23 27 16	20°26'48	22°31	2°44	9°43	1°18	16°27	3°35	1° 6	8°48	12°46	5°21	6°13	10°17	15°22	S 13
S 14	23 31 12	21°24'42	4♐19	3°23	10°57	1°55	16°36	3°32	1° 4	8°47	12°48	5°D20	6°10	10°24	15°23	S 14
M15	23 35 9	22°22'36	16°14	4°11	12°10	2°31	16°46	3°29	1° 1	8°45	12°49	5°R20	6° 6	10°31	15°23	M15
T 16	23 39 6	23°20'31	28°21	5° 5	13°24	3° 7	16°55	3°26	0°59	8°44	12°50	5°20	6° 3	10°37	15°23	T 16
W17	23 43 2	24°18'28	10♑45	6° 7	14°38	3°44	17° 4	3°23	0°57	8°42	12°52	5°19	6° 0	10°44	15°23	W17
T 18	23 46 59	25°16'26	23°32	7°15	15°51	4°19	17°12	3°20	0°55	8°41	12°53	5°16	5°57	10°51	15°24	T 18
F 19	23 50 55	26°14'26	6♒44	8°30	17° 5	4°55	17°21	3°17	0°53	8°39	12°54	5°10	5°54	10°57	15°24	F 19
S 20	23 54 52	27°12'26	20°25	9°51	18°19	5°31	17°30	3°14	0°51	8°37	12°55	5° 2	5°50	11° 4	15°R24	S 20
S 21	23 58 48	28°10'28	4♓33	11°16	19°32	6° 6	17°38	3°10	0°49	8°36	12°57	4°53	5°47	11°11	15°24	S 21
M22	0 2 45	29° 8'31	19° 4	12°47	20°46	6°41	17°46	3° 7	0°47	8°34	12°58	4°43	5°44	11°17	15°24	M22
T 23	0 6 41	0♎ 6'36	3♈53	14°22	22° 0	7°16	17°55	3° 3	0°45	8°32	12°59	4°33	5°41	11°24	15°24	T 23
W24	0 10 38	1° 4'42	18°50	16° 1	23°13	7°51	18° 3	3° 0	0°43	8°31	13° 0	4°25	5°38	11°30	15°23	W24
T 25	0 14 34	2° 2'50	3♉48	17°44	24°27	8°26	18°11	2°56	0°41	8°29	13° 1	4°20	5°35	11°37	15°23	T 25
F 26	0 18 31	3° 1'00	18°37	19°29	25°40	9° 0	18°18	2°52	0°39	8°28	13° 2	4°17	5°31	11°44	15°23	F 26
S 27	0 22 28	3°59'12	3♊11	21°17	26°54	9°34	18°26	2°49	0°37	8°26	13° 4	4°D16	5°28	11°50	15°22	S 27
S 28	0 26 24	4°57'26	17°27	23° 7	28° 7	10° 8	18°34	2°45	0°35	8°24	13° 5	4°16	5°25	11°57	15°22	S 28
M29	0 30 21	5°55'42	1♋24	24°58	29°21	10°42	18°41	2°41	0°33	8°23	13° 6	4°R17	5°22	12° 4	15°21	M29
T 30	0 34 17	6♎54'00	15♋ 1	26♍50	0♏34	11♋16	18♋48	2♉37	0♓31	8♈21	13♑ 7	4♊16	5♊19	12♏10	15♊21	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n11	24n11	1n13	5n51	4s20	3n17	1n24	22n29	0s40	22n11	0s20	10n20	2s36	11s35	0s47	2n30	1s10	18n34	1n41	21n20	21n19	12s 6	17n58	4s32
T 2	7 50	25 33	2 20	6 17	4 8	2 47	1 23	22 32	0 38	22 9	0 20	10 19	2 36	11 36	0 47	2 30	1 10	18 34	1 42	21 20	21 18	12 9	17 58	4 32
W 3	7 28	25 22	3 19	6 43	3 54	2 17	1 23	22 34	0 37	22 8	0 20	10 18	2 37	11 37	0 47	2 29	1 10	18 34	1 42	21 19	21 18	12 12	17 58	4 33
T 4	7 6	23 44	4 6	7 8	3 39	1 47	1 22	22 37	0 36	22 7	0 20	10 17	2 37	11 38	0 47	2 29	1 10	18 33	1 42	21 18	21 17	12 15	17 57	4 33
F 5	6 44	20 50	4 39	7 32	3 23	1 17	1 21	22 39	0 35	22 6	0 20	10 16	2 37	11 39	0 47	2 28	1 11	18 33	1 42	21 16	21 17	12 18	17 57	4 33
S 6	6 22	16 58	4 57	7 55	3 6	0 47	1 20	22 41	0 34	22 5	0 20	10 15	2 37	11 40	0 47	2 27	1 11	18 33	1 42	21 14	21 16	12 20	17 57	4 34
S 7	6 0	12 23	5 0	8 16	2 49	0 17	1 19	22 43	0 33	22 4	0 20	10 14	2 38	11 40	0 47	2 27	1 11	18 32	1 42	21 12	21 16	12 23	17 57	4 34
M 8	5 38	7 21	4 48	8 35	2 31	0s13	1 18	22 45	0 32	22 3	0 20	10 13	2 38	11 41	0 47	2 26	1 11	18 32	1 42	21 10	21 15	12 26	17 56	4 34
T 9	5 16	2 7	4 23	8 51	2 13	0 44	1 16	22 46	0 31	22 2	0 20	10 12	2 38	11 42	0 47	2 26	1 11	18 32	1 42	21 8	21 15	12 29	17 56	4 35
W10	4 53	3s 7	3 47	9 5	1 54	1 14	1 15	22 48	0 30	22 1	0 20	10 11	2 38	11 43	0 47	2 25	1 11	18 31	1 42	21 6	21 14	12 32	17 56	4 35
T 11	4 31	8 12	3 0	9 17	1 36	1 44	1 14	22 49	0 29	22 0	0 20	10 10	2 39	11 44	0 47	2 24	1 11	18 31	1 42	21 5	21 14	12 35	17 55	4 35
F 12	4 8	12 56	2 7	9 25	1 18	2 14	1 12	22 50	0 27	21 59	0 20	10 9	2 39	11 44	0 47	2 24	1 11	18 31	1 42	21 4	21 13	12 37	17 55	4 36
S 13	3 46	17 12	1 8	9 30	1 0	2 44	1 11	22 51	0 26	21 58	0 20	10 8	2 39	11 45	0 47	2 23	1 11	18 31	1 43	21 3	21 13	12 40	17 55	4 36
S 14	3 23	20 47	0 5	9 32	0 43	3 14	1 9	22 51	0 25	21 56	0 20	10 7	2 39	11 46	0 47	2 23	1 11	18 30	1 43	21 3	21 12	12 43	17 55	4 37
M15	3 0	23 32	0s58	9 30	0 27	3 44	1 8	22 52	0 24	21 55	0 19	10 6	2 39	11 47	0 47	2 22	1 11	18 30	1 43	21 3	21 11	12 46	17 54	4 37
T 16	2 38	25 16	1 59	9 25	0 11	4 14	1 6	22 53	0 23	21 54	0 19	10 5	2 40	11 47	0 47	2 21	1 11	18 30	1 43	21 3	21 11	12 49	17 54	4 37
W17	2 15	25 47	2 57	9 16	0n 4	4 44	1 5	22 53	0 21	21 53	0 19	10 3	2 40	11 48	0 47	2 21	1 11	18 29	1 43	21 3	21 10	12 51	17 54	4 38
T 18	1 52	24 59	3 47	9 4	0 18	5 14	1 3	22 53	0 20	21 52	0 19	10 2	2 40	11 49	0 47	2 20	1 11	18 29	1 43	21 3	21 10	12 54	17 53	4 38
F 19	1 29	22 47	4 27	8 49	0 31	5 44	1 1	22 53	0 19	21 51	0 19	10 1	2 40	11 50	0 47	2 19	1 11	18 29	1 43	21 2	21 9	12 57	17 53	4 38
S 20	1 6	19 14	4 53	8 30	0 43	6 13	0 59	22 53	0 18	21 50	0 19	10 0	2 40	11 50	0 47	2 19	1 11	18 29	1 43	21 0	21 9	13 0	17 52	4 39
S 21	0 43	14 29	5 3	8 8	0 55	6 43	0 57	22 53	0 16	21 49	0 19	9 58	2 40	11 51	0 47	2 18	1 11	18 28	1 43	20 59	21 8	13 3	17 52	4 39
M22	0 20	8 49	4 54	7 43	1 5	7 12	0 55	22 52	0 15	21 48	0 19	9 57	2 41	11 52	0 47	2 17	1 11	18 28	1 43	20 57	21 8	13 5	17 52	4 39
T 23	0s 3	2 31	4 25	7 15	1 14	7 41	0 53	22 52	0 14	21 47	0 19	9 56	2 41	11 52	0 47	2 17	1 11	18 28	1 43	20 55	21 7	13 8	17 51	4 40
W24	0 26	3n59	3 38	6 44	1 22	8 10	0 51	22 51	0 12	21 46	0 19	9 54	2 41	11 53	0 47	2 16	1 11	18 28	1 44	20 54	21 7	13 11	17 51	4 40
T 25	0 49	10 16	2 35	6 11	1 28	8 39	0 49	22 50	0 11	21 45	0 19	9 53	2 41	11 54	0 47	2 15	1 11	18 27	1 44	20 53	21 6	13 14	17 51	4 41
F 26	1 12	15 56	1 23	5 35	1 34	9 8	0 47	22 50	0 10	21 44	0 19	9 52	2 41	11 54	0 47	2 15	1 11	18 27	1 44	20 52	21 5	13 17	17 50	4 41
S 27	1 35	20 34	0 6	4 57	1 39	9 37	0 45	22 49	0 8	21 43	0 19	9 50	2 41	11 55	0 47	2 14	1 11	18 27	1 44	20 52	21 5	13 19	17 50	4 41
S 28	1 57	23 52	1n10	4 17	1 43	10 5	0 42	22 48	0 7	21 42	0 19	9 49	2 42	11 56	0 47	2 14	1 11	18 27	1 44	20 52	21 4	13 22	17 49	4 42
M29	2 20	25 37	2 20	3 36	1 45	10 33	0 40	22 46	0 5	21 41	0 19	9 47	2 42	11 56	0 47	2 13	1 11	18 27	1 44	20 52	21 4	13 25	17 49	4 42
T 30	2s43	25n46	3n20	2n54	1n47	11s 1	0n38	22n45	0s 4	21n40	0s19	9n46	2s42	11s57	0s47	2n12	1s11	18n26	1n44	20n52	21n 3	13s28	17n49	4s42

Julian Day Number = 2880947.5, Delta T = 01h15m34s
Ecliptic obliquity = 23°17'18, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°12'17, Lahiri = 40°19'17

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ASTRODIENST EPHEMERIS for the year 3175
geocentric

OCTOBER 3175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 38 14	7♎52'20	28♋20	28♍43	1♏48	11♋49	18♋55	2°R33	0°R30	8°R19	13♌ 8	4°R15	5♊16	12♏17	15°R20	W 1
T 2	0 42 10	8°50'42	11♌23	0♎37	3° 2	12°22	19° 2	2♉29	0♓28	8♈18	13° 9	4♊10	5°12	12°24	15♊20	T 2
F 3	0 46 7	9°49'06	24°13	2°31	4°15	12°55	19° 9	2°25	0°26	8°16	13°10	4° 4	5° 9	12°30	15°19	F 3
S 4	0 50 3	10°47'32	6♍49	4°24	5°29	13°27	19°16	2°21	0°25	8°14	13°11	3°55	5° 6	12°37	15°18	S 4
S 5	0 54 0	11°46'00	19°14	6°18	6°42	14° 0	19°22	2°17	0°23	8°13	13°12	3°46	5° 3	12°44	15°17	S 5
M 6	0 57 57	12°44'30	1♎29	8°11	7°56	14°32	19°28	2°12	0°21	8°11	13°13	3°36	5° 0	12°50	15°16	M 6
T 7	1 1 53	13°43'01	13°35	10° 4	9° 9	15° 3	19°34	2° 8	0°20	8° 9	13°14	3°27	4°56	12°57	15°15	T 7
W 8	1 5 50	14°41'35	25°33	11°56	10°22	15°35	19°40	2° 4	0°18	8° 8	13°15	3°19	4°53	13° 4	15°14	W 8
T 9	1 9 46	15°40'10	7♏24	13°47	11°36	16° 6	19°46	1°59	0°17	8° 6	13°15	3°14	4°50	13°10	15°13	T 9
F 10	1 13 43	16°38'47	19°12	15°38	12°49	16°37	19°52	1°55	0°15	8° 4	13°16	3°11	4°47	13°17	15°12	F 10
S 11	1 17 39	17°37'26	0♐58	17°27	14° 3	17° 8	19°57	1°50	0°14	8° 3	13°17	3°D 9	4°44	13°24	15°11	S 11
S 12	1 21 36	18°36'07	12°46	19°16	15°16	17°38	20° 3	1°46	0°13	8° 1	13°18	3°10	4°41	13°30	15° 9	S 12
M13	1 25 32	19°34'49	24°41	21° 4	16°30	18° 8	20° 8	1°41	0°11	8° 0	13°19	3°11	4°37	13°37	15° 8	M13
T 14	1 29 29	20°33'33	6♑47	22°51	17°43	18°38	20°13	1°37	0°10	7°58	13°19	3°13	4°34	13°44	15° 7	T 14
W15	1 33 26	21°32'18	19° 9	24°37	18°56	19° 8	20°18	1°32	0° 9	7°56	13°20	3°R14	4°31	13°50	15° 5	W15
T 16	1 37 22	22°31'06	1♒51	26°22	20°10	19°37	20°22	1°28	0° 8	7°55	13°21	3°13	4°28	13°57	15° 4	T 16
F 17	1 41 19	23°29'54	14°59	28° 6	21°23	20° 6	20°27	1°23	0° 7	7°53	13°22	3°11	4°25	14° 4	15° 2	F 17
S 18	1 45 15	24°28'45	28°36	29°50	22°36	20°34	20°31	1°18	0° 6	7°52	13°22	3° 7	4°22	14°10	15° 0	S 18
S 19	1 49 12	25°27'37	12♓41	1♏32	23°50	21° 2	20°35	1°14	0° 5	7°50	13°23	3° 2	4°18	14°17	14°59	S 19
M20	1 53 8	26°26'31	27°13	3°14	25° 3	21°30	20°39	1° 9	0° 4	7°49	13°24	2°57	4°15	14°24	14°57	M20
T 21	1 57 5	27°25'26	12♈ 7	4°54	26°16	21°58	20°43	1° 4	0° 3	7°47	13°24	2°52	4°12	14°30	14°55	T 21
W22	2 1 1	28°24'24	27°16	6°34	27°30	22°25	20°47	1° 0	0° 2	7°45	13°25	2°47	4° 9	14°37	14°53	W22
T 23	2 4 58	29°23'23	12♉28	8°13	28°43	22°52	20°50	0°55	0° 1	7°44	13°25	2°44	4° 6	14°43	14°51	T 23
F 24	2 8 55	0♏22'25	27°36	9°51	29°56	23°18	20°53	0°50	29♒59	7°42	13°26	2°D43	4° 2	14°50	14°49	F 24
S 25	2 12 51	1°21'29	12♊29	11°28	1♐ 9	23°45	20°56	0°46	29°59	7°41	13°26	2°43	3°59	14°57	14°47	S 25
S 26	2 16 48	2°20'35	27° 1	13° 5	2°22	24°10	20°59	0°41	29°58	7°39	13°27	2°44	3°56	15° 3	14°45	S 26
M27	2 20 44	3°19'43	11♋10	14°40	3°36	24°36	21° 2	0°36	29°58	7°38	13°27	2°46	3°53	15°10	14°43	M27
T 28	2 24 41	4°18'53	24°54	16°15	4°49	25° 1	21° 4	0°32	29°57	7°37	13°28	2°47	3°50	15°17	14°41	T 28
W29	2 28 37	5°18'06	8♌14	17°50	6° 2	25°25	21° 7	0°27	29°57	7°35	13°28	2°R47	3°47	15°23	14°39	W29
T 30	2 32 34	6°17'21	21°13	19°23	7°15	25°50	21° 9	0°22	29°56	7°34	13°29	2°46	3°43	15°30	14°37	T 30
F 31	2 36 30	7♏16'38	3♍54	20♏56	8♐28	26♋13	21♋11	0♉18	29♒56	7♈32	13♌29	2♊44	3♊40	15♏37	14♊34	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3 s 6	24n25	4n 8	2n10	1n48	11 s28	0n35	22n44	0 s 2	21n39	0 s19	9n45	2 s42	11 s58	0 s47	2n12	1 s11	18n26	1n44	20n52	21n 3	13 s30	17n48	4 s43
T 2	3 29	21 46	4 42	1 25	1 49	11 56	0 33	22 42	0 1	21 38	0 19	9 43	2 42	11 58	0 47	2 11	1 11	18 26	1 44	20 51	21 2	13 33	17 48	4 43
F 3	3 52	18 6	5 1	0 40	1 48	12 23	0 30	22 40	0n 0	21 37	0 19	9 42	2 42	11 59	0 47	2 10	1 11	18 26	1 44	20 50	21 1	13 36	17 47	4 44
S 4	4 15	13 41	5 6	0 s 6	1 47	12 50	0 28	22 39	0 2	21 37	0 19	9 40	2 42	11 59	0 47	2 10	1 11	18 26	1 45	20 48	21 1	13 39	17 47	4 44
S 5	4 37	8 46	4 55	0 53	1 45	13 16	0 25	22 37	0 3	21 36	0 18	9 38	2 43	12 0	0 47	2 9	1 11	18 25	1 45	20 46	21 0	13 42	17 46	4 44
M 6	5 0	3 34	4 31	1 39	1 43	13 42	0 23	22 35	0 5	21 35	0 18	9 37	2 43	12 0	0 47	2 8	1 11	18 25	1 45	20 44	21 0	13 44	17 46	4 45
T 7	5 23	1 s43	3 55	2 26	1 40	14 8	0 20	22 33	0 7	21 34	0 18	9 35	2 43	12 1	0 47	2 8	1 11	18 25	1 45	20 43	20 59	13 47	17 45	4 45
W 8	5 45	6 53	3 9	3 13	1 36	14 34	0 17	22 31	0 8	21 33	0 18	9 34	2 43	12 1	0 47	2 7	1 11	18 25	1 45	20 41	20 59	13 50	17 45	4 45
T 9	6 8	11 46	2 15	3 59	1 32	14 59	0 15	22 29	0 10	21 32	0 18	9 32	2 43	12 2	0 47	2 6	1 11	18 25	1 45	20 40	20 58	13 53	17 44	4 46
F 10	6 30	16 13	1 15	4 45	1 28	15 24	0 12	22 27	0 11	21 32	0 18	9 31	2 43	12 2	0 47	2 6	1 11	18 25	1 45	20 40	20 57	13 55	17 44	4 46
S 11	6 52	20 2	0 12	5 32	1 23	15 48	0 9	22 25	0 13	21 31	0 18	9 29	2 43	12 3	0 47	2 5	1 11	18 24	1 45	20 39	20 57	13 58	17 44	4 46
S 12	7 15	23 3	0 s52	6 17	1 18	16 13	0 6	22 22	0 15	21 30	0 18	9 27	2 43	12 3	0 47	2 4	1 11	18 24	1 45	20 39	20 56	14 1	17 43	4 47
M13	7 37	25 5	1 54	7 3	1 13	16 36	0 4	22 20	0 16	21 30	0 18	9 26	2 43	12 4	0 47	2 4	1 11	18 24	1 45	20 40	20 56	14 4	17 43	4 47
T 14	7 59	25 59	2 52	7 47	1 7	17 0	0 1	22 18	0 18	21 29	0 18	9 24	2 43	12 4	0 46	2 3	1 11	18 24	1 46	20 40	20 55	14 6	17 42	4 47
W15	8 21	25 38	3 44	8 32	1 1	17 23	0 s 2	22 15	0 20	21 28	0 18	9 23	2 43	12 4	0 46	2 3	1 11	18 24	1 46	20 40	20 55	14 9	17 42	4 48
T 16	8 43	23 57	4 26	9 15	0 55	17 45	0 5	22 13	0 21	21 28	0 18	9 21	2 43	12 5	0 46	2 2	1 11	18 24	1 46	20 40	20 54	14 12	17 41	4 48
F 17	9 4	20 57	4 56	9 58	0 49	18 7	0 8	22 10	0 23	21 27	0 18	9 19	2 44	12 5	0 46	2 1	1 11	18 24	1 46	20 40	20 53	14 15	17 41	4 48
S 18	9 26	16 44	5 10	10 40	0 43	18 29	0 11	22 8	0 25	21 26	0 18	9 18	2 44	12 6	0 46	2 1	1 11	18 24	1 46	20 39	20 53	14 17	17 40	4 49
S 19	9 47	11 29	5 7	11 22	0 36	18 50	0 14	22 5	0 27	21 26	0 18	9 16	2 44	12 6	0 46	2 0	1 11	18 24	1 46	20 38	20 52	14 20	17 40	4 49
M20	10 8	5 27	4 44	12 3	0 29	19 10	0 16	22 3	0 28	21 25	0 18	9 14	2 44	12 6	0 46	1 59	1 11	18 24	1 46	20 37	20 52	14 23	17 39	4 49
T 21	10 30	1n 3	4 2	12 43	0 23	19 31	0 19	22 0	0 30	21 25	0 18	9 13	2 44	12 7	0 46	1 59	1 11	18 23	1 46	20 36	20 51	14 26	17 39	4 50
W22	10 50	7 36	3 2	13 22	0 16	19 50	0 22	21 58	0 32	21 24	0 18	9 11	2 44	12 7	0 46	1 58	1 11	18 23	1 46	20 35	20 51	14 28	17 38	4 50
T 23	11 11	13 46	1 49	14 1	0 9	20 9	0 25	21 55	0 34	21 24	0 17	9 10	2 44	12 7	0 46	1 58	1 11	18 23	1 47	20 35	20 50	14 31	17 38	4 50
F 24	11 32	19 3	0 28	14 39	0 2	20 28	0 28	21 53	0 36	21 23	0 17	9 8	2 44	12 7	0 46	1 57	1 11	18 23	1 47	20 34	20 49	14 34	17 37	4 51
S 25	11 52	23 2	0n53	15 16	0 s 5	20 46	0 31	21 50	0 38	21 23	0 17	9 6	2 44	12 8	0 46	1 57	1 11	18 23	1 47	20 34	20 49	14 36	17 37	4 51
S 26	12 13	25 25	2 9	15 52	0 12	21 4	0 34	21 47	0 40	21 23	0 17	9 5	2 44	12 8	0 46	1 56	1 11	18 23	1 47	20 35	20 48	14 39	17 36	4 51
M27	12 33	26 4	3 15	16 27	0 19	21 21	0 37	21 45	0 41	21 22	0 17	9 3	2 44	12 8	0 46	1 55	1 11	18 23	1 47	20 35	20 48	14 42	17 36	4 51
T 28	12 53	25 5	4 8	17 1	0 26	21 37	0 40	21 42	0 43	21 22	0 17	9 2	2 44	12 8	0 46	1 55	1 11	18 23	1 47	20 35	20 47	14 45	17 35	4 52
W29	13 12	22 42	4 46	17 34	0 33	21 53	0 43	21 40	0 45	21 22	0 17	9 0	2 44	12 8	0 46	1 54	1 11	18 23	1 47	20 35	20 46	14 47	17 34	4 52
T 30	13 32	19 12	5 8	18 7	0 40	22 8	0 46	21 37	0 47	21 21	0 17	8 58	2 44	12 9	0 46	1 54	1 11	18 23	1 47	20 35	20 46	14 50	17 34	4 52
F 31	13 s51	14n54	5n14	18 s38	0 s47	22 s23	0 s49	21n35	0n49	21n21	0 s17	8n57	2 s44	12 s 9	0 s46	1n53	1 s11	18n23	1n47	20n35	20n45	14 s53	17n33	4 s53

Julian Day Number = 2880977.5, Delta T = 01h15m35s
Ecliptic obliquity = 23°17'18, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°12'21, Lahiri = 40°19'22

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ASTRODIENST EPHEMERIS for the year 3175
geocentric

NOVEMBER 3175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 40 27	8♏15'58	16♍19	22♏28	9♐41	26♋37	21♋12	0°R13	29°R55	7°R31	13♌29	2°R41	3♊37	15♏43	14°R32	S 1
S 2	2 44 24	9°15'19	28°32	23°59	10°54	27° 0	21°14	0♉ 8	29♒55	7♈30	13°30	2♊37	3°34	15°50	14♊30	S 2
M 3	2 48 20	10°14'43	10♎35	25°30	12° 7	27°22	21°15	0° 4	29°54	7°28	13°30	2°33	3°31	15°57	14°27	M 3
T 4	2 52 17	11°14'09	22°31	27° 0	13°20	27°44	21°16	29♈59	29°54	7°27	13°30	2°30	3°28	16° 3	14°25	T 4
W 5	2 56 13	12°13'37	4♏22	28°29	14°33	28° 6	21°17	29°55	29°54	7°26	13°31	2°27	3°24	16°10	14°22	W 5
T 6	3 0 10	13°13'07	16°10	29°58	15°47	28°27	21°18	29°50	29°54	7°24	13°31	2°25	3°21	16°17	14°20	T 6
F 7	3 4 6	14°12'39	27°57	1♑26	17° 0	28°47	21°18	29°46	29°54	7°23	13°31	2°D24	3°18	16°23	14°17	F 7
S 8	3 8 3	15°12'12	9♑46	2°53	18°13	29° 7	21°19	29°41	29°53	7°22	13°31	2°24	3°15	16°30	14°15	S 8
S 9	3 11 59	16°11'48	21°38	4°20	19°25	29°27	21°R19	29°37	29°D53	7°21	13°31	2°25	3°12	16°37	14°12	S 9
M10	3 15 56	17°11'26	3♑37	5°46	20°38	29°46	21°19	29°32	29°53	7°20	13°31	2°26	3° 8	16°43	14° 9	M10
T 11	3 19 53	18°11'05	15°47	7°11	21°51	0♌ 5	21°18	29°28	29°54	7°18	13°31	2°28	3° 5	16°50	14° 7	T 11
W12	3 23 49	19°10'46	28°10	8°35	23° 4	0°23	21°18	29°24	29°54	7°17	13°32	2°29	3° 2	16°57	14° 4	W12
T 13	3 27 46	20°10'29	10♒51	9°58	24°17	0°40	21°17	29°19	29°54	7°16	13°32	2°30	2°59	17° 3	14° 1	T 13
F 14	3 31 42	21°10'13	23°54	11°21	25°30	0°57	21°16	29°15	29°54	7°15	13°R32	2°R30	2°56	17°10	13°58	F 14
S 15	3 35 39	22° 9'59	7♓21	12°42	26°43	1°13	21°15	29°11	29°54	7°14	13°32	2°29	2°53	17°16	13°55	S 15
S 16	3 39 35	23° 9'46	21°15	14° 3	27°56	1°29	21°14	29° 7	29°55	7°13	13°32	2°29	2°49	17°23	13°53	S 16
M17	3 43 32	24° 9'35	5♈35	15°22	29° 8	1°44	21°12	29° 3	29°55	7°12	13°32	2°28	2°46	17°30	13°50	M17
T 18	3 47 28	25° 9'26	20°18	16°41	0♑21	1°59	21°11	28°59	29°55	7°11	13°31	2°27	2°43	17°36	13°47	T 18
W19	3 51 25	26° 9'18	5♉20	17°58	1°34	2°12	21° 9	28°55	29°56	7°10	13°31	2°26	2°40	17°43	13°44	W19
T 20	3 55 22	27° 9'13	20°31	19°13	2°46	2°26	21° 7	28°51	29°56	7° 9	13°31	2°26	2°37	17°50	13°41	T 20
F 21	3 59 18	28° 9'09	5♊44	20°27	3°59	2°38	21° 4	28°47	29°57	7° 8	13°31	2°D26	2°33	17°56	13°38	F 21
S 22	4 3 15	29° 9'07	20°48	21°40	5°12	2°50	21° 2	28°44	29°58	7° 7	13°31	2°26	2°30	18° 3	13°35	S 22
S 23	4 7 11	0♐ 9'07	5♋34	22°51	6°24	3° 2	20°59	28°40	29°58	7° 6	13°31	2°26	2°27	18°10	13°32	S 23
M24	4 11 8	1° 9'09	19°57	23°59	7°37	3°12	20°56	28°37	29°59	7° 6	13°30	2°26	2°24	18°16	13°29	M24
T 25	4 15 4	2° 9'13	3♌53	25° 6	8°49	3°22	20°53	28°33	29°59	7° 5	13°30	2°R26	2°21	18°23	13°26	T 25
W26	4 19 1	3° 9'18	17°22	26°10	10° 2	3°32	20°50	28°30	0♓ 1	7° 4	13°30	2°26	2°18	18°30	13°23	W26
T 27	4 22 57	4° 9'26	0♍25	27°11	11°14	3°40	20°46	28°26	0° 2	7° 3	13°30	2°D26	2°14	18°36	13°19	T 27
F 28	4 26 54	5° 9'36	13° 5	28° 8	12°27	3°48	20°43	28°23	0° 2	7° 3	13°29	2°26	2°11	18°43	13°16	F 28
S 29	4 30 51	6° 9'48	25°27	29° 2	13°39	3°55	20°39	28°20	0° 3	7° 2	13°29	2°26	2° 8	18°50	13°13	S 29
S 30	4 34 47	7♐10'02	7♎34	29♑53	14♑52	4♌ 1	20♋35	28♈17	0♓ 4	7♈ 1	13♌28	2♊27	2♊ 5	18♏56	13♊10	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s10	10n 4	5n 5	19s 9	0s54	22s37	0s52	21n33	0n52	21n21	0s17	8n55	2s44	12s 9	0s46	1n53	1s11	18n23	1n48	20n34	20n45	14s55	17n33	4s53
S 2	14 29	4 55	4 43	19 38	1 1	22 50	0 54	21 30	0 54	21 21	0 17	8 54	2 43	12 9	0 46	1 52	1 11	18 23	1 48	20 33	20 44	14 58	17 32	4 53
M 3	14 48	0s21	4 8	20 7	1 8	23 3	0 57	21 28	0 56	21 21	0 17	8 52	2 43	12 9	0 46	1 52	1 11	18 23	1 48	20 32	20 43	15 1	17 32	4 53
T 4	15 6	5 34	3 23	20 34	1 14	23 15	1 0	21 26	0 58	21 21	0 17	8 51	2 43	12 9	0 46	1 51	1 11	18 23	1 48	20 32	20 43	15 4	17 31	4 54
W 5	15 25	10 33	2 29	21 1	1 21	23 27	1 3	21 24	1 0	21 21	0 17	8 49	2 43	12 9	0 46	1 51	1 11	18 23	1 48	20 31	20 42	15 6	17 31	4 54
T 6	15 42	15 9	1 29	21 26	1 27	23 37	1 6	21 21	1 2	21 21	0 17	8 48	2 43	12 9	0 46	1 50	1 11	18 23	1 48	20 31	20 42	15 9	17 30	4 54
F 7	16 0	19 11	0 25	21 51	1 34	23 48	1 8	21 19	1 4	21 20	0 17	8 46	2 43	12 9	0 46	1 50	1 11	18 23	1 48	20 31	20 41	15 12	17 30	4 54
S 8	16 18	22 27	0s41	22 14	1 40	23 57	1 11	21 18	1 7	21 21	0 16	8 45	2 43	12 9	0 46	1 49	1 11	18 23	1 48	20 31	20 40	15 14	17 29	4 55
S 9	16 35	24 46	1 45	22 36	1 46	24 6	1 14	21 16	1 9	21 21	0 16	8 43	2 43	12 9	0 46	1 49	1 11	18 23	1 48	20 31	20 40	15 17	17 29	4 55
M10	16 52	25 59	2 45	22 58	1 51	24 14	1 17	21 14	1 11	21 21	0 16	8 42	2 43	12 9	0 46	1 48	1 11	18 24	1 49	20 31	20 39	15 20	17 28	4 55
T 11	17 8	25 58	3 38	23 18	1 57	24 22	1 19	21 12	1 14	21 21	0 16	8 40	2 43	12 9	0 46	1 48	1 11	18 24	1 49	20 31	20 39	15 22	17 28	4 55
W12	17 25	24 41	4 22	23 37	2 3	24 28	1 22	21 11	1 16	21 21	0 16	8 39	2 43	12 9	0 46	1 47	1 11	18 24	1 49	20 32	20 38	15 25	17 27	4 56
T 13	17 41	22 8	4 55	23 55	2 8	24 34	1 24	21 9	1 18	21 21	0 16	8 38	2 43	12 9	0 45	1 47	1 11	18 24	1 49	20 32	20 37	15 28	17 26	4 56
F 14	17 56	18 24	5 14	24 11	2 13	24 40	1 27	21 8	1 21	21 21	0 16	8 36	2 42	12 9	0 45	1 47	1 11	18 24	1 49	20 32	20 37	15 30	17 26	4 56
S 15	18 12	13 39	5 16	24 27	2 17	24 44	1 30	21 7	1 23	21 22	0 16	8 35	2 42	12 9	0 45	1 46	1 11	18 24	1 49	20 32	20 36	15 33	17 25	4 56
S 16	18 27	8 3	5 1	24 41	2 22	24 48	1 32	21 6	1 26	21 22	0 16	8 34	2 42	12 8	0 45	1 46	1 11	18 24	1 49	20 31	20 36	15 36	17 25	4 56
M17	18 42	1 53	4 26	24 55	2 26	24 51	1 34	21 5	1 28	21 22	0 16	8 32	2 42	12 8	0 45	1 46	1 11	18 24	1 49	20 31	20 35	15 38	17 24	4 57
T 18	18 56	4n35	3 33	25 7	2 30	24 54	1 37	21 4	1 31	21 22	0 16	8 31	2 42	12 8	0 45	1 45	1 11	18 24	1 49	20 31	20 34	15 41	17 24	4 57
W19	19 10	10 56	2 25	25 17	2 33	24 56	1 39	21 3	1 33	21 23	0 16	8 30	2 42	12 8	0 45	1 45	1 10	18 25	1 50	20 31	20 34	15 44	17 23	4 57
T 20	19 24	16 43	1 6	25 27	2 36	24 57	1 41	21 3	1 36	21 23	0 16	8 29	2 42	12 8	0 45	1 44	1 10	18 25	1 50	20 31	20 33	15 46	17 23	4 57
F 21	19 37	21 26	0n18	25 35	2 39	24 57	1 43	21 2	1 38	21 24	0 15	8 27	2 41	12 7	0 45	1 44	1 10	18 25	1 50	20 31	20 32	15 49	17 22	4 57
S 22	19 51	24 38	1 40	25 43	2 41	24 57	1 46	21 2	1 41	21 24	0 15	8 26	2 41	12 7	0 45	1 44	1 10	18 25	1 50	20 31	20 32	15 52	17 22	4 58
S 23	20 3	26 4	2 54	25 49	2 43	24 56	1 48	21 2	1 44	21 25	0 15	8 25	2 41	12 7	0 45	1 43	1 10	18 25	1 50	20 31	20 31	15 54	17 21	4 58
M24	20 16	25 41	3 55	25 53	2 44	24 54	1 50	21 2	1 46	21 25	0 15	8 24	2 41	12 7	0 45	1 43	1 10	18 25	1 50	20 31	20 31	15 57	17 21	4 58
T 25	20 28	23 41	4 39	25 57	2 45	24 51	1 52	21 3	1 49	21 26	0 15	8 23	2 41	12 6	0 45	1 43	1 10	18 25	1 50	20 31	20 30	16 0	17 20	4 58
W26	20 39	20 24	5 7	25 59	2 45	24 48	1 54	21 3	1 52	21 26	0 15	8 22	2 41	12 6	0 45	1 43	1 10	18 26	1 50	20 31	20 29	16 2	17 20	4 58
T 27	20 51	16 13	5 18	26 0	2 45	24 44	1 55	21 4	1 54	21 27	0 15	8 21	2 40	12 6	0 45	1 42	1 10	18 26	1 50	20 31	20 29	16 5	17 19	4 58
F 28	21 2	11 25	5 13	26 0	2 43	24 39	1 57	21 5	1 57	21 28	0 15	8 20	2 40	12 5	0 45	1 42	1 10	18 26	1 51	20 31	20 28	16 8	17 19	4 58
S 29	21 12	6 17	4 53	25 58	2 41	24 34	1 59	21 6	2 0	21 28	0 15	8 19	2 40	12 5	0 45	1 42	1 10	18 26	1 51	20 31	20 27	16 10	17 18	4 59
S 30	21s22	1n 1	4n20	25s56	2s39	24s28	2s 1	21n 7	2n 3	21n29	0s15	8n18	2s40	12s 5	0s45	1n42	1s10	18n26	1n51	20n31	20n27	16s13	17n18	4s59

Julian Day Number = 2881008.5, Delta T = 01h15m35s
Ecliptic obliquity = 23°17'18, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°12'25, Lahiri = 40°19'26

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ASTRODIENST EPHEMERIS for the year 3175
geocentric

DECEMBER 3175 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 38 44	8♐10'18	19♎30	0♑38	16♑ 4	4♌ 7	20°R31	28°R14	0♓ 6	7°R 1	13°R28	2♊27	2♊ 2	19♏ 3	13°R 7	M 1
T 2	4 42 40	9°10'35	1♏21	1°19	17°16	4°12	20♋26	28♈11	0° 7	7♈ 0	13♌28	2°28	1°59	19°10	13♊ 4	T 2
W 3	4 46 37	10°10'55	13° 8	1°54	18°28	4°16	20°22	28° 8	0° 8	7° 0	13°27	2°29	1°55	19°16	13° 1	W 3
T 4	4 50 33	11°11'16	24°55	2°22	19°41	4°19	20°17	28° 5	0° 9	6°59	13°27	2°29	1°52	19°23	12°57	T 4
F 5	4 54 30	12°11'39	6♐45	2°44	20°53	4°21	20°12	28° 2	0°10	6°59	13°26	2°R29	1°49	19°29	12°54	F 5
S 6	4 58 26	13°12'04	18°40	2°57	22° 5	4°23	20° 7	28° 0	0°12	6°58	13°26	2°29	1°46	19°36	12°51	S 6
S 7	5 2 23	14°12'30	0♑42	3°R 3	23°17	4°R23	20° 2	27°57	0°13	6°58	13°25	2°28	1°43	19°43	12°48	S 7
M 8	5 6 20	15°12'58	12°53	2°59	24°29	4°23	19°56	27°55	0°15	6°57	13°25	2°26	1°39	19°49	12°45	M 8
T 9	5 10 16	16°13'27	25°14	2°45	25°41	4°22	19°51	27°52	0°16	6°57	13°24	2°24	1°36	19°56	12°42	T 9
W10	5 14 13	17°13'57	7♒47	2°20	26°53	4°20	19°45	27°50	0°18	6°57	13°23	2°22	1°33	20° 3	12°38	W10
T 11	5 18 9	18°14'29	20°35	1°45	28° 5	4°18	19°39	27°48	0°19	6°56	13°23	2°20	1°30	20° 9	12°35	T 11
F 12	5 22 6	19°15'02	3♓39	1° 0	29°17	4°14	19°33	27°46	0°21	6°56	13°22	2°19	1°27	20°16	12°32	F 12
S 13	5 26 2	20°15'35	17° 1	0° 4	0♒28	4°10	19°27	27°44	0°22	6°56	13°21	2°D18	1°24	20°23	12°29	S 13
S 14	5 29 59	21°16'10	0♈44	28♐59	1°40	4° 4	19°20	27°42	0°24	6°56	13°21	2°18	1°20	20°29	12°26	S 14
M15	5 33 55	22°16'46	14°47	27°47	2°52	3°58	19°14	27°40	0°26	6°56	13°20	2°19	1°17	20°36	12°23	M15
T 16	5 37 52	23°17'23	29°11	26°28	4° 3	3°51	19° 7	27°39	0°28	6°56	13°19	2°20	1°14	20°43	12°20	T 16
W17	5 41 49	24°18'01	13♉52	25° 6	5°15	3°43	19° 1	27°37	0°29	6°56	13°18	2°22	1°11	20°49	12°17	W17
T 18	5 45 45	25°18'41	28°45	23°44	6°26	3°34	18°54	27°36	0°31	6°55	13°18	2°R22	1° 8	20°56	12°13	T 18
F 19	5 49 42	26°19'21	13♊45	22°24	7°37	3°25	18°47	27°34	0°33	6°D55	13°17	2°22	1° 5	21° 3	12°10	F 19
S 20	5 53 38	27°20'03	28°42	21° 8	8°49	3°14	18°40	27°33	0°35	6°55	13°16	2°21	1° 1	21° 9	12° 7	S 20
S 21	5 57 35	28°20'46	13♋28	20° 0	10° 0	3° 3	18°33	27°32	0°37	6°56	13°15	2°18	0°58	21°16	12° 4	S 21
M22	6 1 31	29°21'30	27°56	19° 0	11°11	2°51	18°25	27°31	0°39	6°56	13°14	2°14	0°55	21°22	12° 1	M22
T 23	6 5 28	0♑22'15	12♌ 0	18°11	12°22	2°38	18°18	27°30	0°41	6°56	13°13	2° 9	0°52	21°29	11°58	T 23
W24	6 9 25	1°23'02	25°38	17°33	13°33	2°24	18°11	27°29	0°44	6°56	13°12	2° 5	0°49	21°36	11°55	W24
T 25	6 13 21	2°23'50	8♍48	17° 7	14°44	2°10	18° 3	27°29	0°46	6°56	13°12	2° 2	0°46	21°42	11°53	T 25
F 26	6 17 18	3°24'39	21°34	16°52	15°55	1°54	17°55	27°28	0°48	6°56	13°11	2° 0	0°42	21°49	11°50	F 26
S 27	6 21 14	4°25'30	3♎58	16°D48	17° 5	1°38	17°48	27°27	0°50	6°57	13°10	1°D59	0°39	21°56	11°47	S 27
S 28	6 25 11	5°26'21	16° 5	16°54	18°16	1°21	17°40	27°27	0°52	6°57	13° 9	2° 0	0°36	22° 2	11°44	S 28
M29	6 29 7	6°27'14	28° 0	17°10	19°26	1° 4	17°32	27°27	0°55	6°57	13° 8	2° 1	0°33	22° 9	11°41	M29
T 30	6 33 4	7°28'09	9♏48	17°34	20°37	0°46	17°24	27°27	0°57	6°58	13° 7	2° 3	0°30	22°16	11°38	T 30
W31	6 37 0	8♑29'04	21♏35	18♐ 6	21♒47	0♌27	17♋16	27°D27	1♓ 0	6♈58	13♌ 6	2♊ 4	0♊26	22♏22	11♊36	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s32	4s14	3n37	25s52	2s35	24s21	2s 2	21n 9	2n 6	21n30	0s15	8n17	2s40	12s 4	0s45	1n41	1s10	18n27	1n51	20n31	20n26	16s15	17n17	4s59
T 2	21 41	9 17	2 45	25 47	2 30	24 13	2 4	21 10	2 9	21 30	0 14	8 16	2 40	12 4	0 45	1 41	1 10	18 27	1 51	20 31	20 26	16 18	17 17	4 59
W 3	21 50	14 0	1 46	25 41	2 24	24 5	2 5	21 12	2 12	21 31	0 14	8 15	2 39	12 3	0 45	1 41	1 10	18 27	1 51	20 32	20 25	16 21	17 16	4 59
T 4	21 59	18 12	0 42	25 33	2 17	23 56	2 6	21 14	2 14	21 32	0 14	8 15	2 39	12 3	0 45	1 41	1 10	18 27	1 51	20 32	20 24	16 23	17 16	4 59
F 5	22 7	21 41	0s24	25 25	2 9	23 47	2 8	21 16	2 17	21 33	0 14	8 14	2 39	12 2	0 45	1 41	1 10	18 28	1 51	20 32	20 24	16 26	17 15	4 59
S 6	22 14	24 17	1 29	25 15	2 0	23 37	2 9	21 19	2 20	21 34	0 14	8 13	2 39	12 2	0 45	1 41	1 10	18 28	1 51	20 32	20 23	16 29	17 15	4 59
S 7	22 22	25 47	2 30	25 4	1 49	23 26	2 10	21 22	2 23	21 34	0 14	8 13	2 38	12 1	0 45	1 40	1 10	18 28	1 51	20 31	20 22	16 31	17 14	4 59
M 8	22 28	26 5	3 26	24 52	1 37	23 14	2 11	21 25	2 26	21 35	0 14	8 12	2 38	12 1	0 45	1 40	1 10	18 28	1 52	20 31	20 22	16 34	17 14	4 59
T 9	22 35	25 5	4 12	24 38	1 23	23 2	2 12	21 28	2 29	21 36	0 14	8 11	2 38	12 0	0 45	1 40	1 10	18 29	1 52	20 31	20 21	16 36	17 13	4 59
W10	22 41	22 50	4 48	24 24	1 7	22 49	2 13	21 31	2 32	21 37	0 14	8 11	2 38	12 0	0 45	1 40	1 10	18 29	1 52	20 30	20 21	16 39	17 13	5 0
T 11	22 46	19 26	5 10	24 7	0 51	22 35	2 13	21 35	2 35	21 38	0 14	8 10	2 38	11 59	0 44	1 40	1 10	18 29	1 52	20 30	20 20	16 42	17 13	5 0
F 12	22 51	15 1	5 16	23 50	0 33	22 21	2 14	21 39	2 38	21 39	0 13	8 10	2 37	11 58	0 44	1 40	1 10	18 30	1 52	20 30	20 19	16 44	17 12	5 0
S 13	22 56	9 47	5 6	23 31	0 14	22 7	2 14	21 43	2 42	21 40	0 13	8 9	2 37	11 58	0 44	1 40	1 10	18 30	1 52	20 29	20 19	16 47	17 12	5 0
S 14	23 0	3 58	4 38	23 11	0n 6	21 51	2 15	21 47	2 45	21 41	0 13	8 9	2 37	11 57	0 44	1 40	1 10	18 30	1 52	20 29	20 18	16 49	17 11	5 0
M15	23 4	2n12	3 53	22 50	0 26	21 35	2 15	21 51	2 48	21 42	0 13	8 8	2 37	11 57	0 44	1 40	1 10	18 30	1 52	20 30	20 17	16 52	17 11	5 0
T 16	23 7	8 25	2 53	22 28	0 47	21 19	2 15	21 56	2 51	21 43	0 13	8 8	2 36	11 56	0 44	1 40	1 10	18 31	1 52	20 30	20 17	16 54	17 10	5 0
W17	23 10	14 18	1 40	22 5	1 7	21 2	2 16	22 1	2 54	21 44	0 13	8 8	2 36	11 55	0 44	1 40	1 10	18 31	1 53	20 30	20 16	16 57	17 10	5 0
T 18	23 12	19 26	0 20	21 43	1 25	20 44	2 16	22 6	2 57	21 45	0 13	8 7	2 36	11 55	0 44	1 40	1 10	18 31	1 53	20 30	20 15	17 0	17 10	5 0
F 19	23 14	23 20	1n 2	21 22	1 43	20 26	2 16	22 11	3 0	21 46	0 13	8 7	2 36	11 54	0 44	1 40	1 10	18 32	1 53	20 30	20 15	17 2	17 9	5 0
S 20	23 16	25 37	2 20	21 2	1 58	20 7	2 15	22 16	3 3	21 47	0 13	8 7	2 35	11 53	0 44	1 40	1 10	18 32	1 53	20 30	20 14	17 5	17 9	5 0
S 21	23 17	26 3	3 27	20 43	2 12	19 48	2 15	22 22	3 6	21 49	0 12	8 7	2 35	11 52	0 44	1 40	1 10	18 32	1 53	20 29	20 13	17 7	17 9	5 0
M22	23 17	24 41	4 20	20 28	2 23	19 28	2 15	22 28	3 9	21 50	0 12	8 7	2 35	11 52	0 44	1 40	1 10	18 33	1 53	20 29	20 13	17 10	17 8	5 0
T 23	23 17	21 48	4 55	20 15	2 32	19 8	2 14	22 34	3 12	21 51	0 12	8 7	2 35	11 51	0 44	1 40	1 9	18 33	1 53	20 28	20 12	17 12	17 8	5 0
W24	23 17	17 47	5 12	20 5	2 39	18 47	2 14	22 40	3 15	21 52	0 12	8 7	2 34	11 50	0 44	1 40	1 9	18 33	1 53	20 27	20 11	17 15	17 7	5 0
T 25	23 16	13 2	5 11	19 58	2 43	18 26	2 13	22 46	3 18	21 53	0 12	8 7	2 34	11 49	0 44	1 40	1 9	18 34	1 53	20 26	20 11	17 18	17 7	5 0
F 26	23 15	7 51	4 56	19 54	2 46	18 4	2 12	22 52	3 20	21 54	0 12	8 7	2 34	11 48	0 44	1 40	1 9	18 34	1 53	20 26	20 10	17 20	17 7	5 0
S 27	23 13	2 31	4 26	19 53	2 46	17 42	2 11	22 58	3 23	21 55	0 12	8 7	2 34	11 48	0 44	1 41	1 9	18 35	1 54	20 26	20 10	17 23	17 7	5 0
S 28	23 11	2s49	3 46	19 54	2 46	17 20	2 10	23 5	3 26	21 56	0 12	8 7	2 33	11 47	0 44	1 41	1 9	18 35	1 54	20 26	20 9	17 25	17 6	4 59
M29	23 8	7 57	2 56	19 58	2 44	16 57	2 9	23 11	3 29	21 58	0 11	8 7	2 33	11 46	0 44	1 41	1 9	18 35	1 54	20 26	20 8	17 28	17 6	4 59
T 30	23 5	12 47	1 59	20 3	2 40	16 33	2 8	23 18	3 31	21 59	0 11	8 7	2 33	11 45	0 44	1 41	1 9	18 36	1 54	20 26	20 8	17 30	17 6	4 59
W31	23s 1	17s 7	0n57	20s10	2n36	16s 9	2s 7	23n24	3n34	22n 0	0s11	8n 7	2s33	11s44	0s44	1n41	1s 9	18n36	1n54	20n27	20n 7	17s33	17n 5	4s59

Julian Day Number = 2881038.5, Delta T = 01h15m36s
Ecliptic obliquity = 23°17'18, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°12'30, Lahiri = 40°19'30

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ASTRODIENST EPHEMERIS for the year 3176
geocentric

JANUARY 3176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 40 57	9♑30'00	3♐23	18♐45	22♒57	0°R 7	17°R 8	27♈27	1♓ 2	6♈59	13°R 5	2°R 5	0♊23	22♏29	11°R33	T 1
F 2	6 44 54	10°30'58	15°18	19°31	24° 7	29♋47	17♋ 0	27°27	1° 5	6°59	13♌ 3	2♊ 4	0°20	22°36	11♊30	F 2
S 3	6 48 50	11°31'56	27°22	20°22	25°17	29°26	16°52	27°27	1° 7	7° 0	13° 2	2° 1	0°17	22°42	11°28	S 3
S 4	6 52 47	12°32'56	9♑36	21°18	26°27	29° 5	16°44	27°27	1°10	7° 0	13° 1	1°56	0°14	22°49	11°25	S 4
M 5	6 56 43	13°33'56	22° 3	22°18	27°37	28°44	16°36	27°28	1°12	7° 1	13° 0	1°49	0°11	22°56	11°22	M 5
T 6	7 0 40	14°34'56	4♒43	23°21	28°46	28°22	16°28	27°29	1°15	7° 1	12°59	1°41	0° 7	23° 2	11°20	T 6
W 7	7 4 36	15°35'57	17°35	24°28	29°56	27°59	16°19	27°29	1°18	7° 2	12°58	1°33	0° 4	23° 9	11°17	W 7
T 8	7 8 33	16°36'59	0♓40	25°38	1♓ 5	27°36	16°11	27°30	1°20	7° 3	12°57	1°25	0° 1	23°15	11°15	T 8
F 9	7 12 29	17°38'01	13°57	26°51	2°14	27°13	16° 3	27°31	1°23	7° 3	12°56	1°19	29♉58	23°22	11°12	F 9
S 10	7 16 26	18°39'03	27°27	28° 5	3°23	26°50	15°55	27°32	1°26	7° 4	12°55	1°15	29°55	23°29	11°10	S 10
S 11	7 20 23	19°40'06	11♈ 8	29°22	4°32	26°27	15°47	27°33	1°29	7° 5	12°53	1°13	29°52	23°35	11° 8	S 11
M12	7 24 19	20°41'08	25° 3	0♑40	5°41	26° 3	15°39	27°34	1°31	7° 6	12°52	1°D12	29°48	23°42	11° 6	M12
T 13	7 28 16	21°42'11	9♉ 9	1°59	6°49	25°39	15°31	27°36	1°34	7° 6	12°51	1°13	29°45	23°49	11° 3	T 13
W14	7 32 12	22°43'14	23°27	3°20	7°58	25°15	15°23	27°37	1°37	7° 7	12°50	1°14	29°42	23°55	11° 1	W14
T 15	7 36 9	23°44'17	7♊55	4°43	9° 6	24°52	15°15	27°39	1°40	7° 8	12°49	1°R14	29°39	24° 2	10°59	T 15
F 16	7 40 5	24°45'20	22°29	6° 6	10°14	24°28	15° 7	27°41	1°43	7° 9	12°47	1°12	29°36	24° 9	10°57	F 16
S 17	7 44 2	25°46'24	7♋ 3	7°30	11°22	24° 5	14°59	27°42	1°46	7°10	12°46	1° 8	29°32	24°15	10°55	S 17
S 18	7 47 59	26°47'28	21°32	8°55	12°29	23°41	14°51	27°44	1°49	7°11	12°45	1° 1	29°29	24°22	10°53	S 18
M19	7 51 55	27°48'31	5♌49	10°21	13°37	23°18	14°43	27°46	1°52	7°12	12°44	0°52	29°26	24°29	10°51	M19
T 20	7 55 52	28°49'35	19°49	11°47	14°44	22°55	14°35	27°48	1°55	7°13	12°42	0°42	29°23	24°35	10°49	T 20
W21	7 59 48	29°50'39	3♍26	13°14	15°51	22°33	14°28	27°50	1°58	7°14	12°41	0°32	29°20	24°42	10°47	W21
T 22	8 3 45	0♒51'44	16°38	14°42	16°58	22°10	14°20	27°53	2° 1	7°16	12°40	0°23	29°17	24°48	10°46	T 22
F 23	8 7 41	1°52'48	29°27	16°10	18° 4	21°48	14°13	27°55	2° 4	7°17	12°38	0°16	29°13	24°55	10°44	F 23
S 24	8 11 38	2°53'53	11♎54	17°39	19°11	21°27	14° 5	27°58	2° 8	7°18	12°37	0°11	29°10	25° 2	10°42	S 24
S 25	8 15 34	3°54'58	24° 4	19° 8	20°17	21° 6	13°58	28° 0	2°11	7°19	12°36	0° 9	29° 7	25° 8	10°41	S 25
M26	8 19 31	4°56'04	6♏ 0	20°38	21°22	20°45	13°51	28° 3	2°14	7°20	12°35	0°D 8	29° 4	25°15	10°39	M26
T 27	8 23 28	5°57'09	17°49	22° 8	22°28	20°25	13°44	28° 6	2°17	7°22	12°33	0° 8	29° 1	25°22	10°38	T 27
W28	8 27 24	6°58'15	29°36	23°39	23°33	20° 6	13°37	28° 9	2°20	7°23	12°32	0°R 9	28°58	25°28	10°36	W28
T 29	8 31 21	7°59'21	11♐27	25°11	24°38	19°47	13°30	28°12	2°24	7°24	12°31	0° 8	28°54	25°35	10°35	T 29
F 30	8 35 17	9° 0'27	23°25	26°42	25°43	19°29	13°24	28°15	2°27	7°26	12°29	0° 6	28°51	25°42	10°34	F 30
S 31	8 39 14	10♒ 1'34	5♑36	28♑14	26♓48	19♋11	13♋17	28♈18	2♓30	7♈27	12♌28	0♊ 0	28♉48	25♏48	10♊33	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	22s57	20s49	0s 7	20s19	2n31	15s45	2s 5	23n31	3n36	22n 1	0s11	8n 8	2s32	11s43	0s44	1n41	1s 9	18n36	1n54	20n27	20n 6	17s35	17n 5	4s59
F 2	22 52	23 40	1 11	20 28	2 25	15 20	2 3	23 38	3 39	22 2	0 11	8 8	2 32	11 42	0 44	1 42	1 9	18 37	1 54	20 27	20 6	17 38	17 5	4 59
S 3	22 47	25 29	2 13	20 39	2 18	14 55	2 2	23 45	3 41	22 3	0 11	8 8	2 32	11 42	0 44	1 42	1 9	18 37	1 54	20 26	20 5	17 40	17 4	4 59
S 4	22 42	26 6	3 10	20 49	2 11	14 30	2 0	23 51	3 43	22 4	0 11	8 9	2 31	11 41	0 44	1 42	1 9	18 38	1 54	20 25	20 4	17 43	17 4	4 59
M 5	22 36	25 24	3 58	21 0	2 4	14 4	1 58	23 58	3 46	22 6	0 10	8 9	2 31	11 40	0 44	1 42	1 9	18 38	1 54	20 24	20 4	17 45	17 4	4 59
T 6	22 30	23 25	4 35	21 11	1 56	13 38	1 56	24 5	3 48	22 7	0 10	8 10	2 31	11 39	0 44	1 43	1 9	18 38	1 54	20 22	20 3	17 48	17 4	4 59
W 7	22 23	20 13	4 59	21 22	1 48	13 12	1 54	24 11	3 50	22 8	0 10	8 10	2 31	11 38	0 44	1 43	1 9	18 39	1 55	20 21	20 2	17 50	17 4	4 59
T 8	22 16	15 58	5 8	21 33	1 40	12 45	1 51	24 18	3 52	22 9	0 10	8 11	2 30	11 37	0 44	1 43	1 9	18 39	1 55	20 19	20 2	17 53	17 3	4 59
F 9	22 8	10 54	5 1	21 43	1 32	12 19	1 49	24 24	3 54	22 10	0 10	8 11	2 30	11 36	0 44	1 44	1 9	18 40	1 55	20 18	20 1	17 55	17 3	4 58
S 10	22 0	5 15	4 37	21 53	1 24	11 51	1 46	24 30	3 55	22 11	0 10	8 12	2 30	11 35	0 44	1 44	1 9	18 40	1 55	20 17	20 0	17 58	17 3	4 58
S 11	21 51	0n44	3 57	22 2	1 15	11 24	1 44	24 37	3 57	22 12	0 10	8 12	2 30	11 34	0 44	1 44	1 9	18 41	1 55	20 16	20 0	18 0	17 3	4 58
M12	21 42	6 48	3 2	22 10	1 7	10 56	1 41	24 43	3 59	22 13	0 10	8 13	2 29	11 33	0 44	1 45	1 9	18 41	1 55	20 16	19 59	18 3	17 3	4 58
T 13	21 33	12 37	1 56	22 18	0 58	10 28	1 38	24 49	4 0	22 14	0 9	8 14	2 29	11 32	0 44	1 45	1 9	18 41	1 55	20 17	19 58	18 5	17 2	4 58
W14	21 23	17 51	0 42	22 25	0 50	10 0	1 35	24 54	4 1	22 15	0 9	8 15	2 29	11 31	0 44	1 45	1 9	18 42	1 55	20 17	19 58	18 8	17 2	4 58
T 15	21 13	22 5	0n36	22 31	0 42	9 32	1 32	25 0	4 3	22 16	0 9	8 15	2 28	11 30	0 44	1 46	1 9	18 42	1 55	20 17	19 57	18 10	17 2	4 58
F 16	21 2	24 56	1 52	22 35	0 34	9 3	1 28	25 5	4 4	22 17	0 9	8 16	2 28	11 29	0 44	1 46	1 9	18 43	1 55	20 16	19 56	18 13	17 2	4 57
S 17	20 51	26 6	3 0	22 39	0 25	8 34	1 25	25 10	4 5	22 18	0 9	8 17	2 28	11 27	0 43	1 47	1 9	18 43	1 55	20 15	19 56	18 15	17 2	4 57
S 18	20 40	25 28	3 56	22 42	0 17	8 5	1 21	25 15	4 6	22 19	0 9	8 18	2 28	11 26	0 43	1 47	1 9	18 44	1 56	20 14	19 55	18 18	17 2	4 57
M19	20 28	23 10	4 37	22 44	0 10	7 36	1 18	25 20	4 6	22 20	0 9	8 19	2 27	11 25	0 43	1 47	1 9	18 44	1 56	20 12	19 54	18 20	17 2	4 57
T 20	20 16	19 31	4 59	22 44	0 2	7 7	1 14	25 25	4 7	22 21	0 8	8 20	2 27	11 24	0 43	1 48	1 9	18 44	1 56	20 10	19 53	18 23	17 2	4 57
W21	20 3	14 55	5 4	22 44	0s 6	6 37	1 10	25 29	4 8	22 22	0 8	8 21	2 27	11 23	0 43	1 48	1 9	18 45	1 56	20 8	19 53	18 25	17 2	4 57
T 22	19 50	9 44	4 53	22 42	0 13	6 8	1 6	25 33	4 8	22 23	0 8	8 22	2 27	11 22	0 43	1 49	1 9	18 45	1 56	20 6	19 52	18 28	17 1	4 56
F 23	19 37	4 18	4 27	22 39	0 21	5 38	1 2	25 37	4 8	22 24	0 8	8 23	2 26	11 21	0 43	1 49	1 9	18 46	1 56	20 5	19 51	18 30	17 1	4 56
S 24	19 23	1s10	3 48	22 35	0 28	5 8	0 58	25 41	4 9	22 25	0 8	8 24	2 26	11 20	0 43	1 50	1 8	18 46	1 56	20 4	19 51	18 33	17 1	4 56
S 25	19 9	6 29	3 0	22 30	0 35	4 39	0 53	25 44	4 9	22 26	0 8	8 26	2 26	11 19	0 43	1 50	1 8	18 47	1 56	20 3	19 50	18 35	17 1	4 56
M26	18 55	11 28	2 5	22 24	0 41	4 9	0 49	25 48	4 9	22 27	0 7	8 27	2 26	11 17	0 43	1 51	1 8	18 47	1 56	20 3	19 49	18 37	17 1	4 56
T 27	18 40	15 59	1 5	22 16	0 48	3 39	0 44	25 51	4 9	22 28	0 7	8 28	2 25	11 16	0 43	1 51	1 8	18 47	1 56	20 3	19 49	18 40	17 1	4 56
W28	18 25	19 53	0 3	22 7	0 54	3 9	0 39	25 53	4 9	22 29	0 7	8 29	2 25	11 15	0 43	1 52	1 8	18 48	1 56	20 3	19 48	18 42	17 1	4 55
T 29	18 9	23 0	1s 0	21 57	1 0	2 38	0 34	25 56	4 8	22 29	0 7	8 30	2 25	11 14	0 43	1 52	1 8	18 48	1 56	20 3	19 47	18 45	17 1	4 55
F 30	17 54	25 8	2 1	21 46	1 6	2 8	0 29	25 58	4 8	22 30	0 7	8 32	2 25	11 13	0 43	1 53	1 8	18 49	1 56	20 3	19 47	18 47	17 1	4 55
S 31	17s37	26s 7	2s57	21s34	1s12	1s38	0s24	26n 0	4n 7	22n31	0s 7	8n33	2s24	11s12	0s43	1n54	1s 8	18n49	1n57	20n 1	19n46	18s50	17n 1	4s55

Julian Day Number = 2881069.5, Delta T = 01h15m36s
Ecliptic obliquity = 23°17'18, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°12'34, Lahiri = 40°19'34

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ASTRODIENST EPHEMERIS for the year 3176
geocentric

FEBRUARY 3176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 43 10	11♒ 2'40	18♉ 2	29♉47	27♓52	18°R54	13°R11	28♈21	2♓33	7♈29	12°R27	29°R52	28♉45	25♏55	10°R31	S 1
M 2	8 47 7	12° 3'45	0♒45	1♒20	28°56	18♋38	13♋ 4	28°25	2°37	7°30	12♌25	29♉41	28°42	26° 2	10♊30	M 2
T 3	8 51 3	13° 4'51	13°45	2°54	29°59	18°23	12°58	28°28	2°40	7°32	12°24	29°29	28°38	26° 8	10°29	T 3
W 4	8 55 0	14° 5'56	27° 1	4°28	1♈ 3	18° 8	12°52	28°32	2°43	7°33	12°23	29°16	28°35	26°15	10°28	W 4
T 5	8 58 57	15° 7'01	10♓31	6° 3	2° 5	17°54	12°46	28°36	2°47	7°35	12°21	29° 3	28°32	26°22	10°27	T 5
F 6	9 2 53	16° 8'05	24°12	7°38	3° 8	17°41	12°41	28°39	2°50	7°36	12°20	28°53	28°29	26°28	10°27	F 6
S 7	9 6 50	17° 9'08	8♈ 1	9°13	4°10	17°28	12°35	28°43	2°54	7°38	12°19	28°45	28°26	26°35	10°26	S 7
S 8	9 10 46	18°10'10	21°56	10°50	5°12	17°17	12°30	28°47	2°57	7°39	12°18	28°40	28°23	26°41	10°25	S 8
M 9	9 14 43	19°11'12	5♉56	12°26	6°13	17° 6	12°25	28°51	3° 0	7°41	12°16	28°38	28°19	26°48	10°24	M 9
T 10	9 18 39	20°12'13	19°58	14° 4	7°14	16°56	12°20	28°55	3° 4	7°43	12°15	28°38	28°16	26°55	10°24	T 10
W11	9 22 36	21°13'13	4♊ 4	15°41	8°15	16°47	12°15	29° 0	3° 7	7°44	12°14	28°38	28°13	27° 1	10°23	W11
T 12	9 26 32	22°14'12	18°11	17°20	9°15	16°39	12°10	29° 4	3°11	7°46	12°12	28°37	28°10	27° 8	10°23	T 12
F 13	9 30 29	23°15'11	2♋19	18°59	10°15	16°31	12° 5	29° 8	3°14	7°48	12°11	28°33	28° 7	27°15	10°22	F 13
S 14	9 34 26	24°16'08	16°26	20°39	11°14	16°25	12° 1	29°13	3°18	7°50	12°10	28°27	28° 3	27°21	10°22	S 14
S 15	9 38 22	25°17'04	0♌28	22°19	12°13	16°19	11°57	29°17	3°21	7°51	12° 9	28°18	28° 0	27°28	10°22	S 15
M16	9 42 19	26°18'00	14°21	24° 0	13°11	16°14	11°53	29°22	3°25	7°53	12° 7	28° 7	27°57	27°35	10°22	M16
T 17	9 46 15	27°18'54	28° 1	25°41	14° 8	16°10	11°49	29°27	3°28	7°55	12° 6	27°54	27°54	27°41	10°22	T 17
W18	9 50 12	28°19'47	11♍24	27°24	15° 5	16° 6	11°46	29°31	3°32	7°57	12° 5	27°40	27°51	27°48	10°D21	W18
T 19	9 54 8	29°20'40	24°29	29° 7	16° 2	16° 4	11°42	29°36	3°35	7°59	12° 3	27°28	27°48	27°55	10°21	T 19
F 20	9 58 5	0♓21'32	7♎13	0♓50	16°58	16° 2	11°39	29°41	3°39	8° 0	12° 2	27°18	27°44	28° 1	10°22	F 20
S 21	10 2 1	1°22'23	19°39	2°35	17°53	16° 1	11°36	29°46	3°42	8° 2	12° 1	27°10	27°41	28° 8	10°22	S 21
S 22	10 5 58	2°23'13	1♏48	4°20	18°48	16°D 0	11°33	29°51	3°46	8° 4	12° 0	27° 6	27°38	28°14	10°22	S 22
M23	10 9 55	3°24'03	13°46	6° 5	19°42	16° 1	11°31	29°57	3°49	8° 6	11°59	27° 4	27°35	28°21	10°22	M23
T 24	10 13 51	4°24'52	25°35	7°51	20°35	16° 2	11°28	0♉ 2	3°53	8° 8	11°57	27°D 3	27°32	28°28	10°22	T 24
W25	10 17 48	5°25'40	7♐23	9°38	21°28	16° 4	11°26	0° 7	3°56	8°10	11°56	27°R 3	27°29	28°34	10°23	W25
T 26	10 21 44	6°26'27	19°14	11°26	22°20	16° 6	11°24	0°13	4° 0	8°12	11°55	27° 3	27°25	28°41	10°23	T 26
F 27	10 25 41	7°27'13	1♑14	13°14	23°11	16°10	11°22	0°18	4° 3	8°14	11°54	27° 0	27°22	28°48	10°24	F 27
S 28	10 29 37	8°27'59	13°28	15° 2	24° 2	16°14	11°21	0°24	4° 6	8°16	11°53	26°56	27°19	28°54	10°24	S 28
S 29	10 33 34	9♓28'43	26♑ 0	16♓51	24♈51	16♋18	11♋19	0♉29	4♓10	8♈18	11♌51	26♉48	27♉16	29♏ 1	10♊25	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s21	25s48	3s45	21s20	1s18	1s 8	0s19	26n 2	4n 7	22n32	0s 7	8n35	2s24	11s10	0s43	1n54	1s 8	18n50	1n57	20n 0	19n45	18s52	17n 1	4s55
M 2	17 4	24 9	4 24	21 5	1 23	0 38	0 13	26 4	4 6	22 33	0 6	8 36	2 24	11 9	0 43	1 55	1 8	18 50	1 57	19 57	19 45	18 54	17 2	4 54
T 3	16 47	21 13	4 50	20 49	1 28	0 8	0 8	26 6	4 6	22 33	0 6	8 37	2 24	11 8	0 43	1 55	1 8	18 51	1 57	19 55	19 44	18 57	17 2	4 54
W 4	16 30	17 8	5 1	20 31	1 33	0n23	0 2	26 7	4 5	22 34	0 6	8 39	2 23	11 7	0 43	1 56	1 8	18 51	1 57	19 52	19 43	18 59	17 2	4 54
T 5	16 12	12 8	4 55	20 13	1 37	0 53	0n 3	26 8	4 4	22 35	0 6	8 40	2 23	11 5	0 43	1 57	1 8	18 51	1 57	19 49	19 42	19 2	17 2	4 54
F 6	15 54	6 28	4 33	19 53	1 41	1 23	0 9	26 9	4 3	22 35	0 6	8 42	2 23	11 4	0 43	1 57	1 8	18 52	1 57	19 47	19 42	19 4	17 2	4 53
S 7	15 36	0 25	3 54	19 31	1 45	1 53	0 15	26 9	4 2	22 36	0 6	8 44	2 23	11 3	0 43	1 58	1 8	18 52	1 57	19 45	19 41	19 6	17 2	4 53
S 8	15 17	5n41	3 1	19 9	1 49	2 23	0 21	26 10	4 1	22 37	0 6	8 45	2 22	11 2	0 43	1 58	1 8	18 53	1 57	19 44	19 40	19 9	17 2	4 53
M 9	14 59	11 34	1 57	18 45	1 52	2 53	0 28	26 10	4 0	22 37	0 5	8 47	2 22	11 1	0 43	1 59	1 8	18 53	1 57	19 44	19 40	19 11	17 2	4 53
T 10	14 40	16 53	0 46	18 21	1 55	3 22	0 34	26 10	3 59	22 38	0 5	8 49	2 22	10 59	0 43	2 0	1 8	18 54	1 57	19 44	19 39	19 14	17 2	4 53
W11	14 20	21 18	0n29	17 54	1 58	3 52	0 40	26 10	3 58	22 39	0 5	8 50	2 22	10 58	0 43	2 1	1 8	18 54	1 57	19 44	19 38	19 16	17 2	4 52
T 12	14 1	24 27	1 41	17 27	2 0	4 22	0 47	26 10	3 57	22 39	0 5	8 52	2 21	10 57	0 43	2 1	1 8	18 54	1 57	19 43	19 38	19 18	17 3	4 52
F 13	13 41	26 4	2 48	16 58	2 2	4 51	0 53	26 10	3 55	22 40	0 5	8 54	2 21	10 56	0 43	2 2	1 8	18 55	1 57	19 43	19 37	19 21	17 3	4 52
S 14	13 21	25 59	3 44	16 29	2 4	5 20	1 0	26 10	3 54	22 40	0 5	8 55	2 21	10 54	0 43	2 3	1 8	18 55	1 57	19 41	19 36	19 23	17 3	4 52
S 15	13 1	24 15	4 26	15 57	2 5	5 50	1 7	26 9	3 53	22 41	0 5	8 57	2 21	10 53	0 43	2 3	1 8	18 56	1 57	19 39	19 35	19 25	17 3	4 51
M16	12 40	21 4	4 52	15 25	2 6	6 19	1 14	26 8	3 51	22 41	0 4	8 59	2 21	10 52	0 43	2 4	1 8	18 56	1 58	19 37	19 35	19 28	17 3	4 51
T 17	12 20	16 47	5 0	14 52	2 6	6 47	1 21	26 7	3 50	22 42	0 4	9 1	2 20	10 51	0 43	2 5	1 8	18 56	1 58	19 34	19 34	19 30	17 4	4 51
W18	11 59	11 44	4 52	14 17	2 7	7 16	1 28	26 6	3 48	22 42	0 4	9 3	2 20	10 49	0 43	2 6	1 8	18 57	1 58	19 31	19 33	19 32	17 4	4 51
T 19	11 38	6 17	4 28	13 41	2 6	7 44	1 36	26 5	3 47	22 43	0 4	9 5	2 20	10 48	0 43	2 6	1 8	18 57	1 58	19 28	19 33	19 35	17 4	4 50
F 20	11 17	0 42	3 51	13 4	2 6	8 13	1 43	26 4	3 46	22 43	0 4	9 7	2 20	10 47	0 43	2 7	1 8	18 58	1 58	19 26	19 32	19 37	17 4	4 50
S 21	10 55	4s48	3 4	12 26	2 4	8 41	1 50	26 3	3 44	22 43	0 4	9 9	2 20	10 46	0 43	2 8	1 8	18 58	1 58	19 24	19 31	19 39	17 5	4 50
S 22	10 34	10 0	2 9	11 46	2 3	9 8	1 58	26 1	3 42	22 44	0 4	9 10	2 19	10 44	0 43	2 9	1 8	18 58	1 58	19 23	19 31	19 42	17 5	4 50
M23	10 12	14 45	1 10	11 6	2 1	9 36	2 6	25 59	3 41	22 44	0 3	9 12	2 19	10 43	0 43	2 9	1 8	18 59	1 58	19 23	19 30	19 44	17 5	4 50
T 24	9 50	18 55	0 8	10 24	1 58	10 3	2 13	25 58	3 39	22 44	0 3	9 14	2 19	10 42	0 43	2 10	1 8	18 59	1 58	19 23	19 29	19 46	17 5	4 49
W25	9 28	22 18	0s55	9 41	1 55	10 30	2 21	25 56	3 38	22 45	0 3	9 16	2 19	10 41	0 43	2 11	1 8	19 0	1 58	19 23	19 28	19 49	17 6	4 49
T 26	9 6	24 46	1 55	8 57	1 51	10 57	2 29	25 54	3 36	22 45	0 3	9 19	2 19	10 39	0 43	2 12	1 8	19 0	1 58	19 22	19 28	19 51	17 6	4 49
F 27	8 43	26 8	2 51	8 12	1 47	11 23	2 37	25 52	3 35	22 45	0 3	9 21	2 18	10 38	0 43	2 12	1 8	19 0	1 58	19 22	19 27	19 53	17 6	4 49
S 28	8 21	26 15	3 40	7 26	1 42	11 50	2 45	25 50	3 33	22 46	0 3	9 23	2 18	10 37	0 43	2 13	1 8	19 1	1 58	19 21	19 26	19 56	17 7	4 48
S 29	7s58	25s 4	4s19	6s39	1s37	12n15	2n53	25n48	3n31	22n46	0s 3	9n25	2s18	10s36	0s43	2n14	1s 8	19n 1	1n58	19n19	19n25	19s58	17n 7	4s48

Julian Day Number = 2881100.5, Delta T = 01h15m37s
Ecliptic obliquity = 23°17'18, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°12'38, Lahiri = 40°19'39

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ASTRODIENST EPHEMERIS for the year 3176
geocentric

MARCH 3176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 37 30	10♓29'27	8♒53	18♓39	25♈40	16♋24	11°R18	0♉35	4♓13	8♈20	11°R50	26°R38	27♉13	29♏ 8	10♊26	M 1
T 2	10 41 27	11°30'09	22° 8	20°28	26°28	16°30	11♋17	0°41	4°17	8°22	11♌49	26♉27	27° 9	29°14	10°27	T 2
W 3	10 45 24	12°30'50	5♓44	22°17	27°15	16°37	11°16	0°46	4°20	8°24	11°48	26°14	27° 6	29°21	10°28	W 3
T 4	10 49 20	13°31'30	19°38	24° 6	28° 1	16°44	11°15	0°52	4°24	8°27	11°47	26° 2	27° 3	29°28	10°28	T 4
F 5	10 53 17	14°32'09	3♈46	25°55	28°47	16°52	11°15	0°58	4°27	8°29	11°46	25°52	27° 0	29°34	10°29	F 5
S 6	10 57 13	15°32'46	18° 2	27°42	29°31	17° 1	11°15	1° 4	4°31	8°31	11°45	25°44	26°57	29°41	10°30	S 6
S 7	11 1 10	16°33'21	2♉22	29°29	0♉14	17°10	11°D15	1°10	4°34	8°33	11°44	25°40	26°54	29°47	10°32	S 7
M 8	11 5 6	17°33'55	16°40	1♈14	0°56	17°20	11°15	1°16	4°38	8°35	11°43	25°38	26°50	29°54	10°33	M 8
T 9	11 9 3	18°34'27	0♊54	2°57	1°37	17°30	11°15	1°22	4°41	8°37	11°42	25°D37	26°47	0♐ 1	10°34	T 9
W10	11 12 59	19°34'57	15° 2	4°38	2°16	17°41	11°16	1°29	4°45	8°39	11°41	25°R38	26°44	0° 7	10°35	W10
T 11	11 16 56	20°35'26	29° 3	6°17	2°55	17°53	11°17	1°35	4°48	8°42	11°40	25°38	26°41	0°14	10°37	T 11
F 12	11 20 53	21°35'53	12♋56	7°52	3°32	18° 5	11°18	1°41	4°51	8°44	11°39	25°36	26°38	0°21	10°38	F 12
S 13	11 24 49	22°36'18	26°42	9°24	4° 7	18°18	11°19	1°48	4°55	8°46	11°38	25°31	26°35	0°27	10°40	S 13
S 14	11 28 46	23°36'41	10♌18	10°51	4°42	18°31	11°20	1°54	4°58	8°48	11°37	25°24	26°31	0°34	10°41	S 14
M15	11 32 42	24°37'03	23°45	12°13	5°15	18°45	11°22	2° 1	5° 1	8°50	11°36	25°15	26°28	0°41	10°43	M15
T 16	11 36 39	25°37'22	6♍59	13°29	5°46	18°59	11°24	2° 7	5° 5	8°53	11°35	25° 4	26°25	0°47	10°44	T 16
W17	11 40 35	26°37'40	20° 1	14°39	6°16	19°14	11°26	2°14	5° 8	8°55	11°34	24°53	26°22	0°54	10°46	W17
T 18	11 44 32	27°37'56	2♎48	15°42	6°44	19°29	11°28	2°20	5°11	8°57	11°33	24°43	26°19	1° 1	10°48	T 18
F 19	11 48 28	28°38'10	15°20	16°38	7°10	19°45	11°30	2°27	5°15	8°59	11°33	24°35	26°15	1° 7	10°50	F 19
S 20	11 52 25	29°38'23	27°37	17°25	7°35	20° 1	11°33	2°34	5°18	9° 2	11°32	24°29	26°12	1°14	10°52	S 20
S 21	11 56 21	0♈38'35	9♏43	18° 5	7°58	20°17	11°36	2°40	5°21	9° 4	11°31	24°25	26° 9	1°20	10°54	S 21
M22	12 0 18	1°38'45	21°38	18°35	8°19	20°34	11°39	2°47	5°24	9° 6	11°30	24°D24	26° 6	1°27	10°56	M22
T 23	12 4 15	2°38'53	3♐27	18°56	8°38	20°52	11°42	2°54	5°28	9° 8	11°29	24°24	26° 3	1°34	10°58	T 23
W24	12 8 11	3°39'00	15°15	19° 8	8°55	21° 9	11°45	3° 1	5°31	9°11	11°29	24°26	26° 0	1°40	11° 0	W24
T 25	12 12 8	4°39'05	27° 5	19°R11	9°10	21°28	11°48	3° 8	5°34	9°13	11°28	24°27	25°56	1°47	11° 2	T 25
F 26	12 16 4	5°39'09	9♑ 5	19° 5	9°23	21°46	11°52	3°15	5°37	9°15	11°27	24°R27	25°53	1°54	11° 4	F 26
S 27	12 20 1	6°39'11	21°18	18°50	9°34	22° 5	11°56	3°22	5°40	9°18	11°27	24°26	25°50	2° 0	11° 7	S 27
S 28	12 23 57	7°39'12	3♒50	18°26	9°43	22°25	12° 0	3°29	5°43	9°20	11°26	24°22	25°47	2° 7	11° 9	S 28
M29	12 27 54	8°39'11	16°44	17°55	9°49	22°44	12° 4	3°36	5°46	9°22	11°25	24°17	25°44	2°14	11°12	M29
T 30	12 31 50	9°39'09	0♓ 4	17°17	9°53	23° 4	12° 9	3°43	5°50	9°24	11°25	24°11	25°41	2°20	11°14	T 30
W31	12 35 47	10♈39'05	13♓49	16♈33	9°R54	23♋25	12♋13	3♉50	5♓53	9♈27	11♌24	24♉ 3	25♉37	2♐27	11♊16	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s35	22s32	4s47	5s51	1s31	12n41	3n 2	25n46	3n30	22n46	0s 3	9n27	2s18	10s34	0s43	2n15	1s 8	19n 1	1n58	19n17	19n25	20s 0	17n 7	4s48
T 2	7 12	18 47	5 0	5 2	1 24	13 6	3 10	25 43	3 28	22 46	0 2	9 29	2 18	10 33	0 43	2 16	1 8	19 2	1 58	19 14	19 24	20 3	17 8	4 48
W 3	6 49	13 58	4 57	4 13	1 17	13 31	3 18	25 41	3 27	22 47	0 2	9 31	2 17	10 32	0 43	2 17	1 8	19 2	1 58	19 11	19 23	20 5	17 8	4 47
T 4	6 26	8 19	4 37	3 23	1 9	13 55	3 27	25 38	3 25	22 47	0 2	9 33	2 17	10 30	0 43	2 17	1 8	19 2	1 58	19 9	19 23	20 7	17 8	4 47
F 5	6 3	2 10	3 59	2 32	1 0	14 20	3 35	25 36	3 23	22 47	0 2	9 36	2 17	10 29	0 43	2 18	1 8	19 3	1 58	19 6	19 22	20 9	17 9	4 47
S 6	5 40	4n10	3 6	1 42	0 51	14 43	3 44	25 33	3 22	22 47	0 2	9 38	2 17	10 28	0 43	2 19	1 8	19 3	1 58	19 4	19 21	20 12	17 9	4 47
S 7	5 16	10 20	2 0	0 50	0 41	15 7	3 53	25 30	3 20	22 47	0 2	9 40	2 17	10 27	0 43	2 20	1 8	19 3	1 58	19 3	19 20	20 14	17 9	4 46
M 8	4 53	15 57	0 47	0n 1	0 31	15 30	4 1	25 27	3 19	22 47	0 2	9 42	2 17	10 26	0 43	2 21	1 8	19 4	1 58	19 3	19 20	20 16	17 10	4 46
T 9	4 30	20 40	0n28	0 52	0 20	15 52	4 10	25 24	3 17	22 47	0 2	9 45	2 16	10 24	0 43	2 22	1 8	19 4	1 58	19 3	19 19	20 19	17 10	4 46
W10	4 6	24 8	1 42	1 43	0 8	16 14	4 19	25 21	3 15	22 47	0 1	9 47	2 16	10 23	0 43	2 22	1 8	19 4	1 59	19 3	19 18	20 21	17 11	4 46
T 11	3 42	26 5	2 48	2 33	0n 4	16 36	4 28	25 18	3 14	22 48	0 1	9 49	2 16	10 22	0 43	2 23	1 8	19 5	1 59	19 3	19 18	20 23	17 11	4 46
F 12	3 19	26 23	3 44	3 22	0 17	16 57	4 36	25 15	3 12	22 48	0 1	9 51	2 16	10 21	0 43	2 24	1 8	19 5	1 59	19 2	19 17	20 25	17 12	4 45
S 13	2 55	25 3	4 27	4 10	0 30	17 17	4 45	25 12	3 11	22 48	0 1	9 54	2 16	10 19	0 43	2 25	1 8	19 5	1 59	19 1	19 16	20 28	17 12	4 45
S 14	2 31	22 15	4 54	4 56	0 44	17 37	4 54	25 8	3 9	22 48	0 1	9 56	2 16	10 18	0 43	2 26	1 8	19 6	1 59	19 0	19 15	20 30	17 12	4 45
M15	2 8	18 18	5 4	5 41	0 58	17 57	5 3	25 5	3 8	22 48	0 1	9 58	2 16	10 17	0 43	2 27	1 8	19 6	1 59	18 57	19 15	20 32	17 13	4 45
T 16	1 44	13 30	4 57	6 24	1 12	18 16	5 12	25 1	3 6	22 48	0 1	10 1	2 15	10 16	0 43	2 28	1 8	19 6	1 59	18 55	19 14	20 34	17 13	4 44
W17	1 20	8 10	4 36	7 4	1 26	18 34	5 21	24 58	3 4	22 48	0 1	10 3	2 15	10 15	0 43	2 29	1 8	19 6	1 59	18 52	19 13	20 37	17 14	4 44
T 18	0 56	2 34	4 0	7 41	1 40	18 51	5 29	24 54	3 3	22 47	0 0	10 5	2 15	10 13	0 43	2 29	1 8	19 7	1 59	18 50	19 12	20 39	17 14	4 44
F 19	0 32	3s 1	3 14	8 15	1 54	19 9	5 38	24 50	3 1	22 47	0 0	10 8	2 15	10 12	0 43	2 30	1 8	19 7	1 59	18 48	19 12	20 41	17 15	4 44
S 20	0 9	8 24	2 19	8 46	2 8	19 25	5 47	24 46	3 0	22 47	0 0	10 10	2 15	10 11	0 43	2 31	1 8	19 7	1 59	18 46	19 11	20 43	17 15	4 44
S 21	0n15	13 24	1 18	9 13	2 21	19 41	5 55	24 42	2 58	22 47	0 0	10 13	2 15	10 10	0 43	2 32	1 8	19 7	1 59	18 45	19 10	20 45	17 16	4 43
M22	0 39	17 49	0 15	9 37	2 34	19 55	6 4	24 38	2 57	22 47	0n 0	10 15	2 15	10 9	0 43	2 33	1 8	19 8	1 59	18 45	19 9	20 48	17 16	4 43
T 23	1 3	21 31	0s49	9 56	2 46	20 10	6 12	24 34	2 55	22 47	0 0	10 17	2 15	10 8	0 43	2 34	1 8	19 8	1 59	18 45	19 9	20 50	17 17	4 43
W24	1 27	24 18	1 50	10 10	2 56	20 23	6 20	24 30	2 54	22 47	0 0	10 20	2 14	10 6	0 43	2 35	1 8	19 8	1 59	18 46	19 8	20 52	17 17	4 43
T 25	1 50	26 2	2 47	10 20	3 6	20 36	6 29	24 26	2 52	22 46	0 0	10 22	2 14	10 5	0 44	2 36	1 8	19 8	1 59	18 46	19 7	20 54	17 18	4 42
F 26	2 14	26 36	3 38	10 25	3 14	20 47	6 37	24 21	2 51	22 46	0 1	10 25	2 14	10 4	0 44	2 36	1 8	19 9	1 59	18 46	19 6	20 56	17 18	4 42
S 27	2 38	25 53	4 19	10 26	3 21	20 58	6 44	24 17	2 49	22 46	0 1	10 27	2 14	10 3	0 44	2 37	1 8	19 9	1 59	18 46	19 6	20 59	17 19	4 42
S 28	3 1	23 52	4 49	10 22	3 26	21 8	6 52	24 12	2 48	22 46	0 1	10 30	2 14	10 2	0 44	2 38	1 8	19 9	1 59	18 45	19 5	21 1	17 19	4 42
M29	3 25	20 35	5 6	10 13	3 29	21 17	6 59	24 7	2 47	22 46	0 1	10 32	2 14	10 1	0 44	2 39	1 8	19 9	1 59	18 43	19 4	21 3	17 20	4 42
T 30	3 48	16 10	5 7	10 0	3 31	21 25	7 6	24 3	2 45	22 45	0 1	10 35	2 14	10 0	0 44	2 40	1 8	19 9	1 59	18 42	19 3	21 5	17 20	4 42
W31	4n11	10s48	4s51	9n42	3n30	21n32	7n13	23n58	2n44	22n45	0n 1	10n37	2s14	9s59	0s44	2n41	1s 8	19n10	1n59	18n40	19n 3	21s 7	17n21	4s41

Julian Day Number = 2881129.5, Delta T = 01h15m38s
Ecliptic obliquity = 23°17'19, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°12'42, Lahiri = 40°19'43

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ASTRODIENST EPHEMERIS for the year 3176
geocentric

APRIL 3176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 39 44	11♈38'59	27♓58	15°R43	9°R54	23♋46	12♋18	3♉57	5♓56	9♈29	11°R23	23°R56	25♉34	2♐34	11♊19	T 1
F 2	12 43 40	12°38'51	12♈25	14♈51	9♉50	24° 7	12°23	4° 4	5°59	9°31	11♌23	23♉50	25°31	2°40	11°22	F 2
S 3	12 47 37	13°38'42	27° 6	13°55	9°45	24°28	12°28	4°12	6° 2	9°33	11°22	23°46	25°28	2°47	11°24	S 3
S 4	12 51 33	14°38'30	11♉52	12°59	9°37	24°50	12°33	4°19	6° 4	9°36	11°22	23°43	25°25	2°54	11°27	S 4
M 5	12 55 30	15°38'17	26°36	12° 2	9°26	25°12	12°39	4°26	6° 7	9°38	11°21	23°D43	25°21	3° 0	11°30	M 5
T 6	12 59 26	16°38'01	11♊12	11° 7	9°13	25°34	12°44	4°33	6°10	9°40	11°21	23°44	25°18	3° 7	11°33	T 6
W 7	13 3 23	17°37'43	25°36	10°14	8°57	25°57	12°50	4°41	6°13	9°43	11°21	23°45	25°15	3°13	11°36	W 7
T 8	13 7 19	18°37'23	9♋45	9°24	8°39	26°20	12°56	4°48	6°16	9°45	11°20	23°46	25°12	3°20	11°38	T 8
F 9	13 11 16	19°37'01	23°37	8°38	8°18	26°43	13° 2	4°55	6°19	9°47	11°20	23°R47	25° 9	3°27	11°41	F 9
S 10	13 15 13	20°36'37	7♌14	7°57	7°56	27° 7	13° 8	5° 3	6°21	9°49	11°19	23°45	25° 6	3°33	11°44	S 10
S 11	13 19 9	21°36'10	20°35	7°21	7°31	27°31	13°15	5°10	6°24	9°52	11°19	23°43	25° 2	3°40	11°47	S 11
M12	13 23 6	22°35'41	3♍42	6°51	7° 4	27°55	13°21	5°18	6°27	9°54	11°19	23°39	24°59	3°47	11°51	M12
T 13	13 27 2	23°35'10	16°34	6°26	6°35	28°19	13°28	5°25	6°29	9°56	11°19	23°34	24°56	3°53	11°54	T 13
W14	13 30 59	24°34'36	29°14	6° 7	6° 4	28°44	13°35	5°32	6°32	9°58	11°18	23°29	24°53	4° 0	11°57	W14
T 15	13 34 55	25°34'01	11♎41	5°55	5°31	29° 9	13°42	5°40	6°35	10° 0	11°18	23°24	24°50	4° 7	12° 0	T 15
F 16	13 38 52	26°33'23	23°57	5°48	4°57	29°34	13°49	5°47	6°37	10° 3	11°18	23°20	24°46	4°13	12° 3	F 16
S 17	13 42 48	27°32'44	6♏ 4	5°D47	4°22	29°59	13°56	5°55	6°40	10° 5	11°18	23°18	24°43	4°20	12° 7	S 17
S 18	13 46 45	28°32'02	18° 2	5°52	3°46	0♌25	14° 4	6° 2	6°42	10° 7	11°18	23°D17	24°40	4°27	12°10	S 18
M19	13 50 42	29°31'19	29°53	6° 2	3° 9	0°50	14°11	6°10	6°45	10° 9	11°17	23°17	24°37	4°33	12°13	M19
T 20	13 54 38	0♉30'34	11♐41	6°17	2°32	1°16	14°19	6°17	6°47	10°11	11°17	23°18	24°34	4°40	12°17	T 20
W21	13 58 35	1°29'47	23°29	6°37	1°54	1°43	14°27	6°25	6°49	10°14	11°17	23°19	24°31	4°46	12°20	W21
T 22	14 2 31	2°28'59	5♑20	7° 2	1°16	2° 9	14°35	6°32	6°52	10°16	11°17	23°21	24°27	4°53	12°24	T 22
F 23	14 6 28	3°28'08	17°20	7°32	0°39	2°36	14°43	6°40	6°54	10°18	11°17	23°22	24°24	5° 0	12°27	F 23
S 24	14 10 24	4°27'16	29°32	8° 5	0° 2	3° 2	14°51	6°47	6°56	10°20	11°D17	23°R23	24°21	5° 6	12°31	S 24
S 25	14 14 21	5°26'23	12♒ 1	8°43	29♈25	3°29	14°59	6°55	6°59	10°22	11°17	23°23	24°18	5°13	12°34	S 25
M26	14 18 17	6°25'27	24°52	9°25	28°50	3°57	15° 8	7° 2	7° 1	10°24	11°17	23°22	24°15	5°20	12°38	M26
T 27	14 22 14	7°24'30	8♓ 7	10°10	28°16	4°24	15°16	7°10	7° 3	10°26	11°17	23°21	24°12	5°26	12°42	T 27
W28	14 26 11	8°23'31	21°50	10°59	27°43	4°51	15°25	7°18	7° 5	10°28	11°17	23°19	24° 8	5°33	12°45	W28
T 29	14 30 7	9°22'30	5♈59	11°51	27°12	5°19	15°34	7°25	7° 7	10°30	11°18	23°17	24° 5	5°40	12°49	T 29
F 30	14 34 4	10♉21'28	20♈32	12♈46	26♈43	5♌47	15♋43	7♉33	7♓ 9	10♈32	11♌18	23♉15	24♉ 2	5♐46	12♊53	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n35	4s44	4s17	9n21	3n28	21n37	7n19	23n53	2n42	22n45	0n 1	10n40	2s14	9s57	0s44	2n42	1s 8	19n10	1n59	18n38	19n 2	21s 9	17n21	4s41
F 2	4 58	1n44	3 25	8 56	3 23	21 42	7 25	23 48	2 41	22 44	0 1	10 42	2 14	9 56	0 44	2 43	1 8	19 10	1 59	18 37	19 1	21 12	17 22	4 41
S 3	5 21	8 12	2 20	8 29	3 17	21 45	7 30	23 43	2 40	22 44	0 1	10 45	2 13	9 55	0 44	2 44	1 8	19 10	1 59	18 36	19 0	21 14	17 22	4 41
S 4	5 44	14 17	1 4	7 59	3 9	21 47	7 36	23 37	2 38	22 44	0 1	10 47	2 13	9 54	0 44	2 44	1 8	19 10	1 59	18 35	19 0	21 16	17 23	4 41
M 5	6 7	19 32	0n16	7 28	2 59	21 48	7 40	23 32	2 37	22 43	0 2	10 49	2 13	9 53	0 44	2 45	1 8	19 10	1 59	18 35	18 59	21 18	17 23	4 40
T 6	6 30	23 32	1 34	6 56	2 47	21 48	7 44	23 27	2 36	22 43	0 2	10 52	2 13	9 52	0 44	2 46	1 8	19 11	1 59	18 35	18 58	21 20	17 24	4 40
W 7	6 53	25 58	2 45	6 24	2 35	21 46	7 48	23 21	2 34	22 42	0 2	10 54	2 13	9 51	0 44	2 47	1 8	19 11	1 59	18 36	18 57	21 22	17 24	4 40
T 8	7 15	26 40	3 45	5 52	2 21	21 43	7 50	23 15	2 33	22 42	0 2	10 57	2 13	9 50	0 44	2 48	1 8	19 11	1 59	18 36	18 57	21 24	17 25	4 40
F 9	7 38	25 41	4 30	5 21	2 7	21 38	7 53	23 10	2 32	22 41	0 2	10 59	2 13	9 49	0 44	2 49	1 8	19 11	1 59	18 36	18 56	21 27	17 25	4 40
S 10	8 0	23 10	5 0	4 51	1 51	21 32	7 54	23 4	2 30	22 41	0 2	11 2	2 13	9 48	0 44	2 50	1 8	19 11	1 59	18 36	18 55	21 29	17 26	4 40
S 11	8 22	19 28	5 12	4 22	1 36	21 24	7 55	22 58	2 29	22 40	0 2	11 4	2 13	9 47	0 44	2 50	1 8	19 11	1 59	18 35	18 54	21 31	17 27	4 39
M12	8 44	14 52	5 8	3 56	1 20	21 15	7 55	22 52	2 28	22 40	0 2	11 7	2 13	9 46	0 44	2 51	1 8	19 11	1 59	18 34	18 54	21 33	17 27	4 39
T 13	9 6	9 41	4 48	3 32	1 4	21 4	7 54	22 46	2 27	22 39	0 2	11 9	2 13	9 45	0 44	2 52	1 8	19 11	1 59	18 33	18 53	21 35	17 28	4 39
W14	9 28	4 12	4 14	3 10	0 49	20 52	7 52	22 39	2 25	22 39	0 3	11 12	2 13	9 44	0 44	2 53	1 8	19 11	1 59	18 32	18 52	21 37	17 28	4 39
T 15	9 49	1s23	3 29	2 50	0 33	20 39	7 50	22 33	2 24	22 38	0 3	11 14	2 13	9 43	0 44	2 54	1 8	19 12	1 59	18 30	18 51	21 39	17 29	4 39
F 16	10 11	6 51	2 34	2 34	0 18	20 24	7 46	22 27	2 23	22 37	0 3	11 17	2 13	9 43	0 44	2 55	1 8	19 12	1 59	18 29	18 51	21 41	17 29	4 39
S 17	10 32	11 59	1 33	2 20	0 3	20 8	7 42	22 20	2 22	22 37	0 3	11 19	2 13	9 42	0 44	2 56	1 8	19 12	1 59	18 29	18 50	21 43	17 30	4 39
S 18	10 53	16 38	0 29	2 8	0s11	19 51	7 37	22 13	2 20	22 36	0 3	11 22	2 13	9 41	0 44	2 56	1 8	19 12	1 59	18 29	18 49	21 45	17 30	4 38
M19	11 14	20 35	0s36	2 0	0 25	19 32	7 31	22 7	2 19	22 35	0 3	11 24	2 12	9 40	0 44	2 57	1 8	19 12	1 59	18 29	18 48	21 48	17 31	4 38
T 20	11 35	23 42	1 40	1 53	0 38	19 13	7 24	22 0	2 18	22 35	0 3	11 27	2 12	9 39	0 44	2 58	1 8	19 12	1 59	18 29	18 47	21 50	17 32	4 38
W21	11 55	25 47	2 39	1 50	0 51	18 52	7 16	21 53	2 17	22 34	0 3	11 29	2 12	9 38	0 44	2 59	1 8	19 12	2 0	18 29	18 47	21 52	17 32	4 38
T 22	12 16	26 43	3 32	1 48	1 3	18 31	7 7	21 46	2 16	22 33	0 3	11 32	2 12	9 37	0 44	3 0	1 8	19 12	2 0	18 30	18 46	21 54	17 33	4 38
F 23	12 36	26 24	4 16	1 50	1 14	18 9	6 58	21 38	2 15	22 32	0 3	11 34	2 12	9 37	0 44	3 1	1 8	19 12	2 0	18 30	18 45	21 56	17 33	4 38
S 24	12 55	24 50	4 49	1 53	1 25	17 46	6 48	21 31	2 13	22 32	0 4	11 37	2 12	9 36	0 44	3 1	1 8	19 12	2 0	18 30	18 44	21 58	17 34	4 38
S 25	13 15	22 3	5 10	1 58	1 35	17 23	6 37	21 24	2 12	22 31	0 4	11 39	2 12	9 35	0 44	3 2	1 8	19 12	2 0	18 30	18 44	22 0	17 34	4 38
M26	13 35	18 7	5 16	2 6	1 45	17 0	6 25	21 16	2 11	22 30	0 4	11 41	2 12	9 34	0 44	3 3	1 8	19 12	2 0	18 30	18 43	22 2	17 35	4 38
T 27	13 54	13 12	5 6	2 16	1 54	16 36	6 13	21 9	2 10	22 29	0 4	11 44	2 12	9 33	0 44	3 4	1 8	19 12	2 0	18 30	18 42	22 4	17 35	4 37
W28	14 13	7 29	4 38	2 27	2 2	16 13	6 1	21 1	2 9	22 28	0 4	11 46	2 12	9 33	0 44	3 5	1 8	19 12	2 0	18 29	18 41	22 6	17 36	4 37
T 29	14 32	1 12	3 53	2 40	2 9	15 49	5 48	20 53	2 8	22 27	0 4	11 49	2 12	9 32	0 44	3 5	1 8	19 12	2 0	18 29	18 41	22 8	17 36	4 37
F 30	14n50	5n19	2s52	2n55	2s16	15n26	5n35	20n45	2n 7	22n26	0n 4	11n51	2s12	9s31	0s45	3n 6	1s 8	19n12	2n 0	18n28	18n40	22s10	17n37	4s37

Julian Day Number = 2881160.5, Delta T = 01h15m38s
Ecliptic obliquity = 23°17'20, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°12'47, Lahiri = 40°19'47

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ASTRODIENST EPHEMERIS for the year 3176
geocentric

MAY 3176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 38 0	11♉20'23	5♉24	13♈44	26°R15	6♌15	15♋52	7♉40	7♓11	10♈35	11♌18	23°R14	23♉59	5♐53	12♊57	S 1
S 2	14 41 57	12°19'17	20°27	14°45	25♈50	6°43	16° 1	7°48	7°13	10°37	11°18	23°D14	23°56	6° 0	13° 0	S 2
M 3	14 45 53	13°18'09	5♊32	15°49	25°27	7°12	16°11	7°55	7°15	10°39	11°18	23♉14	23°52	6° 6	13° 4	M 3
T 4	14 49 50	14°16'59	20°30	16°55	25° 6	7°41	16°20	8° 3	7°17	10°41	11°19	23°15	23°49	6°13	13° 8	T 4
W 5	14 53 46	15°15'47	5♋15	18° 4	24°47	8° 9	16°30	8°10	7°18	10°42	11°19	23°15	23°46	6°20	13°12	W 5
T 6	14 57 43	16°14'33	19°40	19°15	24°30	8°38	16°39	8°18	7°20	10°44	11°19	23°16	23°43	6°26	13°16	T 6
F 7	15 1 40	17°13'16	3♌43	20°28	24°16	9° 7	16°49	8°25	7°22	10°46	11°19	23°16	23°40	6°33	13°20	F 7
S 8	15 5 36	18°11'58	17°23	21°43	24° 5	9°36	16°59	8°33	7°24	10°48	11°20	23°R16	23°37	6°40	13°24	S 8
S 9	15 9 33	19°10'36	0♍40	23° 1	23°55	10° 6	17° 9	8°40	7°25	10°50	11°20	23°16	23°33	6°46	13°28	S 9
M10	15 13 29	20° 9'13	13°37	24°21	23°49	10°35	17°19	8°48	7°27	10°52	11°21	23°16	23°30	6°53	13°32	M10
T 11	15 17 26	21° 7'48	26°16	25°43	23°44	11° 5	17°29	8°55	7°28	10°54	11°21	23°16	23°27	6°59	13°36	T 11
W12	15 21 22	22° 6'20	8♎41	27° 7	23°D42	11°35	17°39	9° 2	7°30	10°56	11°21	23°16	23°24	7° 6	13°40	W12
T 13	15 25 19	23° 4'51	20°53	28°32	23°43	12° 5	17°50	9°10	7°31	10°58	11°22	23°D16	23°21	7°13	13°44	T 13
F 14	15 29 15	24° 3'20	2♏56	0♉ 0	23°45	12°35	18° 0	9°17	7°33	10°59	11°22	23°16	23°18	7°19	13°48	F 14
S 15	15 33 12	25° 1'46	14°52	1°30	23°50	13° 5	18°11	9°25	7°34	11° 1	11°23	23°16	23°14	7°26	13°52	S 15
S 16	15 37 9	26° 0'11	26°43	3° 1	23°58	13°35	18°21	9°32	7°35	11° 3	11°23	23°R16	23°11	7°33	13°57	S 16
M17	15 41 5	26°58'35	8♐31	4°35	24° 7	14° 6	18°32	9°39	7°37	11° 5	11°24	23°16	23° 8	7°39	14° 1	M17
T 18	15 45 2	27°56'56	20°20	6°10	24°19	14°36	18°43	9°47	7°38	11° 6	11°25	23°15	23° 5	7°46	14° 5	T 18
W19	15 48 58	28°55'16	2♑10	7°47	24°33	15° 7	18°54	9°54	7°39	11° 8	11°25	23°15	23° 2	7°53	14° 9	W19
T 20	15 52 55	29°53'34	14° 5	9°26	24°48	15°38	19° 5	10° 1	7°40	11°10	11°26	23°14	22°58	7°59	14°13	T 20
F 21	15 56 51	0♒51'51	26° 8	11° 7	25° 6	16° 8	19°16	10° 8	7°41	11°11	11°27	23°13	22°55	8° 6	14°17	F 21
S 22	16 0 48	1°50'06	8♓22	12°49	25°26	16°39	19°27	10°16	7°42	11°13	11°27	23°12	22°52	8°13	14°22	S 22
S 23	16 4 44	2°48'20	20°51	14°34	25°47	17°11	19°38	10°23	7°43	11°14	11°28	23°11	22°49	8°19	14°26	S 23
M24	16 8 41	3°46'32	3♈39	16°20	26°10	17°42	19°50	10°30	7°44	11°16	11°29	23°D11	22°46	8°26	14°30	M24
T 25	16 12 38	4°44'43	16°48	18° 8	26°35	18°13	20° 1	10°37	7°45	11°18	11°29	23°11	22°43	8°33	14°34	T 25
W26	16 16 34	5°42'53	0♈22	19°58	27° 2	18°44	20°13	10°44	7°46	11°19	11°30	23°12	22°39	8°39	14°39	W26
T 27	16 20 31	6°41'01	14°22	21°50	27°30	19°16	20°24	10°51	7°47	11°21	11°31	23°13	22°36	8°46	14°43	T 27
F 28	16 24 27	7°39'08	28°47	23°44	28° 0	19°48	20°36	10°58	7°47	11°22	11°32	23°14	22°33	8°52	14°47	F 28
S 29	16 28 24	8°37'13	13♉35	25°40	28°31	20°19	20°48	11° 5	7°48	11°24	11°33	23°15	22°30	8°59	14°52	S 29
S 30	16 32 20	9°35'17	28°39	27°37	29° 3	20°51	20°59	11°12	7°49	11°25	11°34	23°R15	22°27	9° 6	14°56	S 30
M31	16 36 17	10♊33'20	13♊51	29♉36	29♈37	21♌23	21♋11	11♉19	7♓49	11♈26	11♌34	23♉14	22♉24	9♐12	15♊ 0	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 8	11n42	1s37	3n12	2s22	15n 3	5n21	20n37	2n 6	22n25	0n 4	11n54	2s12	9s31	0s45	3n 7	1s 8	19n12	2n 0	18n28	18n39	22s12	17n38	4s37
S 2	15 26	17 30	0 15	3 30	2 28	14 41	5 7	20 29	2 4	22 24	0 4	11 56	2 12	9 30	0 45	3 8	1 8	19 12	2 0	18 28	18 38	22 14	17 38	4 37
M 3	15 44	22 12	1n 8	3 50	2 33	14 19	4 53	20 21	2 3	22 23	0 4	11 58	2 12	9 29	0 45	3 8	1 8	19 12	2 0	18 28	18 37	22 16	17 39	4 37
T 4	16 1	25 22	2 26	4 11	2 37	13 58	4 39	20 12	2 2	22 22	0 4	12 1	2 12	9 29	0 45	3 9	1 8	19 12	2 0	18 28	18 37	22 18	17 39	4 37
W 5	16 19	26 44	3 33	4 34	2 41	13 38	4 24	20 4	2 1	22 21	0 5	12 3	2 12	9 28	0 45	3 10	1 8	19 12	2 0	18 28	18 36	22 20	17 40	4 37
T 6	16 36	26 13	4 25	4 57	2 44	13 19	4 10	19 55	2 0	22 20	0 5	12 5	2 12	9 27	0 45	3 11	1 8	19 12	2 0	18 28	18 35	22 22	17 40	4 37
F 7	16 52	24 3	4 59	5 22	2 47	13 0	3 55	19 47	1 59	22 19	0 5	12 8	2 12	9 27	0 45	3 11	1 8	19 11	2 0	18 28	18 34	22 24	17 41	4 37
S 8	17 8	20 32	5 16	5 48	2 49	12 42	3 41	19 38	1 58	22 18	0 5	12 10	2 12	9 26	0 45	3 12	1 8	19 11	2 0	18 28	18 33	22 26	17 41	4 37
S 9	17 25	16 4	5 15	6 16	2 50	12 26	3 27	19 29	1 57	22 17	0 5	12 13	2 12	9 26	0 45	3 13	1 8	19 11	2 0	18 28	18 33	22 28	17 42	4 37
M10	17 40	10 59	4 58	6 44	2 51	12 10	3 12	19 20	1 56	22 15	0 5	12 15	2 12	9 25	0 45	3 13	1 8	19 11	2 0	18 28	18 32	22 30	17 42	4 37
T 11	17 56	5 33	4 27	7 13	2 51	11 55	2 58	19 11	1 55	22 14	0 5	12 17	2 13	9 24	0 45	3 14	1 8	19 11	2 0	18 28	18 31	22 32	17 43	4 36
W12	18 11	0 0	3 43	7 43	2 51	11 42	2 45	19 2	1 54	22 13	0 5	12 19	2 13	9 24	0 45	3 15	1 9	19 11	2 0	18 28	18 30	22 34	17 43	4 36
T 13	18 26	5s28	2 50	8 14	2 50	11 29	2 31	18 53	1 53	22 12	0 5	12 22	2 13	9 23	0 45	3 15	1 9	19 11	2 0	18 28	18 30	22 36	17 44	4 36
F 14	18 40	10 41	1 51	8 46	2 48	11 18	2 18	18 43	1 52	22 10	0 5	12 24	2 13	9 23	0 45	3 16	1 9	19 11	2 0	18 28	18 29	22 38	17 44	4 36
S 15	18 54	15 27	0 47	9 19	2 47	11 8	2 5	18 34	1 51	22 9	0 5	12 26	2 13	9 22	0 45	3 17	1 9	19 11	2 0	18 28	18 28	22 40	17 45	4 36
S 16	19 8	19 37	0s19	9 52	2 44	10 58	1 52	18 24	1 50	22 8	0 5	12 28	2 13	9 22	0 45	3 17	1 9	19 10	2 0	18 28	18 27	22 42	17 45	4 36
M17	19 22	22 58	1 24	10 26	2 41	10 50	1 39	18 14	1 49	22 6	0 6	12 31	2 13	9 22	0 45	3 18	1 9	19 10	2 0	18 28	18 26	22 44	17 46	4 36
T 18	19 35	25 21	2 25	11 1	2 37	10 43	1 27	18 5	1 48	22 5	0 6	12 33	2 13	9 21	0 45	3 19	1 9	19 10	2 0	18 28	18 26	22 45	17 46	4 36
W19	19 48	26 36	3 20	11 36	2 33	10 37	1 15	17 55	1 47	22 4	0 6	12 35	2 13	9 21	0 45	3 19	1 9	19 10	2 0	18 28	18 25	22 47	17 47	4 36
T 20	20 0	26 38	4 6	12 11	2 29	10 32	1 3	17 45	1 46	22 2	0 6	12 37	2 13	9 20	0 45	3 20	1 9	19 10	2 0	18 28	18 24	22 49	17 47	4 36
F 21	20 12	25 25	4 43	12 47	2 24	10 28	0 52	17 35	1 45	22 1	0 6	12 40	2 13	9 20	0 45	3 21	1 9	19 10	2 0	18 28	18 23	22 51	17 48	4 36
S 22	20 24	22 59	5 7	13 23	2 18	10 24	0 41	17 24	1 44	21 59	0 6	12 42	2 13	9 20	0 45	3 21	1 9	19 10	2 0	18 27	18 22	22 53	17 48	4 36
S 23	20 35	19 27	5 17	14 0	2 12	10 22	0 30	17 14	1 43	21 58	0 6	12 44	2 13	9 19	0 45	3 22	1 9	19 9	2 0	18 27	18 22	22 55	17 49	4 36
M24	20 46	14 57	5 12	14 37	2 6	10 21	0 20	17 4	1 43	21 56	0 6	12 46	2 13	9 19	0 45	3 22	1 9	19 9	2 0	18 27	18 21	22 57	17 49	4 36
T 25	20 57	9 39	4 51	15 13	1 59	10 20	0 10	16 53	1 42	21 55	0 6	12 48	2 13	9 19	0 45	3 23	1 9	19 9	2 0	18 27	18 20	22 59	17 50	4 36
W26	21 7	3 44	4 13	15 50	1 51	10 21	0s 0	16 43	1 41	21 53	0 6	12 50	2 13	9 19	0 46	3 23	1 9	19 9	2 0	18 27	18 19	23 1	17 50	4 36
T 27	21 17	2n34	3 19	16 27	1 43	10 22	0 10	16 32	1 40	21 51	0 6	12 52	2 13	9 18	0 46	3 24	1 9	19 9	2 0	18 28	18 18	23 3	17 51	4 36
F 28	21 27	8 56	2 11	17 3	1 35	10 24	0 19	16 21	1 39	21 50	0 7	12 54	2 14	9 18	0 46	3 25	1 9	19 8	2 0	18 28	18 18	23 4	17 51	4 36
S 29	21 36	14 58	0 53	17 39	1 26	10 27	0 28	16 10	1 38	21 48	0 7	12 56	2 14	9 18	0 46	3 25	1 9	19 8	2 0	18 28	18 17	23 6	17 51	4 36
S 30	21 45	20 13	0n30	18 15	1 17	10 30	0 36	15 59	1 37	21 46	0 7	12 58	2 14	9 18	0 46	3 26	1 9	19 8	2 0	18 28	18 16	23 8	17 52	4 36
M31	21n53	24n10	1n52	18n50	1s 8	10n34	0s44	15n48	1n36	21n45	0n 7	13n 0	2s14	9s17	0s46	3n26	1s 9	19n 8	2n 0	18n28	18n15	23s10	17n52	4s36

Julian Day Number = 2881190.5, Delta T = 01h15m39s
Ecliptic obliquity = 23°17'19, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°12'51, Lahiri = 40°19'51

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ASTRODIENST EPHEMERIS for the year 3176
geocentric

JUNE 3176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 40 13	11♊31'21	29♊ 1	1♊38	0♉12	21♌55	21♋23	11♉26	7♓50	11♈28	11♌35	23°R12	22♉20	9♐19	15♊ 4	T 1
W 2	16 44 10	12°29'21	14♋ 1	3°40	0°49	22°27	21°35	11°33	7°50	11°29	11°36	23♉10	22°17	9°26	15° 9	W 2
T 3	16 48 7	13°27'19	28°42	5°45	1°26	23° 0	21°47	11°40	7°51	11°30	11°37	23° 8	22°14	9°32	15°13	T 3
F 4	16 52 3	14°25'15	12♌58	7°51	2° 5	23°32	21°59	11°47	7°51	11°32	11°38	23° 5	22°11	9°39	15°17	F 4
S 5	16 56 0	15°23'10	26°46	9°58	2°45	24° 4	22°11	11°53	7°51	11°33	11°39	23° 3	22° 8	9°46	15°22	S 5
S 6	16 59 56	16°21'03	10♍ 8	12° 7	3°25	24°37	22°24	12° 0	7°52	11°34	11°40	23° 2	22° 4	9°52	15°26	S 6
M 7	17 3 53	17°18'54	23° 4	14°16	4° 7	25° 9	22°36	12° 7	7°52	11°35	11°41	23°D 2	22° 1	9°59	15°30	M 7
T 8	17 7 49	18°16'43	5♎39	16°27	4°50	25°42	22°48	12°13	7°52	11°36	11°42	23° 3	21°58	10° 6	15°35	T 8
W 9	17 11 46	19°14'31	17°56	18°38	5°34	26°15	23° 1	12°20	7°52	11°38	11°43	23° 5	21°55	10°12	15°39	W 9
T 10	17 15 42	20°12'17	0♏ 0	20°50	6°19	26°48	23°13	12°26	7°52	11°39	11°44	23° 6	21°52	10°19	15°43	T 10
F 11	17 19 39	21°10'02	11°55	23° 2	7° 4	27°20	23°25	12°33	7°R52	11°40	11°45	23° 8	21°49	10°26	15°48	F 11
S 12	17 23 36	22° 7'45	23°45	25°14	7°51	27°53	23°38	12°39	7°52	11°41	11°47	23°R 8	21°45	10°32	15°52	S 12
S 13	17 27 32	23° 5'27	5♐32	27°25	8°38	28°27	23°51	12°46	7°52	11°42	11°48	23° 7	21°42	10°39	15°56	S 13
M14	17 31 29	24° 3'08	17°20	29°36	9°26	29° 0	24° 3	12°52	7°52	11°43	11°49	23° 5	21°39	10°46	16° 1	M14
T 15	17 35 25	25° 0'47	29°12	1♋46	10°14	29°33	24°16	12°58	7°52	11°44	11°50	23° 2	21°36	10°52	16° 5	T 15
W16	17 39 22	25°58'26	11♑ 8	3°54	11° 4	0♍ 6	24°29	13° 4	7°52	11°45	11°51	22°57	21°33	10°59	16° 9	W16
T 17	17 43 18	26°56'03	23°11	6° 2	11°54	0°40	24°41	13°11	7°52	11°46	11°52	22°51	21°30	11° 6	16°13	T 17
F 18	17 47 15	27°53'39	5♒23	8° 7	12°45	1°13	24°54	13°17	7°51	11°46	11°54	22°45	21°26	11°12	16°18	F 18
S 19	17 51 12	28°51'15	17°45	10°11	13°36	1°46	25° 7	13°23	7°51	11°47	11°55	22°39	21°23	11°19	16°22	S 19
S 20	17 55 8	29°48'49	0♓20	12°13	14°28	2°20	25°20	13°29	7°51	11°48	11°56	22°34	21°20	11°26	16°26	S 20
M21	17 59 5	0♋46'23	13°10	14°12	15°21	2°54	25°33	13°35	7°50	11°49	11°57	22°31	21°17	11°32	16°30	M21
T 22	18 3 1	1°43'56	26°18	16°10	16°14	3°27	25°46	13°41	7°50	11°50	11°59	22°D30	21°14	11°39	16°35	T 22
W23	18 6 58	2°41'28	9♈45	18° 5	17° 8	4° 1	25°59	13°46	7°49	11°50	12° 0	22°30	21°10	11°45	16°39	W23
T 24	18 10 54	3°38'59	23°34	19°57	18° 3	4°35	26°12	13°52	7°49	11°51	12° 1	22°31	21° 7	11°52	16°43	T 24
F 25	18 14 51	4°36'30	7♉46	21°48	18°58	5° 9	26°25	13°58	7°48	11°52	12° 3	22°32	21° 4	11°59	16°47	F 25
S 26	18 18 47	5°34'00	22°19	23°35	19°53	5°43	26°38	14° 4	7°47	11°52	12° 4	22°R33	21° 1	12° 5	16°51	S 26
S 27	18 22 44	6°31'30	7♊10	25°20	20°49	6°17	26°51	14° 9	7°46	11°53	12° 5	22°32	20°58	12°12	16°56	S 27
M28	18 26 41	7°28'59	22°13	27° 3	21°45	6°51	27° 5	14°15	7°46	11°53	12° 7	22°29	20°55	12°19	17° 0	M28
T 29	18 30 37	8°26'28	7♋20	28°42	22°42	7°25	27°18	14°20	7°45	11°54	12° 8	22°25	20°51	12°25	17° 4	T 29
W30	18 34 34	9♋23'55	22♋20	0♌20	23♉39	8♍ 0	27♋31	14♉26	7♓44	11♈54	12♌10	22♉18	20♉48	12♐32	17♊ 8	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 1	26n22	3n 5	19n24	0s58	10n39	0s52	15n37	1n35	21n43	0n 7	13n 3	2s14	9s17	0s46	3n27	1s 9	19n 7	2n 0	18n27	18n14	23s12	17n53	4s37
W 2	22 9	26 37	4 5	19 58	0 48	10 45	1 0	15 26	1 34	21 41	0 7	13 4	2 14	9 17	0 46	3 27	1 9	19 7	2 0	18 27	18 14	23 14	17 53	4 37
T 3	22 16	24 59	4 47	20 30	0 38	10 51	1 7	15 14	1 34	21 39	0 7	13 6	2 14	9 17	0 46	3 27	1 9	19 7	2 0	18 26	18 13	23 16	17 53	4 37
F 4	22 23	21 47	5 10	21 1	0 28	10 57	1 14	15 3	1 33	21 37	0 7	13 8	2 14	9 17	0 46	3 28	1 9	19 7	2 0	18 26	18 12	23 17	17 54	4 37
S 5	22 30	17 26	5 15	21 31	0 17	11 4	1 21	14 52	1 32	21 36	0 7	13 10	2 14	9 17	0 46	3 28	1 9	19 6	2 0	18 25	18 11	23 19	17 54	4 37
S 6	22 36	12 23	5 2	21 59	0 7	11 12	1 28	14 40	1 31	21 34	0 7	13 12	2 14	9 17	0 46	3 29	1 9	19 6	2 0	18 25	18 10	23 21	17 55	4 37
M 7	22 41	6 55	4 33	22 26	0n 4	11 20	1 34	14 28	1 30	21 32	0 7	13 14	2 15	9 17	0 46	3 29	1 10	19 6	2 0	18 25	18 9	23 23	17 55	4 37
T 8	22 47	1 20	3 52	22 50	0 14	11 29	1 40	14 16	1 29	21 30	0 7	13 16	2 15	9 17	0 46	3 30	1 10	19 6	2 0	18 25	18 9	23 25	17 55	4 37
W 9	22 51	4s11	3 2	23 13	0 25	11 38	1 46	14 5	1 28	21 28	0 8	13 18	2 15	9 17	0 46	3 30	1 10	19 5	2 0	18 26	18 8	23 26	17 56	4 37
T 10	22 56	9 28	2 4	23 33	0 35	11 47	1 51	13 53	1 28	21 26	0 8	13 20	2 15	9 17	0 46	3 30	1 10	19 5	2 0	18 26	18 7	23 28	17 56	4 37
F 11	23 0	14 20	1 1	23 51	0 45	11 57	1 57	13 41	1 27	21 24	0 8	13 22	2 15	9 17	0 46	3 31	1 10	19 5	2 0	18 26	18 6	23 30	17 56	4 37
S 12	23 3	18 39	0s 3	24 6	0 54	12 7	2 2	13 29	1 26	21 22	0 8	13 23	2 15	9 17	0 46	3 31	1 10	19 5	2 0	18 26	18 5	23 32	17 57	4 37
S 13	23 7	22 12	1 8	24 19	1 3	12 17	2 6	13 16	1 25	21 20	0 8	13 25	2 15	9 17	0 46	3 32	1 10	19 4	2 0	18 26	18 5	23 34	17 57	4 37
M14	23 9	24 50	2 9	24 29	1 12	12 28	2 11	13 4	1 24	21 18	0 8	13 27	2 15	9 17	0 46	3 32	1 10	19 4	2 0	18 26	18 4	23 35	17 57	4 38
T 15	23 12	26 22	3 5	24 37	1 20	12 39	2 15	12 52	1 23	21 15	0 8	13 29	2 16	9 17	0 46	3 32	1 10	19 4	2 0	18 25	18 3	23 37	17 58	4 38
W16	23 14	26 41	3 53	24 41	1 27	12 51	2 19	12 39	1 23	21 13	0 8	13 30	2 16	9 17	0 46	3 33	1 10	19 3	2 1	18 24	18 2	23 39	17 58	4 38
T 17	23 15	25 45	4 31	24 43	1 34	13 2	2 23	12 27	1 22	21 11	0 8	13 32	2 16	9 17	0 46	3 33	1 10	19 3	2 1	18 22	18 1	23 41	17 58	4 38
F 18	23 16	23 36	4 57	24 43	1 40	13 14	2 27	12 14	1 21	21 9	0 8	13 34	2 16	9 17	0 46	3 33	1 10	19 3	2 1	18 21	18 0	23 42	17 59	4 38
S 19	23 17	20 20	5 10	24 40	1 46	13 26	2 30	12 2	1 20	21 7	0 8	13 35	2 16	9 18	0 46	3 33	1 10	19 2	2 1	18 19	18 0	23 44	17 59	4 38
S 20	23 17	16 5	5 8	24 34	1 50	13 38	2 34	11 49	1 19	21 4	0 8	13 37	2 16	9 18	0 47	3 34	1 10	19 2	2 1	18 18	17 59	23 46	17 59	4 38
M21	23 17	11 3	4 51	24 26	1 54	13 50	2 37	11 36	1 19	21 2	0 8	13 39	2 16	9 18	0 47	3 34	1 10	19 2	2 1	18 17	17 58	23 48	18 0	4 38
T 22	23 17	5 26	4 19	24 16	1 57	14 3	2 40	11 23	1 18	21 0	0 9	13 40	2 17	9 18	0 47	3 34	1 10	19 1	2 1	18 17	17 57	23 49	18 0	4 39
W23	23 16	0n36	3 32	24 3	2 0	14 15	2 42	11 10	1 17	20 58	0 9	13 42	2 17	9 18	0 47	3 34	1 10	19 1	2 1	18 17	17 56	23 51	18 0	4 39
T 24	23 14	6 45	2 31	23 49	2 1	14 28	2 45	10 57	1 16	20 55	0 9	13 43	2 17	9 19	0 47	3 35	1 10	19 1	2 1	18 17	17 56	23 53	18 0	4 39
F 25	23 13	12 46	1 19	23 33	2 2	14 40	2 47	10 44	1 15	20 53	0 9	13 45	2 17	9 19	0 47	3 35	1 10	19 0	2 1	18 17	17 55	23 55	18 1	4 39
S 26	23 10	18 13	0 1	23 15	2 2	14 53	2 49	10 31	1 15	20 50	0 9	13 46	2 17	9 19	0 47	3 35	1 10	19 0	2 1	18 18	17 54	23 56	18 1	4 39
S 27	23 8	22 40	1n18	22 55	2 1	15 6	2 51	10 18	1 14	20 48	0 9	13 48	2 17	9 20	0 47	3 35	1 10	19 0	2 1	18 17	17 53	23 58	18 1	4 39
M28	23 5	25 37	2 34	22 35	2 0	15 18	2 53	10 4	1 13	20 46	0 9	13 49	2 18	9 20	0 47	3 35	1 10	18 59	2 1	18 17	17 52	24 0	18 1	4 39
T 29	23 1	26 43	3 38	22 12	1 57	15 31	2 54	9 51	1 12	20 43	0 9	13 51	2 18	9 20	0 47	3 36	1 10	18 59	2 1	18 15	17 51	24 1	18 1	4 40
W30	22n57	25n50	4n27	21n49	1n54	15n44	2s56	9n38	1n12	20n41	0n 9	13n52	2s18	9s21	0s47	3n36	1s11	18n59	2n 1	18n14	17n51	24s 3	18n 2	4s40

Julian Day Number = 2881221.5, Delta T = 01h15m40s
Ecliptic obliquity = 23°17'19, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°12'55, Lahiri = 40°19'55

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ASTRODIENST EPHEMERIS for the year 3176
geocentric

JULY 3176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 38 30	10♋21'22	7♌ 6	1♌54	24♉37	8♍34	27♋44	14♉31	7°R43	11♈55	12♌11	22°R11	20♉45	12♐39	17♊12	T 1
F 2	18 42 27	11°18'48	21°29	3°26	25°35	9° 8	27°58	14°36	7♓42	11°55	12°12	22♉ 4	20°42	12°45	17°16	F 2
S 3	18 46 23	12°16'12	5♍24	4°55	26°33	9°43	28°11	14°41	7°41	11°56	12°14	21°58	20°39	12°52	17°20	S 3
S 4	18 50 20	13°13'36	18°51	6°21	27°32	10°17	28°24	14°46	7°40	11°56	12°15	21°53	20°36	12°59	17°24	S 4
M 5	18 54 16	14°10'59	1♎51	7°45	28°31	10°52	28°38	14°52	7°39	11°56	12°17	21°50	20°32	13° 5	17°28	M 5
T 6	18 58 13	15° 8'21	14°27	9° 6	29°30	11°27	28°51	14°57	7°38	11°57	12°18	21°D50	20°29	13°12	17°32	T 6
W 7	19 2 10	16° 5'42	26°43	10°24	0♊30	12° 1	29° 4	15° 1	7°37	11°57	12°20	21°50	20°26	13°19	17°36	W 7
T 8	19 6 6	17° 3'03	8♏45	11°39	1°30	12°36	29°18	15° 6	7°36	11°57	12°21	21°51	20°23	13°25	17°40	T 8
F 9	19 10 3	18° 0'22	20°37	12°51	2°30	13°11	29°31	15°11	7°34	11°57	12°23	21°R52	20°20	13°32	17°44	F 9
S 10	19 13 59	18°57'41	2♐25	14° 0	3°31	13°46	29°45	15°16	7°33	11°57	12°24	21°51	20°16	13°39	17°48	S 10
S 11	19 17 56	19°55'00	14°13	15° 6	4°32	14°21	29°58	15°20	7°32	11°58	12°26	21°48	20°13	13°45	17°52	S 11
M12	19 21 52	20°52'17	26° 3	16° 9	5°34	14°56	0♌12	15°25	7°30	11°58	12°27	21°44	20°10	13°52	17°55	M12
T 13	19 25 49	21°49'35	8♑ 1	17° 9	6°35	15°31	0°25	15°29	7°29	11°58	12°29	21°36	20° 7	13°59	17°59	T 13
W14	19 29 45	22°46'52	20° 6	18° 5	7°37	16° 6	0°39	15°34	7°27	11°R58	12°30	21°27	20° 4	14° 5	18° 3	W14
T 15	19 33 42	23°44'08	2♒21	18°58	8°39	16°41	0°52	15°38	7°26	11°58	12°32	21°16	20° 1	14°12	18° 7	T 15
F 16	19 37 39	24°41'24	14°47	19°48	9°42	17°16	1° 6	15°42	7°24	11°58	12°33	21° 5	19°57	14°19	18°10	F 16
S 17	19 41 35	25°38'40	27°24	20°34	10°44	17°52	1°19	15°46	7°23	11°58	12°35	20°54	19°54	14°25	18°14	S 17
S 18	19 45 32	26°35'56	10♓12	21°16	11°47	18°27	1°33	15°50	7°21	11°58	12°36	20°45	19°51	14°32	18°18	S 18
M19	19 49 28	27°33'12	23°13	21°54	12°50	19° 2	1°46	15°54	7°20	11°57	12°38	20°38	19°48	14°39	18°21	M19
T 20	19 53 25	28°30'28	6♈27	22°28	13°54	19°38	2° 0	15°58	7°18	11°57	12°40	20°34	19°45	14°45	18°25	T 20
W21	19 57 21	29°27'43	19°56	22°59	14°57	20°13	2°13	16° 2	7°16	11°57	12°41	20°32	19°42	14°52	18°28	W21
T 22	20 1 18	0♌25'00	3♉40	23°25	16° 1	20°49	2°27	16° 6	7°15	11°57	12°43	20°D32	19°38	14°59	18°32	T 22
F 23	20 5 14	1°22'16	17°41	23°46	17° 5	21°24	2°40	16° 9	7°13	11°57	12°44	20°R32	19°35	15° 5	18°35	F 23
S 24	20 9 11	2°19'33	1♊58	24° 4	18°10	22° 0	2°54	16°13	7°11	11°56	12°46	20°32	19°32	15°12	18°39	S 24
S 25	20 13 8	3°16'50	16°31	24°16	19°14	22°36	3° 8	16°16	7° 9	11°56	12°48	20°30	19°29	15°18	18°42	S 25
M26	20 17 4	4°14'07	1♋15	24°24	20°19	23°11	3°21	16°20	7° 7	11°56	12°49	20°25	19°26	15°25	18°46	M26
T 27	20 21 1	5°11'24	16° 3	24°R28	21°24	23°47	3°35	16°23	7° 5	11°55	12°51	20°18	19°22	15°32	18°49	T 27
W28	20 24 57	6° 8'42	0♌50	24°26	22°29	24°23	3°48	16°26	7° 3	11°55	12°53	20° 8	19°19	15°38	18°52	W28
T 29	20 28 54	7° 6'00	15°25	24°20	23°34	24°59	4° 2	16°29	7° 1	11°54	12°54	19°57	19°16	15°45	18°56	T 29
F 30	20 32 50	8° 3'18	29°43	24° 9	24°39	25°35	4°15	16°32	6°59	11°54	12°56	19°46	19°13	15°52	18°59	F 30
S 31	20 36 47	9♌ 0'35	13♍36	23♌54	25♊45	26♍11	4♌29	16♉35	6♓57	11♈53	12♌57	19♉36	19♉10	15♐58	19♊ 2	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22n53	23n10	4n57	21n25	1n51	15n57	2s57	9n24	1n11	20n38	0n 9	13n53	2s18	9s21	0s47	3n36	1s11	18n58	2n 1	18n12	17n50	24s 5	18n 2	4s40	
F 2	22 49	19 7	5 8	20 59	1 46	16 9	2 58	9 11	1 10	20 36	0 9	13 55	2 18	9 21	0 47	3 36	1 11	18 58	2 1	18 10	17 49	24 6	18 2	4 40	
S 3	22 44	14 7	4 59	20 33	1 41	16 22	2 59	8 57	1 9	20 33	0 9	13 56	2 18	9 22	0 47	3 36	1 11	18 58	2 1	18 9	17 48	24 8	18 2	4 40	
S 4	22 38	8 36	4 35	20 6	1 35	16 34	3 0	8 43	1 9	20 30	0 10	13 57	2 19	9 22	0 47	3 36	1 11	18 57	2 1	18 7	17 47	24 10	18 2	4 41	
M 5	22 32	2 53	3 56	19 39	1 28	16 46	3 0	8 30	1 8	20 28	0 10	13 59	2 19	9 23	0 47	3 36	1 11	18 57	2 1	18 7	17 46	24 11	18 3	4 41	
T 6	22 26	2s47	3 7	19 11	1 21	16 59	3 1	8 16	1 7	20 25	0 10	14 0	2 19	9 23	0 47	3 36	1 11	18 57	2 1	18 6	17 46	24 13	18 3	4 41	
W 7	22 20	8 12	2 11	18 42	1 13	17 11	3 1	8 2	1 6	20 23	0 10	14 1	2 19	9 23	0 47	3 36	1 11	18 56	2 1	18 7	17 45	24 15	18 3	4 41	
T 8	22 13	13 13	1 10	18 13	1 5	17 23	3 1	7 48	1 6	20 20	0 10	14 2	2 19	9 24	0 47	3 36	1 11	18 56	2 1	18 7	17 44	24 16	18 3	4 41	
F 9	22 5	17 41	0 7	17 45	0 56	17 34	3 1	7 34	1 5	20 17	0 10	14 4	2 20	9 24	0 47	3 36	1 11	18 55	2 1	18 7	17 43	24 18	18 3	4 42	
S 10	21 57	21 26	0s56	17 16	0 46	17 46	3 1	7 20	1 4	20 14	0 10	14 5	2 20	9 25	0 47	3 36	1 11	18 55	2 1	18 7	17 42	24 19	18 3	4 42	
S 11	21 49	24 18	1 57	16 47	0 36	17 57	3 1	7 6	1 3	20 12	0 10	14 6	2 20	9 25	0 47	3 36	1 11	18 55	2 1	18 6	17 41	24 21	18 3	4 42	
M12	21 41	26 6	2 52	16 18	0 25	18 8	3 0	6 52	1 3	20 9	0 10	14 7	2 20	9 26	0 47	3 36	1 11	18 54	2 1	18 5	17 40	24 23	18 3	4 42	
T 13	21 32	26 43	3 41	15 49	0 14	18 19	3 0	6 38	1 2	20 6	0 10	14 8	2 20	9 27	0 47	3 36	1 11	18 54	2 2	18 3	17 40	24 24	18 4	4 42	
W14	21 23	26 4	4 20	15 21	0 2	18 30	2 59	6 23	1 1	20 3	0 10	14 9	2 21	9 27	0 47	3 36	1 11	18 53	2 2	18 1	17 39	24 26	18 4	4 43	
T 15	21 13	24 10	4 47	14 53	0s10	18 40	2 58	6 9	1 0	20 1	0 11	14 10	2 21	9 28	0 47	3 36	1 11	18 53	2 2	17 58	17 38	24 27	18 4	4 43	
F 16	21 3	21 6	5 1	14 25	0 23	18 50	2 58	5 55	1 0	19 58	0 11	14 11	2 21	9 28	0 47	3 36	1 11	18 53	2 2	17 55	17 37	24 29	18 4	4 43	
S 17	20 53	17 1	5 1	13 58	0 36	19 0	2 57	5 41	0 59	19 55	0 11	14 12	2 21	9 29	0 47	3 36	1 11	18 52	2 2	17 52	17 36	24 31	18 4	4 43	
S 18	20 42	12 7	4 46	13 32	0 50	19 10	2 55	5 26	0 58	19 52	0 11	14 13	2 22	9 30	0 48	3 36	1 11	18 52	2 2	17 50	17 35	24 32	18 4	4 44	
M19	20 31	6 36	4 16	13 7	1 4	19 19	2 54	5 12	0 58	19 49	0 11	14 14	2 22	9 30	0 48	3 36	1 11	18 51	2 2	17 48	17 35	24 34	18 4	4 44	
T 20	20 20	0 42	3 32	12 42	1 18	19 28	2 53	4 57	0 57	19 46	0 11	14 15	2 22	9 31	0 48	3 36	1 11	18 51	2 2	17 47	17 34	24 35	18 4	4 44	
W21	20 8	5n21	2 35	12 19	1 33	19 36	2 52	4 43	0 56	19 43	0 11	14 16	2 22	9 31	0 48	3 36	1 12	18 51	2 2	17 46	17 33	24 37	18 4	4 44	
T 22	19 56	11 16	1 28	11 56	1 47	19 44	2 50	4 28	0 55	19 40	0 11	14 17	2 22	9 32	0 48	3 36	1 12	18 50	2 2	17 46	17 32	24 38	18 4	4 45	
F 23	19 44	16 45	0 15	11 35	2 2	19 52	2 48	4 14	0 55	19 37	0 11	14 17	2 23	9 33	0 48	3 36	1 12	18 50	2 2	17 46	17 31	24 40	18 4	4 45	
S 24	19 31	21 25	1n 0	11 15	2 17	20 0	2 47	3 59	0 54	19 34	0 11	14 18	2 23	9 33	0 48	3 35	1 12	18 49	2 2	17 46	17 30	24 42	18 4	4 45	
S 25	19 18	24 49	2 13	10 57	2 32	20 7	2 45	3 44	0 53	19 31	0 11	14 19	2 23	9 34	0 48	3 35	1 12	18 49	2 2	17 46	17 29	24 43	18 4	4 46	
M26	19 5	26 35	3 18	10 40	2 47	20 14	2 43	3 30	0 53	19 28	0 11	14 20	2 23	9 35	0 48	3 35	1 12	18 49	2 2	17 44	17 29	24 45	18 4	4 46	
T 27	18 51	26 28	4 10	10 25	3 2	20 20	2 41	3 15	0 52	19 25	0 12	14 20	2 24	9 36	0 48	3 35	1 12	18 48	2 2	17 43	17 28	24 46	18 4	4 46	
W28	18 37	24 29	4 45	10 12	3 17	20 26	2 39	3 0	0 51	19 22	0 12	14 21	2 24	9 36	0 48	3 35	1 12	18 48	2 2	17 40	17 27	24 48	18 4	4 46	
T 29	18 23	20 54	5 0	10 0	3 31	20 31	2 37	2 45	0 51	19 19	0 12	14 22	2 24	9 37	0 48	3 34	1 12	18 47	2 2	17 37	17 26	24 49	18 4	4 47	
F 30	18 8	16 8	4 57	9 51	3 45	20 37	2 34	2 30	0 50	19 16	0 12	14 22	2 24	9 38	0 48	3 34	1 12	18 47	2 2	17 34	17 25	24 51	18 4	4 47	
S 31	17n53	10n39	4n36	9n43	3s58	20n41	2s32	2n16	0n49	19n13	0n12	14n23	2s24	9s39	0s48	3n34	1s12	18n47	2n 2	17n32	17n24	24s52	18n 4	4s47	

Julian Day Number = 2881251.5, Delta T = 01h15m40s
Ecliptic obliquity = 23°17'19, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°12'59, Lahiri = 40°20'00

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ASTRODIENST EPHEMERIS for the year 3176
geocentric

AUGUST 3176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 40 44	9♌57'53	27♍ 4	23°R34	26♊51	26♍47	4♌42	16♉38	6°R55	11°R53	12♌59	19°R29	19♉ 7	16♐ 5	19♊ 5	S 1
M 2	20 44 40	10°55'11	10♎ 5	23♌10	27°57	27°23	4°56	16°41	6♓53	11♈52	13° 1	19♉23	19° 3	16°12	19° 8	M 2
T 3	20 48 37	11°52'28	22°43	22°42	29° 3	28° 0	5° 9	16°43	6°51	11°52	13° 2	19°20	19° 0	16°18	19°11	T 3
W 4	20 52 33	12°49'46	5♏ 0	22°11	0♋ 9	28°36	5°23	16°46	6°49	11°51	13° 4	19°19	18°57	16°25	19°14	W 4
T 5	20 56 30	13°47'04	17° 3	21°36	1°15	29°12	5°36	16°48	6°47	11°50	13° 6	19°19	18°54	16°32	19°17	T 5
F 6	21 0 26	14°44'22	28°55	20°59	2°22	29°48	5°50	16°51	6°45	11°50	13° 7	19°19	18°51	16°38	19°20	F 6
S 7	21 4 23	15°41'40	10♐44	20°19	3°28	0♎25	6° 3	16°53	6°43	11°49	13° 9	19°17	18°48	16°45	19°23	S 7
S 8	21 8 19	16°38'58	22°33	19°38	4°35	1° 1	6°17	16°55	6°41	11°48	13°10	19°14	18°44	16°52	19°26	S 8
M 9	21 12 16	17°36'17	4♑28	18°57	5°42	1°38	6°30	16°57	6°38	11°47	13°12	19° 8	18°41	16°58	19°29	M 9
T 10	21 16 13	18°33'36	16°32	18°15	6°49	2°14	6°44	16°59	6°36	11°47	13°14	19° 0	18°38	17° 5	19°31	T 10
W11	21 20 9	19°30'55	28°47	17°34	7°57	2°51	6°57	17° 1	6°34	11°46	13°15	18°49	18°35	17°12	19°34	W11
T 12	21 24 6	20°28'14	11♒16	16°55	9° 4	3°28	7°10	17° 3	6°32	11°45	13°17	18°36	18°32	17°18	19°37	T 12
F 13	21 28 2	21°25'34	23°58	16°17	10°12	4° 4	7°24	17° 4	6°29	11°44	13°19	18°23	18°28	17°25	19°39	F 13
S 14	21 31 59	22°22'55	6♓54	15°43	11°19	4°41	7°37	17° 6	6°27	11°43	13°20	18°11	18°25	17°32	19°42	S 14
S 15	21 35 55	23°20'16	20° 2	15°12	12°27	5°18	7°50	17° 7	6°25	11°42	13°22	18° 0	18°22	17°38	19°44	S 15
M16	21 39 52	24°17'38	3♈22	14°45	13°35	5°55	8° 3	17° 9	6°22	11°41	13°23	17°52	18°19	17°45	19°47	M16
T 17	21 43 48	25°15'01	16°52	14°23	14°43	6°31	8°17	17°10	6°20	11°40	13°25	17°47	18°16	17°52	19°49	T 17
W18	21 47 45	26°12'25	0♉33	14° 6	15°51	7° 8	8°30	17°11	6°18	11°39	13°27	17°44	18°13	17°58	19°51	W18
T 19	21 51 42	27° 9'50	14°22	13°54	17° 0	7°45	8°43	17°12	6°15	11°38	13°28	17°D44	18° 9	18° 5	19°54	T 19
F 20	21 55 38	28° 7'16	28°21	13°D49	18° 8	8°22	8°56	17°13	6°13	11°37	13°30	17°R44	18° 6	18°12	19°56	F 20
S 21	21 59 35	29° 4'43	12♊29	13°50	19°17	9° 0	9° 9	17°14	6°11	11°36	13°31	17°43	18° 3	18°18	19°58	S 21
S 22	22 3 31	0♍ 2'11	26°46	13°57	20°25	9°37	9°22	17°15	6° 8	11°35	13°33	17°41	18° 0	18°25	20° 0	S 22
M23	22 7 28	0°59'41	11♋ 8	14°10	21°34	10°14	9°35	17°15	6° 6	11°34	13°35	17°36	17°57	18°32	20° 2	M23
T 24	22 11 24	1°57'11	25°33	14°30	22°43	10°51	9°48	17°16	6° 3	11°32	13°36	17°29	17°54	18°38	20° 4	T 24
W25	22 15 21	2°54'43	9♌55	14°57	23°52	11°28	10° 1	17°16	6° 1	11°31	13°38	17°20	17°50	18°45	20° 6	W25
T 26	22 19 17	3°52'16	24° 9	15°30	25° 1	12° 6	10°14	17°17	5°59	11°30	13°39	17° 9	17°47	18°52	20° 8	T 26
F 27	22 23 14	4°49'49	8♍ 8	16°10	26°11	12°43	10°27	17°17	5°56	11°29	13°41	16°58	17°44	18°58	20°10	F 27
S 28	22 27 11	5°47'24	21°49	16°57	27°20	13°21	10°40	17°17	5°54	11°28	13°42	16°48	17°41	19° 5	20°12	S 28
S 29	22 31 7	6°44'59	5♎ 8	17°50	28°29	13°58	10°53	17°R17	5°51	11°26	13°44	16°40	17°38	19°12	20°14	S 29
M30	22 35 4	7°42'35	18° 5	18°49	29°39	14°36	11° 6	17°17	5°49	11°25	13°45	16°34	17°34	19°18	20°15	M30
T 31	22 39 0	8♍40'13	0♏40	19♌55	0♌49	15♎13	11♌18	17♉17	5♓47	11♈24	13♌47	16♉31	17♉31	19♐25	20♊17	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	17n38	4n50	4n 0	9n38	4s10	20n45	2s30	2n 1	0n48	19n10	0n12	14n23	2s25	9s39	0s48	3n34	1s12	18n46	2n 3	17n29	17n23	24s54	18n 4	4s48	
M 2	17 23	1s 2	3 12	9 35	4 22	20 49	2 27	1 46	0 48	19 7	0 12	14 24	2 25	9 40	0 48	3 33	1 12	18 46	2 3	17 28	17 23	24 55	18 4	4 48	
T 3	17 7	6 40	2 16	9 34	4 32	20 52	2 25	1 31	0 47	19 3	0 12	14 24	2 25	9 41	0 48	3 33	1 12	18 45	2 3	17 27	17 22	24 57	18 4	4 48	
W 4	16 51	11 56	1 15	9 35	4 41	20 55	2 22	1 16	0 46	19 0	0 12	14 25	2 25	9 42	0 48	3 33	1 12	18 45	2 3	17 27	17 21	24 58	18 4	4 48	
T 5	16 35	16 38	0 12	9 39	4 49	20 57	2 20	1 1	0 46	18 57	0 12	14 25	2 26	9 43	0 48	3 33	1 12	18 45	2 3	17 27	17 20	24 59	18 4	4 49	
F 6	16 19	20 37	0s51	9 44	4 56	20 59	2 17	0 46	0 45	18 54	0 12	14 26	2 26	9 43	0 48	3 32	1 12	18 44	2 3	17 27	17 19	25 1	18 4	4 49	
S 7	16 2	23 45	1 51	9 52	5 1	21 1	2 14	0 31	0 44	18 51	0 13	14 26	2 26	9 44	0 48	3 32	1 12	18 44	2 3	17 26	17 18	25 2	18 3	4 49	
S 8	15 45	25 51	2 46	10 1	5 4	21 2	2 11	0 16	0 44	18 47	0 13	14 27	2 26	9 45	0 48	3 32	1 12	18 43	2 3	17 25	17 17	25 4	18 3	4 50	
M 9	15 28	26 47	3 35	10 12	5 6	21 2	2 8	0 1	0 43	18 44	0 13	14 27	2 27	9 46	0 48	3 31	1 12	18 43	2 3	17 24	17 17	25 5	18 3	4 50	
T 10	15 10	26 28	4 14	10 25	5 6	21 2	2 5	0s14	0 42	18 41	0 13	14 27	2 27	9 47	0 48	3 31	1 12	18 43	2 3	17 22	17 16	25 7	18 3	4 50	
W11	14 52	24 53	4 42	10 39	5 4	21 1	2 2	0 29	0 42	18 38	0 13	14 27	2 27	9 48	0 48	3 31	1 12	18 42	2 3	17 19	17 15	25 8	18 3	4 51	
T 12	14 34	22 3	4 58	10 54	5 0	21 0	1 59	0 44	0 41	18 34	0 13	14 28	2 27	9 48	0 48	3 30	1 12	18 42	2 3	17 15	17 14	25 10	18 3	4 51	
F 13	14 16	18 9	4 59	11 10	4 55	20 58	1 56	0 59	0 40	18 31	0 13	14 28	2 28	9 49	0 48	3 30	1 13	18 41	2 3	17 12	17 13	25 11	18 3	4 51	
S 14	13 58	13 20	4 45	11 27	4 48	20 56	1 53	1 14	0 40	18 28	0 13	14 28	2 28	9 50	0 48	3 29	1 13	18 41	2 3	17 8	17 12	25 12	18 3	4 52	
S 15	13 39	7 50	4 15	11 44	4 39	20 53	1 50	1 30	0 39	18 25	0 13	14 28	2 28	9 51	0 48	3 29	1 13	18 41	2 3	17 5	17 11	25 14	18 2	4 52	
M16	13 20	1 54	3 31	12 1	4 29	20 50	1 47	1 45	0 38	18 21	0 13	14 28	2 28	9 52	0 48	3 29	1 13	18 40	2 4	17 3	17 10	25 15	18 2	4 52	
T 17	13 1	4n12	2 35	12 18	4 18	20 46	1 43	2 0	0 38	18 18	0 14	14 29	2 29	9 53	0 48	3 28	1 13	18 40	2 4	17 2	17 10	25 16	18 2	4 53	
W18	12 42	10 11	1 30	12 35	4 5	20 42	1 40	2 15	0 37	18 15	0 14	14 29	2 29	9 54	0 48	3 28	1 13	18 39	2 4	17 1	17 9	25 18	18 2	4 53	
T 19	12 23	15 46	0 18	12 51	3 51	20 37	1 37	2 30	0 36	18 11	0 14	14 29	2 29	9 54	0 48	3 27	1 13	18 39	2 4	17 1	17 8	25 19	18 2	4 54	
F 20	12 3	20 35	0n56	13 6	3 37	20 32	1 33	2 45	0 36	18 8	0 14	14 29	2 29	9 55	0 48	3 27	1 13	18 39	2 4	17 1	17 7	25 21	18 1	4 54	
S 21	11 43	24 15	2 7	13 21	3 22	20 26	1 30	3 0	0 35	18 5	0 14	14 29	2 30	9 56	0 48	3 26	1 13	18 38	2 4	17 1	17 6	25 22	18 1	4 54	
S 22	11 23	26 26	3 11	13 34	3 6	20 19	1 27	3 15	0 34	18 1	0 14	14 29	2 30	9 57	0 48	3 26	1 13	18 38	2 4	17 0	17 5	25 23	18 1	4 55	
M23	11 3	26 52	4 3	13 46	2 50	20 12	1 23	3 31	0 34	17 58	0 14	14 29	2 30	9 58	0 48	3 25	1 13	18 38	2 4	16 59	17 4	25 25	18 1	4 55	
T 24	10 43	25 29	4 40	13 56	2 33	20 5	1 20	3 46	0 33	17 55	0 14	14 28	2 30	9 59	0 48	3 25	1 13	18 37	2 4	16 57	17 3	25 26	18 1	4 55	
W25	10 22	22 27	4 59	14 4	2 16	19 57	1 16	4 1	0 33	17 51	0 14	14 28	2 31	10 0	0 48	3 25	1 13	18 37	2 4	16 54	17 3	25 27	18 0	4 56	
T 26	10 2	18 6	4 59	14 11	1 59	19 48	1 13	4 16	0 32	17 48	0 14	14 28	2 31	10 1	0 48	3 24	1 13	18 36	2 4	16 51	17 2	25 29	18 0	4 56	
F 27	9 41	12 49	4 41	14 15	1 43	19 39	1 9	4 31	0 31	17 45	0 15	14 28	2 31	10 1	0 48	3 24	1 13	18 36	2 4	16 48	17 1	25 30	18 0	4 57	
S 28	9 20	7 1	4 8	14 17	1 26	19 29	1 6	4 46	0 31	17 41	0 15	14 28	2 31	10 2	0 48	3 23	1 13	18 36	2 4	16 45	17 0	25 31	18 0	4 57	
S 29	8 59	1 3	3 21	14 17	1 10	19 19	1 2	5 1	0 30	17 38	0 15	14 28	2 32	10 3	0 48	3 22	1 13	18 35	2 5	16 43	16 59	25 33	17 59	4 57	
M30	8 37	4s49	2 25	14 14	0 54	19 8	0 59	5 16	0 29	17 34	0 15	14 27	2 32	10 4	0 48	3 22	1 13	18 35	2 5	16 41	16 58	25 34	17 59	4 58	
T 31	8n16	10s20	1n23	14n 9	0s38	18n57	0s55	5s31	0n29	17n31	0n15	14n27	2s32	10s 5	0s48	3n21	1s13	18n35	2n 5	16n40	16n57	25s35	17n59	4s58	

Julian Day Number = 2881282.5, Delta T = 01h15m41s
Ecliptic obliquity = 23°17'20, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°13'03, Lahiri = 40°20'04

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ASTRODIENST EPHEMERIS for the year 3176
geocentric

SEPTEMBER 3176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 42 57	9♍37'51	12♏57	21♌ 6	1♌58	15♎51	11♌31	17°R16	5°R44	11°R22	13♌48	16°D29	17♉28	19♐32	20♊18	W 1
T 2	22 46 53	10°35'30	25° 0	22°23	3° 8	16°29	11°44	17♉16	5♓42	11♈21	13°50	16♉30	17°25	19°38	20°20	T 2
F 3	22 50 50	11°33'10	6♐54	23°46	4°18	17° 7	11°56	17°15	5°40	11°20	13°51	16°R30	17°22	19°45	20°21	F 3
S 4	22 54 46	12°30'51	18°44	25°13	5°28	17°44	12° 9	17°15	5°37	11°18	13°53	16°30	17°19	19°52	20°23	S 4
S 5	22 58 43	13°28'33	0♑35	26°45	6°38	18°22	12°21	17°14	5°35	11°17	13°54	16°28	17°15	19°58	20°24	S 5
M 6	23 2 40	14°26'16	12°32	28°22	7°49	19° 0	12°34	17°13	5°32	11°15	13°56	16°25	17°12	20° 5	20°25	M 6
T 7	23 6 36	15°24'00	24°40	0♍ 3	8°59	19°38	12°46	17°12	5°30	11°14	13°57	16°19	17° 9	20°12	20°26	T 7
W 8	23 10 33	16°21'45	7♒ 3	1°48	10° 9	20°16	12°58	17°11	5°28	11°13	13°59	16°11	17° 6	20°18	20°28	W 8
T 9	23 14 29	17°19'31	19°43	3°35	11°20	20°54	13°11	17°10	5°25	11°11	14° 0	16° 1	17° 3	20°25	20°29	T 9
F 10	23 18 26	18°17'18	2♓40	5°25	12°30	21°32	13°23	17° 9	5°23	11°10	14° 1	15°51	16°59	20°32	20°30	F 10
S 11	23 22 22	19°15'06	15°55	7°18	13°41	22°10	13°35	17° 7	5°21	11° 8	14° 3	15°41	16°56	20°38	20°31	S 11
S 12	23 26 19	20°12'56	29°25	9°13	14°52	22°49	13°47	17° 6	5°18	11° 7	14° 4	15°33	16°53	20°45	20°31	S 12
M13	23 30 15	21°10'47	13♈ 9	11° 9	16° 3	23°27	13°59	17° 5	5°16	11° 5	14° 6	15°27	16°50	20°52	20°32	M13
T 14	23 34 12	22° 8'40	27° 3	13° 6	17°14	24° 5	14°11	17° 3	5°14	11° 4	14° 7	15°23	16°47	20°58	20°33	T 14
W15	23 38 8	23° 6'34	11♉ 5	15° 4	18°25	24°43	14°23	17° 1	5°12	11° 2	14° 8	15°D22	16°44	21° 5	20°34	W15
T 16	23 42 5	24° 4'31	25°11	17° 2	19°36	25°22	14°35	16°59	5° 9	11° 0	14°10	15°22	16°40	21°12	20°34	T 16
F 17	23 46 2	25° 2'29	9♊19	19° 1	20°47	26° 0	14°47	16°57	5° 7	10°59	14°11	15°23	16°37	21°18	20°35	F 17
S 18	23 49 58	26° 0'28	23°29	20°59	21°59	26°39	14°58	16°55	5° 5	10°57	14°12	15°R24	16°34	21°25	20°35	S 18
S 19	23 53 55	26°58'30	7♋38	22°57	23°10	27°17	15°10	16°53	5° 3	10°56	14°13	15°24	16°31	21°32	20°36	S 19
M20	23 57 51	27°56'34	21°45	24°55	24°22	27°56	15°22	16°51	5° 1	10°54	14°15	15°21	16°28	21°38	20°36	M20
T 21	0 1 48	28°54'39	5♌48	26°52	25°33	28°35	15°33	16°49	4°59	10°53	14°16	15°17	16°25	21°45	20°37	T 21
W22	0 5 44	29°52'46	19°45	28°48	26°45	29°13	15°44	16°46	4°56	10°51	14°17	15°11	16°21	21°52	20°37	W22
T 23	0 9 41	0♎50'55	3♍32	0♎44	27°57	29°52	15°56	16°44	4°54	10°49	14°18	15° 4	16°18	21°58	20°37	T 23
F 24	0 13 37	1°49'05	17° 6	2°38	29° 8	0♏31	16° 7	16°41	4°52	10°48	14°19	14°57	16°15	22° 5	20°37	F 24
S 25	0 17 34	2°47'18	0♎25	4°32	0♍20	1°10	16°18	16°39	4°50	10°46	14°21	14°50	16°12	22°12	20°R37	S 25
S 26	0 21 31	3°45'32	13°27	6°24	1°32	1°49	16°29	16°36	4°48	10°44	14°22	14°45	16° 9	22°18	20°37	S 26
M27	0 25 27	4°43'47	26°12	8°15	2°44	2°28	16°40	16°33	4°46	10°43	14°23	14°41	16° 5	22°25	20°37	M27
T 28	0 29 24	5°42'04	8♏40	10° 6	3°56	3° 7	16°51	16°30	4°44	10°41	14°24	14°39	16° 2	22°32	20°37	T 28
W29	0 33 20	6°40'23	20°53	11°55	5° 9	3°46	17° 2	16°27	4°42	10°39	14°25	14°D39	15°59	22°38	20°37	W29
T 30	0 37 17	7♎38'43	2♐54	13♎43	6♍21	4♏25	17♌13	16♉24	4♓40	10♈38	14♌26	14♉41	15♉56	22♐45	20♊37	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n55	15s20	0n19	14n 1	0s23	18n45	0s52	5s46	0n28	17n28	0n15	14n27	2s32	10s 6	0s48	3n21	1s13	18n34	2n 5	16n40	16n56	25s36	17n59	4s58
T 2	7 33	19 38	0s45	13 50	0 8	18 33	0 48	6 1	0 27	17 24	0 15	14 26	2 33	10 7	0 48	3 20	1 13	18 34	2 5	16 40	16 55	25 38	17 58	4 59
F 3	7 11	23 5	1 47	13 36	0n 5	18 20	0 45	6 16	0 27	17 21	0 15	14 26	2 33	10 8	0 48	3 20	1 13	18 34	2 5	16 40	16 55	25 39	17 58	4 59
S 4	6 49	25 31	2 43	13 19	0 18	18 7	0 41	6 31	0 26	17 18	0 15	14 26	2 33	10 8	0 48	3 19	1 13	18 33	2 5	16 40	16 54	25 40	17 58	5 0
S 5	6 27	26 50	3 33	13 0	0 31	17 53	0 38	6 46	0 25	17 14	0 16	14 25	2 33	10 9	0 48	3 19	1 13	18 33	2 5	16 39	16 53	25 41	17 57	5 0
M 6	6 5	26 54	4 13	12 37	0 42	17 39	0 34	7 1	0 25	17 11	0 16	14 25	2 34	10 10	0 48	3 18	1 13	18 33	2 5	16 38	16 52	25 43	17 57	5 0
T 7	5 43	25 42	4 43	12 12	0 53	17 24	0 31	7 16	0 24	17 7	0 16	14 24	2 34	10 11	0 48	3 17	1 13	18 32	2 5	16 37	16 51	25 44	17 57	5 1
W 8	5 21	23 14	5 1	11 44	1 2	17 9	0 27	7 31	0 24	17 4	0 16	14 24	2 34	10 12	0 48	3 17	1 13	18 32	2 5	16 34	16 50	25 45	17 56	5 1
T 9	4 59	19 37	5 4	11 14	1 11	16 53	0 24	7 45	0 23	17 1	0 16	14 23	2 34	10 13	0 48	3 16	1 13	18 32	2 6	16 32	16 49	25 46	17 56	5 2
F 10	4 36	15 0	4 52	10 41	1 18	16 37	0 20	8 0	0 22	16 57	0 16	14 23	2 34	10 14	0 48	3 16	1 13	18 31	2 6	16 29	16 48	25 48	17 56	5 2
S 11	4 14	9 35	4 24	10 6	1 25	16 20	0 17	8 15	0 22	16 54	0 16	14 22	2 35	10 14	0 48	3 15	1 13	18 31	2 6	16 26	16 47	25 49	17 55	5 2
S 12	3 51	3 36	3 41	9 28	1 31	16 3	0 14	8 29	0 21	16 51	0 16	14 21	2 35	10 15	0 48	3 14	1 13	18 31	2 6	16 24	16 47	25 50	17 55	5 3
M13	3 29	2n38	2 44	8 49	1 36	15 46	0 10	8 44	0 20	16 47	0 16	14 21	2 35	10 16	0 48	3 14	1 14	18 30	2 6	16 22	16 46	25 51	17 55	5 3
T 14	3 6	8 51	1 37	8 8	1 39	15 28	0 7	8 59	0 20	16 44	0 17	14 20	2 35	10 17	0 48	3 13	1 14	18 30	2 6	16 21	16 45	25 52	17 54	5 4
W15	2 43	14 41	0 23	7 25	1 42	15 9	0 4	9 13	0 19	16 41	0 17	14 19	2 36	10 18	0 48	3 13	1 14	18 30	2 6	16 20	16 44	25 54	17 54	5 4
T 16	2 20	19 47	0n53	6 42	1 44	14 50	0 0	9 28	0 18	16 37	0 17	14 19	2 36	10 19	0 48	3 12	1 14	18 30	2 6	16 21	16 43	25 55	17 54	5 4
F 17	1 58	23 46	2 5	5 57	1 46	14 31	0n 3	9 42	0 18	16 34	0 17	14 18	2 36	10 19	0 48	3 11	1 14	18 29	2 6	16 21	16 42	25 56	17 53	5 5
S 18	1 35	26 18	3 11	5 11	1 46	14 11	0 6	9 57	0 17	16 31	0 17	14 17	2 36	10 20	0 48	3 11	1 14	18 29	2 6	16 21	16 41	25 57	17 53	5 5
S 19	1 12	27 8	4 4	4 24	1 46	13 51	0 9	10 11	0 17	16 28	0 17	14 16	2 36	10 21	0 48	3 10	1 14	18 29	2 7	16 21	16 40	25 58	17 53	5 6
M20	0 49	26 12	4 43	3 37	1 45	13 31	0 12	10 25	0 16	16 24	0 17	14 16	2 37	10 22	0 48	3 9	1 14	18 28	2 7	16 20	16 39	25 59	17 52	5 6
T 21	0 26	23 37	5 4	2 49	1 43	13 10	0 16	10 40	0 15	16 21	0 17	14 15	2 37	10 22	0 48	3 9	1 14	18 28	2 7	16 19	16 38	26 1	17 52	5 7
W22	0 3	19 40	5 7	2 1	1 41	12 49	0 19	10 54	0 15	16 18	0 18	14 14	2 37	10 23	0 48	3 8	1 14	18 28	2 7	16 17	16 37	26 2	17 51	5 7
T 23	0s20	14 42	4 53	1 13	1 39	12 27	0 22	11 8	0 14	16 15	0 18	14 13	2 37	10 24	0 48	3 8	1 14	18 28	2 7	16 15	16 37	26 3	17 51	5 7
F 24	0 43	9 5	4 21	0 25	1 35	12 5	0 25	11 22	0 14	16 11	0 18	14 12	2 38	10 25	0 48	3 7	1 14	18 27	2 7	16 13	16 36	26 4	17 51	5 8
S 25	1 6	3 9	3 37	0s23	1 32	11 43	0 27	11 36	0 13	16 8	0 18	14 11	2 38	10 25	0 48	3 6	1 14	18 27	2 7	16 11	16 35	26 5	17 50	5 8
S 26	1 29	2s48	2 41	1 11	1 27	11 20	0 30	11 50	0 12	16 5	0 18	14 10	2 38	10 26	0 48	3 6	1 14	18 27	2 7	16 10	16 34	26 6	17 50	5 9
M27	1 52	8 31	1 39	1 59	1 23	10 57	0 33	12 4	0 12	16 2	0 18	14 9	2 38	10 27	0 48	3 5	1 14	18 27	2 7	16 9	16 33	26 7	17 49	5 9
T 28	2 15	13 47	0 33	2 47	1 18	10 34	0 36	12 18	0 11	15 59	0 18	14 8	2 38	10 27	0 48	3 4	1 14	18 26	2 7	16 8	16 32	26 8	17 49	5 9
W29	2 38	18 24	0s34	3 34	1 13	10 10	0 39	12 32	0 10	15 55	0 18	14 7	2 38	10 28	0 48	3 4	1 14	18 26	2 8	16 8	16 31	26 9	17 49	5 10
T 30	3s 1	22s12	1s38	4s21	1n 7	9n46	0n41	12s46	0n10	15n52	0n19	14n 6	2s39	10s29	0s48	3n 3	1s14	18n26	2n 8	16n 8	16n30	26s11	17n48	5s10

Julian Day Number = 2881313.5, Delta T = 01h15m42s
Ecliptic obliquity = 23°17'20, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°13'08, Lahiri = 40°20'08

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ASTRODIENST EPHEMERIS for the year 3176
geocentric

OCTOBER 3176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 41 13	8♎37'05	14♐47	15♎30	7♍33	5♏ 4	17♌24	16°R21	4°R39	10°R36	14♌27	14♉42	15♉53	22♐52	20°R36	F 1
S 2	0 45 10	9°35'29	26°37	17°15	8°46	5°43	17°34	16♉18	4♓37	10♈34	14°28	14°44	15°50	22°58	20♊36	S 2
S 3	0 49 6	10°33'54	8♑28	19° 0	9°58	6°23	17°45	16°14	4°35	10°33	14°29	14°R45	15°46	23° 5	20°35	S 3
M 4	0 53 3	11°32'20	20°26	20°43	11°11	7° 2	17°55	16°11	4°33	10°31	14°30	14°44	15°43	23°12	20°35	M 4
T 5	0 57 0	12°30'48	2♒35	22°26	12°23	7°42	18° 5	16° 7	4°31	10°29	14°31	14°42	15°40	23°18	20°34	T 5
W 6	1 0 56	13°29'18	14°59	24° 7	13°36	8°21	18°16	16° 4	4°30	10°28	14°32	14°39	15°37	23°25	20°34	W 6
T 7	1 4 53	14°27'49	27°43	25°48	14°49	9° 0	18°26	16° 0	4°28	10°26	14°33	14°35	15°34	23°32	20°33	T 7
F 8	1 8 49	15°26'22	10♓49	27°27	16° 1	9°40	18°36	15°57	4°26	10°25	14°34	14°30	15°31	23°38	20°32	F 8
S 9	1 12 46	16°24'56	24°16	29° 5	17°14	10°20	18°46	15°53	4°25	10°23	14°35	14°26	15°27	23°45	20°31	S 9
S 10	1 16 42	17°23'32	8♈ 4	0♏43	18°27	10°59	18°55	15°49	4°23	10°21	14°36	14°22	15°24	23°52	20°30	S 10
M11	1 20 39	18°22'10	22°11	2°19	19°40	11°39	19° 5	15°45	4°22	10°20	14°37	14°20	15°21	23°58	20°29	M11
T 12	1 24 35	19°20'50	6♉31	3°54	20°53	12°19	19°15	15°41	4°20	10°18	14°38	14°18	15°18	24° 5	20°28	T 12
W13	1 28 32	20°19'31	20°59	5°29	22° 6	12°59	19°24	15°37	4°19	10°16	14°38	14°D18	15°15	24°12	20°27	W13
T 14	1 32 28	21°18'15	5♊30	7° 2	23°19	13°38	19°33	15°33	4°17	10°15	14°39	14°19	15°11	24°19	20°26	T 14
F 15	1 36 25	22°17'02	19°59	8°35	24°33	14°18	19°43	15°29	4°16	10°13	14°40	14°20	15° 8	24°25	20°25	F 15
S 16	1 40 22	23°15'50	4♋22	10° 7	25°46	14°58	19°52	15°25	4°15	10°11	14°41	14°22	15° 5	24°32	20°24	S 16
S 17	1 44 18	24°14'41	18°36	11°37	26°59	15°38	20° 1	15°21	4°14	10°10	14°42	14°R22	15° 2	24°39	20°22	S 17
M18	1 48 15	25°13'34	2♌38	13° 7	28°13	16°18	20°10	15°16	4°12	10° 8	14°42	14°22	14°59	24°45	20°21	M18
T 19	1 52 11	26°12'29	16°28	14°36	29°26	16°58	20°19	15°12	4°11	10° 7	14°43	14°21	14°56	24°52	20°19	T 19
W20	1 56 8	27°11'26	0♍ 4	16° 4	0♎40	17°39	20°27	15° 8	4°10	10° 5	14°44	14°20	14°52	24°59	20°18	W20
T 21	2 0 4	28°10'25	13°27	17°31	1°53	18°19	20°36	15° 3	4° 9	10° 4	14°44	14°18	14°49	25° 5	20°16	T 21
F 22	2 4 1	29° 9'27	26°36	18°58	3° 7	18°59	20°44	14°59	4° 8	10° 2	14°45	14°15	14°46	25°12	20°15	F 22
S 23	2 7 57	0♏ 8'30	9♎32	20°23	4°21	19°40	20°52	14°54	4° 7	10° 0	14°45	14°13	14°43	25°19	20°13	S 23
S 24	2 11 54	1° 7'36	22°13	21°47	5°34	20°20	21° 1	14°50	4° 6	9°59	14°46	14°12	14°40	25°25	20°11	S 24
M25	2 15 51	2° 6'44	4♏42	23°11	6°48	21° 0	21° 9	14°45	4° 5	9°57	14°46	14°11	14°36	25°32	20° 9	M25
T 26	2 19 47	3° 5'53	16°58	24°33	8° 2	21°41	21°17	14°40	4° 4	9°56	14°47	14°D11	14°33	25°39	20° 8	T 26
W27	2 23 44	4° 5'05	29° 3	25°54	9°16	22°22	21°24	14°36	4° 3	9°54	14°47	14°11	14°30	25°45	20° 6	W27
T 28	2 27 40	5° 4'19	11♐ 1	27°14	10°30	23° 2	21°32	14°31	4° 2	9°53	14°48	14°12	14°27	25°52	20° 4	T 28
F 29	2 31 37	6° 3'34	22°52	28°33	11°44	23°43	21°39	14°27	4° 2	9°52	14°48	14°13	14°24	25°59	20° 2	F 29
S 30	2 35 33	7° 2'51	4♑41	29°51	12°58	24°24	21°47	14°22	4° 1	9°50	14°49	14°14	14°21	26° 5	20° 0	S 30
S 31	2 39 30	8♏ 2'10	16♑31	1♐ 7	14♎12	25♏ 4	21♌54	14♉17	4♓ 0	9♈49	14♌49	14♉14	14♉17	26♐12	19♊58	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s24	25s 2	2s37	5s 7	1n 1	9n22	0n44	12s59	0n 9	15n49	0n19	14n 5	2s39	10s29	0s48	3n 2	1s14	18n26	2n 8	16n 9	16n29	26s12	17n48	5s11
S 2	3 47	26 44	3 29	5 53	0 55	8 57	0 47	13 13	0 9	15 46	0 19	14 4	2 39	10 30	0 48	3 2	1 14	18 26	2 8	16 9	16 28	26 13	17 47	5 11
S 3	4 9	27 13	4 12	6 38	0 49	8 33	0 49	13 26	0 8	15 43	0 19	14 3	2 39	10 31	0 48	3 1	1 14	18 25	2 8	16 10	16 27	26 14	17 47	5 11
M 4	4 32	26 27	4 45	7 23	0 43	8 8	0 52	13 40	0 7	15 40	0 19	14 2	2 39	10 31	0 48	3 0	1 14	18 25	2 8	16 9	16 27	26 15	17 46	5 12
T 5	4 55	24 25	5 6	8 7	0 36	7 42	0 54	13 53	0 7	15 37	0 19	14 1	2 39	10 32	0 48	3 0	1 14	18 25	2 8	16 9	16 26	26 16	17 46	5 12
W 6	5 17	21 13	5 13	8 51	0 29	7 17	0 56	14 6	0 6	15 34	0 19	14 0	2 40	10 33	0 48	2 59	1 14	18 25	2 8	16 8	16 25	26 17	17 45	5 13
T 7	5 40	16 57	5 5	9 34	0 22	6 51	0 59	14 19	0 6	15 31	0 19	13 58	2 40	10 33	0 48	2 58	1 14	18 25	2 8	16 7	16 24	26 18	17 45	5 13
F 8	6 3	11 48	4 41	10 16	0 15	6 25	1 1	14 32	0 5	15 28	0 20	13 57	2 40	10 34	0 48	2 58	1 14	18 25	2 9	16 5	16 23	26 19	17 45	5 13
S 9	6 25	5 57	4 1	10 57	0 8	5 59	1 3	14 45	0 4	15 25	0 20	13 56	2 40	10 34	0 48	2 57	1 14	18 24	2 9	16 4	16 22	26 20	17 44	5 14
S 10	6 47	0n20	3 6	11 38	0 1	5 32	1 5	14 58	0 4	15 22	0 20	13 55	2 40	10 35	0 48	2 56	1 14	18 24	2 9	16 3	16 21	26 21	17 44	5 14
M11	7 9	6 45	1 59	12 18	0s 6	5 6	1 7	15 11	0 3	15 20	0 20	13 54	2 40	10 35	0 48	2 56	1 14	18 24	2 9	16 2	16 20	26 22	17 43	5 15
T 12	7 32	12 56	0 43	12 57	0 14	4 39	1 9	15 24	0 3	15 17	0 20	13 52	2 40	10 36	0 48	2 55	1 14	18 24	2 9	16 2	16 19	26 23	17 43	5 15
W13	7 54	18 29	0n37	13 36	0 21	4 12	1 11	15 36	0 2	15 14	0 20	13 51	2 41	10 36	0 48	2 55	1 14	18 24	2 9	16 2	16 18	26 24	17 42	5 15
T 14	8 16	22 58	1 54	14 13	0 28	3 45	1 13	15 49	0 1	15 11	0 20	13 50	2 41	10 37	0 48	2 54	1 14	18 24	2 9	16 2	16 17	26 25	17 42	5 16
F 15	8 37	25 58	3 4	14 50	0 36	3 18	1 15	16 1	0 1	15 8	0 21	13 49	2 41	10 37	0 47	2 53	1 14	18 24	2 9	16 2	16 16	26 26	17 41	5 16
S 16	8 59	27 15	4 2	15 26	0 43	2 50	1 16	16 13	0 0	15 6	0 21	13 47	2 41	10 38	0 47	2 53	1 14	18 23	2 9	16 3	16 16	26 27	17 41	5 17
S 17	9 21	26 42	4 44	16 1	0 50	2 23	1 18	16 26	0s 0	15 3	0 21	13 46	2 41	10 38	0 47	2 52	1 14	18 23	2 10	16 3	16 15	26 28	17 40	5 17
M18	9 42	24 28	5 9	16 36	0 58	1 55	1 19	16 38	0 1	15 0	0 21	13 45	2 41	10 39	0 47	2 51	1 14	18 23	2 10	16 3	16 14	26 29	17 40	5 17
T 19	10 3	20 49	5 15	17 9	1 5	1 28	1 21	16 50	0 2	14 58	0 21	13 43	2 41	10 39	0 47	2 51	1 14	18 23	2 10	16 3	16 13	26 30	17 39	5 18
W20	10 24	16 7	5 4	17 42	1 12	1 0	1 22	17 1	0 2	14 55	0 21	13 42	2 41	10 39	0 47	2 50	1 14	18 23	2 10	16 2	16 12	26 31	17 39	5 18
T 21	10 46	10 43	4 36	18 13	1 19	0 32	1 24	17 13	0 3	14 53	0 22	13 41	2 41	10 40	0 47	2 50	1 14	18 23	2 10	16 2	16 11	26 32	17 39	5 18
F 22	11 6	4 55	3 54	18 44	1 26	0 4	1 25	17 25	0 3	14 50	0 22	13 39	2 41	10 40	0 47	2 49	1 14	18 23	2 10	16 1	16 10	26 33	17 38	5 19
S 23	11 27	0s59	3 0	19 14	1 33	0s24	1 26	17 36	0 4	14 48	0 22	13 38	2 41	10 40	0 47	2 48	1 14	18 23	2 10	16 0	16 9	26 33	17 38	5 19
S 24	11 48	6 46	1 59	19 42	1 40	0 52	1 27	17 48	0 5	14 45	0 22	13 37	2 41	10 41	0 47	2 48	1 14	18 23	2 10	16 0	16 8	26 34	17 37	5 19
M25	12 8	12 11	0 52	20 10	1 46	1 20	1 28	17 59	0 5	14 43	0 22	13 35	2 41	10 41	0 47	2 47	1 14	18 23	2 11	16 0	16 7	26 35	17 37	5 20
T 26	12 28	17 3	0s15	20 37	1 53	1 48	1 29	18 10	0 6	14 40	0 22	13 34	2 42	10 41	0 47	2 47	1 14	18 23	2 11	16 0	16 6	26 36	17 36	5 20
W27	12 48	21 9	1 22	21 3	1 59	2 16	1 30	18 21	0 6	14 38	0 22	13 32	2 42	10 42	0 47	2 46	1 14	18 23	2 11	16 0	16 5	26 37	17 36	5 21
T 28	13 8	24 19	2 23	21 27	2 5	2 44	1 31	18 32	0 7	14 36	0 23	13 31	2 42	10 42	0 47	2 46	1 14	18 23	2 11	16 0	16 4	26 38	17 35	5 21
F 29	13 27	26 24	3 19	21 51	2 11	3 12	1 32	18 42	0 8	14 33	0 23	13 30	2 42	10 42	0 47	2 45	1 14	18 23	2 11	16 0	16 3	26 39	17 35	5 21
S 30	13 47	27 17	4 5	22 14	2 17	3 40	1 32	18 53	0 8	14 31	0 23	13 28	2 42	10 42	0 47	2 44	1 14	18 23	2 11	16 1	16 3	26 40	17 34	5 22
S 31	14s 6	26s55	4s41	22s35	2s23	4s 8	1n33	19s 3	0s 9	14n29	0n23	13n27	2s42	10s43	0s47	2n44	1s14	18n23	2n11	16n 1	16n 2	26s41	17n34	5s22

Julian Day Number = 2881343.5, Delta T = 01h15m42s
Ecliptic obliquity = 23°17'20, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°13'12, Lahiri = 40°20'12

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ASTRODIENST EPHEMERIS for the year 3176
geocentric

NOVEMBER 3176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 43 26	9♏ 1'31	28♉28	2♐22	15♎26	25♏45	22♌ 1	14°R12	4°R 0	9°R47	14♌50	14♉15	14♉14	26♐19	19°R55	M 1
T 2	2 47 23	10° 0'53	10♒34	3°36	16°40	26°26	22° 8	14♉ 8	3♓59	9♈46	14°50	14°R15	14°11	26°25	19♊53	T 2
W 3	2 51 20	11° 0'17	22°56	4°47	17°54	27° 7	22°15	14° 3	3°59	9°45	14°50	14°15	14° 8	26°32	19°51	W 3
T 4	2 55 16	11°59'43	5♓37	5°58	19° 8	27°48	22°21	13°58	3°58	9°43	14°50	14°15	14° 5	26°39	19°49	T 4
F 5	2 59 13	12°59'10	18°41	7° 6	20°23	28°29	22°28	13°53	3°58	9°42	14°51	14°14	14° 2	26°45	19°46	F 5
S 6	3 3 9	13°58'39	2♈10	8°12	21°37	29°10	22°34	13°49	3°57	9°41	14°51	14°D14	13°58	26°52	19°44	S 6
S 7	3 7 6	14°58'10	16° 5	9°16	22°51	29°51	22°40	13°44	3°57	9°39	14°51	14°14	13°55	26°59	19°41	S 7
M 8	3 11 2	15°57'43	0♉24	10°17	24° 6	0♐33	22°46	13°39	3°57	9°38	14°51	14°14	13°52	27° 5	19°39	M 8
T 9	3 14 59	16°57'17	15° 2	11°16	25°20	1°14	22°52	13°34	3°57	9°37	14°52	14°R14	13°49	27°12	19°36	T 9
W10	3 18 55	17°56'54	29°54	12°12	26°35	1°55	22°58	13°30	3°56	9°36	14°52	14°14	13°46	27°19	19°34	W10
T 11	3 22 52	18°56'32	14♊52	13° 4	27°49	2°37	23° 3	13°25	3°56	9°34	14°52	14°14	13°42	27°26	19°31	T 11
F 12	3 26 49	19°56'13	29°47	13°53	29° 4	3°18	23° 9	13°20	3°56	9°33	14°52	14°14	13°39	27°32	19°28	F 12
S 13	3 30 45	20°55'56	14♋32	14°38	0♏18	4° 0	23°14	13°16	3°D56	9°32	14°52	14°13	13°36	27°39	19°26	S 13
S 14	3 34 42	21°55'41	29° 1	15°18	1°33	4°41	23°19	13°11	3°56	9°31	14°52	14°12	13°33	27°46	19°23	S 14
M15	3 38 38	22°55'28	13♌11	15°53	2°47	5°23	23°24	13° 6	3°56	9°30	14°R52	14°12	13°30	27°52	19°20	M15
T 16	3 42 35	23°55'17	26°59	16°22	4° 2	6° 4	23°29	13° 2	3°57	9°29	14°52	14°D12	13°27	27°59	19°17	T 16
W17	3 46 31	24°55'09	10♍27	16°46	5°17	6°46	23°33	12°57	3°57	9°28	14°52	14°12	13°23	28° 6	19°15	W17
T 18	3 50 28	25°55'02	23°34	17° 3	6°31	7°28	23°38	12°52	3°57	9°27	14°52	14°13	13°20	28°12	19°12	T 18
F 19	3 54 25	26°54'58	6♎25	17°12	7°46	8°10	23°42	12°48	3°57	9°26	14°52	14°14	13°17	28°19	19° 9	F 19
S 20	3 58 21	27°54'55	19° 0	17°R14	9° 1	8°52	23°46	12°43	3°58	9°25	14°52	14°15	13°14	28°26	19° 6	S 20
S 21	4 2 18	28°54'55	1♏23	17° 7	10°16	9°33	23°50	12°39	3°58	9°24	14°51	14°16	13°11	28°32	19° 3	S 21
M22	4 6 14	29°54'57	13°35	16°50	11°31	10°15	23°53	12°34	3°59	9°23	14°51	14°R16	13° 8	28°39	19° 0	M22
T 23	4 10 11	0♐55'00	25°39	16°25	12°45	10°57	23°57	12°30	3°59	9°22	14°51	14°16	13° 4	28°46	18°57	T 23
W24	4 14 7	1°55'06	7♐37	15°49	14° 0	11°40	24° 0	12°26	4° 0	9°21	14°51	14°15	13° 1	28°52	18°54	W24
T 25	4 18 4	2°55'13	19°29	15° 4	15°15	12°22	24° 3	12°21	4° 0	9°20	14°51	14°12	12°58	28°59	18°51	T 25
F 26	4 22 0	3°55'22	1♑19	14°10	16°30	13° 4	24° 6	12°17	4° 1	9°19	14°50	14° 9	12°55	29° 6	18°48	F 26
S 27	4 25 57	4°55'33	13° 9	13° 7	17°45	13°46	24° 9	12°13	4° 2	9°19	14°50	14° 6	12°52	29°12	18°44	S 27
S 28	4 29 54	5°55'45	25° 0	11°57	19° 0	14°29	24°11	12° 9	4° 2	9°18	14°50	14° 2	12°48	29°19	18°41	S 28
M29	4 33 50	6°55'58	6♒56	10°41	20°15	15°11	24°14	12° 5	4° 3	9°17	14°49	13°59	12°45	29°26	18°38	M29
T 30	4 37 47	7♐56'13	19♒ 2	9♐22	21♏30	15♐53	24♌16	12♉ 0	4♓ 4	9♈17	14♌49	13♉57	12♉42	29♐33	18♊35	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s25	25s19	5s 6	22s55	2s28	4s36	1n34	19s14	0s 9	14n27	0n23	13n26	2s42	10s43	0s47	2n43	1s14	18n23	2n11	16n 1	16n 1	26s41	17n33	5s22
T 2	14 44	22 33	5 17	23 15	2 33	5 4	1 34	19 24	0 10	14 25	0 23	13 24	2 42	10 43	0 47	2 43	1 14	18 23	2 11	16 1	16 0	26 42	17 33	5 23
W 3	15 2	18 44	5 14	23 33	2 38	5 32	1 34	19 34	0 10	14 23	0 24	13 23	2 42	10 43	0 47	2 42	1 14	18 23	2 12	16 1	15 59	26 43	17 32	5 23
T 4	15 20	13 59	4 56	23 50	2 42	5 59	1 35	19 44	0 11	14 21	0 24	13 21	2 42	10 43	0 47	2 42	1 14	18 23	2 12	16 1	15 58	26 44	17 32	5 23
F 5	15 38	8 28	4 22	24 5	2 46	6 27	1 35	19 53	0 12	14 19	0 24	13 20	2 42	10 43	0 47	2 41	1 14	18 23	2 12	16 1	15 57	26 45	17 31	5 23
S 6	15 56	2 24	3 33	24 20	2 50	6 54	1 35	20 3	0 12	14 17	0 24	13 19	2 42	10 43	0 47	2 41	1 14	18 23	2 12	16 1	15 56	26 46	17 31	5 24
S 7	16 14	3n59	2 30	24 33	2 53	7 22	1 35	20 12	0 13	14 15	0 24	13 17	2 42	10 43	0 47	2 40	1 14	18 23	2 12	16 1	15 55	26 46	17 30	5 24
M 8	16 31	10 21	1 16	24 45	2 56	7 49	1 35	20 21	0 13	14 13	0 24	13 16	2 42	10 44	0 47	2 40	1 14	18 23	2 12	16 1	15 54	26 47	17 30	5 24
T 9	16 48	16 19	0n 4	24 55	2 58	8 16	1 35	20 30	0 14	14 12	0 25	13 15	2 42	10 44	0 47	2 39	1 14	18 23	2 12	16 1	15 53	26 48	17 29	5 25
W10	17 4	21 24	1 26	25 5	2 59	8 43	1 35	20 39	0 15	14 10	0 25	13 13	2 42	10 44	0 47	2 39	1 14	18 23	2 12	16 1	15 52	26 49	17 29	5 25
T 11	17 21	25 7	2 42	25 12	3 0	9 9	1 35	20 48	0 15	14 8	0 25	13 12	2 41	10 44	0 47	2 39	1 14	18 23	2 13	16 1	15 51	26 49	17 28	5 25
F 12	17 37	27 4	3 47	25 19	3 1	9 36	1 34	20 56	0 16	14 7	0 25	13 10	2 41	10 44	0 47	2 38	1 13	18 23	2 13	16 0	15 50	26 50	17 28	5 25
S 13	17 53	27 4	4 36	25 24	3 0	10 2	1 34	21 5	0 16	14 5	0 25	13 9	2 41	10 44	0 47	2 38	1 13	18 23	2 13	16 0	15 49	26 51	17 28	5 26
S 14	18 8	25 13	5 6	25 27	2 59	10 28	1 34	21 13	0 17	14 4	0 26	13 8	2 41	10 44	0 46	2 37	1 13	18 24	2 13	16 0	15 48	26 52	17 27	5 26
M15	18 23	21 49	5 17	25 29	2 57	10 54	1 33	21 21	0 17	14 2	0 26	13 7	2 41	10 43	0 46	2 37	1 13	18 24	2 13	16 0	15 47	26 52	17 27	5 26
T 16	18 38	17 17	5 9	25 29	2 54	11 20	1 33	21 29	0 18	14 1	0 26	13 5	2 41	10 43	0 46	2 36	1 13	18 24	2 13	16 0	15 47	26 53	17 26	5 26
W17	18 53	12 0	4 45	25 27	2 50	11 45	1 32	21 36	0 19	14 0	0 26	13 4	2 41	10 43	0 46	2 36	1 13	18 24	2 13	16 0	15 46	26 54	17 26	5 27
T 18	19 7	6 18	4 5	25 23	2 44	12 10	1 31	21 44	0 19	13 58	0 26	13 3	2 41	10 43	0 46	2 36	1 13	18 24	2 13	16 0	15 45	26 55	17 25	5 27
F 19	19 21	0 27	3 15	25 18	2 38	12 35	1 31	21 51	0 20	13 57	0 26	13 1	2 41	10 43	0 46	2 35	1 13	18 24	2 14	16 1	15 44	26 55	17 25	5 27
S 20	19 34	5s18	2 15	25 10	2 30	13 0	1 30	21 58	0 20	13 56	0 27	13 0	2 41	10 43	0 46	2 35	1 13	18 24	2 14	16 1	15 43	26 56	17 24	5 27
S 21	19 47	10 47	1 11	25 0	2 21	13 24	1 29	22 5	0 21	13 55	0 27	12 59	2 41	10 43	0 46	2 35	1 13	18 25	2 14	16 1	15 42	26 57	17 24	5 28
M22	20 0	15 46	0 4	24 48	2 10	13 48	1 28	22 12	0 21	13 54	0 27	12 58	2 41	10 42	0 46	2 34	1 13	18 25	2 14	16 1	15 41	26 57	17 23	5 28
T 23	20 13	20 4	1s 3	24 32	1 57	14 11	1 27	22 18	0 22	13 53	0 27	12 57	2 40	10 42	0 46	2 34	1 13	18 25	2 14	16 1	15 40	26 58	17 23	5 28
W24	20 25	23 30	2 5	24 15	1 43	14 35	1 26	22 25	0 22	13 52	0 27	12 55	2 40	10 42	0 46	2 34	1 13	18 25	2 14	16 1	15 39	26 59	17 23	5 28
T 25	20 37	25 54	3 2	23 54	1 27	14 57	1 25	22 31	0 23	13 51	0 28	12 54	2 40	10 42	0 46	2 33	1 13	18 25	2 14	16 0	15 38	27 0	17 22	5 28
F 26	20 48	27 8	3 51	23 31	1 10	15 20	1 23	22 37	0 24	13 50	0 28	12 53	2 40	10 41	0 46	2 33	1 13	18 25	2 14	15 59	15 37	27 0	17 22	5 29
S 27	20 59	27 7	4 30	23 5	0 52	15 42	1 22	22 43	0 24	13 50	0 28	12 52	2 40	10 41	0 46	2 33	1 13	18 26	2 15	15 58	15 36	27 1	17 21	5 29
S 28	21 10	25 52	4 57	22 37	0 32	16 4	1 21	22 48	0 25	13 49	0 28	12 51	2 40	10 41	0 46	2 32	1 13	18 26	2 15	15 57	15 35	27 1	17 21	5 29
M29	21 20	23 27	5 12	22 6	0 12	16 25	1 19	22 53	0 25	13 48	0 28	12 50	2 40	10 41	0 46	2 32	1 13	18 26	2 15	15 56	15 34	27 2	17 20	5 29
T 30	21s30	19s59	5s13	21s34	0n 9	16s46	1n18	22s58	0s26	13n48	0n29	12n49	2s39	10s40	0s46	2n32	1s13	18n26	2n15	15n55	15n33	27s 3	17n20	5s29

Julian Day Number = 2881374.5, Delta T = 01h15m43s
Ecliptic obliquity = 23°17'20, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°13'16, Lahiri = 40°20'17

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ASTRODIENST EPHEMERIS for the year 3176
geocentric

DECEMBER 3176 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 41 43	8♐56'30	1♓20	8°R 2	22♏45	16♐36	24♌18	11°R57	4♓ 5	9°R16	14°R49	13°R55	12♉39	29♐39	18°R32	W 1
T 2	4 45 40	9°56'48	13°55	6♐43	24° 0	17°18	24°20	11♉53	4° 6	9♈15	14♌48	13°D55	12°36	29°46	18♊29	T 2
F 3	4 49 36	10°57'07	26°51	5°29	25°15	18° 1	24°21	11°49	4° 7	9°15	14°48	13♉56	12°33	29°53	18°25	F 3
S 4	4 53 33	11°57'27	10♈12	4°21	26°30	18°44	24°23	11°45	4° 8	9°14	14°47	13°57	12°29	29°59	18°22	S 4
S 5	4 57 29	12°57'49	24° 0	3°22	27°45	19°26	24°24	11°41	4° 9	9°14	14°47	13°59	12°26	0♑ 6	18°19	S 5
M 6	5 1 26	13°58'12	8♉16	2°32	29° 1	20° 9	24°25	11°38	4°10	9°13	14°46	14°R 0	12°23	0°13	18°16	M 6
T 7	5 5 23	14°58'36	22°58	1°54	0♐16	20°52	24°26	11°34	4°11	9°13	14°46	14° 0	12°20	0°19	18°12	T 7
W 8	5 9 19	15°59'02	7♊59	1°28	1°31	21°35	24°26	11°31	4°13	9°12	14°45	13°58	12°17	0°26	18° 9	W 8
T 9	5 13 16	16°59'30	23°13	1°13	2°46	22°18	24°27	11°27	4°14	9°12	14°45	13°55	12°14	0°33	18° 6	T 9
F 10	5 17 12	17°59'59	8♋29	1°D10	4° 1	23° 1	24°27	11°24	4°15	9°11	14°44	13°50	12°10	0°39	18° 3	F 10
S 11	5 21 9	19° 0'29	23°36	1°17	5°16	23°44	24°R27	11°21	4°17	9°11	14°43	13°45	12° 7	0°46	17°59	S 11
S 12	5 25 5	20° 1'01	8♌25	1°35	6°32	24°27	24°27	11°17	4°18	9°11	14°43	13°40	12° 4	0°53	17°56	S 12
M13	5 29 2	21° 1'35	22°50	2° 2	7°47	25°10	24°27	11°14	4°20	9°11	14°42	13°35	12° 1	0°59	17°53	M13
T 14	5 32 58	22° 2'10	6♍48	2°37	9° 2	25°53	24°26	11°11	4°21	9°10	14°41	13°33	11°58	1° 6	17°50	T 14
W15	5 36 55	23° 2'47	20°18	3°20	10°17	26°36	24°25	11° 8	4°23	9°10	14°41	13°D31	11°54	1°13	17°46	W15
T 16	5 40 52	24° 3'25	3♎22	4° 9	11°33	27°20	24°24	11° 5	4°25	9°10	14°40	13°32	11°51	1°20	17°43	T 16
F 17	5 44 48	25° 4'06	16° 4	5° 4	12°48	28° 3	24°23	11° 3	4°26	9°10	14°39	13°33	11°48	1°26	17°40	F 17
S 18	5 48 45	26° 4'47	28°29	6° 4	14° 3	28°46	24°22	11° 0	4°28	9°10	14°38	13°35	11°45	1°33	17°37	S 18
S 19	5 52 41	27° 5'30	10♏39	7° 9	15°19	29°30	24°20	10°57	4°30	9°10	14°38	13°R36	11°42	1°40	17°33	S 19
M20	5 56 38	28° 6'15	22°40	8°17	16°34	0♑13	24°18	10°55	4°32	9°D10	14°37	13°35	11°39	1°46	17°30	M20
T 21	6 0 34	29° 7'01	4♐35	9°29	17°49	0°57	24°16	10°53	4°33	9°10	14°36	13°33	11°35	1°53	17°27	T 21
W22	6 4 31	0♑ 7'48	16°26	10°44	19° 5	1°40	24°14	10°50	4°35	9°10	14°35	13°28	11°32	2° 0	17°24	W22
T 23	6 8 28	1° 8'36	28°16	12° 1	20°20	2°24	24°12	10°48	4°37	9°10	14°34	13°21	11°29	2° 6	17°21	T 23
F 24	6 12 24	2° 9'26	10♑ 6	13°20	21°35	3° 8	24° 9	10°46	4°39	9°10	14°33	13°12	11°26	2°13	17°18	F 24
S 25	6 16 21	3°10'17	21°58	14°41	22°51	3°52	24° 7	10°44	4°41	9°10	14°32	13° 2	11°23	2°20	17°15	S 25
S 26	6 20 17	4°11'08	3♒54	16° 3	24° 6	4°35	24° 4	10°42	4°43	9°10	14°31	12°51	11°20	2°26	17°11	S 26
M27	6 24 14	5°12'01	15°56	17°27	25°22	5°19	24° 1	10°40	4°46	9°10	14°30	12°42	11°16	2°33	17° 8	M27
T 28	6 28 10	6°12'54	28° 4	18°52	26°37	6° 3	23°57	10°39	4°48	9°11	14°29	12°33	11°13	2°40	17° 5	T 28
W29	6 32 7	7°13'47	10♓24	20°18	27°52	6°47	23°54	10°37	4°50	9°11	14°28	12°27	11°10	2°47	17° 2	W29
T 30	6 36 3	8°14'42	22°57	21°45	29° 8	7°31	23°50	10°36	4°52	9°11	14°27	12°24	11° 7	2°53	16°59	T 30
F 31	6 40 0	9♑15'37	5♈47	23♐13	0♑23	8♑15	23♌46	10♉34	4♓54	9♈12	14♌26	12°D22	11♉ 4	3♑ 0	16♊56	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	21s39	15s36	5s 0	21s 2	0n29	17s 7	1n17	23s 3	0s26	13n47	0n29	12n48	2s39	10s40	0s46	2n32	1s13	18n27	2n15	15n55	15n32	27s 3	17n20	5s29	W 1
T 2	21 48	10 29	4 32	20 29	0 49	17 27	1 15	23 8	0 27	13 47	0 29	12 47	2 39	10 39	0 46	2 32	1 13	18 27	2 15	15 55	15 31	27 4	17 19	5 30	T 2
F 3	21 57	4 46	3 50	19 58	1 8	17 46	1 13	23 12	0 27	13 47	0 29	12 46	2 39	10 39	0 46	2 31	1 13	18 27	2 15	15 55	15 30	27 5	17 19	5 30	F 3
S 4	22 5	1n20	2 55	19 29	1 25	18 5	1 12	23 17	0 28	13 46	0 29	12 45	2 39	10 39	0 46	2 31	1 13	18 27	2 15	15 56	15 29	27 5	17 18	5 30	S 4
S 5	22 13	7 35	1 47	19 3	1 40	18 24	1 10	23 21	0 28	13 46	0 30	12 44	2 39	10 38	0 46	2 31	1 13	18 28	2 16	15 56	15 28	27 6	17 18	5 30	S 5
M 6	22 20	13 41	0 31	18 41	1 54	18 42	1 8	23 24	0 29	13 46	0 30	12 43	2 38	10 38	0 46	2 31	1 13	18 28	2 16	15 56	15 27	27 6	17 18	5 30	M 6
T 7	22 27	19 11	0n49	18 22	2 5	19 0	1 7	23 28	0 30	13 46	0 30	12 42	2 38	10 37	0 46	2 31	1 13	18 28	2 16	15 56	15 26	27 7	17 17	5 30	T 7
W 8	22 33	23 36	2 7	18 8	2 14	19 17	1 5	23 31	0 30	13 46	0 30	12 41	2 38	10 37	0 46	2 31	1 13	18 28	2 16	15 56	15 26	27 8	17 17	5 30	W 8
T 9	22 39	26 25	3 18	17 58	2 21	19 33	1 3	23 35	0 31	13 46	0 30	12 40	2 38	10 36	0 46	2 30	1 13	18 29	2 16	15 55	15 25	27 8	17 17	5 30	T 9
F 10	22 45	27 15	4 14	17 52	2 27	19 49	1 1	23 37	0 31	13 46	0 31	12 39	2 38	10 36	0 46	2 30	1 13	18 29	2 16	15 54	15 24	27 9	17 16	5 30	F 10
S 11	22 50	26 2	4 52	17 50	2 30	20 5	0 59	23 40	0 32	13 46	0 31	12 38	2 37	10 35	0 45	2 30	1 13	18 29	2 16	15 52	15 23	27 9	17 16	5 30	S 11
S 12	22 55	23 2	5 10	17 52	2 32	20 20	0 57	23 43	0 32	13 47	0 31	12 38	2 37	10 35	0 45	2 30	1 13	18 29	2 16	15 50	15 22	27 10	17 15	5 31	S 12
M13	22 59	18 39	5 7	17 57	2 32	20 34	0 55	23 45	0 33	13 47	0 31	12 37	2 37	10 34	0 45	2 30	1 13	18 30	2 16	15 49	15 21	27 10	17 15	5 31	M13
T 14	23 3	13 23	4 46	18 5	2 31	20 48	0 53	23 47	0 33	13 47	0 31	12 36	2 37	10 33	0 45	2 30	1 13	18 30	2 17	15 48	15 20	27 11	17 15	5 31	T 14
W15	23 6	7 39	4 10	18 15	2 29	21 1	0 51	23 48	0 34	13 48	0 32	12 36	2 37	10 33	0 45	2 30	1 13	18 30	2 17	15 48	15 19	27 11	17 14	5 31	W15
T 16	23 9	1 45	3 21	18 27	2 26	21 13	0 49	23 50	0 34	13 48	0 32	12 35	2 36	10 32	0 45	2 30	1 13	18 31	2 17	15 48	15 18	27 12	17 14	5 31	T 16
F 17	23 12	4s 4	2 24	18 40	2 22	21 25	0 47	23 51	0 35	13 49	0 32	12 34	2 36	10 32	0 45	2 30	1 12	18 31	2 17	15 48	15 17	27 12	17 14	5 31	F 17
S 18	23 14	9 36	1 21	18 55	2 18	21 37	0 44	23 52	0 35	13 49	0 32	12 34	2 36	10 31	0 45	2 30	1 12	18 31	2 17	15 49	15 16	27 13	17 13	5 31	S 18
S 19	23 15	14 41	0 16	19 11	2 12	21 47	0 42	23 53	0 36	13 50	0 32	12 33	2 36	10 30	0 45	2 30	1 12	18 32	2 17	15 49	15 15	27 13	17 13	5 31	S 19
M20	23 17	19 7	0s49	19 28	2 7	21 57	0 40	23 54	0 36	13 51	0 33	12 33	2 35	10 30	0 45	2 30	1 12	18 32	2 17	15 49	15 14	27 14	17 13	5 31	M20
T 21	23 17	22 45	1 51	19 45	2 0	22 7	0 38	23 54	0 37	13 52	0 33	12 32	2 35	10 29	0 45	2 30	1 12	18 32	2 17	15 48	15 13	27 14	17 13	5 31	T 21
W22	23 17	25 23	2 48	20 2	1 54	22 15	0 35	23 54	0 37	13 53	0 33	12 32	2 35	10 28	0 45	2 30	1 12	18 33	2 17	15 47	15 12	27 15	17 12	5 31	W22
T 23	23 17	26 54	3 37	20 19	1 47	22 23	0 33	23 54	0 38	13 54	0 33	12 31	2 35	10 27	0 45	2 30	1 12	18 33	2 18	15 45	15 11	27 15	17 12	5 31	T 23
F 24	23 16	27 11	4 17	20 36	1 40	22 31	0 31	23 53	0 38	13 55	0 33	12 31	2 34	10 27	0 45	2 30	1 12	18 34	2 18	15 42	15 10	27 16	17 12	5 31	F 24
S 25	23 15	26 12	4 46	20 53	1 32	22 38	0 28	23 53	0 39	13 56	0 34	12 31	2 34	10 26	0 45	2 30	1 12	18 34	2 18	15 39	15 9	27 16	17 12	5 31	S 25
S 26	23 13	24 3	5 2	21 9	1 25	22 44	0 26	23 52	0 39	13 57	0 34	12 30	2 34	10 25	0 45	2 30	1 12	18 34	2 18	15 36	15 8	27 17	17 11	5 31	S 26
M27	23 11	20 49	5 5	21 25	1 17	22 49	0 24	23 51	0 40	13 58	0 34	12 30	2 34	10 24	0 45	2 30	1 12	18 35	2 18	15 33	15 7	27 17	17 11	5 31	M27
T 28	23 9	16 40	4 55	21 40	1 10	22 54	0 21	23 49	0 40	13 59	0 34	12 30	2 33	10 23	0 45	2 31	1 12	18 35	2 18	15 31	15 6	27 17	17 11	5 31	T 28
W29	23 6	11 48	4 30	21 55	1 2	22 58	0 19	23 48	0 41	14 1	0 34	12 29	2 33	10 23	0 45	2 31	1 12	18 35	2 18	15 29	15 5	27 18	17 11	5 31	W29
T 30	23 2	6 21	3 53	22 8	0 54	23 1	0 16	23 46	0 41	14 2	0 35	12 29	2 33	10 22	0 45	2 31	1 12	18 36	2 18	15 28	15 4	27 18	17 10	5 31	T 30
F 31	22s58	0s31	3s 3	22s21	0n46	23s 3	0n14	23s44	0s42	14n 4	0n35	12n29	2s33	10s21	0s45	2n31	1s12	18n36	2n18	15n27	15n 3	27s19	17n10	5s31	F 31

Julian Day Number = 2881404.5, Delta T = 01h15m43s
Ecliptic obliquity = 23°17'20, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°13'20, Lahiri = 40°20'21

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ASTRODIENST EPHEMERIS for the year 3177
geocentric

JANUARY 3177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 43 57	10♑16'32	18♈58	24♐41	1♑39	8♑59	23°R42	10°R33	4♓57	9♈12	14°R25	12♉23	11♉ 0	3♑ 7	16°R53	S 1
S 2	6 47 53	11°17'28	2♉34	26°10	2°54	9°44	23♌38	10♉32	4°59	9°13	14♌24	12°23	10°57	3°13	16♊50	S 2
M 3	6 51 50	12°18'25	16°36	27°39	4° 9	10°28	23°34	10°31	5° 2	9°13	14°23	12°R24	10°54	3°20	16°48	M 3
T 4	6 55 46	13°19'22	1♊ 5	29° 9	5°25	11°12	23°29	10°30	5° 4	9°13	14°22	12°22	10°51	3°27	16°45	T 4
W 5	6 59 43	14°20'20	15°58	0♑39	6°40	11°56	23°24	10°29	5° 6	9°14	14°21	12°18	10°48	3°33	16°42	W 5
T 6	7 3 39	15°21'18	1♋ 9	2° 9	7°56	12°41	23°19	10°28	5° 9	9°15	14°20	12°12	10°45	3°40	16°39	T 6
F 7	7 7 36	16°22'17	16°28	3°40	9°11	13°25	23°14	10°28	5°12	9°15	14°19	12° 3	10°41	3°47	16°36	F 7
S 8	7 11 32	17°23'16	1♌44	5°11	10°27	14°10	23° 9	10°27	5°14	9°16	14°18	11°53	10°38	3°54	16°34	S 8
S 9	7 15 29	18°24'16	16°46	6°42	11°42	14°54	23° 4	10°27	5°17	9°16	14°17	11°43	10°35	4° 0	16°31	S 9
M10	7 19 26	19°25'17	1♍25	8°14	12°58	15°39	22°58	10°27	5°19	9°17	14°15	11°33	10°32	4° 7	16°29	M10
T 11	7 23 22	20°26'18	15°35	9°46	14°13	16°23	22°53	10°27	5°22	9°18	14°14	11°26	10°29	4°14	16°26	T 11
W12	7 27 19	21°27'20	29°15	11°18	15°29	17° 8	22°47	10°D26	5°25	9°19	14°13	11°22	10°26	4°20	16°23	W12
T 13	7 31 15	22°28'23	12♎25	12°50	16°44	17°53	22°41	10°27	5°28	9°19	14°12	11°20	10°22	4°27	16°21	T 13
F 14	7 35 12	23°29'26	25° 9	14°23	18° 0	18°38	22°35	10°27	5°30	9°20	14°11	11°D19	10°19	4°34	16°19	F 14
S 15	7 39 8	24°30'30	7♏31	15°56	19°15	19°22	22°28	10°27	5°33	9°21	14° 9	11°R20	10°16	4°40	16°16	S 15
S 16	7 43 5	25°31'34	19°38	17°29	20°31	20° 7	22°22	10°27	5°36	9°22	14° 8	11°19	10°13	4°47	16°14	S 16
M17	7 47 1	26°32'40	1♐35	19° 3	21°46	20°52	22°15	10°28	5°39	9°23	14° 7	11°17	10°10	4°54	16°11	M17
T 18	7 50 58	27°33'45	13°25	20°36	23° 2	21°37	22° 9	10°28	5°42	9°24	14° 6	11°13	10° 6	5° 0	16° 9	T 18
W19	7 54 55	28°34'51	25°13	22°10	24°17	22°22	22° 2	10°29	5°45	9°25	14° 4	11° 6	10° 3	5° 7	16° 7	W19
T 20	7 58 51	29°35'58	7♑ 3	23°45	25°33	23° 7	21°55	10°30	5°48	9°26	14° 3	10°55	10° 0	5°14	16° 5	T 20
F 21	8 2 48	0♒37'04	18°56	25°19	26°48	23°52	21°48	10°31	5°51	9°27	14° 2	10°43	9°57	5°21	16° 3	F 21
S 22	8 6 44	1°38'11	0♒54	26°54	28° 4	24°37	21°41	10°32	5°54	9°28	14° 1	10°28	9°54	5°27	16° 1	S 22
S 23	8 10 41	2°39'18	12°58	28°30	29°19	25°22	21°34	10°33	5°57	9°29	13°59	10°13	9°51	5°34	15°59	S 23
M24	8 14 37	3°40'24	25°10	0♒ 6	0♒35	26° 8	21°26	10°34	6° 0	9°30	13°58	9°59	9°47	5°41	15°57	M24
T 25	8 18 34	4°41'31	7♓30	1°42	1°50	26°53	21°19	10°36	6° 3	9°32	13°57	9°47	9°44	5°47	15°55	T 25
W26	8 22 31	5°42'37	19°59	3°18	3° 6	27°38	21°11	10°37	6° 6	9°33	13°55	9°37	9°41	5°54	15°53	W26
T 27	8 26 27	6°43'43	2♈39	4°55	4°21	28°24	21° 4	10°39	6° 9	9°34	13°54	9°31	9°38	6° 1	15°51	T 27
F 28	8 30 24	7°44'49	15°33	6°33	5°37	29° 9	20°56	10°41	6°12	9°35	13°53	9°27	9°35	6° 7	15°50	F 28
S 29	8 34 20	8°45'54	28°42	8°10	6°52	29°54	20°49	10°42	6°15	9°37	13°51	9°26	9°32	6°14	15°48	S 29
S 30	8 38 17	9°46'59	12♉10	9°49	8° 8	0♒40	20°41	10°44	6°19	9°38	13°50	9°26	9°28	6°21	15°47	S 30
M31	8 42 13	10♒48'03	25♉59	11♒27	9♒23	1♒25	20♌33	10♉46	6♓22	9♈39	13♌49	9♉26	9♉25	6♑28	15♊45	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22s54	5n30	2s 2	22s32	0n39	23s 5	0n11	23s41	0s42	14n 5	0n35	12n29	2s32	10s20	0s45	2n31	1s12	18n37	2n19	15n27	15n 2	27s19	17n10	5s30	S 1
S 2	22 49	11 28	0 52	22 43	0 31	23 6	0 9	23 39	0 43	14 7	0 35	12 29	2 32	10 19	0 45	2 31	1 12	18 37	2 19	15 28	15 1	27 19	17 10	5 30	S 2
M 3	22 43	17 3	0n22	22 53	0 23	23 7	0 7	23 36	0 43	14 8	0 35	12 29	2 32	10 18	0 45	2 32	1 12	18 37	2 19	15 28	15 0	27 20	17 10	5 30	M 3
T 4	22 38	21 51	1 38	23 1	0 16	23 7	0 4	23 33	0 44	14 10	0 36	12 29	2 31	10 17	0 45	2 32	1 12	18 38	2 19	15 27	14 59	27 20	17 9	5 30	T 4
W 5	22 31	25 21	2 49	23 9	0 8	23 6	0 2	23 29	0 44	14 12	0 36	12 29	2 31	10 16	0 45	2 32	1 12	18 38	2 19	15 26	14 58	27 20	17 9	5 30	W 5
T 6	22 25	27 6	3 49	23 15	0 1	23 4	0s 1	23 26	0 45	14 14	0 36	12 29	2 31	10 15	0 45	2 32	1 12	18 39	2 19	15 24	14 57	27 21	17 9	5 30	T 6
F 7	22 18	26 48	4 33	23 21	0s 6	23 2	0 3	23 22	0 45	14 15	0 36	12 29	2 31	10 14	0 45	2 33	1 12	18 39	2 19	15 21	14 56	27 21	17 9	5 30	F 7
S 8	22 10	24 29	4 58	23 25	0 14	22 58	0 6	23 18	0 46	14 17	0 36	12 29	2 30	10 14	0 45	2 33	1 12	18 40	2 19	15 18	14 55	27 21	17 9	5 30	S 8
S 9	22 2	20 30	5 2	23 28	0 21	22 55	0 8	23 14	0 46	14 19	0 37	12 29	2 30	10 13	0 45	2 33	1 12	18 40	2 19	15 15	14 54	27 22	17 9	5 30	S 9
M10	21 54	15 20	4 45	23 29	0 27	22 50	0 10	23 9	0 47	14 21	0 37	12 29	2 30	10 12	0 45	2 34	1 12	18 40	2 19	15 12	14 53	27 22	17 9	5 29	M10
T 11	21 45	9 30	4 11	23 30	0 34	22 45	0 13	23 4	0 47	14 23	0 37	12 30	2 29	10 11	0 45	2 34	1 12	18 41	2 20	15 10	14 52	27 22	17 8	5 29	T 11
W12	21 35	3 25	3 24	23 29	0 41	22 39	0 15	22 59	0 47	14 25	0 37	12 30	2 29	10 10	0 44	2 34	1 12	18 41	2 20	15 9	14 51	27 23	17 8	5 29	W12
T 13	21 26	2s37	2 27	23 27	0 47	22 32	0 18	22 54	0 48	14 27	0 37	12 30	2 29	10 9	0 44	2 35	1 12	18 42	2 20	15 8	14 50	27 23	17 8	5 29	T 13
F 14	21 16	8 21	1 25	23 24	0 53	22 25	0 20	22 48	0 48	14 30	0 37	12 30	2 29	10 7	0 44	2 35	1 12	18 42	2 20	15 8	14 49	27 23	17 8	5 29	F 14
S 15	21 5	13 37	0 20	23 20	0 59	22 17	0 22	22 42	0 49	14 32	0 38	12 31	2 28	10 6	0 44	2 35	1 11	18 43	2 20	15 8	14 48	27 24	17 8	5 29	S 15
S 16	20 54	18 14	0s44	23 14	1 5	22 8	0 25	22 36	0 49	14 34	0 38	12 31	2 28	10 5	0 44	2 36	1 11	18 43	2 20	15 8	14 47	27 24	17 8	5 29	S 16
M17	20 43	22 4	1 45	23 7	1 11	21 59	0 27	22 30	0 50	14 36	0 38	12 32	2 28	10 4	0 44	2 36	1 11	18 43	2 20	15 7	14 46	27 24	17 8	5 28	M17
T 18	20 31	24 56	2 41	22 59	1 16	21 49	0 29	22 23	0 50	14 39	0 38	12 32	2 27	10 3	0 44	2 36	1 11	18 44	2 20	15 6	14 45	27 24	17 8	5 28	T 18
W19	20 19	26 42	3 30	22 49	1 21	21 38	0 31	22 17	0 51	14 41	0 38	12 33	2 27	10 2	0 44	2 37	1 11	18 44	2 20	15 4	14 44	27 25	17 8	5 28	W19
T 20	20 6	27 15	4 10	22 38	1 26	21 27	0 34	22 10	0 51	14 43	0 39	12 33	2 27	10 1	0 44	2 37	1 11	18 45	2 20	15 1	14 43	27 25	17 8	5 28	T 20
F 21	19 54	26 33	4 38	22 26	1 31	21 15	0 36	22 2	0 51	14 46	0 39	12 34	2 27	10 0	0 44	2 38	1 11	18 45	2 20	14 57	14 42	27 25	17 8	5 28	F 21
S 22	19 40	24 38	4 55	22 13	1 36	21 2	0 38	21 55	0 52	14 48	0 39	12 34	2 26	9 59	0 44	2 38	1 11	18 46	2 20	14 52	14 41	27 25	17 8	5 28	S 22
S 23	19 27	21 35	4 59	21 58	1 40	20 49	0 40	21 47	0 52	14 51	0 39	12 35	2 26	9 58	0 44	2 39	1 11	18 46	2 21	14 47	14 40	27 25	17 8	5 27	S 23
M24	19 13	17 35	4 49	21 42	1 44	20 35	0 42	21 39	0 53	14 53	0 39	12 35	2 26	9 57	0 44	2 39	1 11	18 47	2 21	14 43	14 39	27 26	17 8	5 27	M24
T 25	18 58	12 49	4 26	21 24	1 48	20 21	0 44	21 31	0 53	14 56	0 39	12 36	2 25	9 55	0 44	2 40	1 11	18 47	2 21	14 39	14 38	27 26	17 8	5 27	T 25
W26	18 44	7 28	3 49	21 6	1 51	20 6	0 46	21 23	0 53	14 58	0 39	12 37	2 25	9 54	0 44	2 40	1 11	18 48	2 21	14 36	14 37	27 26	17 8	5 27	W26
T 27	18 28	1 43	3 1	20 46	1 54	19 50	0 48	21 14	0 54	15 1	0 40	12 38	2 25	9 53	0 44	2 41	1 11	18 48	2 21	14 34	14 36	27 26	17 8	5 26	T 27
F 28	18 13	4n12	2 3	20 24	1 57	19 34	0 50	21 5	0 54	15 3	0 40	12 38	2 25	9 52	0 44	2 41	1 11	18 48	2 21	14 33	14 35	27 26	17 8	5 26	F 28
S 29	17 57	10 4	0 56	20 2	1 59	19 17	0 52	20 56	0 55	15 6	0 40	12 39	2 24	9 51	0 44	2 42	1 11	18 49	2 21	14 33	14 34	27 27	17 8	5 26	S 29
S 30	17 41	15 37	0n14	19 38	2 2	19 0	0 54	20 47	0 55	15 9	0 40	12 40	2 24	9 50	0 44	2 42	1 11	18 49	2 21	14 33	14 33	27 27	17 8	5 26	S 30
M31	17s25	20n32	1n26	19s13	2s 3	18s42	0s56	20s37	0s55	15n11	0n40	12n41	2s24	9s48	0s44	2n43	1s11	18n50	2n21	14n33	14n32	27s27	17n 8	5s26	M31

Julian Day Number = 2881435.5, Delta T = 01h15m44s
Ecliptic obliquity = 23°17'20, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°13'25, Lahiri = 40°20'25

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ASTRODIENST EPHEMERIS for the year 3177
geocentric

FEBRUARY 3177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 46 10	11♒49'07	10♊11	13♒ 6	10♒38	2♒11	20°R25	10♉48	6♓25	9♈41	13°R48	9°R24	9♉22	6♋34	15°R44	T 1
W 2	8 50 6	12°50'10	24°45	14°46	11°54	2°57	20♌17	10°51	6°28	9°42	13♌46	9♉19	9°19	6°41	15♊42	W 2
T 3	8 54 3	13°51'13	9♋36	16°26	13° 9	3°42	20° 9	10°53	6°32	9°44	13°45	9°12	9°16	6°48	15°41	T 3
F 4	8 58 0	14°52'15	24°39	18° 7	14°25	4°28	20° 1	10°55	6°35	9°45	13°44	9° 2	9°13	6°54	15°40	F 4
S 5	9 1 56	15°53'16	9♌43	19°48	15°40	5°14	19°53	10°58	6°38	9°47	13°42	8°50	9° 9	7° 1	15°39	S 5
S 6	9 5 53	16°54'17	24°40	21°29	16°56	5°59	19°45	11° 1	6°41	9°48	13°41	8°38	9° 6	7° 8	15°37	S 6
M 7	9 9 49	17°55'18	9♍19	23°11	18°11	6°45	19°37	11° 3	6°45	9°50	13°40	8°28	9° 3	7°14	15°36	M 7
T 8	9 13 46	18°56'18	23°33	24°54	19°27	7°31	19°29	11° 6	6°48	9°51	13°38	8°19	9° 0	7°21	15°35	T 8
W 9	9 17 42	19°57'17	7♎19	26°36	20°42	8°17	19°21	11° 9	6°52	9°53	13°37	8°13	8°57	7°28	15°34	W 9
T 10	9 21 39	20°58'16	20°36	28°20	21°58	9° 3	19°13	11°12	6°55	9°54	13°36	8° 9	8°53	7°35	15°33	T 10
F 11	9 25 35	21°59'15	3♏27	0♓ 3	23°13	9°49	19° 5	11°15	6°58	9°56	13°34	8°D 8	8°50	7°41	15°33	F 11
S 12	9 29 32	23° 0'14	15°54	1°47	24°28	10°35	18°57	11°19	7° 2	9°58	13°33	8° 8	8°47	7°48	15°32	S 12
S 13	9 33 29	24° 1'12	28° 4	3°30	25°44	11°21	18°49	11°22	7° 5	9°59	13°32	8°R 8	8°44	7°55	15°31	S 13
M14	9 37 25	25° 2'09	10♐ 1	5°14	26°59	12° 7	18°41	11°25	7° 9	10° 1	13°30	8° 7	8°41	8° 1	15°31	M14
T 15	9 41 22	26° 3'06	21°52	6°58	28°15	12°53	18°33	11°29	7°12	10° 3	13°29	8° 4	8°38	8° 8	15°30	T 15
W16	9 45 18	27° 4'03	3♑41	8°42	29°30	13°39	18°25	11°32	7°15	10° 5	13°28	7°58	8°34	8°15	15°30	W16
T 17	9 49 15	28° 4'59	15°32	10°25	0♓45	14°25	18°17	11°36	7°19	10° 6	13°27	7°50	8°31	8°22	15°29	T 17
F 18	9 53 11	29° 5'54	27°29	12° 7	2° 1	15°11	18°10	11°40	7°22	10° 8	13°25	7°39	8°28	8°28	15°29	F 18
S 19	9 57 8	0♓ 6'49	9♒34	13°49	3°16	15°57	18° 2	11°44	7°26	10°10	13°24	7°26	8°25	8°35	15°29	S 19
S 20	10 1 4	1° 7'42	21°48	15°29	4°32	16°44	17°54	11°48	7°29	10°12	13°23	7°13	8°22	8°42	15°28	S 20
M21	10 5 1	2° 8'35	4♓14	17° 8	5°47	17°30	17°47	11°52	7°33	10°14	13°22	7° 1	8°18	8°48	15°28	M21
T 22	10 8 58	3° 9'27	16°50	18°45	7° 2	18°16	17°39	11°56	7°36	10°16	13°20	6°50	8°15	8°55	15°D28	T 22
W23	10 12 54	4°10'17	29°37	20°19	8°18	19° 3	17°32	12° 0	7°40	10°18	13°19	6°42	8°12	9° 2	15°28	W23
T 24	10 16 51	5°11'07	12♈34	21°51	9°33	19°49	17°24	12° 5	7°43	10°20	13°18	6°36	8° 9	9° 8	15°28	T 24
F 25	10 20 47	6°11'55	25°43	23°19	10°48	20°35	17°17	12° 9	7°47	10°22	13°17	6°33	8° 6	9°15	15°29	F 25
S 26	10 24 44	7°12'41	9♉ 4	24°42	12° 4	21°22	17°10	12°14	7°50	10°23	13°16	6°D33	8° 3	9°22	15°29	S 26
S 27	10 28 40	8°13'27	22°37	26° 2	13°19	22° 8	17° 3	12°18	7°54	10°25	13°14	6°34	7°59	9°29	15°29	S 27
M28	10 32 37	9♓14'11	6♊25	27♓15	14♓34	22♒55	16♌56	12♉23	7♓57	10♈27	13♌13	6°R34	7♉56	9♋35	15♊29	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17s 8	24n23	2n35	18s46	2s 5	18s23	0s58	20s27	0s56	15n14	0n40	12n42	2s23	9s47	0s44	2n43	1s11	18n50	2n21	14n32	14n31	27s27	17n 8	5s25	T 1
W 2	16 51	26 46	3 35	18 19	2 6	18 4	1 0	20 17	0 56	15 16	0 41	12 43	2 23	9 46	0 44	2 44	1 11	18 51	2 21	14 30	14 30	27 27	17 8	5 25	W 2
T 3	16 34	27 17	4 21	17 50	2 7	17 45	1 1	20 7	0 57	15 19	0 41	12 44	2 23	9 45	0 44	2 44	1 11	18 51	2 21	14 28	14 29	27 27	17 8	5 25	T 3
F 4	16 16	25 50	4 51	17 19	2 7	17 25	1 3	19 57	0 57	15 22	0 41	12 45	2 23	9 43	0 44	2 45	1 11	18 52	2 21	14 25	14 28	27 27	17 9	5 25	F 4
S 5	15 58	22 31	5 0	16 48	2 7	17 4	1 5	19 46	0 57	15 24	0 41	12 46	2 22	9 42	0 44	2 46	1 11	18 52	2 21	14 21	14 27	27 28	17 9	5 24	S 5
S 6	15 40	17 45	4 49	16 15	2 7	16 43	1 6	19 35	0 58	15 27	0 41	12 47	2 22	9 41	0 44	2 46	1 11	18 52	2 22	14 18	14 26	27 28	17 9	5 24	S 6
M 7	15 22	12 1	4 18	15 41	2 6	16 22	1 8	19 24	0 58	15 30	0 41	12 48	2 22	9 40	0 44	2 47	1 11	18 53	2 22	14 14	14 25	27 28	17 9	5 24	M 7
T 8	15 3	5 48	3 32	15 6	2 4	16 0	1 9	19 13	0 58	15 32	0 41	12 49	2 22	9 39	0 44	2 48	1 11	18 53	2 22	14 11	14 24	27 28	17 9	5 24	T 8
W 9	14 44	0s30	2 35	14 29	2 2	15 37	1 11	19 2	0 59	15 35	0 41	12 50	2 21	9 37	0 44	2 48	1 11	18 54	2 22	14 9	14 23	27 28	17 9	5 23	W 9
T 10	14 25	6 35	1 31	13 51	2 0	15 14	1 12	18 50	0 59	15 37	0 41	12 52	2 21	9 36	0 44	2 49	1 11	18 54	2 22	14 8	14 22	27 28	17 9	5 23	T 10
F 11	14 6	12 12	0 25	13 12	1 57	14 51	1 13	18 38	0 59	15 40	0 42	12 53	2 21	9 35	0 44	2 50	1 11	18 55	2 22	14 8	14 21	27 28	17 10	5 23	F 11
S 12	13 46	17 9	0s41	12 32	1 53	14 27	1 15	18 26	1 0	15 43	0 42	12 54	2 20	9 33	0 44	2 50	1 11	18 55	2 22	14 8	14 20	27 28	17 10	5 23	S 12
S 13	13 26	21 17	1 44	11 51	1 49	14 3	1 16	18 14	1 0	15 45	0 42	12 55	2 20	9 32	0 44	2 51	1 11	18 55	2 22	14 8	14 19	27 28	17 10	5 22	S 13
M14	13 6	24 28	2 40	11 9	1 44	13 39	1 17	18 1	1 0	15 48	0 42	12 57	2 20	9 31	0 44	2 52	1 11	18 56	2 22	14 8	14 18	27 28	17 10	5 22	M14
T 15	12 45	26 32	3 30	10 26	1 39	13 14	1 18	17 49	1 1	15 50	0 42	12 58	2 20	9 30	0 44	2 52	1 11	18 56	2 22	14 7	14 17	27 28	17 10	5 22	T 15
W16	12 25	27 24	4 10	9 42	1 33	12 49	1 19	17 36	1 1	15 53	0 42	12 59	2 19	9 28	0 44	2 53	1 11	18 57	2 22	14 5	14 16	27 28	17 11	5 22	W16
T 17	12 4	27 1	4 39	8 57	1 26	12 23	1 20	17 23	1 1	15 55	0 42	13 1	2 19	9 27	0 44	2 54	1 11	18 57	2 22	14 2	14 15	27 28	17 11	5 21	T 17
F 18	11 43	25 23	4 57	8 11	1 19	11 57	1 21	17 10	1 1	15 58	0 42	13 2	2 19	9 26	0 44	2 54	1 11	18 58	2 22	13 58	14 14	27 28	17 11	5 21	F 18
S 19	11 22	22 35	5 1	7 25	1 11	11 31	1 22	16 56	1 2	16 0	0 42	13 3	2 19	9 25	0 44	2 55	1 11	18 58	2 22	13 54	14 13	27 28	17 11	5 21	S 19
S 20	11 0	18 45	4 52	6 38	1 2	11 4	1 23	16 43	1 2	16 3	0 42	13 5	2 18	9 23	0 44	2 56	1 11	18 58	2 22	13 50	14 12	27 28	17 12	5 20	S 20
M21	10 39	14 4	4 29	5 52	0 52	10 38	1 23	16 29	1 2	16 5	0 43	13 6	2 18	9 22	0 44	2 57	1 11	18 59	2 22	13 46	14 11	27 28	17 12	5 20	M21
T 22	10 17	8 44	3 52	5 4	0 42	10 11	1 24	16 15	1 3	16 7	0 43	13 8	2 18	9 21	0 44	2 57	1 11	18 59	2 22	13 43	14 10	27 28	17 12	5 20	T 22
W23	9 55	2 58	3 3	4 18	0 31	9 43	1 25	16 1	1 3	16 10	0 43	13 9	2 18	9 19	0 44	2 58	1 10	19 0	2 22	13 40	14 9	27 28	17 12	5 20	W23
T 24	9 33	3n 2	2 4	3 31	0 19	9 15	1 25	15 47	1 3	16 12	0 43	13 11	2 17	9 18	0 44	2 59	1 10	19 0	2 23	13 38	14 8	27 28	17 13	5 19	T 24
F 25	9 11	8 59	0 58	2 45	0 7	8 48	1 26	15 32	1 3	16 14	0 43	13 12	2 17	9 17	0 44	3 0	1 10	19 0	2 23	13 37	14 7	27 28	17 13	5 19	F 25
S 26	8 49	14 38	0n13	2 0	0n 6	8 19	1 26	15 18	1 4	16 16	0 43	13 14	2 17	9 16	0 44	3 0	1 10	19 1	2 23	13 37	14 6	27 28	17 13	5 19	S 26
S 27	8 26	19 41	1 25	1 16	0 20	7 51	1 27	15 3	1 4	16 19	0 43	13 16	2 17	9 14	0 44	3 1	1 10	19 1	2 23	13 37	14 5	27 28	17 14	5 18	S 27
M28	8s 3	23n45	2n33	0s34	0n34	7s23	1s27	14s48	1s 4	16n21	0n43	13n17	2s16	9s13	0s44	3n 2	1s10	19n 2	2n23	13n38	14n 4	27s28	17n14	5s18	M28

Julian Day Number = 2881466.5, Delta T = 01h15m45s
Ecliptic obliquity = 23°17'20, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°13'29, Lahiri = 40°20'29

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ASTRODIENST EPHEMERIS for the year 3177
geocentric

MARCH 3177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 36 33	10♓14'53	20♊27	28♓23	15♓49	23♒41	16°R49	12♉28	8♓ 1	10♈29	13°R12	6°R34	7♉53	9♋42	15♊30	T 1
W 2	10 40 30	11°15'34	4♋43	29°23	17° 5	24°28	16♎42	12°33	8° 4	10°32	13♎11	6♉31	7°50	9°49	15°30	W 2
T 3	10 44 27	12°16'14	19°11	0♈16	18°20	25°14	16°35	12°38	8° 8	10°34	13°10	6°27	7°47	9°55	15°31	T 3
F 4	10 48 23	13°16'51	3♎47	1° 1	19°35	26° 1	16°29	12°43	8°11	10°36	13° 9	6°20	7°44	10° 2	15°31	F 4
S 5	10 52 20	14°17'28	18°26	1°36	20°50	26°47	16°23	12°48	8°15	10°38	13° 8	6°12	7°40	10° 9	15°32	S 5
S 6	10 56 16	15°18'02	2♍59	2° 2	22° 5	27°34	16°16	12°53	8°18	10°40	13° 6	6° 3	7°37	10°15	15°33	S 6
M 7	11 0 13	16°18'35	17°20	2°18	23°21	28°21	16°10	12°58	8°22	10°42	13° 5	5°55	7°34	10°22	15°34	M 7
T 8	11 4 9	17°19'07	1♎23	2°R23	24°36	29° 7	16° 4	13° 3	8°25	10°44	13° 4	5°49	7°31	10°29	15°35	T 8
W 9	11 8 6	18°19'38	15° 4	2°18	25°51	29°54	15°59	13° 9	8°28	10°46	13° 3	5°45	7°28	10°36	15°36	W 9
T 10	11 12 2	19°20'07	28°20	2° 3	27° 6	0♓41	15°53	13°14	8°32	10°48	13° 2	5°43	7°24	10°42	15°37	T 10
F 11	11 15 59	20°20'35	11♏13	1°38	28°21	1°27	15°47	13°20	8°35	10°50	13° 1	5°D43	7°21	10°49	15°38	F 11
S 12	11 19 55	21°21'01	23°44	1° 4	29°36	2°14	15°42	13°25	8°39	10°53	13° 0	5°44	7°18	10°56	15°39	S 12
S 13	11 23 52	22°21'27	5♐58	0°22	0♈51	3° 1	15°37	13°31	8°42	10°55	12°59	5°45	7°15	11° 2	15°40	S 13
M14	11 27 49	23°21'51	17°59	29♓32	2° 6	3°48	15°32	13°37	8°46	10°57	12°58	5°R46	7°12	11° 9	15°41	M14
T 15	11 31 45	24°22'14	29°53	28°36	3°21	4°34	15°27	13°42	8°49	10°59	12°57	5°46	7° 9	11°16	15°43	T 15
W16	11 35 42	25°22'35	11♑44	27°36	4°36	5°21	15°22	13°48	8°52	11° 1	12°56	5°45	7° 5	11°23	15°44	W16
T 17	11 39 38	26°22'55	23°37	26°33	5°51	6° 8	15°18	13°54	8°56	11° 4	12°55	5°41	7° 2	11°29	15°46	T 17
F 18	11 43 35	27°23'14	5♒37	25°29	7° 6	6°55	15°13	14° 0	8°59	11° 6	12°55	5°36	6°59	11°36	15°47	F 18
S 19	11 47 31	28°23'31	17°47	24°25	8°21	7°42	15° 9	14° 6	9° 2	11° 8	12°54	5°30	6°56	11°43	15°49	S 19
S 20	11 51 28	29°23'47	0♓ 9	23°23	9°36	8°29	15° 5	14°12	9° 6	11°10	12°53	5°23	6°53	11°49	15°51	S 20
M21	11 55 24	0♈24'01	12°47	22°24	10°51	9°16	15° 1	14°18	9° 9	11°13	12°52	5°17	6°50	11°56	15°52	M21
T 22	11 59 21	1°24'14	25°39	21°29	12° 6	10° 3	14°57	14°25	9°12	11°15	12°51	5°11	6°46	12° 3	15°54	T 22
W23	12 3 18	2°24'25	8♈47	20°39	13°21	10°50	14°54	14°31	9°16	11°17	12°50	5° 7	6°43	12°10	15°56	W23
T 24	12 7 14	3°24'34	22° 8	19°55	14°36	11°36	14°51	14°37	9°19	11°19	12°50	5° 5	6°40	12°16	15°58	T 24
F 25	12 11 11	4°24'41	5♉41	19°17	15°50	12°23	14°48	14°44	9°22	11°22	12°49	5°D 4	6°37	12°23	16° 0	F 25
S 26	12 15 7	5°24'46	19°24	18°46	17° 5	13°10	14°45	14°50	9°25	11°24	12°48	5° 5	6°34	12°30	16° 2	S 26
S 27	12 19 4	6°24'50	3♊17	18°22	18°20	13°57	14°42	14°56	9°29	11°26	12°47	5° 6	6°30	12°36	16° 4	S 27
M28	12 23 0	7°24'51	17°17	18° 4	19°35	14°44	14°39	15° 3	9°32	11°28	12°47	5° 8	6°27	12°43	16° 6	M28
T 29	12 26 57	8°24'50	1♋23	17°53	20°49	15°31	14°37	15°10	9°35	11°31	12°46	5° 9	6°24	12°50	16° 8	T 29
W30	12 30 53	9°24'47	15°34	17°D49	22° 4	16°18	14°35	15°16	9°38	11°33	12°45	5°R 9	6°21	12°57	16°11	W30
T 31	12 34 50	10♈24'42	29♋47	17♓50	23♈19	17♓ 5	14♎33	15♉23	9♓41	11♈35	12♎45	5♉ 8	6♉18	13♑ 3	16♊13	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s41	26n29	3n32	0n 7	0n49	6s54	1s27	14s33	1s 4	16n23	0n43	13n19	2s16	9s12	0s44	3n 3	1s10	19n 2	2n23	13n37	14n 3	27s28	17n14	5s18
W 2	7 18	27 32	4 20	0 44	1 4	6 25	1 27	14 18	1 5	16 25	0 43	13 21	2 16	9 10	0 44	3 4	1 10	19 2	2 23	13 37	14 2	27 28	17 15	5 18
T 3	6 55	26 45	4 52	1 20	1 20	5 56	1 27	14 3	1 5	16 27	0 43	13 22	2 16	9 9	0 44	3 4	1 10	19 3	2 23	13 35	14 1	27 28	17 15	5 17
F 4	6 32	24 8	5 5	1 51	1 35	5 26	1 27	13 47	1 5	16 29	0 43	13 24	2 16	9 8	0 44	3 5	1 10	19 3	2 23	13 33	14 0	27 27	17 15	5 17
S 5	6 9	19 57	4 59	2 20	1 51	4 57	1 27	13 32	1 5	16 31	0 43	13 26	2 15	9 6	0 44	3 6	1 10	19 3	2 23	13 30	13 59	27 27	17 16	5 17
S 6	5 45	14 35	4 33	2 44	2 6	4 27	1 27	13 16	1 5	16 33	0 43	13 27	2 15	9 5	0 44	3 7	1 10	19 4	2 23	13 27	13 58	27 27	17 16	5 16
M 7	5 22	8 30	3 50	3 4	2 21	3 58	1 27	13 0	1 6	16 35	0 43	13 29	2 15	9 4	0 44	3 8	1 10	19 4	2 23	13 25	13 57	27 27	17 16	5 16
T 8	4 59	2 7	2 54	3 19	2 35	3 28	1 27	12 44	1 6	16 37	0 43	13 31	2 15	9 3	0 44	3 9	1 10	19 4	2 23	13 23	13 56	27 27	17 17	5 16
W 9	4 35	4s13	1 49	3 30	2 49	2 58	1 27	12 28	1 6	16 38	0 43	13 33	2 14	9 1	0 44	3 9	1 10	19 5	2 23	13 21	13 55	27 27	17 17	5 16
T 10	4 12	10 12	0 40	3 35	3 1	2 28	1 26	12 12	1 6	16 40	0 43	13 35	2 14	9 0	0 44	3 10	1 10	19 5	2 23	13 21	13 54	27 27	17 17	5 15
F 11	3 48	15 34	0s30	3 35	3 12	1 58	1 26	11 56	1 6	16 42	0 43	13 36	2 14	8 59	0 44	3 11	1 10	19 5	2 23	13 21	13 53	27 27	17 18	5 15
S 12	3 25	20 8	1 36	3 30	3 21	1 28	1 25	11 39	1 7	16 43	0 43	13 38	2 14	8 58	0 44	3 12	1 10	19 6	2 23	13 21	13 52	27 26	17 18	5 15
S 13	3 1	23 44	2 36	3 20	3 29	0 58	1 25	11 22	1 7	16 45	0 43	13 40	2 14	8 56	0 44	3 13	1 10	19 6	2 23	13 21	13 51	27 26	17 19	5 15
M14	2 37	26 13	3 29	3 5	3 34	0 27	1 24	11 6	1 7	16 46	0 43	13 42	2 13	8 55	0 44	3 14	1 10	19 6	2 23	13 22	13 50	27 26	17 19	5 14
T 15	2 13	27 29	4 12	2 46	3 37	0n 3	1 24	10 49	1 7	16 48	0 43	13 44	2 13	8 54	0 44	3 15	1 10	19 7	2 23	13 22	13 49	27 26	17 19	5 14
W16	1 50	27 29	4 43	2 24	3 38	0 33	1 23	10 32	1 7	16 49	0 43	13 46	2 13	8 52	0 44	3 15	1 10	19 7	2 23	13 21	13 48	27 26	17 20	5 14
T 17	1 26	26 13	5 3	1 58	3 37	1 3	1 22	10 15	1 7	16 50	0 43	13 48	2 13	8 51	0 44	3 16	1 10	19 7	2 23	13 20	13 47	27 25	17 20	5 13
F 18	1 2	23 45	5 10	1 29	3 34	1 34	1 21	9 58	1 7	16 52	0 43	13 50	2 13	8 50	0 44	3 17	1 10	19 7	2 23	13 18	13 46	27 25	17 21	5 13
S 19	0 38	20 13	5 3	0 59	3 28	2 4	1 20	9 41	1 8	16 53	0 43	13 52	2 13	8 49	0 44	3 18	1 10	19 8	2 23	13 16	13 45	27 25	17 21	5 13
S 20	0 14	15 44	4 42	0 28	3 21	2 34	1 19	9 23	1 8	16 54	0 43	13 54	2 12	8 48	0 44	3 19	1 10	19 8	2 23	13 14	13 44	27 25	17 22	5 13
M21	0n 9	10 31	4 7	0s 4	3 12	3 4	1 18	9 6	1 8	16 55	0 43	13 56	2 12	8 46	0 44	3 20	1 10	19 8	2 23	13 12	13 42	27 24	17 22	5 12
T 22	0 33	4 45	3 18	0 35	3 1	3 34	1 17	8 48	1 8	16 56	0 43	13 57	2 12	8 45	0 44	3 21	1 10	19 8	2 23	13 10	13 41	27 24	17 22	5 12
W23	0 57	1n20	2 19	1 5	2 49	4 4	1 16	8 31	1 8	16 57	0 43	13 59	2 12	8 44	0 44	3 21	1 10	19 9	2 23	13 9	13 40	27 24	17 23	5 12
T 24	1 21	7 29	1 10	1 34	2 37	4 34	1 15	8 13	1 8	16 58	0 43	14 1	2 12	8 43	0 44	3 22	1 10	19 9	2 23	13 8	13 39	27 24	17 23	5 12
F 25	1 45	13 23	0n 3	2 1	2 23	5 4	1 13	7 55	1 8	16 59	0 43	14 3	2 11	8 41	0 44	3 23	1 10	19 9	2 23	13 8	13 38	27 23	17 24	5 11
S 26	2 8	18 43	1 18	2 26	2 9	5 34	1 12	7 37	1 8	17 0	0 43	14 5	2 11	8 40	0 44	3 24	1 10	19 9	2 23	13 8	13 37	27 23	17 24	5 11
S 27	2 32	23 7	2 28	2 49	1 54	6 3	1 11	7 20	1 8	17 1	0 43	14 8	2 11	8 39	0 44	3 25	1 10	19 10	2 23	13 9	13 36	27 23	17 25	5 11
M28	2 55	26 11	3 31	3 10	1 40	6 33	1 9	7 2	1 8	17 2	0 43	14 10	2 11	8 38	0 44	3 26	1 10	19 10	2 23	13 9	13 35	27 23	17 25	5 11
T 29	3 19	27 38	4 21	3 27	1 25	7 2	1 8	6 43	1 8	17 2	0 43	14 12	2 11	8 37	0 44	3 27	1 10	19 10	2 23	13 9	13 34	27 22	17 26	5 10
W30	3 42	27 17	4 56	3 43	1 10	7 31	1 6	6 25	1 8	17 3	0 43	14 14	2 11	8 36	0 44	3 28	1 10	19 10	2 24	13 9	13 33	27 22	17 26	5 10
T 31	4n 6	25n 9	5n12	3s55	0n56	8n 0	1s 4	6s 7	1s 8	17n 3	0n43	14n16	2s11	8s34	0s44	3n29	1s10	19n10	2n24	13n 9	13n32	27s22	17n27	5s10

Julian Day Number = 2881494.5, Delta T = 01h15m45s
Ecliptic obliquity = 23°17'21, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°13'33, Lahiri = 40°20'33

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ASTRODIENST EPHEMERIS for the year 3177
geocentric

APRIL 3177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 38 47	11♈24'35	14♌ 1	17♓58	24♈33	17♓52	14°R31	15♉30	9♓44	11♈37	12°R44	5°R 5	6♉15	13♊10	16♊15	F 1
S 2	12 42 43	12°24'26	28°11	18°12	25°48	18°39	14♌29	15°36	9°47	11°40	12♌44	5♉ 2	6°11	13°17	16°18	S 2
S 3	12 46 40	13°24'14	12♍14	18°30	27° 3	19°26	14°28	15°43	9°50	11°42	12°43	4°59	6° 8	13°23	16°20	S 3
M 4	12 50 36	14°24'01	26° 7	18°54	28°17	20°13	14°27	15°50	9°54	11°44	12°42	4°56	6° 5	13°30	16°23	M 4
T 5	12 54 33	15°23'45	9♎46	19°23	29°32	21° 0	14°26	15°57	9°57	11°47	12°42	4°54	6° 2	13°37	16°25	T 5
W 6	12 58 29	16°23'27	23° 9	19°56	0♉46	21°47	14°25	16° 4	9°59	11°49	12°41	4°53	5°59	13°43	16°28	W 6
T 7	13 2 26	17°23'08	6♏13	20°34	2° 1	22°34	14°24	16°11	10° 2	11°51	12°41	4°D52	5°55	13°50	16°31	T 7
F 8	13 6 22	18°22'47	18°59	21°15	3°15	23°21	14°24	16°18	10° 5	11°53	12°41	4°53	5°52	13°57	16°34	F 8
S 9	13 10 19	19°22'24	1♐29	22° 0	4°29	24° 8	14°24	16°25	10° 8	11°56	12°40	4°54	5°49	14° 4	16°36	S 9
S 10	13 14 16	20°21'59	13°43	22°49	5°44	24°55	14°D24	16°32	10°11	11°58	12°40	4°55	5°46	14°10	16°39	S 10
M11	13 18 12	21°21'33	25°46	23°41	6°58	25°42	14°24	16°39	10°14	12° 0	12°39	4°56	5°43	14°17	16°42	M11
T 12	13 22 9	22°21'04	7♑42	24°36	8°13	26°29	14°24	16°46	10°17	12° 2	12°39	4°57	5°40	14°24	16°45	T 12
W13	13 26 5	23°20'35	19°34	25°34	9°27	27°16	14°25	16°53	10°20	12° 5	12°39	4°R58	5°36	14°30	16°48	W13
T 14	13 30 2	24°20'03	1♒28	26°35	10°41	28° 3	14°26	17° 1	10°22	12° 7	12°38	4°58	5°33	14°37	16°51	T 14
F 15	13 33 58	25°19'30	13°29	27°38	11°55	28°51	14°26	17° 8	10°25	12° 9	12°38	4°57	5°30	14°44	16°54	F 15
S 16	13 37 55	26°18'55	25°40	28°44	13°10	29°38	14°28	17°15	10°28	12°11	12°38	4°56	5°27	14°51	16°58	S 16
S 17	13 41 51	27°18'18	8♓ 6	29°52	14°24	0♈25	14°29	17°22	10°30	12°14	12°38	4°55	5°24	14°57	17° 1	S 17
M18	13 45 48	28°17'39	20°49	1♈ 2	15°38	1°12	14°30	17°30	10°33	12°16	12°38	4°54	5°21	15° 4	17° 4	M18
T 19	13 49 45	29°16'59	3♈53	2°15	16°52	1°59	14°32	17°37	10°36	12°18	12°37	4°54	5°17	15°11	17° 7	T 19
W20	13 53 41	0♉16'17	17°16	3°30	18° 6	2°45	14°34	17°44	10°38	12°20	12°37	4°53	5°14	15°17	17°11	W20
T 21	13 57 38	1°15'33	0♉58	4°46	19°20	3°32	14°36	17°52	10°41	12°22	12°37	4°D53	5°11	15°24	17°14	T 21
F 22	14 1 34	2°14'47	14°57	6° 5	20°34	4°19	14°38	17°59	10°43	12°25	12°37	4°53	5° 8	15°31	17°17	F 22
S 23	14 5 31	3°13'59	29° 9	7°25	21°48	5° 6	14°41	18° 7	10°46	12°27	12°37	4°53	5° 5	15°38	17°21	S 23
S 24	14 9 27	4°13'08	13♊30	8°47	23° 2	5°53	14°43	18°14	10°48	12°29	12°37	4°53	5° 1	15°44	17°24	S 24
M25	14 13 24	5°12'16	27°54	10°11	24°16	6°40	14°46	18°22	10°50	12°31	12°D37	4°R53	4°58	15°51	17°28	M25
T 26	14 17 20	6°11'22	12♋17	11°37	25°30	7°27	14°49	18°29	10°53	12°33	12°37	4°53	4°55	15°58	17°32	T 26
W27	14 21 17	7°10'25	26°36	13° 4	26°44	8°14	14°52	18°37	10°55	12°35	12°37	4°53	4°52	16° 4	17°35	W27
T 28	14 25 14	8° 9'26	10♌48	14°33	27°58	9° 1	14°55	18°44	10°57	12°37	12°37	4°D53	4°49	16°11	17°39	T 28
F 29	14 29 10	9° 8'25	24°49	16° 4	29°12	9°48	14°59	18°52	11° 0	12°40	12°37	4°53	4°46	16°18	17°43	F 29
S 30	14 33 7	10♉ 7'21	8♍40	17♈36	0♊25	10♈35	15♌ 3	18♉59	11♓ 2	12♈42	12♌37	4♉54	4♉42	16♊25	17♊46	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n29	21n28	5n10	4s 5	0n41	8n29	1s 3	5s49	1s 9	17n 4	0n43	14n18	2s10	8s33	0s44	3n29	1s10	19n11	2n24	13n 8	13n31	27s21	17n27	5s10
S 2	4 52	16 33	4 49	4 13	0 28	8 58	1 1	5 31	1 9	17 4	0 43	14 20	2 10	8 32	0 44	3 30	1 10	19 11	2 24	13 7	13 30	27 21	17 28	5 9
S 3	5 16	10 47	4 10	4 18	0 14	9 26	0 59	5 12	1 9	17 5	0 43	14 22	2 10	8 31	0 44	3 31	1 10	19 11	2 24	13 6	13 29	27 21	17 28	5 9
M 4	5 39	4 33	3 17	4 21	0 1	9 54	0 57	4 54	1 9	17 5	0 43	14 24	2 10	8 30	0 44	3 32	1 10	19 11	2 24	13 5	13 28	27 20	17 28	5 9
T 5	6 2	1s48	2 14	4 21	0s12	10 22	0 56	4 36	1 9	17 5	0 43	14 26	2 10	8 29	0 44	3 33	1 10	19 11	2 24	13 4	13 27	27 20	17 29	5 9
W 6	6 24	7 57	1 4	4 19	0 24	10 50	0 54	4 17	1 9	17 6	0 43	14 28	2 10	8 28	0 44	3 34	1 10	19 11	2 24	13 4	13 26	27 20	17 29	5 8
T 7	6 47	13 38	0s 7	4 15	0 35	11 17	0 52	3 59	1 9	17 6	0 43	14 30	2 10	8 27	0 44	3 35	1 10	19 12	2 24	13 4	13 25	27 19	17 30	5 8
F 8	7 10	18 36	1 17	4 9	0 46	11 44	0 50	3 40	1 9	17 6	0 43	14 32	2 9	8 26	0 44	3 36	1 10	19 12	2 24	13 4	13 24	27 19	17 30	5 8
S 9	7 32	22 38	2 22	4 1	0 57	12 11	0 48	3 22	1 8	17 6	0 43	14 34	2 9	8 24	0 45	3 36	1 10	19 12	2 24	13 4	13 23	27 18	17 31	5 8
S 10	7 55	25 35	3 18	3 52	1 7	12 38	0 46	3 3	1 8	17 6	0 43	14 37	2 9	8 23	0 45	3 37	1 10	19 12	2 24	13 5	13 22	27 18	17 31	5 8
M11	8 17	27 19	4 6	3 40	1 16	13 4	0 43	2 45	1 8	17 6	0 43	14 39	2 9	8 22	0 45	3 38	1 10	19 12	2 24	13 5	13 21	27 18	17 32	5 7
T 12	8 39	27 45	4 41	3 26	1 25	13 30	0 41	2 26	1 8	17 6	0 43	14 41	2 9	8 21	0 45	3 39	1 10	19 12	2 24	13 6	13 20	27 17	17 32	5 7
W13	9 1	26 54	5 5	3 11	1 34	13 56	0 39	2 7	1 8	17 5	0 43	14 43	2 9	8 20	0 45	3 40	1 10	19 12	2 24	13 6	13 19	27 17	17 33	5 7
T 14	9 23	24 50	5 16	2 54	1 42	14 21	0 37	1 49	1 8	17 5	0 43	14 45	2 9	8 19	0 45	3 41	1 10	19 12	2 24	13 6	13 17	27 16	17 33	5 7
F 15	9 44	21 40	5 13	2 36	1 49	14 46	0 34	1 30	1 8	17 5	0 43	14 47	2 9	8 18	0 45	3 42	1 10	19 12	2 24	13 6	13 16	27 16	17 34	5 7
S 16	10 6	17 32	4 56	2 16	1 56	15 11	0 32	1 11	1 8	17 5	0 43	14 49	2 9	8 17	0 45	3 42	1 10	19 13	2 24	13 5	13 15	27 15	17 34	5 6
S 17	10 27	12 35	4 25	1 55	2 2	15 35	0 30	0 53	1 8	17 4	0 43	14 51	2 8	8 16	0 45	3 43	1 10	19 13	2 24	13 5	13 14	27 15	17 35	5 6
M18	10 48	7 0	3 41	1 33	2 8	15 59	0 27	0 34	1 8	17 4	0 43	14 53	2 8	8 15	0 45	3 44	1 10	19 13	2 24	13 5	13 13	27 14	17 35	5 6
T 19	11 9	0 58	2 43	1 9	2 13	16 22	0 25	0 15	1 8	17 3	0 43	14 56	2 8	8 14	0 45	3 45	1 10	19 13	2 24	13 4	13 12	27 14	17 36	5 6
W20	11 30	5n15	1 36	0 44	2 18	16 45	0 23	0n 3	1 8	17 3	0 43	14 58	2 8	8 13	0 45	3 46	1 11	19 13	2 24	13 4	13 11	27 14	17 36	5 6
T 21	11 50	11 24	0 22	0 17	2 22	17 8	0 20	0 22	1 8	17 2	0 43	15 0	2 8	8 13	0 45	3 47	1 11	19 13	2 24	13 4	13 10	27 13	17 37	5 6
F 22	12 11	17 6	0n56	0n10	2 26	17 30	0 18	0 41	1 7	17 1	0 43	15 2	2 8	8 12	0 45	3 47	1 11	19 13	2 24	13 4	13 9	27 13	17 37	5 5
S 23	12 31	21 58	2 11	0 39	2 29	17 52	0 15	0 59	1 7	17 0	0 43	15 4	2 8	8 11	0 45	3 48	1 11	19 13	2 24	13 4	13 8	27 12	17 38	5 5
S 24	12 51	25 33	3 18	1 9	2 31	18 13	0 12	1 18	1 7	17 0	0 43	15 6	2 8	8 10	0 45	3 49	1 11	19 13	2 24	13 4	13 7	27 12	17 38	5 5
M25	13 11	27 30	4 13	1 39	2 33	18 34	0 10	1 36	1 7	16 59	0 43	15 8	2 8	8 9	0 45	3 50	1 11	19 13	2 24	13 4	13 6	27 11	17 39	5 5
T 26	13 30	27 35	4 53	2 11	2 35	18 54	0 7	1 55	1 7	16 58	0 42	15 10	2 8	8 8	0 45	3 51	1 11	19 13	2 24	13 4	13 5	27 10	17 39	5 5
W27	13 49	25 50	5 14	2 44	2 36	19 14	0 5	2 13	1 7	16 57	0 42	15 12	2 8	8 7	0 45	3 51	1 11	19 13	2 24	13 4	13 4	27 10	17 39	5 5
T 28	14 8	22 28	5 15	3 17	2 37	19 33	0 2	2 32	1 6	16 56	0 42	15 15	2 8	8 6	0 45	3 52	1 11	19 13	2 24	13 4	13 3	27 9	17 40	5 4
F 29	14 27	17 51	4 58	3 52	2 37	19 52	0n 0	2 50	1 6	16 55	0 42	15 17	2 8	8 6	0 45	3 53	1 11	19 13	2 24	13 4	13 2	27 9	17 40	5 4
S 30	14n46	12n21	4n24	4n27	2s37	20n10	0n 3	3n 9	1s 6	16n54	0n42	15n19	2s 7	8s 5	0s45	3n54	1s11	19n13	2n24	13n 4	13n 1	27s 8	17n41	5s 4

Julian Day Number = 2881525.5, Delta T = 01h15m46s
Ecliptic obliquity = 23°17'21, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°13'37, Lahiri = 40°20'37

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ASTRODIENST EPHEMERIS for the year 3177
geocentric

MAY 3177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 37 3	11♉ 6'15	22♍18	19♈10	1♊39	11♈21	15♌ 6	19♉ 7	11♓ 4	12♈44	12♌37	4♉54	4♉39	16♑31	17♊50	S 1
M 2	14 41 0	12° 5'07	5♎43	20°46	2°53	12° 8	15°10	19°14	11° 6	12°46	12°38	4°55	4°36	16°38	17°54	M 2
T 3	14 44 56	13° 3'57	18°55	22°23	4° 7	12°55	15°15	19°22	11° 8	12°48	12°38	4°55	4°33	16°45	17°58	T 3
W 4	14 48 53	14° 2'44	1♏54	24° 2	5°20	13°42	15°19	19°30	11°10	12°50	12°38	4°R56	4°30	16°51	18° 1	W 4
T 5	14 52 49	15° 1'30	14°40	25°42	6°34	14°29	15°24	19°37	11°12	12°52	12°38	4°55	4°27	16°58	18° 5	T 5
F 6	14 56 46	16° 0'14	27°13	27°24	7°47	15°15	15°28	19°45	11°14	12°54	12°38	4°55	4°23	17° 5	18° 9	F 6
S 7	15 0 43	16°58'56	9♐33	29° 7	9° 1	16° 2	15°33	19°52	11°16	12°56	12°39	4°54	4°20	17°12	18°13	S 7
S 8	15 4 39	17°57'37	21°43	0♉52	10°14	16°49	15°38	20° 0	11°18	12°58	12°39	4°52	4°17	17°18	18°17	S 8
M 9	15 8 36	18°56'15	3♑44	2°39	11°28	17°35	15°43	20° 8	11°20	13° 0	12°39	4°50	4°14	17°25	18°21	M 9
T 10	15 12 32	19°54'52	15°39	4°28	12°41	18°22	15°49	20°15	11°21	13° 2	12°40	4°48	4°11	17°32	18°25	T 10
W11	15 16 29	20°53'28	27°32	6°18	13°54	19° 9	15°54	20°23	11°23	13° 3	12°40	4°46	4° 7	17°39	18°29	W11
T 12	15 20 25	21°52'01	9♒26	8° 9	15° 8	19°55	16° 0	20°30	11°25	13° 5	12°41	4°44	4° 4	17°45	18°33	T 12
F 13	15 24 22	22°50'33	21°25	10° 3	16°21	20°42	16° 5	20°38	11°26	13° 7	12°41	4°D44	4° 1	17°52	18°38	F 13
S 14	15 28 18	23°49'04	3♓35	11°58	17°34	21°28	16°11	20°46	11°28	13° 9	12°41	4°44	3°58	17°59	18°42	S 14
S 15	15 32 15	24°47'32	15°59	13°54	18°48	22°15	16°17	20°53	11°29	13°11	12°42	4°45	3°55	18° 5	18°46	S 15
M16	15 36 12	25°46'00	28°43	15°53	20° 1	23° 1	16°24	21° 1	11°31	13°13	12°42	4°47	3°52	18°12	18°50	M16
T 17	15 40 8	26°44'25	11♈48	17°53	21°14	23°48	16°30	21° 8	11°32	13°14	12°43	4°48	3°48	18°19	18°54	T 17
W18	15 44 5	27°42'50	25°18	19°54	22°27	24°34	16°37	21°16	11°34	13°16	12°44	4°49	3°45	18°26	18°59	W18
T 19	15 48 1	28°41'12	9♉13	21°57	23°40	25°21	16°43	21°24	11°35	13°18	12°44	4°R49	3°42	18°32	19° 3	T 19
F 20	15 51 58	29°39'33	23°30	24° 1	24°53	26° 7	16°50	21°31	11°37	13°20	12°45	4°48	3°39	18°39	19° 7	F 20
S 21	15 55 54	0♊37'53	8♊ 6	26° 7	26° 6	26°54	16°57	21°39	11°38	13°21	12°45	4°46	3°36	18°46	19°11	S 21
S 22	15 59 51	1°36'10	22°54	28°14	27°19	27°40	17° 4	21°46	11°39	13°23	12°46	4°43	3°33	18°52	19°16	S 22
M23	16 3 47	2°34'26	7♋45	0♊22	28°32	28°26	17°11	21°54	11°40	13°25	12°47	4°39	3°29	18°59	19°20	M23
T 24	16 7 44	3°32'40	22°33	2°31	29°45	29°12	17°19	22° 1	11°41	13°26	12°47	4°35	3°26	19° 6	19°24	T 24
W25	16 11 41	4°30'53	7♌ 9	4°41	0♋58	29°59	17°26	22° 9	11°42	13°28	12°48	4°32	3°23	19°13	19°29	W25
T 26	16 15 37	5°29'03	21°30	6°51	2°10	0♉45	17°34	22°16	11°43	13°30	12°49	4°30	3°20	19°19	19°33	T 26
F 27	16 19 34	6°27'11	5♍32	9° 2	3°23	1°31	17°42	22°24	11°44	13°31	12°50	4°D29	3°17	19°26	19°38	F 27
S 28	16 23 30	7°25'17	19°14	11°12	4°36	2°17	17°49	22°31	11°45	13°33	12°50	4°30	3°13	19°33	19°42	S 28
S 29	16 27 27	8°23'21	2♎38	13°23	5°49	3° 3	17°57	22°39	11°46	13°34	12°51	4°31	3°10	19°39	19°46	S 29
M30	16 31 23	9°21'24	15°44	15°32	7° 1	3°49	18° 6	22°46	11°47	13°36	12°52	4°33	3° 7	19°46	19°51	M30
T 31	16 35 20	10♊19'24	28♎36	17♊41	8♋14	4♉35	18♌14	22♉54	11♓48	13♈37	12♌53	4°R34	3♉ 4	19♑53	19♊55	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	15n 4	6n20	3n35	5n 3	2s36	20n27	0n 6	3n27	1s 6	16n53	0n42	15n21	2s 7	8s 4	0s45	3n55	1s11	19n13	2n24	13n 4	13n 0	27s 8	17n41	5s 4	
M 2	15 22	0 7	2 35	5 40	2 34	20 45	0 8	3 46	1 6	16 51	0 42	15 23	2 7	8 3	0 45	3 55	1 11	19 13	2 24	13 5	12 58	27 7	17 42	5 4	
T 3	15 40	6s 1	1 27	6 18	2 32	21 1	0 11	4 4	1 5	16 50	0 42	15 25	2 7	8 3	0 45	3 56	1 11	19 13	2 24	13 5	12 57	27 7	17 42	5 4	
W 4	15 57	11 48	0 17	6 56	2 30	21 17	0 14	4 22	1 5	16 49	0 42	15 27	2 7	8 2	0 45	3 57	1 11	19 13	2 24	13 5	12 56	27 6	17 43	5 4	
T 5	16 15	17 0	0s54	7 35	2 27	21 32	0 16	4 40	1 5	16 47	0 42	15 29	2 7	8 1	0 45	3 58	1 11	19 13	2 24	13 5	12 55	27 5	17 43	5 4	
F 6	16 31	21 22	2 0	8 15	2 23	21 47	0 19	4 59	1 5	16 46	0 42	15 31	2 7	8 0	0 45	3 58	1 11	19 12	2 24	13 5	12 54	27 5	17 44	5 3	
S 7	16 48	24 43	3 0	8 55	2 20	22 1	0 22	5 17	1 4	16 45	0 42	15 33	2 7	8 0	0 45	3 59	1 11	19 12	2 24	13 4	12 53	27 4	17 44	5 3	
S 8	17 5	26 52	3 51	9 36	2 15	22 15	0 24	5 35	1 4	16 43	0 42	15 35	2 7	7 59	0 45	4 0	1 11	19 12	2 24	13 4	12 52	27 3	17 44	5 3	
M 9	17 21	27 44	4 30	10 17	2 10	22 28	0 27	5 53	1 4	16 42	0 42	15 37	2 7	7 58	0 45	4 1	1 11	19 12	2 24	13 3	12 51	27 3	17 45	5 3	
T 10	17 36	27 19	4 58	10 58	2 5	22 40	0 30	6 10	1 4	16 40	0 42	15 39	2 7	7 58	0 45	4 1	1 11	19 12	2 24	13 2	12 50	27 2	17 45	5 3	
W11	17 52	25 38	5 13	11 40	1 59	22 52	0 32	6 28	1 3	16 38	0 42	15 41	2 7	7 57	0 46	4 2	1 11	19 12	2 24	13 2	12 49	27 2	17 46	5 3	
T 12	18 7	22 50	5 14	12 22	1 53	23 3	0 35	6 46	1 3	16 37	0 42	15 43	2 7	7 57	0 46	4 3	1 11	19 12	2 24	13 1	12 48	27 1	17 46	5 3	
F 13	18 22	19 2	5 2	13 4	1 46	23 13	0 38	7 4	1 3	16 35	0 42	15 45	2 7	7 56	0 46	4 3	1 11	19 12	2 24	13 1	12 47	27 0	17 47	5 3	
S 14	18 37	14 26	4 36	13 46	1 38	23 23	0 40	7 21	1 2	16 33	0 42	15 47	2 7	7 55	0 46	4 4	1 11	19 12	2 24	13 1	12 46	27 0	17 47	5 3	
S 15	18 51	9 9	3 57	14 28	1 31	23 32	0 43	7 39	1 2	16 31	0 42	15 49	2 7	7 55	0 46	4 5	1 11	19 12	2 24	13 2	12 45	26 59	17 47	5 3	
M16	19 5	3 21	3 6	15 10	1 23	23 40	0 45	7 56	1 2	16 29	0 42	15 51	2 7	7 54	0 46	4 5	1 11	19 11	2 24	13 2	12 44	26 58	17 48	5 3	
T 17	19 18	2n45	2 3	15 52	1 14	23 48	0 48	8 14	1 1	16 27	0 42	15 53	2 7	7 54	0 46	4 6	1 11	19 11	2 24	13 2	12 42	26 58	17 48	5 3	
W18	19 32	8 55	0 52	16 34	1 5	23 55	0 51	8 31	1 1	16 25	0 42	15 55	2 7	7 53	0 46	4 7	1 11	19 11	2 24	13 3	12 41	26 57	17 49	5 3	
T 19	19 45	14 51	0n24	17 15	0 56	24 1	0 53	8 48	1 1	16 23	0 42	15 57	2 7	7 53	0 46	4 7	1 11	19 11	2 24	13 3	12 40	26 56	17 49	5 2	
F 20	19 57	20 10	1 41	17 55	0 46	24 7	0 56	9 5	1 0	16 21	0 42	15 59	2 7	7 52	0 46	4 8	1 11	19 11	2 24	13 3	12 39	26 55	17 49	5 2	
S 21	20 9	24 22	2 52	18 34	0 36	24 12	0 58	9 22	1 0	16 19	0 42	16 1	2 7	7 52	0 46	4 9	1 11	19 11	2 24	13 2	12 38	26 55	17 50	5 2	
S 22	20 21	26 59	3 54	19 13	0 26	24 16	1 0	9 39	1 0	16 17	0 41	16 3	2 7	7 52	0 46	4 9	1 11	19 10	2 24	13 1	12 37	26 54	17 50	5 2	
M23	20 33	27 42	4 39	19 51	0 16	24 20	1 3	9 56	0 59	16 15	0 41	16 5	2 7	7 51	0 46	4 10	1 11	19 10	2 24	12 59	12 36	26 53	17 50	5 2	
T 24	20 44	26 27	5 6	20 27	0 5	24 23	1 5	10 12	0 59	16 12	0 41	16 7	2 7	7 51	0 46	4 10	1 11	19 10	2 24	12 58	12 35	26 52	17 51	5 2	
W25	20 55	23 24	5 12	21 1	0n 5	24 25	1 8	10 29	0 59	16 10	0 41	16 9	2 7	7 50	0 46	4 11	1 12	19 10	2 24	12 57	12 34	26 52	17 51	5 2	
T 26	21 5	18 58	4 59	21 35	0 16	24 26	1 10	10 45	0 58	16 8	0 41	16 11	2 7	7 50	0 46	4 12	1 12	19 10	2 24	12 56	12 33	26 51	17 51	5 2	
F 27	21 15	13 35	4 28	22 6	0 26	24 27	1 12	11 1	0 58	16 5	0 41	16 12	2 7	7 50	0 46	4 12	1 12	19 9	2 24	12 56	12 32	26 50	17 52	5 2	
S 28	21 25	7 39	3 42	22 35	0 36	24 27	1 14	11 18	0 57	16 3	0 41	16 14	2 7	7 49	0 46	4 13	1 12	19 9	2 24	12 56	12 31	26 49	17 52	5 2	
S 29	21 34	1 29	2 45	23 2	0 46	24 26	1 17	11 34	0 57	16 0	0 41	16 16	2 7	7 49	0 46	4 13	1 12	19 9	2 24	12 57	12 30	26 49	17 52	5 2	
M30	21 43	4s36	1 41	23 27	0 56	24 25	1 19	11 50	0 56	15 58	0 41	16 18	2 7	7 49	0 46	4 14	1 12	19 9	2 24	12 57	12 29	26 48	17 53	5 2	
T 31	21n51	10s24	0n32	23n49	1n 6	24n23	1n21	12n 5	0s56	15n55	0n41	16n20	2s 7	7s48	0s46	4n14	1s12	19n 9	2n24	12n58	12n27	26s47	17n53	5s 2	

Julian Day Number = 2881555.5, Delta T = 01h15m47s
Ecliptic obliquity = 23°17'21, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°13'41, Lahiri = 40°20'42

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ASTRODIENST EPHEMERIS for the year 3177
geocentric

JUNE 3177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 39 16	11♊17'23	11♏14	19♊49	9♋26	5♉21	18♌22	23♉ 1	11♓49	13♈38	12♌54	4°R34	3♉ 1	20♑ 0	20♊ 0	W 1
T 2	16 43 13	12°15'21	23°41	21°55	10°39	6° 7	18°31	23° 8	11°49	13°40	12°55	4♉32	2°58	20° 6	20° 4	T 2
F 3	16 47 10	13°13'17	5♐59	24° 0	11°51	6°53	18°39	23°16	11°50	13°41	12°56	4°28	2°54	20°13	20° 9	F 3
S 4	16 51 6	14°11'11	18° 8	26° 3	13° 3	7°39	18°48	23°23	11°51	13°43	12°57	4°23	2°51	20°20	20°13	S 4
S 5	16 55 3	15° 9'04	0♑11	28° 3	14°16	8°24	18°57	23°30	11°51	13°44	12°57	4°16	2°48	20°26	20°18	S 5
M 6	16 58 59	16° 6'56	12° 8	0♋ 2	15°28	9°10	19° 6	23°37	11°52	13°45	12°58	4° 9	2°45	20°33	20°22	M 6
T 7	17 2 56	17° 4'46	24° 1	1°58	16°40	9°56	19°15	23°45	11°52	13°47	12°59	4° 1	2°42	20°40	20°27	T 7
W 8	17 6 52	18° 2'35	5♒53	3°51	17°52	10°42	19°24	23°52	11°53	13°48	13° 0	3°54	2°39	20°47	20°31	W 8
T 9	17 10 49	19° 0'23	17°47	5°42	19° 4	11°27	19°33	23°59	11°53	13°49	13° 2	3°48	2°35	20°53	20°35	T 9
F 10	17 14 45	19°58'10	29°45	7°29	20°17	12°13	19°43	24° 6	11°53	13°50	13° 3	3°44	2°32	21° 0	20°40	F 10
S 11	17 18 42	20°55'55	11♓53	9°14	21°29	12°58	19°52	24°13	11°53	13°51	13° 4	3°41	2°29	21° 7	20°44	S 11
S 12	17 22 39	21°53'40	24°14	10°56	22°41	13°44	20° 2	24°20	11°54	13°52	13° 5	3°D41	2°26	21°14	20°49	S 12
M13	17 26 35	22°51'24	6♈53	12°35	23°52	14°29	20°11	24°27	11°54	13°54	13° 6	3°42	2°23	21°20	20°53	M13
T 14	17 30 32	23°49'06	19°55	14°10	25° 4	15°15	20°21	24°34	11°54	13°55	13° 7	3°43	2°19	21°27	20°58	T 14
W15	17 34 28	24°46'48	3♉23	15°43	26°16	16° 0	20°31	24°41	11°54	13°56	13° 8	3°R43	2°16	21°34	21° 2	W15
T 16	17 38 25	25°44'29	17°19	17°12	27°28	16°45	20°41	24°48	11°R54	13°57	13° 9	3°43	2°13	21°40	21° 7	T 16
F 17	17 42 21	26°42'09	1♊42	18°38	28°40	17°31	20°51	24°55	11°54	13°58	13°11	3°40	2°10	21°47	21°11	F 17
S 18	17 46 18	27°39'48	16°30	20° 1	29°51	18°16	21° 1	25° 2	11°54	13°59	13°12	3°35	2° 7	21°54	21°16	S 18
S 19	17 50 15	28°37'26	1♋34	21°21	1♌ 3	19° 1	21°11	25° 9	11°54	13°59	13°13	3°28	2° 4	22° 1	21°20	S 19
M20	17 54 11	29°35'03	16°46	22°38	2°14	19°46	21°22	25°16	11°54	14° 0	13°14	3°20	2° 0	22° 7	21°25	M20
T 21	17 58 8	0♋32'39	1♌55	23°51	3°26	20°31	21°32	25°22	11°53	14° 1	13°15	3°11	1°57	22°14	21°29	T 21
W22	18 2 4	1°30'13	16°51	25° 0	4°37	21°16	21°43	25°29	11°53	14° 2	13°17	3° 4	1°54	22°21	21°34	W22
T 23	18 6 1	2°27'47	1♍26	26° 6	5°49	22° 1	21°53	25°36	11°53	14° 3	13°18	2°58	1°51	22°27	21°38	T 23
F 24	18 9 57	3°25'19	15°37	27° 9	7° 0	22°46	22° 4	25°42	11°52	14° 4	13°19	2°55	1°48	22°34	21°43	F 24
S 25	18 13 54	4°22'49	29°22	28° 8	8°11	23°31	22°15	25°49	11°52	14° 4	13°21	2°D53	1°45	22°41	21°47	S 25
S 26	18 17 50	5°20'19	12♎42	29° 3	9°23	24°16	22°25	25°55	11°51	14° 5	13°22	2°53	1°41	22°48	21°52	S 26
M27	18 21 47	6°17'47	25°40	29°55	10°34	25° 0	22°36	26° 2	11°51	14° 6	13°23	2°54	1°38	22°54	21°56	M27
T 28	18 25 44	7°15'14	8♏19	0♌43	11°45	25°45	22°47	26° 8	11°50	14° 6	13°25	2°R54	1°35	23° 1	22° 0	T 28
W29	18 29 40	8°12'41	20°45	1°26	12°56	26°30	22°58	26°14	11°50	14° 7	13°26	2°53	1°32	23° 8	22° 5	W29
T 30	18 33 37	9♋10'06	2♐59	2♌ 6	14♌ 7	27♉14	23♌ 9	26♉21	11♓49	14♈ 7	13♌27	2♉49	1♉29	23♑15	22♊ 9	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 0	15s41	0s36	24n 9	1n15	24n20	1n23	12n21	0s56	15n53	0n41	16n22	2s 7	7s48	0s46	4n15	1s12	19n 8	2n24	12n58	12n26	26s46	17n53	5s 2
T 2	22 7	20 14	1 42	24 26	1 23	24 17	1 25	12 36	0 55	15 50	0 41	16 23	2 7	7 48	0 46	4 15	1 12	19 8	2 24	12 57	12 25	26 45	17 54	5 2
F 3	22 15	23 50	2 42	24 40	1 31	24 12	1 27	12 52	0 55	15 48	0 41	16 25	2 7	7 48	0 46	4 16	1 12	19 8	2 24	12 56	12 24	26 44	17 54	5 2
S 4	22 22	26 19	3 34	24 52	1 38	24 7	1 29	13 7	0 54	15 45	0 41	16 27	2 7	7 48	0 46	4 16	1 12	19 8	2 24	12 54	12 23	26 44	17 54	5 2
S 5	22 28	27 33	4 16	25 2	1 45	24 2	1 31	13 22	0 54	15 42	0 41	16 29	2 7	7 47	0 47	4 17	1 12	19 7	2 24	12 52	12 22	26 43	17 55	5 2
M 6	22 34	27 29	4 46	25 8	1 51	23 56	1 32	13 37	0 53	15 39	0 41	16 30	2 7	7 47	0 47	4 17	1 12	19 7	2 24	12 49	12 21	26 42	17 55	5 2
T 7	22 40	26 9	5 3	25 13	1 56	23 49	1 34	13 52	0 53	15 36	0 41	16 32	2 7	7 47	0 47	4 18	1 12	19 7	2 24	12 47	12 20	26 41	17 55	5 2
W 8	22 45	23 39	5 8	25 15	2 1	23 41	1 36	14 7	0 52	15 34	0 41	16 34	2 7	7 47	0 47	4 18	1 12	19 6	2 24	12 44	12 19	26 40	17 55	5 3
T 9	22 50	20 9	4 59	25 14	2 4	23 33	1 37	14 21	0 52	15 31	0 41	16 35	2 8	7 47	0 47	4 19	1 12	19 6	2 24	12 42	12 18	26 39	17 56	5 3
F 10	22 55	15 49	4 37	25 12	2 7	23 24	1 39	14 35	0 51	15 28	0 41	16 37	2 8	7 47	0 47	4 19	1 12	19 6	2 24	12 41	12 17	26 38	17 56	5 3
S 11	22 59	10 48	4 3	25 7	2 9	23 14	1 40	14 50	0 51	15 25	0 41	16 39	2 8	7 47	0 47	4 19	1 12	19 6	2 24	12 40	12 16	26 38	17 56	5 3
S 12	23 3	5 17	3 16	25 1	2 10	23 4	1 42	15 4	0 50	15 22	0 41	16 40	2 8	7 47	0 47	4 20	1 12	19 5	2 24	12 40	12 14	26 37	17 56	5 3
M13	23 6	0n35	2 19	24 52	2 11	22 53	1 43	15 18	0 50	15 19	0 41	16 42	2 8	7 47	0 47	4 20	1 12	19 5	2 24	12 40	12 13	26 36	17 57	5 3
T 14	23 9	6 36	1 14	24 42	2 10	22 42	1 45	15 31	0 49	15 16	0 41	16 44	2 8	7 47	0 47	4 20	1 12	19 5	2 24	12 41	12 12	26 35	17 57	5 3
W15	23 11	12 32	0 2	24 30	2 9	22 30	1 46	15 45	0 49	15 12	0 41	16 45	2 8	7 47	0 47	4 21	1 12	19 4	2 24	12 41	12 11	26 34	17 57	5 3
T 16	23 13	18 3	1n12	24 17	2 7	22 17	1 47	15 58	0 48	15 9	0 41	16 47	2 8	7 47	0 47	4 21	1 12	19 4	2 24	12 41	12 10	26 33	17 57	5 3
F 17	23 15	22 44	2 24	24 3	2 4	22 4	1 48	16 11	0 48	15 6	0 41	16 48	2 8	7 47	0 47	4 22	1 12	19 4	2 24	12 40	12 9	26 32	17 57	5 3
S 18	23 16	26 4	3 28	23 47	2 0	21 50	1 49	16 24	0 47	15 3	0 41	16 50	2 8	7 47	0 47	4 22	1 13	19 3	2 24	12 38	12 8	26 31	17 58	5 3
S 19	23 17	27 36	4 19	23 31	1 56	21 35	1 50	16 37	0 46	15 0	0 41	16 51	2 8	7 47	0 47	4 22	1 13	19 3	2 24	12 36	12 7	26 30	17 58	5 3
M20	23 17	27 5	4 52	23 13	1 50	21 20	1 51	16 50	0 46	14 56	0 41	16 53	2 8	7 47	0 47	4 22	1 13	19 3	2 24	12 33	12 6	26 29	17 58	5 3
T 21	23 17	24 33	5 5	22 54	1 44	21 5	1 52	17 2	0 45	14 53	0 41	16 54	2 8	7 47	0 47	4 23	1 13	19 2	2 24	12 30	12 5	26 28	17 58	5 4
W22	23 17	20 24	4 56	22 35	1 37	20 48	1 52	17 15	0 45	14 50	0 41	16 56	2 9	7 47	0 47	4 23	1 13	19 2	2 24	12 27	12 4	26 27	17 58	5 4
T 23	23 16	15 4	4 28	22 15	1 29	20 32	1 53	17 27	0 44	14 46	0 41	16 57	2 9	7 48	0 47	4 23	1 13	19 2	2 24	12 26	12 3	26 26	17 58	5 4
F 24	23 15	9 5	3 45	21 55	1 21	20 14	1 54	17 39	0 43	14 43	0 41	16 59	2 9	7 48	0 47	4 24	1 13	19 1	2 24	12 24	12 1	26 25	17 58	5 4
S 25	23 13	2 50	2 49	21 34	1 11	19 56	1 54	17 51	0 43	14 39	0 41	17 0	2 9	7 48	0 47	4 24	1 13	19 1	2 24	12 24	12 0	26 24	17 59	5 4
S 26	23 11	3s22	1 46	21 13	1 1	19 38	1 54	18 2	0 42	14 36	0 41	17 2	2 9	7 48	0 47	4 24	1 13	19 1	2 24	12 24	11 59	26 23	17 59	5 4
M27	23 8	9 16	0 39	20 52	0 50	19 19	1 55	18 14	0 42	14 32	0 41	17 3	2 9	7 48	0 47	4 24	1 13	19 0	2 24	12 24	11 58	26 22	17 59	5 4
T 28	23 6	14 39	0s29	20 30	0 39	19 0	1 55	18 25	0 41	14 29	0 41	17 4	2 9	7 49	0 47	4 24	1 13	19 0	2 24	12 24	11 57	26 21	17 59	5 5
W29	23 2	19 20	1 34	20 9	0 27	18 40	1 55	18 36	0 40	14 25	0 41	17 6	2 9	7 49	0 47	4 25	1 13	19 0	2 25	12 24	11 56	26 20	17 59	5 5
T 30	22n58	23s 7	2s33	19n48	0n14	18n20	1n55	18n46	0s40	14n21	0n41	17n 7	2s 9	7s49	0s48	4n25	1s13	18n59	2n25	12n22	11n55	26s19	17n59	5s 5

Julian Day Number = 2881586.5, Delta T = 01h15m47s
Ecliptic obliquity = 23°17'20, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°13'45, Lahiri = 40°20'46

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ASTRODIENST EPHEMERIS for the year 3177
geocentric

JULY 3177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 37 33	10♋ 7'30	15♐ 4	2♌42	15♌17	27♉59	23♌21	26♉27	11°R48	14♈ 8	13♌29	2°R42	1♉25	23♏21	22♊14	F 1
S 2	18 41 30	11° 4'54	27° 4	3°13	16°28	28°43	23°32	26°33	11♓48	14° 8	13°30	2♉33	1°22	23°28	22°18	S 2
S 3	18 45 26	12° 2'17	9♏ 0	3°40	17°39	29°27	23°43	26°39	11°47	14° 9	13°32	2°22	1°19	23°35	22°22	S 3
M 4	18 49 23	12°59'39	20°54	4° 3	18°49	0♊12	23°55	26°45	11°46	14° 9	13°33	2°10	1°16	23°41	22°27	M 4
T 5	18 53 19	13°57'00	2♒46	4°21	20° 0	0°56	24° 6	26°51	11°45	14°10	13°35	1°57	1°13	23°48	22°31	T 5
W 6	18 57 16	14°54'21	14°40	4°34	21°10	1°40	24°18	26°57	11°44	14°10	13°36	1°45	1°10	23°55	22°35	W 6
T 7	19 1 13	15°51'41	26°35	4°43	22°21	2°24	24°29	27° 3	11°43	14°10	13°37	1°34	1° 6	24° 2	22°39	T 7
F 8	19 5 9	16°49'01	8♓36	4°R48	23°31	3° 8	24°41	27° 9	11°42	14°11	13°39	1°27	1° 3	24° 8	22°44	F 8
S 9	19 9 6	17°46'21	20°44	4°48	24°41	3°52	24°53	27°15	11°41	14°11	13°40	1°21	1° 0	24°15	22°48	S 9
S 10	19 13 2	18°43'40	3♈ 5	4°43	25°51	4°36	25° 4	27°21	11°40	14°11	13°42	1°19	0°57	24°22	22°52	S 10
M11	19 16 59	19°40'59	15°42	4°34	27° 2	5°20	25°16	27°26	11°39	14°12	13°43	1°D18	0°54	24°28	22°56	M11
T 12	19 20 55	20°38'18	28°39	4°21	28°12	6° 4	25°28	27°32	11°38	14°12	13°45	1°R18	0°51	24°35	23° 0	T 12
W13	19 24 52	21°35'37	12♉ 1	4° 4	29°21	6°48	25°40	27°37	11°36	14°12	13°47	1°17	0°47	24°42	23° 4	W13
T 14	19 28 48	22°32'56	25°50	3°43	0♍31	7°32	25°52	27°43	11°35	14°12	13°48	1°16	0°44	24°49	23° 9	T 14
F 15	19 32 45	23°30'15	10♊ 8	3°18	1°41	8°15	26° 4	27°48	11°34	14°12	13°50	1°12	0°41	24°55	23°13	F 15
S 16	19 36 42	24°27'34	24°53	2°50	2°51	8°59	26°16	27°53	11°32	14°12	13°51	1° 5	0°38	25° 2	23°17	S 16
S 17	19 40 38	25°24'52	9♋58	2°19	4° 0	9°42	26°28	27°59	11°31	14°R12	13°53	0°56	0°35	25° 9	23°21	S 17
M18	19 44 35	26°22'11	25°16	1°47	5°10	10°26	26°41	28° 4	11°30	14°12	13°54	0°46	0°31	25°16	23°25	M18
T 19	19 48 31	27°19'29	10♌34	1°12	6°19	11° 9	26°53	28° 9	11°28	14°12	13°56	0°35	0°28	25°22	23°29	T 19
W20	19 52 28	28°16'47	25°42	0°36	7°28	11°53	27° 5	28°14	11°27	14°12	13°57	0°25	0°25	25°29	23°33	W20
T 21	19 56 24	29°14'04	10♍30	29♋59	8°37	12°36	27°18	28°19	11°25	14°12	13°59	0°18	0°22	25°36	23°36	T 21
F 22	20 0 21	0♌11'22	24°51	29°23	9°47	13°19	27°30	28°24	11°23	14°12	14° 1	0°12	0°19	25°42	23°40	F 22
S 23	20 4 18	1° 8'38	8♎43	28°47	10°56	14° 2	27°42	28°29	11°22	14°11	14° 2	0°10	0°16	25°49	23°44	S 23
S 24	20 8 14	2° 5'55	22° 7	28°13	12° 4	14°45	27°55	28°34	11°20	14°11	14° 4	0° 9	0°12	25°56	23°48	S 24
M25	20 12 11	3° 3'11	5♏ 5	27°40	13°13	15°28	28° 7	28°38	11°18	14°11	14° 6	0° 9	0° 9	26° 3	23°52	M25
T 26	20 16 7	4° 0'27	17°42	27°10	14°22	16°11	28°20	28°43	11°17	14°11	14° 7	0° 8	0° 6	26° 9	23°56	T 26
W27	20 20 4	4°57'42	0♐ 2	26°43	15°30	16°54	28°33	28°47	11°15	14°10	14° 9	0° 6	0° 3	26°16	23°59	W27
T 28	20 24 0	5°54'58	12°10	26°19	16°39	17°37	28°45	28°52	11°13	14°10	14°10	0° 2	29♈59	26°23	24° 3	T 28
F 29	20 27 57	6°52'13	24° 9	25°59	17°47	18°19	28°58	28°56	11°11	14°10	14°12	29♈55	29°57	26°30	24° 7	F 29
S 30	20 31 53	7°49'29	6♏ 4	25°44	18°55	19° 2	29°11	29° 0	11°10	14° 9	14°14	29°46	29°53	26°36	24°10	S 30
S 31	20 35 50	8♌46'44	17♏56	25♋33	20♍ 3	19♊44	29♌23	29♉ 5	11♓ 8	14♈ 9	14♌15	29♈34	29♈50	26♏43	24♊14	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	22n54	25s50	3s24	19n27	0n 1	17n59	1n55	18n57	0s39	14n18	0n41	17n 8	2s 9	7s49	0s48	4n25	1s13	18n59	2n25	12n20	11n54	26s18	17n59	5s 5	
S 2	22 50	27 21	4 6	19 6	0s13	17 38	1 55	19 7	0 38	14 14	0 41	17 10	2 10	7 50	0 48	4 25	1 13	18 58	2 25	12 17	11 53	26 17	17 59	5 5	
S 3	22 45	27 35	4 37	18 46	0 28	17 16	1 55	19 18	0 38	14 10	0 41	17 11	2 10	7 50	0 48	4 25	1 13	18 58	2 25	12 13	11 52	26 16	17 59	5 5	
M 4	22 40	26 32	4 55	18 26	0 43	16 54	1 54	19 28	0 37	14 7	0 41	17 12	2 10	7 51	0 48	4 25	1 13	18 58	2 25	12 9	11 50	26 15	17 59	5 6	
T 5	22 34	24 18	5 1	18 6	0 58	16 32	1 54	19 37	0 36	14 3	0 41	17 13	2 10	7 51	0 48	4 25	1 13	18 57	2 25	12 5	11 49	26 14	18 0	5 6	
W 6	22 28	21 0	4 53	17 48	1 14	16 9	1 54	19 47	0 36	13 59	0 41	17 15	2 10	7 51	0 48	4 26	1 13	18 57	2 25	12 0	11 48	26 13	18 0	5 6	
T 7	22 21	16 51	4 33	17 30	1 30	15 45	1 53	19 56	0 35	13 55	0 41	17 16	2 10	7 52	0 48	4 26	1 13	18 57	2 25	11 57	11 47	26 12	18 0	5 6	
F 8	22 14	12 1	4 1	17 13	1 47	15 22	1 52	20 6	0 34	13 51	0 41	17 17	2 10	7 52	0 48	4 26	1 13	18 56	2 25	11 54	11 46	26 11	18 0	5 6	
S 9	22 7	6 40	3 17	16 57	2 3	14 58	1 51	20 14	0 34	13 47	0 41	17 18	2 10	7 53	0 48	4 26	1 14	18 56	2 25	11 52	11 45	26 10	18 0	5 6	
S 10	21 59	0 59	2 23	16 42	2 20	14 33	1 51	20 23	0 33	13 43	0 41	17 19	2 11	7 53	0 48	4 26	1 14	18 55	2 25	11 51	11 44	26 8	18 0	5 7	
M11	21 51	4n53	1 22	16 28	2 36	14 9	1 50	20 32	0 32	13 39	0 41	17 20	2 11	7 53	0 48	4 26	1 14	18 55	2 25	11 51	11 43	26 7	18 0	5 7	
T 12	21 43	10 42	0 14	16 16	2 52	13 44	1 49	20 40	0 31	13 36	0 41	17 22	2 11	7 54	0 48	4 26	1 14	18 55	2 25	11 51	11 42	26 6	18 0	5 7	
W13	21 34	16 14	0n56	16 4	3 8	13 18	1 47	20 48	0 31	13 32	0 41	17 23	2 11	7 54	0 48	4 26	1 14	18 54	2 25	11 51	11 41	26 5	18 0	5 7	
T 14	21 25	21 8	2 6	15 54	3 23	12 53	1 46	20 56	0 30	13 27	0 41	17 24	2 11	7 55	0 48	4 26	1 14	18 54	2 25	11 50	11 39	26 4	18 0	5 8	
F 15	21 15	24 57	3 10	15 46	3 38	12 27	1 45	21 4	0 29	13 23	0 41	17 25	2 11	7 55	0 48	4 26	1 14	18 53	2 25	11 49	11 38	26 3	18 0	5 8	
S 16	21 6	27 14	4 3	15 38	3 52	12 0	1 43	21 11	0 29	13 19	0 41	17 26	2 12	7 56	0 48	4 26	1 14	18 53	2 25	11 47	11 37	26 2	18 0	5 8	
S 17	20 55	27 35	4 41	15 33	4 5	11 34	1 42	21 18	0 28	13 15	0 41	17 27	2 12	7 57	0 48	4 26	1 14	18 53	2 25	11 44	11 36	26 0	18 0	5 8	
M18	20 45	25 51	4 59	15 28	4 16	11 7	1 40	21 26	0 27	13 11	0 41	17 28	2 12	7 57	0 48	4 26	1 14	18 52	2 25	11 40	11 35	25 59	17 59	5 8	
T 19	20 34	22 13	4 56	15 25	4 27	10 40	1 38	21 32	0 26	13 7	0 41	17 29	2 12	7 58	0 48	4 26	1 14	18 52	2 25	11 36	11 34	25 58	17 59	5 9	
W20	20 23	17 8	4 32	15 24	4 36	10 13	1 37	21 39	0 26	13 3	0 41	17 30	2 12	7 58	0 48	4 26	1 14	18 51	2 25	11 33	11 33	25 57	17 59	5 9	
T 21	20 11	11 8	3 50	15 23	4 44	9 45	1 35	21 45	0 25	12 59	0 41	17 31	2 12	7 59	0 48	4 25	1 14	18 51	2 25	11 30	11 32	25 56	17 59	5 9	
F 22	19 59	4 43	2 55	15 25	4 51	9 17	1 33	21 51	0 24	12 54	0 41	17 31	2 12	8 0	0 48	4 25	1 14	18 50	2 25	11 28	11 31	25 54	17 59	5 10	
S 23	19 47	1s44	1 51	15 27	4 55	8 49	1 31	21 57	0 23	12 50	0 41	17 32	2 13	8 0	0 48	4 25	1 14	18 50	2 25	11 27	11 30	25 53	17 59	5 10	
S 24	19 34	7 54	0 42	15 31	4 58	8 21	1 28	22 3	0 23	12 46	0 41	17 33	2 13	8 1	0 48	4 25	1 14	18 50	2 26	11 27	11 28	25 52	17 59	5 10	
M25	19 21	13 33	0s26	15 35	5 0	7 53	1 26	22 9	0 22	12 42	0 41	17 34	2 13	8 2	0 48	4 25	1 14	18 49	2 26	11 27	11 27	25 51	17 59	5 10	
T 26	19 8	18 28	1 31	15 41	5 0	7 24	1 24	22 14	0 21	12 37	0 41	17 35	2 13	8 2	0 48	4 25	1 14	18 49	2 26	11 27	11 26	25 50	17 59	5 11	
W27	18 54	22 29	2 31	15 48	4 58	6 56	1 21	22 19	0 20	12 33	0 41	17 36	2 13	8 3	0 48	4 25	1 14	18 48	2 26	11 26	11 25	25 48	17 59	5 11	
T 28	18 41	25 27	3 22	15 56	4 55	6 27	1 18	22 24	0 19	12 29	0 41	17 36	2 14	8 4	0 48	4 25	1 14	18 48	2 26	11 25	11 24	25 47	17 59	5 11	
F 29	18 26	27 14	4 4	16 4	4 50	5 58	1 16	22 28	0 19	12 24	0 41	17 37	2 14	8 4	0 48	4 24	1 14	18 48	2 26	11 22	11 23	25 46	17 58	5 11	
S 30	18 12	27 44	4 35	16 13	4 44	5 29	1 13	22 33	0 18	12 20	0 41	17 38	2 14	8 5	0 48	4 24	1 15	18 47	2 26	11 19	11 22	25 45	17 58	5 12	
S 31	17n57	26s57	4s54	16n22	4s36	4n59	1n10	22n37	0s17	12n16	0n41	17n39	2s14	8s 6	0s49	4n24	1s15	18n47	2n26	11n15	11n21	25s43	17n58	5s12	

Julian Day Number = 2881616.5, Delta T = 01h15m48s
Ecliptic obliquity = 23°17'20, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°13'50, Lahiri = 40°20'50

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3177
geocentric

AUGUST 3177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 39 47	9♌44'00	29♉49	25°R27	21♍11	20♊27	29♌36	29♉ 9	11°R 6	14°R 8	14♌17	29°R21	29♈47	26♉50	24♊17	M 1
T 2	20 43 43	10°41'15	11♒43	25°D26	22°19	21° 9	29°49	29°13	11♓ 4	14♈ 8	14°19	29♈ 7	29°44	26°56	24°21	T 2
W 3	20 47 40	11°38'31	23°40	25♋31	23°26	21°52	0♍ 2	29°17	11° 2	14° 7	14°20	28°55	29°41	27° 3	24°24	W 3
T 4	20 51 36	12°35'47	5♓42	25°40	24°34	22°34	0°14	29°20	11° 0	14° 7	14°22	28°44	29°37	27°10	24°28	T 4
F 5	20 55 33	13°33'04	17°49	25°56	25°41	23°16	0°27	29°24	10°58	14° 6	14°23	28°35	29°34	27°17	24°31	F 5
S 6	20 59 29	14°30'21	0♈ 4	26°17	26°49	23°58	0°40	29°28	10°56	14° 6	14°25	28°29	29°31	27°23	24°34	S 6
S 7	21 3 26	15°27'38	12°30	26°43	27°56	24°40	0°53	29°32	10°54	14° 5	14°27	28°26	29°28	27°30	24°38	S 7
M 8	21 7 22	16°24'56	25°10	27°16	29° 3	25°22	1° 6	29°35	10°52	14° 4	14°28	28°D25	29°25	27°37	24°41	M 8
T 9	21 11 19	17°22'15	8♉ 8	27°53	0♎ 9	26° 4	1°19	29°38	10°50	14° 4	14°30	28°26	29°22	27°43	24°44	T 9
W10	21 15 16	18°19'35	21°26	28°37	1°16	26°46	1°32	29°42	10°47	14° 3	14°32	28°R26	29°18	27°50	24°47	W10
T 11	21 19 12	19°16'55	5♊ 9	29°25	2°23	27°27	1°45	29°45	10°45	14° 2	14°33	28°25	29°15	27°57	24°50	T 11
F 12	21 23 9	20°14'17	19°16	0♌20	3°29	28° 9	1°58	29°48	10°43	14° 1	14°35	28°22	29°12	28° 4	24°53	F 12
S 13	21 27 5	21°11'39	3♋49	1°19	4°35	28°50	2°11	29°51	10°41	14° 0	14°37	28°17	29° 9	28°10	24°56	S 13
S 14	21 31 2	22° 9'02	18°42	2°24	5°41	29°32	2°24	29°54	10°39	14° 0	14°38	28° 9	29° 6	28°17	24°59	S 14
M15	21 34 58	23° 6'26	3♌49	3°35	6°47	0♋13	2°37	29°57	10°36	13°59	14°40	28° 0	29° 3	28°24	25° 2	M15
T 16	21 38 55	24° 3'50	19° 1	4°50	7°53	0°55	2°50	29°59	10°34	13°58	14°42	27°51	28°59	28°31	25° 5	T 16
W17	21 42 51	25° 1'16	4♍ 6	6°10	8°58	1°36	3° 4	0♊ 3	10°32	13°57	14°43	27°42	28°56	28°37	25° 8	W17
T 18	21 46 48	25°58'41	18°55	7°35	10° 3	2°17	3°17	0° 5	10°30	13°56	14°45	27°35	28°53	28°44	25°11	T 18
F 19	21 50 45	26°56'08	3♎20	9° 4	11° 9	2°58	3°30	0° 8	10°27	13°55	14°46	27°30	28°50	28°51	25°13	F 19
S 20	21 54 41	27°53'34	17°18	10°38	12°13	3°39	3°43	0°10	10°25	13°54	14°48	27°28	28°47	28°57	25°16	S 20
S 21	21 58 38	28°51'02	0♏47	12°16	13°18	4°20	3°56	0°12	10°23	13°53	14°50	27°D28	28°43	29° 4	25°19	S 21
M22	22 2 34	29°48'30	13°50	13°58	14°23	5° 0	4° 9	0°14	10°20	13°52	14°51	27°28	28°40	29°11	25°21	M22
T 23	22 6 31	0♐45'59	26°29	15°44	15°27	5°41	4°22	0°16	10°18	13°51	14°53	27°R29	28°37	29°18	25°24	T 23
W24	22 10 27	1°43'28	8♐50	17°33	16°31	6°22	4°36	0°18	10°16	13°50	14°54	27°29	28°34	29°24	25°26	W24
T 25	22 14 24	2°40'58	20°57	19°25	17°35	7° 2	4°49	0°20	10°13	13°49	14°56	27°27	28°31	29°31	25°29	T 25
F 26	22 18 20	3°38'29	2♑55	21°20	18°39	7°43	5° 2	0°22	10°11	13°47	14°58	27°23	28°28	29°38	25°31	F 26
S 27	22 22 17	4°36'00	14°49	23°17	19°42	8°23	5°15	0°24	10° 8	13°46	14°59	27°17	28°24	29°45	25°33	S 27
S 28	22 26 14	5°33'32	26°41	25°15	20°45	9° 3	5°28	0°25	10° 6	13°45	15° 1	27° 9	28°21	29°51	25°35	S 28
M29	22 30 10	6°31'05	8♒34	27°15	21°48	9°43	5°41	0°27	10° 4	13°44	15° 2	27° 0	28°18	29°58	25°38	M29
T 30	22 34 7	7°28'39	20°32	29°17	22°51	10°23	5°55	0°28	10° 1	13°43	15° 4	26°51	28°15	0♒ 5	25°40	T 30
W31	22 38 3	8♍26'14	2♓36	1♍19	23♎53	11♋ 3	6♍ 8	0♊30	9♓59	13♈41	15♌ 5	26♈42	28♈12	0♒11	25♊42	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n42	24s57	5s 0	16n32	4s28	4n30	1n 7	22n41	0s16	12n11	0n41	17n39	2s14	8s 7	0s49	4n24	1s15	18n46	2n26	11n10	11n20	25s42	17n58	5s12
T 2	17 27	21 51	4 53	16 41	4 18	4 1	1 4	22 45	0 15	12 7	0 41	17 40	2 14	8 7	0 49	4 23	1 15	18 46	2 26	11 6	11 18	25 41	17 58	5 13
W 3	17 11	17 50	4 33	16 51	4 7	3 31	1 1	22 48	0 14	12 2	0 41	17 41	2 15	8 8	0 49	4 23	1 15	18 45	2 26	11 1	11 17	25 39	17 58	5 13
T 4	16 55	13 6	4 1	17 1	3 56	3 1	0 57	22 51	0 14	11 58	0 41	17 41	2 15	8 9	0 49	4 23	1 15	18 45	2 26	10 57	11 16	25 38	17 57	5 13
F 5	16 39	7 49	3 17	17 10	3 43	2 32	0 54	22 54	0 13	11 53	0 41	17 42	2 15	8 10	0 49	4 23	1 15	18 45	2 26	10 54	11 15	25 37	17 57	5 14
S 6	16 23	2 11	2 24	17 19	3 30	2 2	0 51	22 57	0 12	11 49	0 41	17 42	2 15	8 10	0 49	4 22	1 15	18 44	2 26	10 52	11 14	25 36	17 57	5 14
S 7	16 6	3n38	1 23	17 28	3 16	1 32	0 47	23 0	0 11	11 44	0 41	17 43	2 15	8 11	0 49	4 22	1 15	18 44	2 26	10 51	11 13	25 34	17 57	5 14
M 8	15 49	9 25	0 17	17 36	3 2	1 2	0 43	23 2	0 10	11 40	0 41	17 44	2 16	8 12	0 49	4 22	1 15	18 43	2 26	10 51	11 12	25 33	17 57	5 15
T 9	15 32	14 56	0n51	17 43	2 48	0 33	0 40	23 4	0 9	11 35	0 42	17 44	2 16	8 13	0 49	4 22	1 15	18 43	2 26	10 51	11 11	25 32	17 56	5 15
W10	15 14	19 55	1 59	17 49	2 33	0 3	0 36	23 6	0 9	11 31	0 42	17 45	2 16	8 14	0 49	4 21	1 15	18 43	2 27	10 51	11 10	25 30	17 56	5 15
T 11	14 57	24 0	3 2	17 54	2 18	0s27	0 32	23 8	0 8	11 26	0 42	17 45	2 16	8 14	0 49	4 21	1 15	18 42	2 27	10 51	11 8	25 29	17 56	5 16
F 12	14 39	26 46	3 56	17 57	2 3	0 57	0 28	23 10	0 7	11 21	0 42	17 46	2 16	8 15	0 49	4 21	1 15	18 42	2 27	10 50	11 7	25 27	17 56	5 16
S 13	14 21	27 50	4 36	17 59	1 47	1 27	0 24	23 11	0 6	11 17	0 42	17 46	2 17	8 16	0 49	4 20	1 15	18 41	2 27	10 48	11 6	25 26	17 55	5 16
S 14	14 2	26 55	4 59	18 0	1 32	1 57	0 19	23 12	0 5	11 12	0 42	17 46	2 17	8 17	0 49	4 20	1 15	18 41	2 27	10 45	11 5	25 25	17 55	5 17
M15	13 44	24 3	5 1	17 59	1 17	2 27	0 15	23 13	0 4	11 8	0 42	17 47	2 17	8 18	0 49	4 19	1 15	18 40	2 27	10 42	11 4	25 23	17 55	5 17
T 16	13 25	19 30	4 43	17 56	1 2	2 56	0 11	23 14	0 3	11 3	0 42	17 47	2 17	8 19	0 49	4 19	1 15	18 40	2 27	10 39	11 3	25 22	17 55	5 17
W17	13 6	13 45	4 4	17 51	0 48	3 26	0 6	23 14	0 2	10 58	0 42	17 48	2 17	8 20	0 49	4 19	1 15	18 40	2 27	10 35	11 2	25 21	17 54	5 18
T 18	12 47	7 17	3 10	17 43	0 33	3 56	0 2	23 15	0 1	10 54	0 42	17 48	2 18	8 20	0 49	4 18	1 15	18 39	2 27	10 33	11 1	25 19	17 54	5 18
F 19	12 27	0 36	2 5	17 34	0 20	4 26	0s 3	23 15	0 1	10 49	0 42	17 48	2 18	8 21	0 49	4 18	1 15	18 39	2 27	10 31	10 59	25 18	17 54	5 19
S 20	12 8	5s55	0 54	17 22	0 6	4 55	0 8	23 15	0n 0	10 44	0 42	17 48	2 18	8 22	0 49	4 17	1 15	18 38	2 27	10 31	10 58	25 16	17 54	5 19
S 21	11 48	11 57	0s18	17 7	0n 7	5 25	0 12	23 14	0 1	10 40	0 42	17 49	2 18	8 23	0 49	4 17	1 15	18 38	2 27	10 30	10 57	25 15	17 53	5 19
M22	11 28	17 16	1 26	16 50	0 19	5 54	0 17	23 14	0 2	10 35	0 42	17 49	2 18	8 24	0 49	4 17	1 15	18 38	2 27	10 31	10 56	25 14	17 53	5 20
T 23	11 8	21 40	2 29	16 30	0 30	6 23	0 22	23 13	0 3	10 30	0 42	17 49	2 19	8 25	0 49	4 16	1 16	18 37	2 28	10 31	10 55	25 12	17 53	5 20
W24	10 48	24 58	3 23	16 8	0 41	6 52	0 27	23 12	0 4	10 25	0 42	17 49	2 19	8 26	0 49	4 16	1 16	18 37	2 28	10 31	10 54	25 11	17 52	5 20
T 25	10 27	27 5	4 6	15 43	0 51	7 21	0 32	23 11	0 5	10 21	0 42	17 50	2 19	8 27	0 49	4 15	1 16	18 36	2 28	10 30	10 53	25 9	17 52	5 21
F 26	10 7	27 54	4 39	15 15	1 0	7 50	0 37	23 10	0 6	10 16	0 42	17 50	2 19	8 28	0 49	4 15	1 16	18 36	2 28	10 29	10 52	25 8	17 52	5 21
S 27	9 46	27 25	4 59	14 46	1 9	8 19	0 43	23 8	0 7	10 11	0 42	17 50	2 20	8 28	0 49	4 14	1 16	18 36	2 28	10 27	10 50	25 6	17 51	5 22
S 28	9 25	25 41	5 6	14 13	1 16	8 48	0 48	23 7	0 8	10 6	0 43	17 50	2 20	8 29	0 49	4 14	1 16	18 35	2 28	10 24	10 49	25 5	17 51	5 22
M29	9 4	22 49	5 0	13 39	1 23	9 16	0 53	23 5	0 9	10 2	0 43	17 50	2 20	8 30	0 49	4 13	1 16	18 35	2 28	10 20	10 48	25 3	17 51	5 22
T 30	8 43	18 59	4 40	13 2	1 29	9 44	0 59	23 3	0 10	9 57	0 43	17 50	2 20	8 31	0 49	4 13	1 16	18 35	2 28	10 17	10 47	25 2	17 50	5 23
W31	8n21	14s21	4s 9	12n24	1n33	10s12	1s 4	23n 1	0n11	9n52	0n43	17n50	2s20	8s32	0s49	4n12	1s16	18n34	2n28	10n14	10n46	25s 0	17n50	5s23

Julian Day Number = 2881647.5, Delta T = 01h15m49s
Ecliptic obliquity = 23°17'21, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°13'54, Lahiri = 40°20'54

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ASTRODIENST EPHEMERIS for the year 3177
geocentric

SEPTEMBER 3177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 42 0	9♍23'50	14♓47	3♍22	24♎55	11♋43	6♍21	0♊31	9°R57	13°R40	15♑ 7	26°R34	28♈ 9	0♒18	25♊44	T 1
F 2	22 45 56	10°21'27	27° 7	5°24	25°57	12°23	6°34	0°32	9♓54	13♈39	15° 8	26♈29	28° 5	0°25	25°46	F 2
S 3	22 49 53	11°19'05	9♈35	7°27	26°59	13° 3	6°47	0°33	9°52	13°37	15°10	26°25	28° 2	0°32	25°48	S 3
S 4	22 53 49	12°16'44	22°15	9°29	28° 0	13°42	7° 0	0°34	9°49	13°36	15°11	26°D24	27°59	0°38	25°49	S 4
M 5	22 57 46	13°14'25	5♉ 7	11°31	29° 1	14°22	7°13	0°34	9°47	13°35	15°13	26°24	27°56	0°45	25°51	M 5
T 6	23 1 43	14°12'08	18°14	13°32	0♏ 1	15° 1	7°27	0°35	9°45	13°33	15°14	26°25	27°53	0°52	25°53	T 6
W 7	23 5 39	15° 9'52	1♊37	15°32	1° 2	15°40	7°40	0°36	9°42	13°32	15°16	26°27	27°49	0°58	25°55	W 7
T 8	23 9 36	16° 7'37	15°18	17°32	2° 2	16°19	7°53	0°36	9°40	13°31	15°17	26°R27	27°46	1° 5	25°56	T 8
F 9	23 13 32	17° 5'24	29°18	19°30	3° 1	16°59	8° 6	0°36	9°37	13°29	15°19	26°27	27°43	1°12	25°58	F 9
S 10	23 17 29	18° 3'13	13♋37	21°27	4° 1	17°38	8°19	0°37	9°35	13°28	15°20	26°24	27°40	1°19	25°59	S 10
S 11	23 21 25	19° 1'04	28°12	23°23	4°59	18°16	8°32	0°37	9°33	13°26	15°22	26°21	27°37	1°25	26° 1	S 11
M12	23 25 22	19°58'56	12♌58	25°17	5°58	18°55	8°45	0°R37	9°30	13°25	15°23	26°16	27°34	1°32	26° 2	M12
T 13	23 29 18	20°56'49	27°48	27°11	6°56	19°34	8°58	0°37	9°28	13°23	15°24	26°10	27°30	1°39	26° 3	T 13
W14	23 33 15	21°54'44	12♍35	29° 3	7°54	20°12	9°11	0°36	9°26	13°22	15°26	26° 6	27°27	1°46	26° 4	W14
T 15	23 37 12	22°52'41	27°11	0♎53	8°51	20°51	9°24	0°36	9°23	13°20	15°27	26° 2	27°24	1°52	26° 6	T 15
F 16	23 41 8	23°50'39	11♎28	2°43	9°48	21°29	9°37	0°36	9°21	13°19	15°28	26° 0	27°21	1°59	26° 7	F 16
S 17	23 45 5	24°48'38	25°23	4°31	10°45	22° 8	9°50	0°35	9°19	13°17	15°30	25°D59	27°18	2° 6	26° 8	S 17
S 18	23 49 1	25°46'38	8♏53	6°18	11°41	22°46	10° 3	0°35	9°16	13°16	15°31	25°59	27°14	2°12	26° 9	S 18
M19	23 52 58	26°44'41	21°59	8° 3	12°36	23°24	10°16	0°34	9°14	13°14	15°32	26° 1	27°11	2°19	26°10	M19
T 20	23 56 54	27°42'44	4♐42	9°48	13°31	24° 2	10°29	0°33	9°12	13°12	15°34	26° 2	27° 8	2°26	26°10	T 20
W21	0 0 51	28°40'49	17° 6	11°31	14°26	24°39	10°41	0°32	9°10	13°11	15°35	26° 4	27° 5	2°33	26°11	W21
T 22	0 4 47	29°38'55	29°15	13°12	15°20	25°17	10°54	0°31	9° 8	13° 9	15°36	26°R 4	27° 2	2°39	26°12	T 22
F 23	0 8 44	0♎37'02	11♑15	14°53	16°13	25°55	11° 7	0°30	9° 5	13° 8	15°37	26° 4	26°59	2°46	26°12	F 23
S 24	0 12 40	1°35'11	23° 9	16°32	17° 6	26°32	11°20	0°29	9° 3	13° 6	15°39	26° 2	26°55	2°53	26°13	S 24
S 25	0 16 37	2°33'21	5♒ 1	18°11	17°59	27° 9	11°33	0°27	9° 1	13° 4	15°40	25°59	26°52	2°59	26°13	S 25
M26	0 20 34	3°31'32	16°57	19°47	18°50	27°46	11°45	0°26	8°59	13° 3	15°41	25°56	26°49	3° 6	26°14	M26
T 27	0 24 30	4°29'45	28°59	21°23	19°41	28°24	11°58	0°24	8°57	13° 1	15°42	25°53	26°46	3°13	26°14	T 27
W28	0 28 27	5°28'00	11♓10	22°58	20°32	29° 0	12°10	0°23	8°55	13° 0	15°43	25°49	26°43	3°20	26°15	W28
T 29	0 32 23	6°26'16	23°32	24°31	21°21	29°37	12°23	0°21	8°53	12°58	15°45	25°46	26°40	3°26	26°15	T 29
F 30	0 36 20	7♎24'33	6♈ 6	26♎ 4	22♏10	0♌14	12♍35	0♊19	8♓51	12♈56	15♑46	25♈45	26♈36	3♒33	26♊15	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n 0	9s 7	3s25	11n44	1n37	10s40	1s10	22n58	0n12	9n47	0n43	17n50	2s21	8s33	0s49	4n12	1s16	18n34	2n28	10n11	10n45	24s59	17n50	5s24
F 2	7 38	3 28	2 31	11 2	1 40	11 8	1 15	22 56	0 13	9 43	0 43	17 50	2 21	8 34	0 49	4 11	1 16	18 34	2 28	10 9	10 44	24 57	17 49	5 24
S 3	7 17	2n24	1 30	10 19	1 43	11 36	1 21	22 53	0 14	9 38	0 43	17 50	2 21	8 35	0 49	4 11	1 16	18 33	2 28	10 8	10 43	24 56	17 49	5 25
S 4	6 55	8 16	0 22	9 34	1 44	12 3	1 27	22 50	0 15	9 33	0 43	17 50	2 21	8 36	0 49	4 10	1 16	18 33	2 29	10 7	10 41	24 54	17 49	5 25
M 5	6 33	13 53	0n47	8 49	1 45	12 30	1 33	22 47	0 16	9 28	0 43	17 50	2 22	8 37	0 49	4 9	1 16	18 32	2 29	10 8	10 40	24 53	17 48	5 25
T 6	6 11	19 0	1 56	8 3	1 45	12 57	1 38	22 43	0 17	9 24	0 43	17 50	2 22	8 37	0 49	4 9	1 16	18 32	2 29	10 8	10 39	24 51	17 48	5 26
W 7	5 49	23 17	2 59	7 16	1 44	13 23	1 44	22 40	0 18	9 19	0 43	17 50	2 22	8 38	0 49	4 8	1 16	18 32	2 29	10 8	10 38	24 50	17 48	5 26
T 8	5 26	26 22	3 54	6 29	1 43	13 50	1 50	22 36	0 19	9 14	0 43	17 50	2 22	8 39	0 49	4 8	1 16	18 31	2 29	10 9	10 37	24 48	17 47	5 27
F 9	5 4	27 54	4 36	5 41	1 41	14 16	1 56	22 33	0 20	9 9	0 43	17 50	2 22	8 40	0 49	4 7	1 16	18 31	2 29	10 8	10 36	24 47	17 47	5 27
S 10	4 42	27 37	5 3	4 53	1 38	14 42	2 2	22 29	0 21	9 4	0 43	17 49	2 23	8 41	0 49	4 7	1 16	18 31	2 29	10 8	10 35	24 45	17 46	5 28
S 11	4 19	25 27	5 10	4 4	1 35	15 7	2 8	22 24	0 22	9 0	0 44	17 49	2 23	8 42	0 49	4 6	1 16	18 30	2 29	10 6	10 34	24 43	17 46	5 28
M12	3 57	21 34	4 57	3 16	1 32	15 32	2 14	22 20	0 23	8 55	0 44	17 49	2 23	8 43	0 49	4 5	1 16	18 30	2 29	10 5	10 32	24 42	17 46	5 28
T 13	3 34	16 18	4 25	2 28	1 28	15 57	2 20	22 16	0 24	8 50	0 44	17 49	2 23	8 44	0 49	4 5	1 16	18 30	2 29	10 3	10 31	24 40	17 45	5 29
W14	3 11	10 6	3 34	1 39	1 23	16 22	2 27	22 11	0 25	8 45	0 44	17 49	2 23	8 45	0 49	4 4	1 16	18 29	2 30	10 1	10 30	24 39	17 45	5 29
T 15	2 49	3 25	2 31	0 51	1 19	16 46	2 33	22 6	0 26	8 40	0 44	17 48	2 24	8 45	0 49	4 4	1 16	18 29	2 30	10 0	10 29	24 37	17 44	5 30
F 16	2 26	3s18	1 18	0 3	1 13	17 11	2 39	22 2	0 27	8 36	0 44	17 48	2 24	8 46	0 49	4 3	1 16	18 29	2 30	9 59	10 28	24 35	17 44	5 30
S 17	2 3	9 43	0 3	0s45	1 8	17 34	2 45	21 56	0 28	8 31	0 44	17 48	2 24	8 47	0 49	4 2	1 16	18 29	2 30	9 58	10 27	24 34	17 44	5 31
S 18	1 40	15 29	1s10	1 32	1 2	17 58	2 52	21 51	0 29	8 26	0 44	17 47	2 24	8 48	0 49	4 2	1 16	18 28	2 30	9 59	10 26	24 32	17 43	5 31
M19	1 17	20 22	2 18	2 19	0 56	18 21	2 58	21 46	0 30	8 21	0 44	17 47	2 25	8 49	0 49	4 1	1 16	18 28	2 30	9 59	10 24	24 31	17 43	5 32
T 20	0 54	24 10	3 16	3 6	0 50	18 44	3 4	21 41	0 31	8 17	0 44	17 47	2 25	8 50	0 49	4 1	1 16	18 28	2 30	10 0	10 23	24 29	17 42	5 32
W21	0 31	26 43	4 4	3 52	0 43	19 6	3 10	21 35	0 32	8 12	0 44	17 46	2 25	8 50	0 49	4 0	1 16	18 27	2 30	10 0	10 22	24 27	17 42	5 32
T 22	0 8	27 57	4 40	4 37	0 36	19 28	3 17	21 29	0 33	8 7	0 45	17 46	2 25	8 51	0 49	3 59	1 16	18 27	2 30	10 0	10 21	24 26	17 41	5 33
F 23	0s15	27 51	5 3	5 23	0 29	19 50	3 23	21 23	0 34	8 2	0 45	17 45	2 25	8 52	0 49	3 59	1 16	18 27	2 31	10 0	10 20	24 24	17 41	5 33
S 24	0 38	26 28	5 13	6 7	0 22	20 11	3 29	21 17	0 35	7 58	0 45	17 45	2 26	8 53	0 49	3 58	1 16	18 27	2 31	10 0	10 19	24 22	17 40	5 34
S 25	1 1	23 54	5 10	6 51	0 15	20 32	3 36	21 11	0 36	7 53	0 45	17 45	2 26	8 54	0 49	3 57	1 16	18 26	2 31	9 59	10 18	24 21	17 40	5 34
M26	1 24	20 19	4 53	7 35	0 8	20 52	3 42	21 5	0 37	7 48	0 45	17 44	2 26	8 54	0 49	3 57	1 16	18 26	2 31	9 57	10 17	24 19	17 40	5 35
T 27	1 47	15 52	4 23	8 17	0 0	21 13	3 48	20 59	0 38	7 44	0 45	17 44	2 26	8 55	0 49	3 56	1 16	18 26	2 31	9 56	10 15	24 17	17 39	5 35
W28	2 10	10 44	3 41	8 59	0s 7	21 32	3 55	20 52	0 40	7 39	0 45	17 43	2 26	8 56	0 49	3 55	1 16	18 26	2 31	9 55	10 14	24 16	17 39	5 36
T 29	2 32	5 8	2 48	9 41	0 15	21 52	4 1	20 46	0 41	7 34	0 45	17 42	2 27	8 57	0 49	3 55	1 16	18 25	2 31	9 54	10 13	24 14	17 38	5 36
F 30	2s55	0n47	1s46	10s22	0s23	22s11	4s 7	20n39	0n42	7n30	0n45	17n42	2s27	8s57	0s49	3n54	1s16	18n25	2n31	9n53	10n12	24s12	17n38	5s36

Julian Day Number = 2881678.5, Delta T = 01h15m49s
Ecliptic obliquity = 23°17'22, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°13'58, Lahiri = 40°20'59

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ASTRODIENST EPHEMERIS for the year 3177
geocentric

OCTOBER 3177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 40 16	8♎22'53	18♈54	27♎35	22♏58	0♌51	12♍48	0°R17	8°R49	12°R55	15♌47	25°R44	26♈33	3♒40	26♊15	S 1
S 2	0 44 13	9°21'14	1♉54	29° 5	23°46	1°27	13° 0	0♊15	8♓47	12♈53	15°48	25°D44	26°30	3°47	26°R15	S 2
M 3	0 48 9	10°19'37	15° 7	0♏34	24°32	2° 3	13°13	0°13	8°45	12°51	15°49	25♈44	26°27	3°53	26°15	M 3
T 4	0 52 6	11°18'02	28°33	2° 2	25°18	2°39	13°25	0°11	8°43	12°50	15°50	25°45	26°24	4° 0	26°15	T 4
W 5	0 56 3	12°16'29	12♊11	3°29	26° 3	3°16	13°37	0° 8	8°41	12°48	15°51	25°46	26°20	4° 7	26°15	W 5
T 6	0 59 59	13°14'59	26° 2	4°54	26°47	3°51	13°50	0° 6	8°39	12°46	15°52	25°47	26°17	4°13	26°15	T 6
F 7	1 3 56	14°13'30	10♋ 3	6°18	27°30	4°27	14° 2	0° 3	8°37	12°45	15°53	25°R48	26°14	4°20	26°14	F 7
S 8	1 7 52	15°12'04	24°14	7°41	28°12	5° 3	14°14	0° 1	8°36	12°43	15°54	25°48	26°11	4°27	26°14	S 8
S 9	1 11 49	16°10'39	8♌33	9° 3	28°53	5°38	14°26	29♉58	8°34	12°41	15°55	25°47	26° 8	4°34	26°13	S 9
M10	1 15 45	17° 9'17	22°56	10°24	29°33	6°14	14°38	29°55	8°32	12°40	15°56	25°46	26° 5	4°40	26°13	M10
T 11	1 19 42	18° 7'57	7♍20	11°43	0♐12	6°49	14°50	29°52	8°30	12°38	15°57	25°45	26° 1	4°47	26°12	T 11
W12	1 23 38	19° 6'39	21°40	13° 1	0°50	7°24	15° 2	29°49	8°29	12°36	15°58	25°45	25°58	4°54	26°12	W12
T 13	1 27 35	20° 5'23	5♎51	14°18	1°27	7°59	15°14	29°46	8°27	12°35	15°58	25°44	25°55	5° 0	26°11	T 13
F 14	1 31 32	21° 4'09	19°48	15°33	2° 2	8°34	15°26	29°43	8°26	12°33	15°59	25°D44	25°52	5° 7	26°10	F 14
S 15	1 35 28	22° 2'57	3♏29	16°46	2°36	9° 8	15°38	29°40	8°24	12°31	16° 0	25°44	25°49	5°14	26° 9	S 15
S 16	1 39 25	23° 1'46	16°51	17°58	3° 9	9°43	15°49	29°37	8°23	12°30	16° 1	25°44	25°46	5°21	26° 8	S 16
M17	1 43 21	24° 0'38	29°53	19° 8	3°41	10°17	16° 1	29°33	8°21	12°28	16° 2	25°44	25°42	5°27	26° 7	M17
T 18	1 47 18	24°59'31	12♐36	20°17	4°11	10°51	16°13	29°30	8°20	12°27	16° 2	25°44	25°39	5°34	26° 6	T 18
W19	1 51 14	25°58'27	25° 1	21°23	4°39	11°25	16°24	29°26	8°18	12°25	16° 3	25°R44	25°36	5°41	26° 5	W19
T 20	1 55 11	26°57'24	7♑12	22°27	5° 6	11°59	16°36	29°23	8°17	12°23	16° 4	25°44	25°33	5°48	26° 4	T 20
F 21	1 59 7	27°56'22	19°12	23°29	5°31	12°33	16°47	29°19	8°16	12°22	16° 4	25°44	25°30	5°54	26° 3	F 21
S 22	2 3 4	28°55'22	1♒ 7	24°28	5°55	13° 6	16°58	29°15	8°14	12°20	16° 5	25°D44	25°26	6° 1	26° 2	S 22
S 23	2 7 1	29°54'24	13° 0	25°25	6°17	13°39	17° 9	29°12	8°13	12°19	16° 6	25°44	25°23	6° 8	26° 0	S 23
M24	2 10 57	0♏53'28	24°56	26°18	6°37	14°12	17°21	29° 8	8°12	12°17	16° 6	25°45	25°20	6°14	25°59	M24
T 25	2 14 54	1°52'33	7♓ 0	27° 9	6°55	14°45	17°32	29° 4	8°11	12°16	16° 7	25°45	25°17	6°21	25°57	T 25
W26	2 18 50	2°51'40	19°15	27°55	7°11	15°18	17°43	29° 0	8°10	12°14	16° 8	25°46	25°14	6°28	25°56	W26
T 27	2 22 47	3°50'49	1♈45	28°39	7°26	15°51	17°54	28°56	8° 9	12°12	16° 8	25°47	25°11	6°35	25°54	T 27
F 28	2 26 43	4°49'59	14°32	29°17	7°38	16°23	18° 4	28°51	8° 8	12°11	16° 9	25°47	25° 7	6°41	25°52	F 28
S 29	2 30 40	5°49'12	27°37	29°52	7°48	16°55	18°15	28°47	8° 7	12° 9	16° 9	25°R47	25° 4	6°48	25°51	S 29
S 30	2 34 36	6°48'26	11♉ 0	0♐21	7°56	17°27	18°26	28°43	8° 6	12° 8	16° 9	25°47	25° 1	6°55	25°49	S 30
M31	2 38 33	7♏47'43	24♉40	0♐45	8♐ 1	17♌59	18♍36	28♉39	8♓ 5	12♈ 7	16♌10	25♈46	24♈58	7♒ 1	25♊47	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s18	6n46	0s38	11s 2	0s31	22s29	4s13	20n33	0n43	7n25	0n46	17n41	2s27	8s58	0s49	3n54	1s16	18n25	2n31	9n53	10n11	24s10	17n37	5s37
S 2	3 41	12 35	0n34	11 41	0 38	22 47	4 20	20 26	0 44	7 20	0 46	17 41	2 27	8 59	0 49	3 53	1 16	18 25	2 32	9 53	10 10	24 9	17 37	5 37
M 3	4 4	17 57	1 45	12 19	0 46	23 5	4 26	20 19	0 45	7 16	0 46	17 40	2 27	9 0	0 49	3 52	1 17	18 25	2 32	9 53	10 9	24 7	17 36	5 38
T 4	4 27	22 30	2 52	12 57	0 54	23 22	4 32	20 12	0 46	7 11	0 46	17 39	2 27	9 0	0 49	3 52	1 17	18 24	2 32	9 54	10 7	24 5	17 36	5 38
W 5	4 49	25 54	3 49	13 34	1 2	23 39	4 38	20 5	0 47	7 6	0 46	17 39	2 28	9 1	0 49	3 51	1 17	18 24	2 32	9 54	10 6	24 4	17 36	5 39
T 6	5 12	27 48	4 35	14 10	1 10	23 55	4 44	19 57	0 49	7 2	0 46	17 38	2 28	9 2	0 49	3 50	1 17	18 24	2 32	9 54	10 5	24 2	17 35	5 39
F 7	5 35	27 58	5 4	14 46	1 18	24 11	4 50	19 50	0 50	6 57	0 46	17 37	2 28	9 2	0 49	3 50	1 17	18 24	2 32	9 54	10 4	24 0	17 35	5 40
S 8	5 57	26 19	5 16	15 20	1 25	24 26	4 56	19 43	0 51	6 53	0 46	17 37	2 28	9 3	0 49	3 49	1 17	18 24	2 32	9 54	10 3	23 58	17 34	5 40
S 9	6 19	22 58	5 8	15 54	1 33	24 41	5 2	19 35	0 52	6 48	0 46	17 36	2 28	9 3	0 48	3 48	1 17	18 23	2 32	9 54	10 2	23 57	17 34	5 41
M10	6 42	18 13	4 42	16 26	1 40	24 56	5 7	19 28	0 53	6 44	0 47	17 35	2 28	9 4	0 48	3 48	1 17	18 23	2 33	9 54	10 1	23 55	17 33	5 41
T 11	7 4	12 26	3 57	16 58	1 48	25 10	5 13	19 20	0 54	6 39	0 47	17 35	2 29	9 5	0 48	3 47	1 17	18 23	2 33	9 54	9 59	23 53	17 33	5 41
W12	7 26	6 1	2 58	17 29	1 55	25 23	5 18	19 12	0 56	6 35	0 47	17 34	2 29	9 5	0 48	3 46	1 17	18 23	2 33	9 53	9 58	23 51	17 32	5 42
T 13	7 48	0s39	1 48	17 59	2 2	25 36	5 24	19 4	0 57	6 30	0 47	17 33	2 29	9 6	0 48	3 46	1 17	18 23	2 33	9 53	9 57	23 49	17 32	5 42
F 14	8 10	7 12	0 33	18 28	2 9	25 49	5 29	18 57	0 58	6 26	0 47	17 32	2 29	9 6	0 48	3 45	1 17	18 23	2 33	9 53	9 56	23 48	17 31	5 43
S 15	8 32	13 16	0s43	18 55	2 16	26 1	5 34	18 49	0 59	6 22	0 47	17 31	2 29	9 7	0 48	3 45	1 17	18 23	2 33	9 53	9 55	23 46	17 31	5 43
S 16	8 54	18 36	1 54	19 22	2 23	26 12	5 39	18 41	1 0	6 17	0 47	17 31	2 29	9 7	0 48	3 44	1 17	18 23	2 33	9 53	9 54	23 44	17 30	5 44
M17	9 15	22 54	2 58	19 48	2 30	26 23	5 44	18 33	1 2	6 13	0 48	17 30	2 29	9 8	0 48	3 43	1 17	18 22	2 33	9 53	9 52	23 42	17 30	5 44
T 18	9 37	25 59	3 51	20 12	2 36	26 33	5 49	18 25	1 3	6 8	0 48	17 29	2 30	9 9	0 48	3 43	1 17	18 22	2 34	9 53	9 51	23 40	17 30	5 45
W19	9 58	27 44	4 33	20 36	2 42	26 43	5 53	18 16	1 4	6 4	0 48	17 28	2 30	9 9	0 48	3 42	1 17	18 22	2 34	9 53	9 50	23 39	17 29	5 45
T 20	10 19	28 6	5 0	20 58	2 48	26 53	5 58	18 8	1 5	6 0	0 48	17 27	2 30	9 9	0 48	3 41	1 17	18 22	2 34	9 53	9 49	23 37	17 29	5 45
F 21	10 41	27 7	5 15	21 19	2 53	27 1	6 2	18 0	1 7	5 56	0 48	17 26	2 30	9 10	0 48	3 41	1 17	18 22	2 34	9 53	9 48	23 35	17 28	5 46
S 22	11 1	24 55	5 15	21 39	2 58	27 9	6 6	17 52	1 8	5 51	0 48	17 25	2 30	9 10	0 48	3 40	1 17	18 22	2 34	9 53	9 47	23 33	17 28	5 46
S 23	11 22	21 39	5 3	21 57	3 3	27 17	6 9	17 44	1 9	5 47	0 48	17 24	2 30	9 11	0 48	3 40	1 17	18 22	2 34	9 53	9 46	23 31	17 27	5 47
M24	11 43	17 28	4 37	22 14	3 7	27 24	6 13	17 35	1 11	5 43	0 49	17 24	2 30	9 11	0 48	3 39	1 17	18 22	2 34	9 53	9 44	23 29	17 27	5 47
T 25	12 3	12 35	3 58	22 29	3 11	27 30	6 16	17 27	1 12	5 39	0 49	17 23	2 30	9 12	0 48	3 38	1 17	18 22	2 34	9 53	9 43	23 27	17 26	5 47
W26	12 23	7 7	3 9	22 43	3 14	27 36	6 18	17 19	1 13	5 35	0 49	17 22	2 30	9 12	0 48	3 38	1 16	18 22	2 35	9 54	9 42	23 26	17 26	5 48
T 27	12 43	1 17	2 9	22 55	3 16	27 40	6 21	17 10	1 14	5 31	0 49	17 21	2 30	9 12	0 48	3 37	1 16	18 22	2 35	9 54	9 41	23 24	17 25	5 48
F 28	13 3	4n45	1 2	23 6	3 18	27 45	6 23	17 2	1 16	5 26	0 49	17 20	2 31	9 13	0 48	3 37	1 16	18 22	2 35	9 54	9 40	23 22	17 25	5 49
S 29	13 23	10 43	0n10	23 15	3 19	27 48	6 25	16 54	1 17	5 22	0 49	17 19	2 31	9 13	0 48	3 36	1 16	18 22	2 35	9 54	9 39	23 20	17 25	5 49
S 30	13 42	16 21	1 23	23 21	3 20	27 51	6 26	16 45	1 18	5 18	0 49	17 18	2 31	9 13	0 48	3 36	1 16	18 22	2 35	9 54	9 38	23 18	17 24	5 49
M31	14s 1	21n17	2n33	23s26	3s19	27s53	6s27	16n37	1n20	5n14	0n50	17n17	2s31	9s14	0s48	3n35	1s16	18n22	2n35	9n54	9n36	23s16	17n24	5s50

Julian Day Number = 2881708.5, Delta T = 01h15m50s
Ecliptic obliquity = 23°17'22, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°14'02, Lahiri = 40°21'03

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ASTRODIENST EPHEMERIS for the year 3177
geocentric

NOVEMBER 3177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 42 30	8♏47'01	8♊33	1♐ 3	8♐ 5	18♌31	18♍47	28°R34	8°R 4	12°R 5	16♌10	25°R45	24♈55	7♒ 8	25°R45	T 1
W 2	2 46 26	9°46'22	22°37	1°14	8°R 6	19° 2	18°57	28♉30	8♓ 4	12♈ 4	16°11	25♈43	24°52	7°15	25♊43	W 2
T 3	2 50 23	10°45'45	6♋48	1°R19	8° 4	19°33	19° 8	28°26	8° 3	12° 2	16°11	25°41	24°48	7°22	25°41	T 3
F 4	2 54 19	11°45'10	21° 3	1°15	8° 1	20° 4	19°18	28°21	8° 2	12° 1	16°11	25°40	24°45	7°28	25°39	F 4
S 5	2 58 16	12°44'38	5♌18	1° 4	7°55	20°35	19°28	28°17	8° 2	12° 0	16°12	25°39	24°42	7°35	25°37	S 5
S 6	3 2 12	13°44'07	19°30	0°45	7°46	21° 6	19°38	28°12	8° 1	11°58	16°12	25°D39	24°39	7°42	25°35	S 6
M 7	3 6 9	14°43'39	3♍37	0°17	7°35	21°36	19°48	28° 7	8° 0	11°57	16°12	25°39	24°36	7°48	25°33	M 7
T 8	3 10 5	15°43'13	17°38	29♏40	7°22	22° 6	19°58	28° 3	8° 0	11°55	16°12	25°41	24°32	7°55	25°30	T 8
W 9	3 14 2	16°42'49	1♎30	28°55	7° 6	22°36	20° 8	27°58	8° 0	11°54	16°13	25°42	24°29	8° 2	25°28	W 9
T 10	3 17 59	17°42'28	15°13	28° 1	6°48	23° 6	20°17	27°53	7°59	11°53	16°13	25°43	24°26	8° 9	25°26	T 10
F 11	3 21 55	18°42'08	28°44	27° 0	6°28	23°35	20°27	27°49	7°59	11°52	16°13	25°R43	24°23	8°15	25°23	F 11
S 12	3 25 52	19°41'51	12♏ 3	25°53	6° 6	24° 4	20°36	27°44	7°59	11°50	16°13	25°42	24°20	8°22	25°21	S 12
S 13	3 29 48	20°41'36	25° 8	24°40	5°41	24°33	20°46	27°39	7°58	11°49	16°13	25°40	24°17	8°29	25°18	S 13
M14	3 33 45	21°41'22	7♐58	23°25	5°15	25° 2	20°55	27°35	7°58	11°48	16°13	25°37	24°13	8°36	25°16	M14
T 15	3 37 41	22°41'10	20°34	22° 8	4°46	25°30	21° 4	27°30	7°58	11°47	16°13	25°32	24°10	8°42	25°13	T 15
W16	3 41 38	23°41'01	2♑56	20°53	4°16	25°58	21°13	27°25	7°58	11°46	16°13	25°28	24° 7	8°49	25°10	W16
T 17	3 45 34	24°40'52	15° 5	19°42	3°45	26°26	21°22	27°20	7°D58	11°45	16°R13	25°23	24° 4	8°56	25° 8	T 17
F 18	3 49 31	25°40'46	27° 5	18°37	3°11	26°54	21°31	27°15	7°58	11°44	16°13	25°19	24° 1	9° 2	25° 5	F 18
S 19	3 53 28	26°40'41	8♒58	17°39	2°37	27°21	21°39	27°11	7°58	11°42	16°13	25°16	23°58	9° 9	25° 2	S 19
S 20	3 57 24	27°40'38	20°50	16°51	2° 2	27°48	21°48	27° 6	7°58	11°41	16°13	25°14	23°54	9°16	24°59	S 20
M21	4 1 21	28°40'36	2♓44	16°14	1°26	28°15	21°56	27° 1	7°58	11°40	16°13	25°D14	23°51	9°23	24°56	M21
T 22	4 5 17	29°40'36	14°46	15°48	0°50	28°41	22° 5	26°56	7°59	11°39	16°13	25°15	23°48	9°29	24°54	T 22
W23	4 9 14	0♐40'37	27° 1	15°34	0°13	29° 7	22°13	26°51	7°59	11°38	16°13	25°17	23°45	9°36	24°51	W23
T 24	4 13 10	1°40'40	9♈33	15°D31	29♏36	29°33	22°21	26°46	7°59	11°38	16°13	25°18	23°42	9°43	24°48	T 24
F 25	4 17 7	2°40'44	22°25	15°39	29° 0	29°59	22°29	26°42	8° 0	11°37	16°12	25°R19	23°38	9°49	24°45	F 25
S 26	4 21 3	3°40'50	5♉41	15°58	28°24	0♍24	22°36	26°37	8° 0	11°36	16°12	25°19	23°35	9°56	24°42	S 26
S 27	4 25 0	4°40'58	19°21	16°27	27°49	0°49	22°44	26°32	8° 1	11°35	16°12	25°16	23°32	10° 3	24°39	S 27
M28	4 28 57	5°41'07	3♊24	17° 4	27°15	1°13	22°52	26°27	8° 1	11°34	16°12	25°12	23°29	10°10	24°35	M28
T 29	4 32 53	6°41'18	17°45	17°49	26°42	1°38	22°59	26°23	8° 2	11°33	16°11	25° 6	23°26	10°16	24°32	T 29
W30	4 36 50	7♐41'31	2♋19	18♏42	26♏11	2♍ 2	23♍ 6	26♉18	8♓ 2	11♈33	16♌11	25♈ 0	23♈23	10♒23	24♊29	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s20	25n 8	3n35	23s28	3s18	27s54	6s28	16n28	1n21	5n11	0n50	17n16	2s31	9s14	0s48	3n34	1s16	18n22	2n35	9n53	9n35	23s14	17n23	5s50
W 2	14 39	27 29	4 25	23 28	3 15	27 54	6 28	16 20	1 23	5 7	0 50	17 15	2 31	9 14	0 48	3 34	1 16	18 22	2 35	9 53	9 34	23 12	17 23	5 51
T 3	14 58	28 5	4 59	23 25	3 12	27 53	6 27	16 11	1 24	5 3	0 50	17 14	2 31	9 14	0 48	3 33	1 16	18 22	2 36	9 52	9 33	23 10	17 22	5 51
F 4	15 16	26 50	5 14	23 20	3 7	27 52	6 26	16 3	1 25	4 59	0 50	17 13	2 31	9 14	0 48	3 33	1 16	18 22	2 36	9 51	9 32	23 8	17 22	5 51
S 5	15 34	23 51	5 11	23 11	3 0	27 49	6 25	15 55	1 27	4 55	0 50	17 12	2 31	9 15	0 48	3 32	1 16	18 22	2 36	9 51	9 31	23 6	17 21	5 52
S 6	15 52	19 27	4 49	22 59	2 52	27 46	6 23	15 46	1 28	4 51	0 51	17 11	2 31	9 15	0 48	3 32	1 16	18 22	2 36	9 51	9 29	23 4	17 21	5 52
M 7	16 9	13 59	4 9	22 44	2 43	27 41	6 20	15 38	1 30	4 48	0 51	17 10	2 31	9 15	0 48	3 31	1 16	18 22	2 36	9 51	9 28	23 2	17 21	5 52
T 8	16 27	7 51	3 15	22 25	2 31	27 36	6 17	15 29	1 31	4 44	0 51	17 9	2 31	9 15	0 48	3 31	1 16	18 22	2 36	9 52	9 27	23 1	17 20	5 53
W 9	16 44	1 23	2 9	22 2	2 18	27 29	6 13	15 21	1 32	4 40	0 51	17 8	2 31	9 15	0 47	3 30	1 16	18 22	2 36	9 52	9 26	22 59	17 20	5 53
T 10	17 0	5s 4	0 58	21 36	2 4	27 21	6 8	15 13	1 34	4 37	0 51	17 7	2 31	9 15	0 47	3 30	1 16	18 22	2 37	9 53	9 25	22 57	17 19	5 53
F 11	17 17	11 13	0s17	21 6	1 47	27 13	6 3	15 4	1 35	4 33	0 52	17 6	2 31	9 15	0 47	3 29	1 16	18 22	2 37	9 53	9 24	22 55	17 19	5 54
S 12	17 33	16 46	1 29	20 33	1 29	27 3	5 57	14 56	1 37	4 30	0 52	17 4	2 31	9 16	0 47	3 29	1 16	18 22	2 37	9 53	9 22	22 53	17 19	5 54
S 13	17 49	21 26	2 34	19 57	1 10	26 52	5 50	14 48	1 38	4 26	0 52	17 3	2 31	9 16	0 47	3 28	1 16	18 22	2 37	9 52	9 21	22 51	17 18	5 54
M14	18 4	24 58	3 31	19 19	0 50	26 40	5 43	14 40	1 40	4 23	0 52	17 2	2 31	9 16	0 47	3 28	1 16	18 22	2 37	9 50	9 20	22 49	17 18	5 55
T 15	18 20	27 13	4 16	18 40	0 30	26 26	5 35	14 32	1 41	4 19	0 52	17 1	2 31	9 16	0 47	3 28	1 16	18 23	2 37	9 49	9 19	22 47	17 17	5 55
W16	18 35	28 4	4 49	18 1	0 9	26 12	5 26	14 24	1 43	4 16	0 52	17 0	2 31	9 16	0 47	3 27	1 16	18 23	2 37	9 47	9 18	22 45	17 17	5 55
T 17	18 49	27 32	5 7	17 22	0n11	25 56	5 16	14 16	1 44	4 13	0 53	16 59	2 31	9 16	0 47	3 27	1 16	18 23	2 37	9 45	9 17	22 43	17 17	5 56
F 18	19 4	25 43	5 12	16 46	0 31	25 40	5 6	14 8	1 46	4 9	0 53	16 58	2 31	9 16	0 47	3 26	1 16	18 23	2 38	9 44	9 15	22 41	17 16	5 56
S 19	19 17	22 47	5 3	16 12	0 49	25 22	4 55	14 0	1 48	4 6	0 53	16 57	2 31	9 15	0 47	3 26	1 16	18 23	2 38	9 43	9 14	22 39	17 16	5 56
S 20	19 31	18 55	4 42	15 42	1 6	25 3	4 43	13 52	1 49	4 3	0 53	16 56	2 31	9 15	0 47	3 26	1 16	18 23	2 38	9 42	9 13	22 36	17 15	5 57
M21	19 44	14 17	4 8	15 17	1 22	24 44	4 31	13 44	1 51	4 0	0 53	16 55	2 31	9 15	0 47	3 25	1 16	18 23	2 38	9 42	9 12	22 34	17 15	5 57
T 22	19 57	9 5	3 23	14 57	1 35	24 24	4 18	13 37	1 52	3 57	0 54	16 54	2 31	9 15	0 47	3 25	1 16	18 24	2 38	9 43	9 11	22 32	17 15	5 57
W23	20 10	3 27	2 28	14 41	1 47	24 3	4 4	13 29	1 54	3 54	0 54	16 53	2 31	9 15	0 47	3 25	1 16	18 24	2 38	9 43	9 10	22 30	17 14	5 57
T 24	20 22	2n27	1 25	14 31	1 57	23 42	3 51	13 22	1 56	3 51	0 54	16 52	2 31	9 15	0 47	3 24	1 16	18 24	2 38	9 44	9 9	22 28	17 14	5 58
F 25	20 34	8 26	0 16	14 26	2 5	23 20	3 36	13 14	1 57	3 48	0 54	16 51	2 31	9 15	0 47	3 24	1 16	18 24	2 39	9 44	9 7	22 26	17 14	5 58
S 26	20 45	14 13	0n56	14 26	2 11	22 57	3 22	13 7	1 59	3 45	0 54	16 50	2 31	9 14	0 47	3 24	1 16	18 24	2 39	9 44	9 6	22 24	17 13	5 58
S 27	20 56	19 29	2 7	14 29	2 15	22 35	3 7	13 0	2 1	3 42	0 55	16 49	2 31	9 14	0 47	3 23	1 16	18 24	2 39	9 43	9 5	22 22	17 13	5 58
M28	21 7	23 50	3 12	14 37	2 18	22 12	2 52	12 53	2 2	3 40	0 55	16 48	2 30	9 14	0 47	3 23	1 16	18 25	2 39	9 42	9 4	22 20	17 12	5 59
T 29	21 17	26 48	4 6	14 48	2 20	21 50	2 36	12 46	2 4	3 37	0 55	16 47	2 30	9 14	0 47	3 23	1 16	18 25	2 39	9 39	9 3	22 18	17 12	5 59
W30	21s27	28n 1	4n45	15s 2	2n20	21s27	2s21	12n39	2n 6	3n34	0n55	16n46	2s30	9s13	0s47	3n22	1s16	18n25	2n39	9n37	9n 2	22s16	17n12	5s59

Julian Day Number = 2881739.5, Delta T = 01h15m51s
Ecliptic obliquity = 23°17'21, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°14'07, Lahiri = 40°21'07

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ASTRODIENST EPHEMERIS for the year 3177
geocentric

DECEMBER 3177 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 40 46	8♐41'45	16♋59	19♏41	25°R41	2♍25	23♍13	26°R13	8♓ 3	11°R32	16°R11	24°R53	23♈19	10♒30	24°R26	T 1
F 2	4 44 43	9°42'02	1♌37	20°45	25♏13	2°48	23°20	26♉ 9	8° 4	11♈31	16♌10	24♈47	23°16	10°36	24♊23	F 2
S 3	4 48 39	10°42'20	16° 8	21°54	24°47	3°11	23°27	26° 4	8° 5	11°30	16°10	24°42	23°13	10°43	24°20	S 3
S 4	4 52 36	11°42'40	0♍26	23° 7	24°23	3°33	23°34	26° 0	8° 5	11°30	16°10	24°40	23°10	10°50	24°16	S 4
M 5	4 56 32	12°43'02	14°30	24°23	24° 1	3°56	23°40	25°55	8° 6	11°29	16° 9	24°D39	23° 7	10°57	24°13	M 5
T 6	5 0 29	13°43'26	28°19	25°42	23°42	4°17	23°47	25°51	8° 7	11°29	16° 9	24°40	23° 4	11° 3	24°10	T 6
W 7	5 4 26	14°43'52	11♎52	27° 4	23°25	4°38	23°53	25°46	8° 8	11°28	16° 8	24°41	23° 0	11°10	24° 6	W 7
T 8	5 8 22	15°44'20	25°12	28°28	23°10	4°59	23°59	25°42	8° 9	11°28	16° 8	24°R42	22°57	11°17	24° 3	T 8
F 9	5 12 19	16°44'49	8♏19	29°54	22°58	5°20	24° 5	25°37	8°10	11°27	16° 7	24°41	22°54	11°23	24° 0	F 9
S 10	5 16 15	17°45'20	21°15	1♐21	22°48	5°40	24°11	25°33	8°12	11°27	16° 6	24°38	22°51	11°30	23°57	S 10
S 11	5 20 12	18°45'53	4♐ 0	2°50	22°41	5°59	24°16	25°29	8°13	11°26	16° 6	24°32	22°48	11°37	23°53	S 11
M12	5 24 8	19°46'27	16°33	4°19	22°36	6°18	24°22	25°25	8°14	11°26	16° 5	24°23	22°44	11°44	23°50	M12
T 13	5 28 5	20°47'02	28°57	5°49	22°D34	6°37	24°27	25°21	8°15	11°26	16° 5	24°13	22°41	11°50	23°46	T 13
W14	5 32 2	21°47'39	11♑11	7°20	22°34	6°55	24°32	25°17	8°17	11°25	16° 4	24° 2	22°38	11°57	23°43	W14
T 15	5 35 58	22°48'18	23°15	8°52	22°37	7°13	24°37	25°13	8°18	11°25	16° 3	23°50	22°35	12° 4	23°40	T 15
F 16	5 39 55	23°48'57	5♒12	10°24	22°42	7°30	24°42	25° 9	8°20	11°25	16° 3	23°39	22°32	12°10	23°36	F 16
S 17	5 43 51	24°49'38	17° 4	11°56	22°49	7°47	24°46	25° 5	8°21	11°24	16° 2	23°31	22°29	12°17	23°33	S 17
S 18	5 47 48	25°50'19	28°53	13°29	22°58	8° 3	24°51	25° 1	8°23	11°24	16° 1	23°24	22°25	12°24	23°30	S 18
M19	5 51 44	26°51'02	10♓45	15° 2	23°10	8°19	24°55	24°57	8°24	11°24	16° 0	23°21	22°22	12°31	23°26	M19
T 20	5 55 41	27°51'45	22°43	16°35	23°24	8°34	24°59	24°54	8°26	11°24	15°59	23°D19	22°19	12°37	23°23	T 20
W21	5 59 37	28°52'29	4♈53	18° 8	23°40	8°48	25° 3	24°50	8°27	11°24	15°59	23°19	22°16	12°44	23°20	W21
T 22	6 3 34	29°53'15	17°21	19°41	23°58	9° 3	25° 7	24°47	8°29	11°24	15°58	23°R20	22°13	12°51	23°16	T 22
F 23	6 7 31	0♉54'01	0♉10	21°14	24°18	9°16	25°10	24°43	8°31	11°D24	15°57	23°20	22°10	12°57	23°13	F 23
S 24	6 11 27	1°54'48	13°26	22°47	24°40	9°29	25°14	24°40	8°33	11°24	15°56	23°18	22° 6	13° 4	23°10	S 24
S 25	6 15 24	2°55'36	27°11	24°21	25° 3	9°41	25°17	24°37	8°35	11°24	15°55	23°14	22° 3	13°11	23° 6	S 25
M26	6 19 20	3°56'25	11♊24	25°54	25°29	9°53	25°20	24°33	8°36	11°24	15°54	23° 7	22° 0	13°18	23° 3	M26
T 27	6 23 17	4°57'14	26° 3	27°28	25°56	10° 4	25°23	24°30	8°38	11°24	15°53	22°57	21°57	13°24	23° 0	T 27
W28	6 27 13	5°58'05	10♋59	29° 1	26°25	10°15	25°26	24°27	8°40	11°24	15°52	22°47	21°54	13°31	22°56	W28
T 29	6 31 10	6°58'57	26° 5	0♉35	26°55	10°25	25°28	24°24	8°42	11°25	15°51	22°35	21°50	13°38	22°53	T 29
F 30	6 35 6	7°59'49	11♌10	2° 9	27°28	10°34	25°30	24°22	8°44	11°25	15°50	22°25	21°47	13°44	22°50	F 30
S 31	6 39 3	9♉ 0'43	26♌ 4	3♉42	28♏ 1	10♍43	25♍32	24♉19	8♓47	11♈25	15♌49	22♈17	21♈44	13♒51	22♊47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s37	27n16	5n 5	15s18	2n19	21s 5	2s 5	12n32	2n 7	3n32	0n56	16n45	2s30	9s13	0s47	3n22	1s16	18n25	2n39	9n35	9n 0	22s14	17n11	5s59
F 2	21 46	24 39	5 6	15 37	2 17	20 44	1 50	12 25	2 9	3 29	0 56	16 44	2 30	9 13	0 47	3 22	1 16	18 26	2 39	9 32	8 59	22 12	17 11	5 59
S 3	21 55	20 28	4 47	15 57	2 15	20 22	1 35	12 19	2 11	3 27	0 56	16 43	2 30	9 13	0 47	3 22	1 16	18 26	2 40	9 31	8 58	22 9	17 11	6 0
S 4	22 3	15 9	4 10	16 19	2 11	20 2	1 19	12 12	2 13	3 24	0 56	16 42	2 30	9 12	0 47	3 21	1 16	18 26	2 40	9 30	8 57	22 7	17 11	6 0
M 5	22 11	9 8	3 19	16 41	2 7	19 42	1 4	12 6	2 15	3 22	0 56	16 41	2 30	9 12	0 46	3 21	1 16	18 26	2 40	9 30	8 56	22 5	17 10	6 0
T 6	22 18	2 46	2 17	17 5	2 3	19 23	0 50	12 0	2 16	3 19	0 57	16 40	2 29	9 11	0 46	3 21	1 16	18 27	2 40	9 30	8 55	22 3	17 10	6 0
W 7	22 25	3s37	1 8	17 29	1 57	19 4	0 35	11 54	2 18	3 17	0 57	16 40	2 29	9 11	0 46	3 21	1 16	18 27	2 40	9 30	8 53	22 1	17 10	6 0
T 8	22 32	9 44	0s 3	17 53	1 52	18 47	0 21	11 48	2 20	3 15	0 57	16 39	2 29	9 11	0 46	3 21	1 16	18 27	2 40	9 30	8 52	21 59	17 9	6 0
F 9	22 38	15 20	1 13	18 17	1 46	18 31	0 7	11 42	2 22	3 13	0 57	16 38	2 29	9 10	0 46	3 21	1 15	18 27	2 40	9 30	8 51	21 57	17 9	6 1
S 10	22 44	20 10	2 17	18 41	1 39	18 15	0n 7	11 37	2 24	3 11	0 58	16 37	2 29	9 10	0 46	3 20	1 15	18 28	2 41	9 29	8 50	21 54	17 9	6 1
S 11	22 49	24 0	3 14	19 4	1 33	18 0	0 20	11 31	2 26	3 9	0 58	16 36	2 29	9 9	0 46	3 20	1 15	18 28	2 41	9 27	8 49	21 52	17 9	6 1
M12	22 54	26 36	4 1	19 28	1 26	17 47	0 33	11 26	2 28	3 7	0 58	16 35	2 29	9 9	0 46	3 20	1 15	18 28	2 41	9 24	8 47	21 50	17 8	6 1
T 13	22 58	27 52	4 35	19 50	1 19	17 34	0 45	11 21	2 30	3 5	0 58	16 35	2 28	9 8	0 46	3 20	1 15	18 29	2 41	9 20	8 46	21 48	17 8	6 1
W14	23 2	27 44	4 56	20 13	1 12	17 23	0 57	11 16	2 32	3 3	0 59	16 34	2 28	9 8	0 46	3 20	1 15	18 29	2 41	9 16	8 45	21 46	17 8	6 1
T 15	23 6	26 17	5 3	20 34	1 5	17 12	1 8	11 11	2 34	3 2	0 59	16 33	2 28	9 7	0 46	3 20	1 15	18 29	2 41	9 12	8 44	21 44	17 8	6 1
F 16	23 9	23 39	4 57	20 55	0 58	17 3	1 19	11 7	2 36	3 0	0 59	16 32	2 28	9 7	0 46	3 20	1 15	18 30	2 41	9 8	8 43	21 41	17 7	6 1
S 17	23 11	20 3	4 39	21 15	0 51	16 54	1 30	11 2	2 38	2 58	0 59	16 32	2 28	9 6	0 46	3 20	1 15	18 30	2 41	9 4	8 42	21 39	17 7	6 1
S 18	23 13	15 40	4 8	21 33	0 43	16 47	1 40	10 58	2 40	2 57	1 0	16 31	2 28	9 5	0 46	3 20	1 15	18 30	2 42	9 2	8 40	21 37	17 7	6 1
M19	23 15	10 40	3 26	21 51	0 36	16 40	1 50	10 54	2 42	2 55	1 0	16 30	2 27	9 5	0 46	3 20	1 15	18 31	2 42	9 1	8 39	21 35	17 7	6 1
T 20	23 16	5 15	2 35	22 8	0 29	16 35	1 59	10 50	2 44	2 54	1 0	16 29	2 27	9 4	0 46	3 20	1 15	18 31	2 42	9 0	8 38	21 33	17 6	6 1
W21	23 17	0n27	1 37	22 24	0 21	16 30	2 8	10 47	2 46	2 53	1 0	16 29	2 27	9 3	0 46	3 20	1 15	18 31	2 42	9 0	8 37	21 30	17 6	6 2
T 22	23 17	6 17	0 32	22 39	0 14	16 26	2 17	10 44	2 48	2 51	1 1	16 28	2 27	9 3	0 46	3 20	1 15	18 32	2 42	9 0	8 36	21 28	17 6	6 2
F 23	23 17	12 2	0n36	22 53	0 7	16 23	2 25	10 41	2 50	2 50	1 1	16 28	2 26	9 2	0 46	3 20	1 15	18 32	2 42	9 0	8 35	21 26	17 6	6 2
S 24	23 17	17 26	1 45	23 6	0s 0	16 21	2 32	10 38	2 52	2 49	1 1	16 27	2 26	9 1	0 46	3 20	1 15	18 33	2 42	9 0	8 33	21 24	17 6	6 2
S 25	23 15	22 9	2 49	23 17	0 7	16 20	2 40	10 35	2 54	2 48	1 1	16 26	2 26	9 1	0 46	3 20	1 15	18 33	2 42	8 58	8 32	21 21	17 6	6 2
M26	23 14	25 44	3 46	23 28	0 14	16 19	2 46	10 33	2 57	2 47	1 2	16 26	2 26	9 0	0 46	3 20	1 15	18 33	2 42	8 56	8 31	21 19	17 5	6 2
T 27	23 12	27 43	4 29	23 37	0 21	16 19	2 53	10 30	2 59	2 46	1 2	16 25	2 26	8 59	0 46	3 20	1 15	18 34	2 43	8 52	8 30	21 17	17 5	6 2
W28	23 9	27 44	4 55	23 45	0 28	16 20	2 59	10 28	3 1	2 45	1 2	16 25	2 25	8 58	0 46	3 20	1 15	18 34	2 43	8 48	8 29	21 15	17 5	6 2
T 29	23 6	25 43	5 0	23 51	0 34	16 21	3 5	10 27	3 3	2 45	1 2	16 24	2 25	8 58	0 46	3 20	1 15	18 34	2 43	8 44	8 27	21 12	17 5	6 2
F 30	23 3	21 53	4 45	23 57	0 41	16 23	3 10	10 25	3 5	2 44	1 3	16 24	2 25	8 57	0 46	3 20	1 15	18 35	2 43	8 40	8 26	21 10	17 5	6 2
S 31	22s59	16n41	4n11	24s 1	0s47	16s25	3n15	10n24	3n 8	2n43	1n 3	16n24	2s25	8s56	0s46	3n21	1s15	18n35	2n43	8n37	8n25	21s 8	17n 5	6s 1

Julian Day Number = 2881769.5, Delta T = 01h15m51s
Ecliptic obliquity = 23°17'21, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°14'11, Lahiri = 40°21'11

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3178
geocentric

JANUARY 3178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 43 0	10♉ 1'38	10♍40	5♉16	28♏36	10♍51	25♍34	24°R16	8♓49	11♈25	15°R48	22°R12	21♈41	13♒58	22°R43	S 1
M 2	6 46 56	11° 2'34	24°54	6°50	29°13	10°58	25°36	24♉14	8°51	11°26	15♌47	22♈ 9	21°38	14° 5	22♊40	M 2
T 3	6 50 53	12° 3'30	8♎45	8°24	29°51	11° 5	25°38	24°11	8°53	11°26	15°46	22°D 8	21°35	14°11	22°37	T 3
W 4	6 54 49	13° 4'28	22°13	9°58	0♐30	11°11	25°39	24° 9	8°55	11°27	15°45	22°R 8	21°31	14°18	22°34	W 4
T 5	6 58 46	14° 5'27	5♏22	11°32	1°10	11°16	25°40	24° 7	8°58	11°27	15°44	22° 8	21°28	14°25	22°31	T 5
F 6	7 2 42	15° 6'27	18°14	13° 7	1°51	11°21	25°41	24° 5	9° 0	11°27	15°43	22° 5	21°25	14°31	22°28	F 6
S 7	7 6 39	16° 7'28	0♐52	14°41	2°34	11°24	25°42	24° 3	9° 2	11°28	15°42	22° 0	21°22	14°38	22°25	S 7
S 8	7 10 36	17° 8'30	13°20	16°16	3°18	11°28	25°43	24° 1	9° 5	11°29	15°41	21°52	21°19	14°45	22°22	S 8
M 9	7 14 32	18° 9'32	25°38	17°51	4° 2	11°30	25°43	23°59	9° 7	11°29	15°40	21°41	21°16	14°52	22°19	M 9
T 10	7 18 29	19°10'35	7♉48	19°26	4°48	11°31	25°R43	23°57	9°10	11°30	15°39	21°28	21°12	14°58	22°16	T 10
W11	7 22 25	20°11'39	19°52	21° 1	5°35	11°R32	25°43	23°55	9°12	11°30	15°37	21°13	21° 9	15° 5	22°13	W11
T 12	7 26 22	21°12'43	1♒50	22°36	6°22	11°32	25°43	23°54	9°15	11°31	15°36	20°58	21° 6	15°12	22°10	T 12
F 13	7 30 18	22°13'48	13°43	24°12	7°11	11°31	25°42	23°53	9°18	11°32	15°35	20°43	21° 3	15°18	22° 8	F 13
S 14	7 34 15	23°14'52	25°34	25°48	8° 0	11°30	25°42	23°51	9°20	11°33	15°34	20°31	21° 0	15°25	22° 5	S 14
S 15	7 38 11	24°15'57	7♓23	27°24	8°51	11°27	25°41	23°50	9°23	11°33	15°33	20°22	20°56	15°32	22° 2	S 15
M16	7 42 8	25°17'02	19°14	29° 1	9°41	11°24	25°40	23°49	9°26	11°34	15°31	20°16	20°53	15°39	21°59	M16
T 17	7 46 5	26°18'08	1♈11	0♒38	10°33	11°20	25°39	23°48	9°28	11°35	15°30	20°12	20°50	15°45	21°57	T 17
W18	7 50 1	27°19'13	13°18	2°15	11°26	11°15	25°38	23°47	9°31	11°36	15°29	20°11	20°47	15°52	21°54	W18
T 19	7 53 58	28°20'18	25°41	3°52	12°19	11° 9	25°36	23°46	9°34	11°37	15°28	20°11	20°44	15°59	21°52	T 19
F 20	7 57 54	29°21'23	8♉24	5°29	13°13	11° 3	25°34	23°46	9°37	11°38	15°26	20°11	20°41	16° 5	21°49	F 20
S 21	8 1 51	0♒22'28	21°32	7° 7	14° 7	10°55	25°32	23°45	9°40	11°39	15°25	20° 9	20°37	16°12	21°47	S 21
S 22	8 5 47	1°23'32	5♊10	8°45	15° 2	10°47	25°30	23°45	9°42	11°40	15°24	20° 6	20°34	16°19	21°44	S 22
M23	8 9 44	2°24'37	19°18	10°24	15°58	10°38	25°28	23°44	9°45	11°41	15°23	19°59	20°31	16°26	21°42	M23
T 24	8 13 40	3°25'42	3♋56	12° 2	16°54	10°28	25°25	23°44	9°48	11°42	15°21	19°50	20°28	16°32	21°40	T 24
W25	8 17 37	4°26'46	18°58	13°41	17°51	10°18	25°23	23°D44	9°51	11°43	15°20	19°39	20°25	16°39	21°37	W25
T 26	8 21 34	5°27'50	4♌15	15°20	18°48	10° 6	25°20	23°44	9°54	11°44	15°19	19°28	20°22	16°46	21°35	T 26
F 27	8 25 30	6°28'54	19°36	16°59	19°46	9°54	25°17	23°44	9°57	11°45	15°17	19°18	20°18	16°52	21°33	F 27
S 28	8 29 27	7°29'58	4♍49	18°38	20°45	9°41	25°13	23°45	10° 0	11°46	15°16	19° 9	20°15	16°59	21°31	S 28
S 29	8 33 23	8°31'02	19°44	20°16	21°43	9°27	25°10	23°45	10° 3	11°48	15°15	19° 4	20°12	17° 6	21°29	S 29
M30	8 37 20	9°32'06	4♎15	21°55	22°43	9°13	25° 6	23°45	10° 6	11°49	15°13	19° 1	20° 9	17°13	21°27	M30
T 31	8 41 16	10♒33'10	18♎18	23♒33	23♐43	8♍58	25♍ 3	23♉46	10♓10	11♈50	15♌12	19°D 0	20♈ 6	17♒19	21♊25	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22s55	10n37	3n20	24s 4	0s53	16s28	3n20	10n23	3n10	2n43	1n 3	16n23	2s24	8s55	0s46	3n21	1s15	18n36	2n43	8n35	8n24	21s 5	17n 5	6s 1	
M 2	22 50	4 8	2 19	24 6	0 59	16 32	3 24	10 22	3 12	2 42	1 3	16 23	2 24	8 54	0 45	3 21	1 15	18 36	2 43	8 34	8 23	21 3	17 4	6 1	
T 3	22 45	2s22	1 10	24 6	1 5	16 36	3 28	10 22	3 15	2 42	1 4	16 22	2 24	8 53	0 45	3 21	1 15	18 37	2 43	8 34	8 22	21 1	17 4	6 1	
W 4	22 39	8 36	0s 0	24 5	1 10	16 40	3 32	10 22	3 17	2 42	1 4	16 22	2 24	8 53	0 45	3 21	1 15	18 37	2 43	8 34	8 20	20 59	17 4	6 1	
T 5	22 33	14 19	1 9	24 3	1 16	16 45	3 35	10 22	3 19	2 42	1 4	16 22	2 23	8 52	0 45	3 21	1 15	18 37	2 44	8 34	8 19	20 56	17 4	6 1	
F 6	22 26	19 17	2 13	24 0	1 21	16 50	3 38	10 22	3 21	2 41	1 4	16 22	2 23	8 51	0 45	3 22	1 14	18 38	2 44	8 33	8 18	20 54	17 4	6 1	
S 7	22 19	23 17	3 9	23 55	1 26	16 55	3 41	10 23	3 24	2 41	1 5	16 21	2 23	8 50	0 45	3 22	1 14	18 38	2 44	8 31	8 17	20 52	17 4	6 1	
S 8	22 12	26 8	3 55	23 49	1 31	17 1	3 44	10 24	3 26	2 41	1 5	16 21	2 23	8 49	0 45	3 22	1 14	18 39	2 44	8 28	8 16	20 49	17 4	6 1	
M 9	22 4	27 42	4 29	23 41	1 35	17 7	3 46	10 25	3 28	2 41	1 5	16 21	2 22	8 48	0 45	3 22	1 14	18 39	2 44	8 24	8 15	20 47	17 4	6 1	
T 10	21 56	27 54	4 51	23 32	1 40	17 13	3 48	10 27	3 31	2 42	1 5	16 21	2 22	8 47	0 45	3 23	1 14	18 40	2 44	8 19	8 13	20 45	17 4	6 1	
W11	21 47	26 45	4 59	23 22	1 44	17 20	3 50	10 29	3 33	2 42	1 6	16 21	2 22	8 46	0 45	3 23	1 14	18 40	2 44	8 13	8 12	20 42	17 4	6 0	
T 12	21 38	24 24	4 54	23 11	1 48	17 26	3 52	10 31	3 35	2 42	1 6	16 21	2 22	8 45	0 45	3 23	1 14	18 40	2 44	8 8	8 11	20 40	17 4	6 0	
F 13	21 28	21 0	4 36	22 58	1 51	17 33	3 53	10 33	3 38	2 43	1 6	16 20	2 21	8 44	0 45	3 24	1 14	18 41	2 44	8 3	8 10	20 38	17 4	6 0	
S 14	21 18	16 47	4 6	22 44	1 55	17 39	3 54	10 36	3 40	2 43	1 6	16 20	2 21	8 43	0 45	3 24	1 14	18 41	2 44	7 58	8 9	20 35	17 4	6 0	
S 15	21 8	11 55	3 25	22 28	1 58	17 46	3 55	10 39	3 42	2 44	1 7	16 20	2 21	8 42	0 45	3 24	1 14	18 42	2 45	7 55	8 7	20 33	17 4	6 0	
M16	20 57	6 37	2 36	22 11	2 0	17 53	3 55	10 43	3 45	2 44	1 7	16 20	2 20	8 41	0 45	3 25	1 14	18 42	2 45	7 52	8 6	20 31	17 4	6 0	
T 17	20 46	1 3	1 39	21 53	2 3	18 0	3 56	10 46	3 47	2 45	1 7	16 20	2 20	8 40	0 45	3 25	1 14	18 43	2 45	7 51	8 5	20 28	17 4	6 0	
W18	20 34	4n40	0 36	21 34	2 5	18 7	3 56	10 50	3 49	2 46	1 8	16 20	2 20	8 39	0 45	3 25	1 14	18 43	2 45	7 51	8 4	20 26	17 4	5 59	
T 19	20 22	10 19	0n29	21 13	2 6	18 14	3 56	10 54	3 51	2 47	1 8	16 21	2 20	8 38	0 45	3 26	1 14	18 44	2 45	7 50	8 3	20 23	17 4	5 59	
F 20	20 9	15 43	1 35	20 51	2 8	18 20	3 56	10 59	3 54	2 47	1 8	16 21	2 19	8 37	0 45	3 26	1 14	18 44	2 45	7 50	8 1	20 21	17 4	5 59	
S 21	19 57	20 34	2 38	20 27	2 9	18 27	3 56	11 4	3 56	2 48	1 8	16 21	2 19	8 36	0 45	3 26	1 14	18 45	2 45	7 50	8 0	20 19	17 4	5 59	
S 22	19 43	24 32	3 34	20 2	2 9	18 34	3 55	11 9	3 58	2 50	1 9	16 21	2 19	8 35	0 45	3 27	1 14	18 45	2 45	7 48	7 59	20 16	17 4	5 59	
M23	19 30	27 10	4 19	19 36	2 9	18 40	3 54	11 14	4 0	2 51	1 9	16 21	2 18	8 33	0 45	3 27	1 14	18 45	2 45	7 46	7 58	20 14	17 4	5 58	
T 24	19 16	28 3	4 50	19 8	2 9	18 47	3 53	11 20	4 2	2 52	1 9	16 21	2 18	8 32	0 45	3 28	1 14	18 46	2 45	7 43	7 57	20 11	17 4	5 58	
W25	19 2	26 55	5 1	18 40	2 8	18 53	3 52	11 26	4 4	2 53	1 9	16 22	2 18	8 31	0 45	3 28	1 14	18 46	2 45	7 39	7 56	20 9	17 4	5 58	
T 26	18 47	23 47	4 51	18 10	2 7	18 59	3 51	11 32	4 7	2 55	1 10	16 22	2 18	8 30	0 45	3 29	1 14	18 47	2 46	7 34	7 54	20 7	17 4	5 58	
F 27	18 32	18 58	4 20	17 38	2 5	19 5	3 50	11 39	4 9	2 56	1 10	16 22	2 17	8 29	0 45	3 29	1 14	18 47	2 46	7 30	7 53	20 4	17 4	5 58	
S 28	18 17	12 58	3 31	17 6	2 3	19 10	3 48	11 45	4 10	2 58	1 10	16 23	2 17	8 28	0 45	3 30	1 14	18 48	2 46	7 27	7 52	20 2	17 5	5 57	
S 29	18 1	6 19	2 29	16 32	2 0	19 16	3 47	11 52	4 12	2 59	1 10	16 23	2 17	8 27	0 45	3 30	1 14	18 48	2 46	7 25	7 51	19 59	17 5	5 57	
M30	17 45	0s30	1 17	15 57	1 57	19 21	3 45	12 0	4 14	3 1	1 11	16 23	2 16	8 25	0 45	3 31	1 14	18 49	2 46	7 24	7 50	19 57	17 5	5 57	
T 31	17s29	7s 5	0n 4	15s21	1s52	19s26	3n43	12n 7	4n16	3n 3	1n11	16n24	2s16	8s24	0s45	3n31	1s14	18n49	2n46	7n24	7n48	19s54	17n 5	5s57	

Julian Day Number = 2881800.5, Delta T = 01h15m52s
Ecliptic obliquity = 23°17'21, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°14'15, Lahiri = 40°21'16

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ASTRODIENST EPHEMERIS for the year 3178
geocentric

FEBRUARY 3178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 45 13	11♒34'14	1♏54	25♒11	24♐43	8°R42	24°R59	23♉47	10♓13	11♈52	15°R11	19♈ 0	20♈ 2	17♒26	21°R23	W 1
T 2	8 49 9	12°35'18	15° 5	26°48	25°44	8♏25	24♏54	23°47	10°16	11°53	15♌ 9	19°R 0	19°59	17°33	21♊22	T 2
F 3	8 53 6	13°36'22	27°54	28°24	26°45	8° 7	24°50	23°48	10°19	11°54	15° 8	18°59	19°56	17°39	21°20	F 3
S 4	8 57 3	14°37'26	10♐26	29°59	27°46	7°49	24°46	23°49	10°22	11°56	15° 7	18°56	19°53	17°46	21°18	S 4
S 5	9 0 59	15°38'30	22°44	1♓33	28°48	7°31	24°41	23°50	10°26	11°57	15° 5	18°50	19°50	17°53	21°17	S 5
M 6	9 4 56	16°39'33	4♑52	3° 5	29°50	7°11	24°36	23°52	10°29	11°59	15° 4	18°42	19°47	17°59	21°15	M 6
T 7	9 8 52	17°40'36	16°52	4°35	0♑53	6°51	24°31	23°53	10°32	12° 0	15° 3	18°31	19°43	18° 6	21°14	T 7
W 8	9 12 49	18°41'39	28°48	6° 2	1°56	6°31	24°26	23°55	10°35	12° 2	15° 2	18°19	19°40	18°13	21°12	W 8
T 9	9 16 45	19°42'42	10♒41	7°26	2°59	6°10	24°21	23°56	10°39	12° 3	15° 0	18° 7	19°37	18°20	21°11	T 9
F 10	9 20 42	20°43'44	22°32	8°46	4° 2	5°48	24°15	23°58	10°42	12° 5	14°59	17°55	19°34	18°26	21°10	F 10
S 11	9 24 38	21°44'45	4♓23	10° 2	5° 6	5°26	24°10	24° 0	10°45	12° 6	14°58	17°45	19°31	18°33	21° 9	S 11
S 12	9 28 35	22°45'45	16°15	11°12	6°10	5° 4	24° 4	24° 1	10°49	12° 8	14°56	17°38	19°28	18°40	21° 7	S 12
M13	9 32 32	23°46'45	28°10	12°17	7°15	4°41	23°58	24° 3	10°52	12°10	14°55	17°33	19°24	18°46	21° 6	M13
T 14	9 36 28	24°47'44	10♈12	13°15	8°19	4°18	23°52	24° 6	10°55	12°11	14°54	17°31	19°21	18°53	21° 5	T 14
W15	9 40 25	25°48'41	22°23	14° 6	9°24	3°55	23°46	24° 8	10°59	12°13	14°52	17°D31	19°18	19° 0	21° 4	W15
T 16	9 44 21	26°49'38	4♉47	14°48	10°29	3°31	23°39	24°10	11° 2	12°15	14°51	17°32	19°15	19° 7	21° 4	T 16
F 17	9 48 18	27°50'34	17°28	15°21	11°35	3° 7	23°33	24°13	11° 5	12°16	14°50	17°33	19°12	19°13	21° 3	F 17
S 18	9 52 14	28°51'29	0♊31	15°44	12°40	2°43	23°27	24°15	11° 9	12°18	14°48	17°R34	19° 8	19°20	21° 2	S 18
S 19	9 56 11	29°52'22	13°59	15°56	13°46	2°19	23°20	24°18	11°12	12°20	14°47	17°32	19° 5	19°27	21° 1	S 19
M20	10 0 7	0♓53'14	27°55	15°R58	14°52	1°55	23°13	24°20	11°16	12°22	14°46	17°29	19° 2	19°33	21° 1	M20
T 21	10 4 4	1°54'06	12♋18	15°48	15°59	1°31	23° 6	24°23	11°19	12°23	14°45	17°25	18°59	19°40	21° 0	T 21
W22	10 8 1	2°54'55	27° 7	15°27	17° 5	1° 7	22°59	24°26	11°23	12°25	14°43	17°18	18°56	19°47	21° 0	W22
T 23	10 11 57	3°55'44	12♌14	14°56	18°12	0°44	22°52	24°29	11°26	12°27	14°42	17°11	18°53	19°53	21° 0	T 23
F 24	10 15 54	4°56'31	27°31	14°14	19°19	0°20	22°45	24°32	11°30	12°29	14°41	17° 5	18°49	20° 0	20°59	F 24
S 25	10 19 50	5°57'18	12♍46	13°23	20°26	29♌56	22°38	24°36	11°33	12°31	14°40	16°59	18°46	20° 7	20°59	S 25
S 26	10 23 47	6°58'03	27°49	12°25	21°33	29°33	22°30	24°39	11°36	12°33	14°38	16°56	18°43	20°14	20°59	S 26
M27	10 27 43	7°58'47	12♎32	11°20	22°40	29°10	22°23	24°42	11°40	12°35	14°37	16°D55	18°40	20°20	20°59	M27
T 28	10 31 40	8♓59'30	26♎48	10♓11	23♑48	28♌47	22♍16	24♉46	11♓43	12♈37	14♌36	16♈55	18♈37	20♒27	20°D59	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s12	13s 8	1s 8	14s44	1s48	19s31	3n41	12n15	4n18	3n 4	1n11	16n24	2s16	8s23	0s45	3n32	1s14	18n50	2n46	7n24	7n47	19s52	17n 5	5s56
T 2	16 55	18 24	2 14	14 6	1 42	19 35	3 39	12 22	4 19	3 6	1 11	16 25	2 16	8 22	0 45	3 32	1 14	18 50	2 46	7 24	7 46	19 49	17 5	5 56
F 3	16 38	22 41	3 11	13 28	1 36	19 39	3 36	12 30	4 21	3 8	1 11	16 25	2 15	8 21	0 45	3 33	1 14	18 51	2 46	7 23	7 45	19 47	17 5	5 56
S 4	16 21	25 48	3 58	12 48	1 29	19 43	3 34	12 39	4 23	3 10	1 12	16 26	2 15	8 19	0 45	3 33	1 14	18 51	2 46	7 22	7 44	19 45	17 6	5 56
S 5	16 3	27 38	4 33	12 8	1 22	19 46	3 31	12 47	4 24	3 12	1 12	16 26	2 15	8 18	0 45	3 34	1 13	18 51	2 46	7 20	7 42	19 42	17 6	5 55
M 6	15 45	28 6	4 54	11 27	1 14	19 49	3 28	12 55	4 25	3 14	1 12	16 27	2 14	8 17	0 45	3 35	1 13	18 52	2 46	7 17	7 41	19 40	17 6	5 55
T 7	15 26	27 14	5 3	10 46	1 4	19 51	3 26	13 4	4 27	3 16	1 12	16 28	2 14	8 16	0 45	3 35	1 13	18 52	2 46	7 13	7 40	19 37	17 6	5 55
W 8	15 8	25 8	4 58	10 5	0 54	19 54	3 23	13 13	4 28	3 19	1 13	16 28	2 14	8 14	0 45	3 36	1 13	18 53	2 47	7 8	7 39	19 35	17 6	5 54
T 9	14 49	21 57	4 40	9 24	0 43	19 56	3 20	13 22	4 29	3 21	1 13	16 29	2 14	8 13	0 45	3 36	1 13	18 53	2 47	7 4	7 38	19 32	17 6	5 54
F 10	14 30	17 52	4 10	8 43	0 32	19 57	3 17	13 31	4 30	3 23	1 13	16 30	2 13	8 12	0 45	3 37	1 13	18 54	2 47	6 59	7 36	19 30	17 7	5 54
S 11	14 10	13 6	3 30	8 3	0 19	19 58	3 14	13 40	4 31	3 26	1 13	16 30	2 13	8 11	0 45	3 38	1 13	18 54	2 47	6 56	7 35	19 27	17 7	5 54
S 12	13 51	7 51	2 39	7 24	0 6	19 59	3 10	13 49	4 32	3 28	1 13	16 31	2 13	8 9	0 45	3 38	1 13	18 55	2 47	6 53	7 34	19 25	17 7	5 53
M13	13 31	2 17	1 42	6 47	0n 8	19 59	3 7	13 58	4 32	3 31	1 14	16 32	2 12	8 8	0 45	3 39	1 13	18 55	2 47	6 51	7 33	19 22	17 7	5 53
T 14	13 11	3n25	0 39	6 11	0 23	19 58	3 4	14 7	4 33	3 33	1 14	16 33	2 12	8 7	0 45	3 40	1 13	18 56	2 47	6 50	7 32	19 20	17 8	5 53
W15	12 50	9 4	0n26	5 37	0 39	19 58	3 0	14 16	4 34	3 36	1 14	16 33	2 12	8 6	0 45	3 40	1 13	18 56	2 47	6 50	7 31	19 17	17 8	5 52
T 16	12 30	14 28	1 32	5 6	0 55	19 57	2 57	14 25	4 34	3 38	1 14	16 34	2 12	8 4	0 45	3 41	1 13	18 56	2 47	6 50	7 29	19 14	17 8	5 52
F 17	12 9	19 24	2 34	4 38	1 12	19 55	2 53	14 33	4 34	3 41	1 14	16 35	2 11	8 3	0 45	3 42	1 13	18 57	2 47	6 51	7 28	19 12	17 8	5 52
S 18	11 48	23 34	3 31	4 14	1 29	19 53	2 49	14 42	4 34	3 44	1 15	16 36	2 11	8 2	0 45	3 42	1 13	18 57	2 47	6 51	7 27	19 9	17 9	5 51
S 19	11 27	26 36	4 17	3 53	1 46	19 50	2 46	14 51	4 34	3 47	1 15	16 37	2 11	8 0	0 45	3 43	1 13	18 58	2 47	6 51	7 26	19 7	17 9	5 51
M20	11 5	28 7	4 51	3 37	2 2	19 47	2 42	15 0	4 34	3 49	1 15	16 38	2 10	7 59	0 45	3 44	1 13	18 58	2 47	6 49	7 25	19 4	17 9	5 51
T 21	10 44	27 49	5 7	3 26	2 19	19 44	2 38	15 8	4 34	3 52	1 15	16 39	2 10	7 58	0 45	3 45	1 13	18 58	2 47	6 48	7 23	19 2	17 9	5 51
W22	10 22	25 34	5 4	3 19	2 34	19 40	2 34	15 16	4 34	3 55	1 15	16 40	2 10	7 56	0 45	3 45	1 13	18 59	2 47	6 45	7 22	18 59	17 10	5 50
T 23	10 0	21 30	4 40	3 18	2 49	19 35	2 30	15 25	4 33	3 58	1 15	16 41	2 10	7 55	0 45	3 46	1 13	18 59	2 47	6 43	7 21	18 57	17 10	5 50
F 24	9 38	15 57	3 55	3 22	3 2	19 30	2 26	15 32	4 33	4 1	1 16	16 42	2 9	7 54	0 45	3 47	1 13	19 0	2 47	6 40	7 20	18 54	17 10	5 50
S 25	9 16	9 25	2 54	3 30	3 14	19 24	2 22	15 40	4 32	4 4	1 16	16 43	2 9	7 52	0 45	3 48	1 13	19 0	2 47	6 38	7 19	18 51	17 11	5 49
S 26	8 54	2 25	1 42	3 43	3 24	19 18	2 18	15 48	4 32	4 7	1 16	16 44	2 9	7 51	0 45	3 48	1 13	19 1	2 47	6 37	7 17	18 49	17 11	5 49
M27	8 31	4s33	0 24	4 1	3 31	19 12	2 14	15 55	4 31	4 10	1 16	16 45	2 9	7 50	0 45	3 49	1 13	19 1	2 47	6 36	7 16	18 46	17 11	5 49
T 28	8s 9	11s 6	0s54	4s22	3n36	19s 5	2n10	16n 2	4n30	4n13	1n16	16n46	2s 8	7s49	0s45	3n50	1s13	19n 1	2n48	6n36	7n15	18s44	17n12	5s48

Julian Day Number = 2881831.5, Delta T = 01h15m52s
Ecliptic obliquity = 23°17'21, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°14'19, Lahiri = 40°21'20

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ASTRODIENST EPHEMERIS for the year 3178
geocentric

MARCH 3178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 35 36	10♓ 0'12	10♏36	9°R 1	24♉56	28°R25	22°R 8	24♉50	11♓47	12♈39	14°R35	16♈56	18♈33	20♒34	20♊59	W 1
T 2	10 39 33	11° 0'53	23°57	7♓50	26° 4	28♌ 3	22♍ 0	24°53	11°50	12°41	14♌34	16°58	18°30	20°40	20°59	T 2
F 3	10 43 30	12° 1'33	6♐52	6°40	27°12	27°41	21°53	24°57	11°54	12°43	14°32	16°R59	18°27	20°47	20°59	F 3
S 4	10 47 26	13° 2'13	19°27	5°34	28°20	27°20	21°45	25° 1	11°57	12°45	14°31	16°59	18°24	20°54	20°59	S 4
S 5	10 51 23	14° 2'51	1♉44	4°33	29°29	27° 0	21°37	25° 5	12° 1	12°47	14°30	16°57	18°21	21° 0	21° 0	S 5
M 6	10 55 19	15° 3'28	13°49	3°37	0♒37	26°40	21°30	25° 9	12° 4	12°49	14°29	16°54	18°18	21° 7	21° 0	M 6
T 7	10 59 16	16° 4'04	25°45	2°49	1°46	26°20	21°22	25°13	12° 8	12°51	14°28	16°50	18°14	21°14	21° 1	T 7
W 8	11 3 12	17° 4'39	7♒37	2° 7	2°55	26° 1	21°14	25°18	12°11	12°53	14°27	16°44	18°11	21°21	21° 1	W 8
T 9	11 7 9	18° 5'13	19°27	1°33	4° 4	25°43	21° 6	25°22	12°15	12°55	14°26	16°39	18° 8	21°27	21° 2	T 9
F 10	11 11 5	19° 5'45	1♓18	1° 7	5°13	25°25	20°58	25°26	12°18	12°57	14°25	16°34	18° 5	21°34	21° 3	F 10
S 11	11 15 2	20° 6'16	13°12	0°49	6°22	25° 8	20°50	25°31	12°22	12°59	14°24	16°30	18° 2	21°41	21° 3	S 11
S 12	11 18 59	21° 6'45	25°10	0°37	7°31	24°52	20°42	25°35	12°25	13° 2	14°23	16°27	17°59	21°47	21° 4	S 12
M13	11 22 55	22° 7'13	7♈15	0°D33	8°41	24°36	20°34	25°40	12°29	13° 4	14°22	16°25	17°55	21°54	21° 5	M13
T 14	11 26 52	23° 7'39	19°29	0°36	9°50	24°22	20°26	25°45	12°32	13° 6	14°21	16°D25	17°52	22° 1	21° 6	T 14
W15	11 30 48	24° 8'03	1♉52	0°46	11° 0	24° 7	20°19	25°50	12°35	13° 8	14°20	16°25	17°49	22° 7	21° 7	W15
T 16	11 34 45	25° 8'26	14°27	1° 1	12°10	23°54	20°11	25°55	12°39	13°10	14°19	16°27	17°46	22°14	21° 8	T 16
F 17	11 38 41	26° 8'47	27°17	1°22	13°20	23°42	20° 3	26° 0	12°42	13°12	14°18	16°28	17°43	22°21	21° 9	F 17
S 18	11 42 38	27° 9'06	10♊24	1°49	14°30	23°30	19°55	26° 5	12°46	13°15	14°17	16°30	17°39	22°28	21°11	S 18
S 19	11 46 34	28° 9'24	23°50	2°20	15°40	23°19	19°47	26°10	12°49	13°17	14°16	16°R30	17°36	22°34	21°12	S 19
M20	11 50 31	29° 9'39	7♋37	2°56	16°50	23° 9	19°40	26°15	12°52	13°19	14°15	16°30	17°33	22°41	21°13	M20
T 21	11 54 28	0♈ 9'52	21°46	3°36	18° 0	22°59	19°32	26°21	12°56	13°21	14°14	16°29	17°30	22°48	21°15	T 21
W22	11 58 24	1°10'04	6♌14	4°20	19°10	22°51	19°24	26°26	12°59	13°23	14°13	16°28	17°27	22°54	21°16	W22
T 23	12 2 21	2°10'13	20°59	5° 8	20°21	22°43	19°17	26°31	13° 2	13°26	14°12	16°26	17°24	23° 1	21°18	T 23
F 24	12 6 17	3°10'20	5♍54	5°59	21°31	22°36	19° 9	26°37	13° 6	13°28	14°12	16°24	17°20	23° 8	21°20	F 24
S 25	12 10 14	4°10'26	20°51	6°53	22°42	22°30	19° 2	26°43	13° 9	13°30	14°11	16°23	17°17	23°14	21°21	S 25
S 26	12 14 10	5°10'29	5♎43	7°51	23°52	22°24	18°54	26°48	13°12	13°32	14°10	16°22	17°14	23°21	21°23	S 26
M27	12 18 7	6°10'31	20°21	8°51	25° 3	22°20	18°47	26°54	13°16	13°35	14° 9	16°D22	17°11	23°28	21°25	M27
T 28	12 22 3	7°10'31	4♏39	9°53	26°14	22°16	18°40	27° 0	13°19	13°37	14° 9	16°22	17° 8	23°34	21°27	T 28
W29	12 26 0	8°10'29	18°34	10°58	27°24	22°13	18°33	27° 6	13°22	13°39	14° 8	16°23	17° 5	23°41	21°29	W29
T 30	12 29 57	9°10'26	2♐ 2	12° 6	28°35	22°10	18°26	27°12	13°25	13°42	14° 7	16°24	17° 1	23°48	21°31	T 30
F 31	12 33 53	10♈10'21	15♐ 6	13♓15	29♒46	22♌ 9	18♍19	27♉18	13♓29	13♈44	14♌ 7	16♈24	16♈58	23♒55	21♊33	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s46	16s54	2s 5	4s45	3n39	18s57	2n 5	16n 9	4n29	4n16	1n16	16n47	2s 8	7s47	0s45	3n51	1s13	19n 2	2n48	6n37	7n14	18s41	17n12	5s48
T 2	7 23	21 41	3 8	5 11	3 39	18 49	2 1	16 16	4 28	4 19	1 16	16 48	2 8	7 46	0 45	3 51	1 13	19 2	2 48	6 37	7 13	18 39	17 12	5 48
F 3	7 0	25 15	3 59	5 39	3 37	18 41	1 57	16 22	4 26	4 23	1 17	16 49	2 8	7 45	0 45	3 52	1 13	19 2	2 48	6 38	7 11	18 36	17 13	5 47
S 4	6 37	27 28	4 37	6 7	3 33	18 31	1 53	16 28	4 25	4 26	1 17	16 50	2 7	7 43	0 45	3 53	1 13	19 3	2 48	6 38	7 10	18 33	17 13	5 47
S 5	6 14	28 18	5 1	6 35	3 26	18 22	1 48	16 34	4 24	4 29	1 17	16 52	2 7	7 42	0 45	3 54	1 13	19 3	2 48	6 37	7 9	18 31	17 13	5 47
M 6	5 51	27 44	5 11	7 2	3 18	18 12	1 44	16 40	4 22	4 32	1 17	16 53	2 7	7 41	0 45	3 55	1 13	19 4	2 48	6 36	7 8	18 28	17 14	5 46
T 7	5 28	25 54	5 8	7 28	3 9	18 1	1 40	16 45	4 21	4 35	1 17	16 54	2 6	7 39	0 45	3 55	1 13	19 4	2 48	6 34	7 7	18 25	17 14	5 46
W 8	5 4	22 57	4 52	7 53	2 58	17 50	1 36	16 50	4 19	4 38	1 17	16 55	2 6	7 38	0 45	3 56	1 13	19 4	2 48	6 32	7 5	18 23	17 14	5 46
T 9	4 41	19 3	4 23	8 16	2 46	17 38	1 31	16 54	4 17	4 41	1 17	16 57	2 6	7 37	0 45	3 57	1 13	19 5	2 48	6 30	7 4	18 20	17 15	5 45
F 10	4 17	14 25	3 42	8 36	2 34	17 26	1 27	16 59	4 16	4 45	1 17	16 58	2 6	7 35	0 45	3 58	1 13	19 5	2 48	6 28	7 3	18 18	17 15	5 45
S 11	3 54	9 13	2 52	8 55	2 21	17 14	1 23	17 3	4 14	4 48	1 17	16 59	2 6	7 34	0 45	3 59	1 13	19 5	2 48	6 27	7 2	18 15	17 16	5 45
S 12	3 30	3 39	1 54	9 11	2 8	17 1	1 18	17 6	4 12	4 51	1 17	17 1	2 5	7 33	0 45	4 0	1 13	19 6	2 48	6 26	7 1	18 12	17 16	5 44
M13	3 6	2n 6	0 50	9 25	1 54	16 47	1 14	17 10	4 10	4 54	1 17	17 2	2 5	7 31	0 45	4 0	1 13	19 6	2 48	6 25	6 59	18 10	17 16	5 44
T 14	2 43	7 50	0n17	9 37	1 41	16 33	1 10	17 13	4 8	4 57	1 17	17 3	2 5	7 30	0 45	4 1	1 13	19 6	2 48	6 25	6 58	18 7	17 17	5 44
W15	2 19	13 22	1 24	9 46	1 27	16 19	1 5	17 16	4 6	5 0	1 18	17 5	2 5	7 29	0 45	4 2	1 13	19 7	2 48	6 25	6 57	18 4	17 17	5 43
T 16	1 55	18 26	2 28	9 54	1 14	16 4	1 1	17 18	4 4	5 3	1 18	17 6	2 4	7 28	0 45	4 3	1 13	19 7	2 48	6 26	6 56	18 2	17 18	5 43
F 17	1 31	22 47	3 27	9 58	1 1	15 48	0 57	17 20	4 2	5 7	1 18	17 7	2 4	7 26	0 45	4 4	1 13	19 7	2 48	6 26	6 54	17 59	17 18	5 43
S 18	1 8	26 5	4 15	10 1	0 48	15 32	0 53	17 22	3 59	5 10	1 18	17 9	2 4	7 25	0 45	4 5	1 13	19 7	2 48	6 27	6 53	17 56	17 18	5 42
S 19	0 44	28 0	4 52	10 2	0 35	15 16	0 49	17 24	3 57	5 13	1 18	17 10	2 4	7 24	0 45	4 6	1 13	19 8	2 48	6 27	6 52	17 54	17 19	5 42
M20	0 20	28 16	5 12	10 0	0 23	14 59	0 44	17 25	3 55	5 16	1 18	17 12	2 3	7 22	0 45	4 6	1 13	19 8	2 48	6 27	6 51	17 51	17 19	5 42
T 21	0n 4	26 43	5 15	9 57	0 11	14 42	0 40	17 26	3 53	5 19	1 18	17 13	2 3	7 21	0 45	4 7	1 13	19 8	2 48	6 27	6 50	17 48	17 20	5 41
W22	0 28	23 24	4 57	9 52	0s 0	14 25	0 36	17 27	3 50	5 22	1 18	17 14	2 3	7 20	0 45	4 8	1 13	19 8	2 48	6 26	6 48	17 46	17 20	5 41
T 23	0 51	18 32	4 21	9 45	0 12	14 7	0 32	17 27	3 48	5 25	1 18	17 16	2 3	7 19	0 45	4 9	1 13	19 9	2 48	6 25	6 47	17 43	17 20	5 41
F 24	1 15	12 29	3 26	9 36	0 22	13 48	0 28	17 27	3 46	5 28	1 18	17 17	2 3	7 17	0 45	4 10	1 13	19 9	2 48	6 25	6 46	17 40	17 21	5 40
S 25	1 39	5 42	2 17	9 26	0 33	13 29	0 24	17 27	3 43	5 31	1 18	17 19	2 2	7 16	0 45	4 11	1 13	19 9	2 48	6 24	6 45	17 37	17 21	5 40
S 26	2 3	1s22	0 59	9 14	0 42	13 10	0 20	17 27	3 41	5 33	1 18	17 20	2 2	7 15	0 45	4 12	1 13	19 9	2 48	6 24	6 44	17 35	17 22	5 40
M27	2 26	8 15	0s22	9 0	0 52	12 51	0 16	17 26	3 39	5 36	1 18	17 22	2 2	7 14	0 45	4 12	1 13	19 10	2 48	6 24	6 42	17 32	17 22	5 39
T 28	2 50	14 34	1 40	8 45	1 1	12 31	0 12	17 25	3 36	5 39	1 18	17 23	2 2	7 12	0 45	4 13	1 13	19 10	2 48	6 24	6 41	17 29	17 22	5 39
W29	3 13	19 57	2 49	8 28	1 9	12 10	0 8	17 24	3 34	5 42	1 18	17 25	2 2	7 11	0 45	4 14	1 13	19 10	2 48	6 24	6 40	17 27	17 23	5 39
T 30	3 37	24 9	3 47	8 10	1 17	11 50	0 4	17 22	3 32	5 44	1 18	17 26	2 1	7 10	0 45	4 15	1 13	19 10	2 48	6 24	6 39	17 24	17 23	5 39
F 31	4n 0	26s57	4s31	7s51	1s25	11s29	0n 0	17n20	3n29	5n47	1n18	17n28	2s 1	7s 9	0s45	4n16	1s13	19n11	2n48	6n25	6n38	17s21	17n24	5s38

Julian Day Number = 2881859.5, Delta T = 01h15m53s
Ecliptic obliquity = 23°17'22, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°14'23, Lahiri = 40°21'24

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ASTRODIENST EPHEMERIS for the year 3178
geocentric

APRIL 3178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 37 50	11♈10'15	27♐46	14♓27	0♓57	22°R 8	18°R12	27♉24	13♓32	13♈46	14°R 6	16♈25	16♈55	24♒ 1	21♊35	S 1
S 2	12 41 46	12°10'07	10♑ 8	15°40	2° 8	22°D 8	18♍ 5	27°30	13°35	13°48	14♌ 5	16°R25	16°52	24° 8	21°38	S 2
M 3	12 45 43	13° 9'57	22°15	16°56	3°20	22♌ 8	17°59	27°36	13°38	13°51	14° 5	16°25	16°49	24°15	21°40	M 3
T 4	12 49 39	14° 9'46	4♒12	18°13	4°31	22° 9	17°52	27°42	13°41	13°53	14° 4	16°25	16°45	24°21	21°42	T 4
W 5	12 53 36	15° 9'33	16° 3	19°32	5°42	22°11	17°46	27°48	13°44	13°55	14° 4	16°25	16°42	24°28	21°45	W 5
T 6	12 57 32	16° 9'18	27°53	20°52	6°53	22°14	17°40	27°55	13°47	13°57	14° 3	16°D24	16°39	24°35	21°47	T 6
F 7	13 1 29	17° 9'02	9♓45	22°15	8° 5	22°18	17°34	28° 1	13°50	14° 0	14° 3	16°24	16°36	24°41	21°50	F 7
S 8	13 5 25	18° 8'44	21°43	23°38	9°16	22°22	17°28	28° 8	13°54	14° 2	14° 2	16°25	16°33	24°48	21°52	S 8
S 9	13 9 22	19° 8'23	3♈50	25° 4	10°28	22°27	17°22	28°14	13°57	14° 4	14° 2	16°25	16°30	24°55	21°55	S 9
M10	13 13 19	20° 8'02	16° 7	26°30	11°39	22°32	17°16	28°21	13°59	14° 7	14° 1	16°R25	16°26	25° 2	21°57	M10
T 11	13 17 15	21° 7'38	28°36	27°59	12°51	22°38	17°11	28°27	14° 2	14° 9	14° 1	16°25	16°23	25° 8	22° 0	T 11
W12	13 21 12	22° 7'12	11♉18	29°28	14° 3	22°45	17° 5	28°34	14° 5	14°11	14° 0	16°24	16°20	25°15	22° 3	W12
T 13	13 25 8	23° 6'44	24°14	0♈59	15°14	22°52	17° 0	28°41	14° 8	14°13	14° 0	16°24	16°17	25°22	22° 6	T 13
F 14	13 29 5	24° 6'14	7♊23	2°32	16°26	23° 0	16°55	28°47	14°11	14°16	14° 0	16°23	16°14	25°28	22° 9	F 14
S 15	13 33 1	25° 5'42	20°46	4° 6	17°38	23° 9	16°50	28°54	14°14	14°18	13°59	16°22	16°11	25°35	22°12	S 15
S 16	13 36 58	26° 5'08	4♋22	5°41	18°49	23°18	16°45	29° 1	14°17	14°20	13°59	16°21	16° 7	25°42	22°15	S 16
M17	13 40 54	27° 4'32	18°12	7°17	20° 1	23°28	16°41	29° 8	14°20	14°22	13°59	16°20	16° 4	25°48	22°18	M17
T 18	13 44 51	28° 3'53	2♌15	8°55	21°13	23°38	16°36	29°15	14°22	14°25	13°59	16°D20	16° 1	25°55	22°21	T 18
W19	13 48 48	29° 3'12	16°28	10°35	22°25	23°49	16°32	29°22	14°25	14°27	13°58	16°21	15°58	26° 2	22°24	W19
T 20	13 52 44	0♉ 2'29	0♍51	12°16	23°37	24° 1	16°28	29°29	14°28	14°29	13°58	16°21	15°55	26° 8	22°27	T 20
F 21	13 56 41	1° 1'43	15°19	13°58	24°49	24°13	16°24	29°36	14°30	14°31	13°58	16°23	15°51	26°15	22°31	F 21
S 22	14 0 37	2° 0'55	29°49	15°41	26° 1	24°25	16°20	29°43	14°33	14°33	13°58	16°24	15°48	26°22	22°34	S 22
S 23	14 4 34	3° 0'05	14♎16	17°26	27°13	24°38	16°16	29°50	14°36	14°36	13°58	16°R24	15°45	26°28	22°37	S 23
M24	14 8 30	3°59'12	28°34	19°13	28°25	24°52	16°13	29°57	14°38	14°38	13°58	16°24	15°42	26°35	22°41	M24
T 25	14 12 27	4°58'18	12♏38	21° 0	29°37	25° 6	16°10	0♊ 4	14°41	14°40	13°58	16°22	15°39	26°42	22°44	T 25
W26	14 16 23	5°57'22	26°25	22°50	0♈49	25°20	16° 7	0°12	14°43	14°42	13°58	16°20	15°36	26°49	22°48	W26
T 27	14 20 20	6°56'24	9♐51	24°40	2° 1	25°35	16° 4	0°19	14°46	14°44	13°D58	16°17	15°32	26°55	22°51	T 27
F 28	14 24 17	7°55'25	22°56	26°33	3°13	25°50	16° 1	0°26	14°48	14°46	13°58	16°14	15°29	27° 2	22°55	F 28
S 29	14 28 13	8°54'23	5♑40	28°26	4°25	26° 6	15°59	0°33	14°50	14°49	13°58	16°11	15°26	27° 9	22°59	S 29
S 30	14 32 10	9♉53'20	18♑ 5	0♉21	5♈38	26♌23	15♍56	0♊41	14♓53	14♈51	13♌58	16♈ 9	15♈23	27♒15	23♊ 2	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n24	28s17	5s 1	7s30	1s32	11s 7	0s 3	17n19	3n27	5n50	1n18	17n29	2s 1	7s 8	0s45	4n17	1s13	19n11	2n48	6n25	6n36	17s18	17n24	5s38
S 2	4 47	28 9	5 15	7 8	1 39	10 46	0 7	17 16	3 24	5 52	1 18	17 31	2 1	7 6	0 45	4 18	1 13	19 11	2 48	6 25	6 35	17 16	17 25	5 38
M 3	5 10	26 39	5 16	6 45	1 45	10 23	0 11	17 14	3 22	5 55	1 17	17 32	2 1	7 5	0 45	4 19	1 13	19 11	2 48	6 25	6 34	17 13	17 25	5 37
T 4	5 33	23 59	5 2	6 20	1 51	10 1	0 14	17 11	3 20	5 57	1 17	17 34	2 0	7 4	0 45	4 19	1 13	19 11	2 48	6 25	6 33	17 10	17 25	5 37
W 5	5 56	20 19	4 36	5 54	1 56	9 38	0 18	17 8	3 17	6 0	1 17	17 36	2 0	7 3	0 45	4 20	1 13	19 11	2 48	6 25	6 32	17 7	17 26	5 37
T 6	6 19	15 51	3 58	5 27	2 1	9 16	0 21	17 5	3 15	6 2	1 17	17 37	2 0	7 2	0 45	4 21	1 13	19 12	2 48	6 25	6 30	17 5	17 26	5 36
F 7	6 42	10 48	3 10	4 59	2 6	8 52	0 25	17 2	3 13	6 4	1 17	17 39	2 0	7 1	0 45	4 22	1 13	19 12	2 48	6 25	6 29	17 2	17 27	5 36
S 8	7 4	5 18	2 13	4 30	2 10	8 29	0 28	16 58	3 10	6 7	1 17	17 40	2 0	6 59	0 45	4 23	1 13	19 12	2 48	6 25	6 28	16 59	17 27	5 36
S 9	7 27	0n27	1 9	4 0	2 14	8 5	0 32	16 55	3 8	6 9	1 17	17 42	2 0	6 58	0 45	4 24	1 13	19 12	2 48	6 25	6 27	16 56	17 28	5 36
M10	7 49	6 17	0 2	3 28	2 17	7 41	0 35	16 51	3 6	6 11	1 17	17 44	1 59	6 57	0 45	4 25	1 13	19 12	2 48	6 25	6 25	16 54	17 28	5 35
T 11	8 12	11 57	1n 7	2 56	2 20	7 17	0 38	16 47	3 4	6 13	1 17	17 45	1 59	6 56	0 45	4 25	1 13	19 12	2 48	6 25	6 24	16 51	17 28	5 35
W12	8 34	17 15	2 14	2 23	2 22	6 52	0 41	16 42	3 1	6 15	1 17	17 47	1 59	6 55	0 45	4 26	1 13	19 12	2 48	6 25	6 23	16 48	17 29	5 35
T 13	8 56	21 51	3 15	1 48	2 24	6 28	0 44	16 38	2 59	6 17	1 17	17 48	1 59	6 54	0 45	4 27	1 13	19 12	2 48	6 24	6 22	16 45	17 29	5 35
F 14	9 18	25 27	4 6	1 13	2 25	6 3	0 47	16 33	2 57	6 19	1 17	17 50	1 59	6 53	0 45	4 28	1 13	19 13	2 48	6 24	6 21	16 42	17 30	5 34
S 15	9 39	27 43	4 46	0 37	2 26	5 38	0 50	16 28	2 55	6 21	1 17	17 52	1 59	6 52	0 45	4 29	1 13	19 13	2 48	6 24	6 19	16 40	17 30	5 34
S 16	10 1	28 23	5 10	0n 0	2 26	5 12	0 53	16 23	2 52	6 22	1 16	17 53	1 58	6 51	0 45	4 30	1 13	19 13	2 48	6 23	6 18	16 37	17 31	5 34
M17	10 22	27 17	5 16	0 38	2 26	4 47	0 56	16 18	2 50	6 24	1 16	17 55	1 58	6 50	0 45	4 31	1 13	19 13	2 48	6 23	6 17	16 34	17 31	5 34
T 18	10 43	24 29	5 5	1 17	2 26	4 21	0 58	16 12	2 48	6 26	1 16	17 56	1 58	6 49	0 45	4 31	1 13	19 13	2 48	6 23	6 16	16 31	17 31	5 33
W19	11 4	20 9	4 34	1 57	2 25	3 56	1 1	16 6	2 46	6 27	1 16	17 58	1 58	6 48	0 45	4 32	1 13	19 13	2 48	6 23	6 15	16 28	17 32	5 33
T 20	11 25	14 38	3 46	2 37	2 23	3 30	1 4	16 1	2 44	6 29	1 16	18 0	1 58	6 47	0 45	4 33	1 13	19 13	2 48	6 24	6 13	16 26	17 32	5 33
F 21	11 46	8 16	2 44	3 18	2 21	3 4	1 6	15 55	2 42	6 30	1 16	18 1	1 58	6 46	0 45	4 34	1 13	19 13	2 48	6 24	6 12	16 23	17 33	5 33
S 22	12 6	1 27	1 30	4 0	2 19	2 38	1 9	15 49	2 40	6 31	1 16	18 3	1 58	6 45	0 45	4 35	1 13	19 13	2 48	6 24	6 11	16 20	17 33	5 32
S 23	12 26	5s24	0 12	4 43	2 16	2 11	1 11	15 42	2 37	6 33	1 16	18 4	1 57	6 44	0 45	4 36	1 13	19 13	2 48	6 25	6 10	16 17	17 33	5 32
M24	12 46	11 56	1s 7	5 26	2 12	1 45	1 13	15 36	2 35	6 34	1 15	18 6	1 57	6 43	0 45	4 36	1 13	19 13	2 48	6 24	6 8	16 14	17 34	5 32
T 25	13 6	17 45	2 20	6 10	2 9	1 18	1 15	15 29	2 33	6 35	1 15	18 8	1 57	6 42	0 45	4 37	1 13	19 13	2 48	6 24	6 7	16 11	17 34	5 32
W26	13 25	22 31	3 23	6 54	2 4	0 52	1 17	15 22	2 31	6 36	1 15	18 9	1 57	6 41	0 45	4 38	1 13	19 13	2 48	6 23	6 6	16 9	17 35	5 32
T 27	13 45	25 58	4 13	7 39	1 59	0 25	1 19	15 16	2 29	6 37	1 15	18 11	1 57	6 40	0 45	4 39	1 13	19 13	2 48	6 22	6 5	16 6	17 35	5 31
F 28	14 4	27 55	4 49	8 24	1 54	0n 2	1 21	15 8	2 27	6 38	1 15	18 13	1 57	6 39	0 45	4 40	1 13	19 13	2 48	6 21	6 4	16 3	17 35	5 31
S 29	14 23	28 19	5 9	9 10	1 48	0 28	1 23	15 1	2 26	6 39	1 15	18 14	1 57	6 38	0 45	4 40	1 13	19 13	2 48	6 20	6 2	16 0	17 36	5 31
S 30	14n41	27s16	5s14	9n56	1s42	0n55	1s25	14n54	2n24	6n40	1n15	18n16	1s57	6s37	0s46	4n41	1s13	19n13	2n48	6n19	6n 1	15s57	17n36	5s31

Julian Day Number = 2881890.5, Delta T = 01h15m54s
Ecliptic obliquity = 23°17'22, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°14'28, Lahiri = 40°21'28

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ASTRODIENST EPHEMERIS for the year 3178
geocentric

MAY 3178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 36 6	10♉52'15	0♒15	2♉18	6♈50	26♌39	15°R54	0♊48	14♓55	14♈53	13♌58	16°R 7	15♈20	27♒22	23♊ 6	M 1
T 2	14 40 3	11°51'09	12°13	4°16	8° 2	26°56	15♍52	0°56	14°57	14°55	13°58	16°D 6	15°16	27°29	23°10	T 2
W 3	14 43 59	12°50'01	24° 5	6°16	9°14	27°14	15°50	1° 3	15° 0	14°57	13°58	16♈ 7	15°13	27°35	23°13	W 3
T 4	14 47 56	13°48'51	5♓56	8°17	10°27	27°32	15°49	1°10	15° 2	14°59	13°58	16° 8	15°10	27°42	23°17	T 4
F 5	14 51 52	14°47'39	17°50	10°19	11°39	27°50	15°47	1°18	15° 4	15° 1	13°59	16°10	15° 7	27°49	23°21	F 5
S 6	14 55 49	15°46'25	29°51	12°22	12°51	28° 9	15°46	1°25	15° 6	15° 3	13°59	16°12	15° 4	27°55	23°25	S 6
S 7	14 59 46	16°45'10	12♈ 4	14°27	14° 4	28°28	15°45	1°33	15° 8	15° 5	13°59	16°R13	15° 1	28° 2	23°29	S 7
M 8	15 3 42	17°43'53	24°32	16°33	15°16	28°47	15°44	1°40	15°10	15° 7	13°59	16°12	14°57	28° 9	23°33	M 8
T 9	15 7 39	18°42'35	7♉17	18°39	16°29	29° 7	15°43	1°48	15°12	15° 9	14° 0	16°11	14°54	28°15	23°37	T 9
W10	15 11 35	19°41'14	20°20	20°46	17°41	29°27	15°43	1°55	15°14	15°11	14° 0	16° 7	14°51	28°22	23°41	W10
T 11	15 15 32	20°39'52	3♊39	22°54	18°54	29°48	15°43	2° 3	15°16	15°13	14° 0	16° 3	14°48	28°29	23°45	T 11
F 12	15 19 28	21°38'28	17°14	25° 3	20° 6	0♍ 9	15°D42	2°11	15°18	15°15	14° 1	15°57	14°45	28°36	23°49	F 12
S 13	15 23 25	22°37'02	1♋ 2	27°11	21°19	0°30	15°42	2°18	15°20	15°17	14° 1	15°51	14°42	28°42	23°53	S 13
S 14	15 27 21	23°35'34	15° 0	29°19	22°31	0°52	15°43	2°26	15°21	15°19	14° 2	15°46	14°38	28°49	23°58	S 14
M15	15 31 18	24°34'03	29° 5	1♊27	23°44	1°14	15°43	2°34	15°23	15°21	14° 2	15°42	14°35	28°56	24° 2	M15
T 16	15 35 15	25°32'31	13♌14	3°34	24°56	1°36	15°44	2°41	15°25	15°22	14° 2	15°40	14°32	29° 2	24° 6	T 16
W17	15 39 11	26°30'57	27°24	5°40	26° 9	1°58	15°45	2°49	15°27	15°24	14° 3	15°D39	14°29	29° 9	24°10	W17
T 18	15 43 8	27°29'20	11♍34	7°44	27°21	2°21	15°46	2°56	15°28	15°26	14° 3	15°40	14°26	29°16	24°15	T 18
F 19	15 47 4	28°27'41	25°42	9°47	28°34	2°44	15°47	3° 4	15°30	15°28	14° 4	15°41	14°22	29°22	24°19	F 19
S 20	15 51 1	29°26'00	9♎47	11°48	29°46	3° 7	15°48	3°12	15°31	15°30	14° 5	15°R42	14°19	29°29	24°23	S 20
S 21	15 54 57	0♊24'18	23°46	13°46	0♉59	3°31	15°50	3°19	15°33	15°31	14° 5	15°42	14°16	29°36	24°28	S 21
M22	15 58 54	1°22'33	7♏37	15°42	2°11	3°55	15°51	3°27	15°34	15°33	14° 6	15°40	14°13	29°42	24°32	M22
T 23	16 2 50	2°20'46	21°18	17°36	3°24	4°19	15°53	3°35	15°35	15°35	14° 6	15°36	14°10	29°49	24°36	T 23
W24	16 6 47	3°18'58	4♐46	19°26	4°37	4°43	15°55	3°42	15°37	15°37	14° 7	15°29	14° 7	29°56	24°41	W24
T 25	16 10 44	4°17'09	17°59	21°13	5°49	5° 8	15°58	3°50	15°38	15°38	14° 8	15°22	14° 3	0♓ 2	24°45	T 25
F 26	16 14 40	5°15'17	0♑56	22°57	7° 2	5°33	16° 0	3°58	15°39	15°40	14° 9	15°13	14° 0	0° 9	24°50	F 26
S 27	16 18 37	6°13'24	13°35	24°38	8°15	5°58	16° 3	4° 6	15°41	15°41	14° 9	15° 4	13°57	0°16	24°54	S 27
S 28	16 22 33	7°11'30	25°58	26°15	9°27	6°24	16° 5	4°13	15°42	15°43	14°10	14°56	13°54	0°23	24°59	S 28
M29	16 26 30	8° 9'34	8♒ 7	27°48	10°40	6°49	16° 8	4°21	15°43	15°45	14°11	14°50	13°51	0°29	25° 3	M29
T 30	16 30 26	9° 7'37	20° 6	29°18	11°53	7°15	16°11	4°29	15°44	15°46	14°12	14°46	13°48	0°36	25° 8	T 30
W31	16 34 23	10♊ 5'39	1♓58	0♋44	13♉ 5	7♍41	16♍15	4♊36	15♓45	15♈48	14♌12	14♈44	13♈44	0♓43	25♊12	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n 0	24s56	5s 5	10n43	1s35	1n22	1s27	14n46	2n22	6n40	1n14	18n17	1s56	6s36	0s46	4n42	1s13	19n13	2n48	6n18	6n 0	15s54	17n36	5s31
T 2	15 18	21 33	4 43	11 29	1 27	1 49	1 28	14 39	2 20	6 41	1 14	18 19	1 56	6 36	0 46	4 43	1 13	19 13	2 48	6 18	5 59	15 51	17 37	5 30
W 3	15 36	17 19	4 8	12 16	1 20	2 16	1 30	14 31	2 18	6 42	1 14	18 21	1 56	6 35	0 46	4 44	1 13	19 13	2 48	6 18	5 58	15 48	17 37	5 30
T 4	15 53	12 26	3 23	13 3	1 12	2 42	1 31	14 23	2 16	6 42	1 14	18 22	1 56	6 34	0 46	4 44	1 13	19 13	2 48	6 19	5 56	15 46	17 38	5 30
F 5	16 10	7 5	2 29	13 49	1 3	3 9	1 33	14 15	2 14	6 42	1 14	18 24	1 56	6 33	0 46	4 45	1 13	19 13	2 48	6 19	5 55	15 43	17 38	5 30
S 6	16 28	1 25	1 28	14 36	0 54	3 36	1 34	14 7	2 12	6 43	1 14	18 25	1 56	6 32	0 46	4 46	1 13	19 13	2 48	6 20	5 54	15 40	17 38	5 30
S 7	16 44	4n24	0 23	15 22	0 45	4 3	1 35	13 59	2 11	6 43	1 14	18 27	1 56	6 32	0 46	4 47	1 13	19 13	2 48	6 20	5 53	15 37	17 39	5 30
M 8	17 1	10 9	0n45	16 7	0 35	4 29	1 37	13 50	2 9	6 43	1 13	18 29	1 56	6 31	0 46	4 47	1 13	19 13	2 48	6 20	5 51	15 34	17 39	5 29
T 9	17 17	15 38	1 53	16 52	0 25	4 56	1 38	13 42	2 7	6 43	1 13	18 30	1 56	6 30	0 46	4 48	1 13	19 12	2 48	6 19	5 50	15 31	17 39	5 29
W10	17 33	20 32	2 55	17 36	0 15	5 23	1 39	13 33	2 5	6 43	1 13	18 32	1 56	6 29	0 46	4 49	1 13	19 12	2 48	6 18	5 49	15 28	17 40	5 29
T 11	17 48	24 31	3 50	18 19	0 4	5 49	1 39	13 24	2 4	6 43	1 13	18 33	1 56	6 29	0 46	4 50	1 13	19 12	2 48	6 16	5 48	15 25	17 40	5 29
F 12	18 4	27 12	4 33	19 1	0n 6	6 16	1 40	13 15	2 2	6 43	1 13	18 35	1 55	6 28	0 46	4 50	1 13	19 12	2 48	6 14	5 47	15 22	17 40	5 29
S 13	18 19	28 17	5 0	19 41	0 17	6 42	1 41	13 6	2 0	6 43	1 13	18 36	1 55	6 27	0 46	4 51	1 14	19 12	2 48	6 12	5 45	15 20	17 41	5 29
S 14	18 33	27 35	5 10	20 20	0 28	7 8	1 42	12 57	1 59	6 43	1 12	18 38	1 55	6 27	0 46	4 52	1 14	19 12	2 48	6 10	5 44	15 17	17 41	5 29
M15	18 48	25 8	5 2	20 57	0 38	7 34	1 42	12 48	1 57	6 42	1 12	18 39	1 55	6 26	0 46	4 52	1 14	19 12	2 48	6 8	5 43	15 14	17 41	5 29
T 16	19 2	21 8	4 35	21 32	0 49	8 0	1 43	12 38	1 55	6 42	1 12	18 41	1 55	6 25	0 46	4 53	1 14	19 12	2 48	6 8	5 42	15 11	17 41	5 28
W17	19 15	15 56	3 52	22 5	0 59	8 26	1 43	12 29	1 54	6 42	1 12	18 42	1 55	6 25	0 46	4 54	1 14	19 11	2 48	6 7	5 40	15 8	17 42	5 28
T 18	19 29	9 52	2 54	22 36	1 9	8 51	1 44	12 19	1 52	6 41	1 12	18 44	1 55	6 24	0 46	4 54	1 14	19 11	2 48	6 8	5 39	15 5	17 42	5 28
F 19	19 42	3 19	1 46	23 4	1 18	9 17	1 44	12 9	1 51	6 40	1 12	18 46	1 55	6 24	0 46	4 55	1 14	19 11	2 48	6 8	5 38	15 2	17 42	5 28
S 20	19 54	3s22	0 32	23 30	1 28	9 42	1 44	12 0	1 49	6 40	1 11	18 47	1 55	6 23	0 46	4 56	1 14	19 11	2 48	6 8	5 37	14 59	17 43	5 28
S 21	20 6	9 50	0s44	23 54	1 36	10 7	1 44	11 50	1 48	6 39	1 11	18 49	1 55	6 23	0 46	4 56	1 14	19 11	2 48	6 8	5 36	14 56	17 43	5 28
M22	20 18	15 47	1 56	24 15	1 44	10 32	1 44	11 40	1 46	6 38	1 11	18 50	1 55	6 22	0 46	4 57	1 14	19 11	2 48	6 8	5 34	14 53	17 43	5 28
T 23	20 30	20 52	3 0	24 34	1 51	10 56	1 44	11 29	1 45	6 37	1 11	18 51	1 55	6 22	0 46	4 58	1 14	19 10	2 48	6 6	5 33	14 50	17 43	5 28
W24	20 41	24 47	3 53	24 50	1 58	11 21	1 44	11 19	1 43	6 36	1 11	18 53	1 55	6 21	0 46	4 58	1 14	19 10	2 48	6 4	5 32	14 47	17 44	5 28
T 25	20 52	27 17	4 33	25 4	2 4	11 45	1 44	11 9	1 42	6 35	1 11	18 54	1 55	6 21	0 46	4 59	1 14	19 10	2 48	6 1	5 31	14 44	17 44	5 28
F 26	21 3	28 14	4 57	25 15	2 9	12 9	1 43	10 58	1 40	6 34	1 10	18 56	1 55	6 20	0 46	4 59	1 14	19 10	2 48	5 57	5 29	14 41	17 44	5 28
S 27	21 13	27 41	5 6	25 24	2 13	12 32	1 43	10 48	1 39	6 33	1 10	18 57	1 55	6 20	0 47	5 0	1 14	19 10	2 48	5 54	5 28	14 38	17 44	5 27
S 28	21 22	25 45	5 1	25 31	2 17	12 56	1 43	10 37	1 37	6 32	1 10	18 59	1 55	6 19	0 47	5 0	1 14	19 9	2 48	5 51	5 27	14 35	17 44	5 27
M29	21 32	22 39	4 42	25 36	2 19	13 19	1 42	10 26	1 36	6 31	1 10	19 0	1 55	6 19	0 47	5 1	1 14	19 9	2 48	5 49	5 26	14 32	17 45	5 27
T 30	21 41	18 39	4 11	25 38	2 21	13 41	1 42	10 15	1 34	6 29	1 10	19 2	1 55	6 19	0 47	5 2	1 14	19 9	2 48	5 47	5 25	14 30	17 45	5 27
W31	21n49	13s58	3s29	25n39	2n22	14n 4	1s41	10n 4	1n33	6n28	1n10	19n 3	1s54	6s18	0s47	5n 2	1s14	19n 9	2n48	5n46	5n23	14s27	17n45	5s27

Julian Day Number = 2881920.5, Delta T = 01h15m54s
Ecliptic obliquity = 23°17'22, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°14'32, Lahiri = 40°21'32

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ASTRODIENST EPHEMERIS for the year 3178
geocentric

JUNE 3178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 20	11♊ 3'39	13♓48	2♋ 6	14♉18	8♍ 7	16♍18	4♊44	15♓46	15♈49	14♌13	14°D44	13♈41	0♓49	25♊17	T 1
F 2	16 42 16	12° 1'38	25°42	3°24	15°31	8°34	16°22	4°51	15°47	15°51	14°14	14♈44	13°38	0°56	25°22	F 2
S 3	16 46 13	12°59'36	7♈45	4°39	16°44	9° 1	16°26	4°59	15°48	15°52	14°15	14°45	13°35	1° 3	25°26	S 3
S 4	16 50 9	13°57'32	20° 1	5°49	17°56	9°28	16°30	5° 7	15°48	15°53	14°16	14°R45	13°32	1° 9	25°31	S 4
M 5	16 54 6	14°55'27	2♉35	6°56	19° 9	9°55	16°34	5°14	15°49	15°55	14°17	14°44	13°28	1°16	25°35	M 5
T 6	16 58 2	15°53'21	15°31	7°58	20°22	10°22	16°38	5°22	15°50	15°56	14°18	14°40	13°25	1°23	25°40	T 6
W 7	17 1 59	16°51'14	28°49	8°56	21°35	10°50	16°42	5°30	15°50	15°58	14°19	14°34	13°22	1°29	25°45	W 7
T 8	17 5 55	17°49'06	12♊30	9°50	22°47	11°17	16°47	5°37	15°51	15°59	14°20	14°25	13°19	1°36	25°49	T 8
F 9	17 9 52	18°46'56	26°30	10°39	24° 0	11°45	16°52	5°45	15°52	16° 0	14°21	14°15	13°16	1°43	25°54	F 9
S 10	17 13 49	19°44'45	10♋46	11°25	25°13	12°14	16°57	5°52	15°52	16° 1	14°22	14° 5	13°13	1°49	25°59	S 10
S 11	17 17 45	20°42'33	25°10	12° 5	26°26	12°42	17° 2	6° 0	15°53	16° 3	14°23	13°56	13° 9	1°56	26° 3	S 11
M12	17 21 42	21°40'19	9♌38	12°42	27°39	13°10	17° 7	6° 7	15°53	16° 4	14°24	13°48	13° 6	2° 3	26° 8	M12
T 13	17 25 38	22°38'03	24° 4	13°13	28°52	13°39	17°12	6°15	15°53	16° 5	14°25	13°43	13° 3	2° 9	26°13	T 13
W14	17 29 35	23°35'46	8♍23	13°40	0♊ 4	14° 8	17°18	6°22	15°54	16° 6	14°26	13°40	13° 0	2°16	26°18	W14
T 15	17 33 31	24°33'27	22°33	14° 3	1°17	14°37	17°24	6°30	15°54	16° 7	14°27	13°D39	12°57	2°23	26°22	T 15
F 16	17 37 28	25°31'07	6♎32	14°20	2°30	15° 6	17°29	6°37	15°54	16° 8	14°29	13°R39	12°54	2°29	26°27	F 16
S 17	17 41 24	26°28'46	20°21	14°33	3°43	15°36	17°35	6°45	15°54	16° 9	14°30	13°39	12°50	2°36	26°32	S 17
S 18	17 45 21	27°26'22	3♏59	14°41	4°56	16° 5	17°41	6°52	15°55	16°10	14°31	13°38	12°47	2°43	26°36	S 18
M19	17 49 18	28°23'58	17°26	14°R45	6° 9	16°35	17°48	6°59	15°55	16°11	14°32	13°34	12°44	2°49	26°41	M19
T 20	17 53 14	29°21'33	0♐43	14°44	7°22	17° 5	17°54	7° 7	15°R55	16°12	14°33	13°28	12°41	2°56	26°46	T 20
W21	17 57 11	0♋19'06	13°49	14°39	8°35	17°35	18° 1	7°14	15°55	16°13	14°35	13°18	12°38	3° 3	26°50	W21
T 22	18 1 7	1°16'38	26°43	14°29	9°48	18° 5	18° 7	7°21	15°55	16°14	14°36	13° 7	12°34	3°10	26°55	T 22
F 23	18 5 4	2°14'09	9♑24	14°15	11° 1	18°35	18°14	7°28	15°54	16°15	14°37	12°54	12°31	3°16	27° 0	F 23
S 24	18 9 0	3°11'39	21°53	13°57	12°13	19° 5	18°21	7°36	15°54	16°16	14°38	12°41	12°28	3°23	27° 5	S 24
S 25	18 12 57	4° 9'09	4♒ 8	13°36	13°26	19°36	18°28	7°43	15°54	16°17	14°40	12°30	12°25	3°30	27° 9	S 25
M26	18 16 54	5° 6'37	16°13	13°11	14°39	20° 7	18°35	7°50	15°54	16°17	14°41	12°20	12°22	3°36	27°14	M26
T 27	18 20 50	6° 4'05	28° 8	12°44	15°52	20°38	18°43	7°57	15°53	16°18	14°42	12°12	12°19	3°43	27°19	T 27
W28	18 24 47	7° 1'32	9♓59	12°14	17° 5	21° 9	18°50	8° 4	15°53	16°19	14°44	12° 8	12°15	3°50	27°23	W28
T 29	18 28 43	7°58'58	21°48	11°42	18°18	21°40	18°58	8°11	15°53	16°20	14°45	12° 5	12°12	3°56	27°28	T 29
F 30	18 32 40	8♋56'24	3♈40	11♋ 9	19♊31	22♍11	19♍ 5	8♊18	15♓52	16♈20	14♌46	12♈ 5	12♈ 9	4♓ 3	27♊33	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n58	8s46	2s38	25n38	2n22	14n26	1s40	9n53	1n32	6n26	1n 9	19n 4	1s54	6s18	0s47	5n 3	1s14	19n 8	2n48	5n46	5n22	14s24	17n45	5s27
F 2	22 5	3 14	1 40	25 35	2 21	14 48	1 39	9 42	1 30	6 25	1 9	19 6	1 54	6 18	0 47	5 3	1 14	19 8	2 48	5 46	5 21	14 21	17 45	5 27
S 3	22 13	2n29	0 38	25 31	2 19	15 9	1 39	9 31	1 29	6 23	1 9	19 7	1 54	6 17	0 47	5 4	1 14	19 8	2 48	5 47	5 20	14 18	17 46	5 27
S 4	22 20	8 13	0n28	25 25	2 16	15 30	1 38	9 20	1 28	6 22	1 9	19 8	1 54	6 17	0 47	5 4	1 14	19 8	2 48	5 47	5 18	14 15	17 46	5 27
M 5	22 27	13 46	1 34	25 18	2 12	15 51	1 37	9 8	1 26	6 20	1 9	19 10	1 54	6 17	0 47	5 5	1 14	19 7	2 48	5 46	5 17	14 12	17 46	5 27
T 6	22 33	18 53	2 37	25 10	2 7	16 11	1 36	8 57	1 25	6 18	1 9	19 11	1 54	6 17	0 47	5 5	1 14	19 7	2 48	5 45	5 16	14 9	17 46	5 27
W 7	22 39	23 14	3 32	25 1	2 1	16 31	1 34	8 45	1 24	6 16	1 8	19 13	1 54	6 16	0 47	5 6	1 14	19 7	2 48	5 42	5 15	14 6	17 46	5 27
T 8	22 44	26 25	4 18	24 50	1 55	16 51	1 33	8 33	1 22	6 14	1 8	19 14	1 54	6 16	0 47	5 6	1 14	19 7	2 48	5 39	5 13	14 3	17 46	5 27
F 9	22 49	28 3	4 49	24 39	1 47	17 10	1 32	8 22	1 21	6 12	1 8	19 15	1 54	6 16	0 47	5 7	1 15	19 6	2 48	5 35	5 12	14 0	17 46	5 27
S 10	22 54	27 53	5 2	24 26	1 39	17 29	1 31	8 10	1 20	6 10	1 8	19 16	1 54	6 16	0 47	5 7	1 15	19 6	2 48	5 31	5 11	13 57	17 47	5 27
S 11	22 58	25 50	4 57	24 13	1 29	17 47	1 29	7 58	1 19	6 8	1 8	19 18	1 54	6 16	0 47	5 7	1 15	19 6	2 48	5 28	5 10	13 54	17 47	5 27
M12	23 2	22 6	4 33	24 0	1 19	18 5	1 28	7 46	1 17	6 6	1 8	19 19	1 54	6 15	0 47	5 8	1 15	19 5	2 48	5 25	5 9	13 51	17 47	5 27
T 13	23 5	17 3	3 51	23 45	1 7	18 22	1 26	7 34	1 16	6 4	1 8	19 20	1 54	6 15	0 47	5 8	1 15	19 5	2 48	5 23	5 7	13 48	17 47	5 27
W14	23 8	11 6	2 56	23 31	0 55	18 39	1 25	7 21	1 15	6 1	1 7	19 21	1 54	6 15	0 47	5 9	1 15	19 5	2 48	5 22	5 6	13 44	17 47	5 27
T 15	23 11	4 37	1 50	23 15	0 42	18 56	1 23	7 9	1 14	5 59	1 7	19 23	1 54	6 15	0 47	5 9	1 15	19 4	2 48	5 21	5 5	13 41	17 47	5 27
F 16	23 13	2s 0	0 38	23 0	0 29	19 12	1 22	6 57	1 12	5 57	1 7	19 24	1 54	6 15	0 47	5 9	1 15	19 4	2 48	5 21	5 4	13 38	17 47	5 28
S 17	23 15	8 27	0s35	22 44	0 14	19 27	1 20	6 44	1 11	5 54	1 7	19 25	1 54	6 15	0 47	5 10	1 15	19 4	2 48	5 21	5 2	13 35	17 47	5 28
S 18	23 16	14 25	1 46	22 28	0s 1	19 42	1 18	6 32	1 10	5 52	1 7	19 26	1 54	6 15	0 47	5 10	1 15	19 3	2 48	5 21	5 1	13 32	17 47	5 28
M19	23 17	19 38	2 49	22 12	0 17	19 57	1 16	6 19	1 9	5 49	1 7	19 28	1 54	6 15	0 47	5 10	1 15	19 3	2 48	5 19	5 0	13 29	17 47	5 28
T 20	23 17	23 47	3 42	21 56	0 33	20 11	1 15	6 7	1 8	5 46	1 7	19 29	1 54	6 15	0 47	5 11	1 15	19 3	2 48	5 17	4 59	13 26	17 47	5 28
W21	23 17	26 39	4 22	21 40	0 50	20 24	1 13	5 54	1 7	5 44	1 6	19 30	1 54	6 15	0 48	5 11	1 15	19 2	2 48	5 13	4 58	13 23	17 47	5 28
T 22	23 17	28 3	4 48	21 24	1 7	20 37	1 11	5 41	1 5	5 41	1 6	19 31	1 55	6 15	0 48	5 11	1 15	19 2	2 48	5 9	4 56	13 20	17 47	5 28
F 23	23 16	27 57	5 0	21 8	1 25	20 49	1 9	5 29	1 4	5 38	1 6	19 32	1 55	6 15	0 48	5 12	1 15	19 2	2 48	5 4	4 55	13 17	17 47	5 28
S 24	23 15	26 24	4 57	20 52	1 42	21 1	1 7	5 16	1 3	5 35	1 6	19 33	1 55	6 15	0 48	5 12	1 15	19 1	2 48	4 59	4 54	13 14	17 47	5 28
S 25	23 13	23 38	4 40	20 37	1 59	21 12	1 5	5 3	1 2	5 33	1 6	19 34	1 55	6 16	0 48	5 12	1 15	19 1	2 48	4 54	4 53	13 11	17 47	5 28
M26	23 11	19 51	4 10	20 23	2 17	21 22	1 3	4 50	1 1	5 30	1 6	19 35	1 55	6 16	0 48	5 12	1 15	19 1	2 48	4 51	4 51	13 8	17 47	5 28
T 27	23 9	15 20	3 30	20 8	2 33	21 32	1 1	4 37	1 0	5 27	1 6	19 37	1 55	6 16	0 48	5 13	1 15	19 0	2 48	4 48	4 50	13 5	17 47	5 28
W28	23 6	10 16	2 41	19 55	2 50	21 42	0 58	4 23	0 59	5 24	1 5	19 38	1 55	6 16	0 48	5 13	1 15	19 0	2 48	4 46	4 49	13 2	17 47	5 29
T 29	23 3	4 51	1 45	19 42	3 5	21 51	0 56	4 10	0 58	5 21	1 5	19 39	1 55	6 16	0 48	5 13	1 15	18 59	2 48	4 45	4 48	12 59	17 47	5 29
F 30	22n59	0n46	0s44	19n30	3s20	21n59	0s54	3n57	0n57	5n17	1n 5	19n40	1s55	6s16	0s48	5n13	1s16	18n59	2n48	4n45	4n46	12s56	17n47	5s29

Julian Day Number = 2881951.5, Delta T = 01h15m55s
Ecliptic obliquity = 23°17'21, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°14'36, Lahiri = 40°21'36

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ASTRODIENST EPHEMERIS for the year 3178
geocentric

JULY 3178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 36 36	9♋53'49	15♈42	10°R36	20♊44	22♍42	19♍13	8♊25	15°R52	16♈21	14♌48	12°R 5	12♈ 6	4♓10	27♊37	S 1
S 2	18 40 33	10°51'14	27°58	10♋ 2	21°58	23°14	19°21	8°32	15♓51	16°21	14°49	12♈ 4	12° 3	4°16	27°42	S 2
M 3	18 44 29	11°48'38	10♉34	9°29	23°11	23°46	19°29	8°39	15°51	16°22	14°51	12° 2	12° 0	4°23	27°47	M 3
T 4	18 48 26	12°46'02	23°33	8°56	24°24	24°17	19°37	8°46	15°50	16°23	14°52	11°58	11°56	4°30	27°51	T 4
W 5	18 52 23	13°43'26	6♊59	8°26	25°37	24°49	19°46	8°52	15°49	16°23	14°53	11°51	11°53	4°36	27°56	W 5
T 6	18 56 19	14°40'49	20°52	7°57	26°50	25°21	19°54	8°59	15°49	16°23	14°55	11°42	11°50	4°43	28° 0	T 6
F 7	19 0 16	15°38'12	5♋ 9	7°31	28° 3	25°53	20° 3	9° 6	15°48	16°24	14°56	11°31	11°47	4°50	28° 5	F 7
S 8	19 4 12	16°35'34	19°46	7° 7	29°16	26°26	20°11	9°13	15°47	16°24	14°58	11°20	11°44	4°56	28° 9	S 8
S 9	19 8 9	17°32'56	4♌35	6°48	0♋29	26°58	20°20	9°19	15°46	16°25	14°59	11° 9	11°40	5° 3	28°14	S 9
M10	19 12 5	18°30'17	19°27	6°32	1°43	27°31	20°29	9°26	15°45	16°25	15° 1	11° 1	11°37	5°10	28°19	M10
T 11	19 16 2	19°27'37	4♍14	6°19	2°56	28° 3	20°38	9°32	15°44	16°25	15° 2	10°54	11°34	5°16	28°23	T 11
W12	19 19 58	20°24'57	18°50	6°12	4° 9	28°36	20°47	9°39	15°43	16°26	15° 4	10°51	11°31	5°23	28°28	W12
T 13	19 23 55	21°22'15	3♎10	6°D 8	5°22	29° 9	20°56	9°45	15°42	16°26	15° 5	10°50	11°28	5°30	28°32	T 13
F 14	19 27 52	22°19'34	17°12	6° 9	6°35	29°42	21° 5	9°52	15°41	16°26	15° 7	10°50	11°25	5°36	28°36	F 14
S 15	19 31 48	23°16'51	0♏56	6°15	7°49	0♎15	21°15	9°58	15°40	16°26	15° 8	10°49	11°21	5°43	28°41	S 15
S 16	19 35 45	24°14'08	14°24	6°26	9° 2	0°48	21°24	10° 4	15°39	16°26	15°10	10°48	11°18	5°50	28°45	S 16
M17	19 39 41	25°11'24	27°36	6°41	10°15	1°22	21°34	10°10	15°37	16°26	15°12	10°45	11°15	5°56	28°50	M17
T 18	19 43 38	26° 8'40	10♐35	7° 1	11°28	1°55	21°43	10°17	15°36	16°26	15°13	10°38	11°12	6° 3	28°54	T 18
W19	19 47 34	27° 5'56	23°22	7°26	12°42	2°28	21°53	10°23	15°35	16°R26	15°15	10°30	11° 9	6°10	28°58	W19
T 20	19 51 31	28° 3'11	5♑57	7°56	13°55	3° 2	22° 3	10°29	15°34	16°26	15°16	10°19	11° 6	6°16	29° 3	T 20
F 21	19 55 28	29° 0'26	18°22	8°31	15° 8	3°36	22°13	10°35	15°32	16°26	15°18	10° 7	11° 2	6°23	29° 7	F 21
S 22	19 59 24	29°57'41	0♒37	9°10	16°22	4°10	22°23	10°41	15°31	16°26	15°20	9°54	10°59	6°30	29°11	S 22
S 23	20 3 21	0♌54'55	12°42	9°54	17°35	4°44	22°33	10°46	15°29	16°26	15°21	9°43	10°56	6°36	29°15	S 23
M24	20 7 17	1°52'10	24°40	10°43	18°49	5°18	22°43	10°52	15°28	16°26	15°23	9°33	10°53	6°43	29°20	M24
T 25	20 11 14	2°49'24	6♓32	11°37	20° 2	5°52	22°53	10°58	15°26	16°26	15°24	9°26	10°50	6°50	29°24	T 25
W26	20 15 10	3°46'39	18°20	12°34	21°15	6°26	23° 4	11° 4	15°25	16°26	15°26	9°22	10°46	6°56	29°28	W26
T 27	20 19 7	4°43'53	0♈ 8	13°37	22°29	7° 0	23°14	11° 9	15°23	16°26	15°28	9°20	10°43	7° 3	29°32	T 27
F 28	20 23 3	5°41'08	12° 0	14°43	23°42	7°35	23°25	11°15	15°21	16°25	15°29	9°D19	10°40	7°10	29°36	F 28
S 29	20 27 0	6°38'24	24° 1	15°54	24°56	8° 9	23°35	11°20	15°20	16°25	15°31	9°20	10°37	7°16	29°40	S 29
S 30	20 30 56	7°35'40	6♉16	17°10	26° 9	8°44	23°46	11°26	15°18	16°25	15°32	9°R20	10°34	7°23	29°44	S 30
M31	20 34 53	8♌32'56	18♉50	18♋29	27♋23	9♎18	23♍57	11♊31	15♓16	16♈24	15♌34	9♈20	10♈31	7♓30	29♊48	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n55	6n26	0n19	19n19	3s34	22n 6	0s52	3n44	0n56	5n14	1n 5	19n41	1s55	6s17	0s48	5n14	1s16	18n59	2n48	4n45	4n45	12s53	17n47	5s29
S 2	22 51	11 59	1 23	19 8	3 47	22 13	0 49	3 30	0 54	5 11	1 5	19 42	1 55	6 17	0 48	5 14	1 16	18 58	2 48	4 45	4 44	12 49	17 47	5 29
M 3	22 46	17 11	2 25	18 59	3 59	22 20	0 47	3 17	0 53	5 8	1 5	19 43	1 55	6 17	0 48	5 14	1 16	18 58	2 48	4 44	4 43	12 46	17 47	5 29
T 4	22 41	21 47	3 21	18 51	4 9	22 26	0 45	3 3	0 52	5 5	1 5	19 44	1 55	6 18	0 48	5 14	1 16	18 58	2 48	4 42	4 42	12 43	17 47	5 29
W 5	22 35	25 24	4 7	18 44	4 18	22 31	0 42	2 50	0 51	5 1	1 4	19 45	1 55	6 18	0 48	5 14	1 16	18 57	2 49	4 40	4 40	12 40	17 47	5 30
T 6	22 29	27 39	4 41	18 38	4 26	22 35	0 40	2 36	0 50	4 58	1 4	19 46	1 55	6 18	0 48	5 14	1 16	18 57	2 49	4 36	4 39	12 37	17 47	5 30
F 7	22 23	28 10	4 59	18 33	4 32	22 39	0 38	2 23	0 49	4 54	1 4	19 47	1 55	6 18	0 48	5 14	1 16	18 56	2 49	4 32	4 38	12 34	17 47	5 30
S 8	22 16	26 45	4 57	18 30	4 37	22 42	0 35	2 9	0 48	4 51	1 4	19 48	1 55	6 19	0 48	5 15	1 16	18 56	2 49	4 27	4 37	12 31	17 47	5 30
S 9	22 9	23 28	4 36	18 27	4 40	22 44	0 33	1 55	0 47	4 47	1 4	19 48	1 55	6 19	0 48	5 15	1 16	18 55	2 49	4 23	4 35	12 28	17 46	5 30
M10	22 1	18 38	3 56	18 26	4 42	22 46	0 30	1 42	0 46	4 44	1 4	19 49	1 55	6 20	0 48	5 15	1 16	18 55	2 49	4 20	4 34	12 25	17 46	5 30
T 11	21 53	12 42	3 1	18 27	4 42	22 48	0 28	1 28	0 45	4 40	1 4	19 50	1 56	6 20	0 48	5 15	1 16	18 55	2 49	4 17	4 33	12 22	17 46	5 31
W12	21 45	6 8	1 54	18 28	4 41	22 48	0 25	1 14	0 44	4 37	1 4	19 51	1 56	6 20	0 48	5 15	1 16	18 54	2 49	4 16	4 32	12 18	17 46	5 31
T 13	21 36	0s38	0 40	18 30	4 39	22 48	0 23	1 0	0 43	4 33	1 4	19 52	1 56	6 21	0 48	5 15	1 16	18 54	2 49	4 16	4 30	12 15	17 46	5 31
F 14	21 27	7 14	0s34	18 34	4 35	22 47	0 20	0 46	0 42	4 29	1 3	19 53	1 56	6 21	0 48	5 15	1 16	18 53	2 49	4 16	4 29	12 12	17 46	5 31
S 15	21 18	13 21	1 44	18 38	4 31	22 46	0 18	0 32	0 41	4 25	1 3	19 54	1 56	6 22	0 48	5 15	1 16	18 53	2 49	4 15	4 28	12 9	17 46	5 31
S 16	21 8	18 44	2 48	18 43	4 25	22 44	0 16	0 18	0 41	4 22	1 3	19 54	1 56	6 22	0 48	5 15	1 16	18 53	2 49	4 15	4 27	12 6	17 45	5 32
M17	20 58	23 5	3 41	18 49	4 18	22 41	0 13	0 4	0 40	4 18	1 3	19 55	1 56	6 23	0 49	5 15	1 16	18 52	2 49	4 14	4 25	12 3	17 45	5 32
T 18	20 47	26 12	4 21	18 56	4 11	22 37	0 11	0s10	0 39	4 14	1 3	19 56	1 56	6 23	0 49	5 15	1 16	18 52	2 49	4 11	4 24	12 0	17 45	5 32
W19	20 36	27 55	4 48	19 3	4 2	22 33	0 8	0 24	0 38	4 10	1 3	19 57	1 56	6 24	0 49	5 15	1 16	18 51	2 49	4 8	4 23	11 57	17 45	5 32
T 20	20 25	28 10	5 1	19 11	3 53	22 29	0 6	0 38	0 37	4 6	1 3	19 58	1 56	6 24	0 49	5 15	1 16	18 51	2 49	4 3	4 22	11 53	17 45	5 33
F 21	20 14	26 58	4 58	19 19	3 43	22 23	0 3	0 52	0 36	4 2	1 3	19 58	1 56	6 25	0 49	5 15	1 17	18 50	2 49	3 59	4 21	11 50	17 44	5 33
S 22	20 2	24 29	4 42	19 27	3 32	22 17	0 1	1 7	0 35	3 58	1 3	19 59	1 57	6 25	0 49	5 15	1 17	18 50	2 49	3 54	4 19	11 47	17 44	5 33
S 23	19 50	20 57	4 14	19 35	3 21	22 10	0n 2	1 21	0 34	3 54	1 3	20 0	1 57	6 26	0 49	5 15	1 17	18 50	2 49	3 50	4 18	11 44	17 44	5 33
M24	19 37	16 35	3 34	19 43	3 9	22 3	0 4	1 35	0 33	3 50	1 2	20 0	1 57	6 27	0 49	5 14	1 17	18 49	2 49	3 46	4 17	11 41	17 44	5 34
T 25	19 24	11 37	2 45	19 51	2 57	21 55	0 7	1 49	0 32	3 46	1 2	20 1	1 57	6 27	0 49	5 14	1 17	18 49	2 49	3 43	4 16	11 38	17 43	5 34
W26	19 11	6 16	1 49	19 59	2 44	21 47	0 9	2 4	0 31	3 42	1 2	20 2	1 57	6 28	0 49	5 14	1 17	18 48	2 49	3 41	4 14	11 35	17 43	5 34
T 27	18 58	0 42	0 49	20 6	2 31	21 37	0 12	2 18	0 30	3 37	1 2	20 2	1 57	6 29	0 49	5 14	1 17	18 48	2 49	3 40	4 13	11 31	17 43	5 34
F 28	18 44	4n56	0n14	20 12	2 18	21 27	0 14	2 32	0 30	3 33	1 2	20 3	1 57	6 29	0 49	5 14	1 17	18 47	2 49	3 40	4 12	11 28	17 43	5 35
S 29	18 30	10 28	1 18	20 17	2 4	21 17	0 17	2 46	0 29	3 29	1 2	20 4	1 57	6 30	0 49	5 14	1 17	18 47	2 49	3 41	4 11	11 25	17 42	5 35
S 30	18 15	15 43	2 19	20 22	1 51	21 6	0 19	3 1	0 28	3 25	1 2	20 4	1 57	6 31	0 49	5 14	1 17	18 47	2 50	3 41	4 9	11 22	17 42	5 35
M31	18n 1	20n26	3n15	20n25	1s37	20n54	0n21	3s15	0n27	3n20	1n 2	20n 5	1s57	6s31	0s49	5n13	1s17	18n46	2n50	3n40	4n 8	11s19	17n42	5s36

Julian Day Number = 2881981.5, Delta T = 01h15m56s
Ecliptic obliquity = 23°17'21, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°14'40, Lahiri = 40°21'41

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ASTRODIENST EPHEMERIS for the year 3178
geocentric

AUGUST 3178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 38 50	9♌30'13	1♊47	19♋53	28♋36	9♎53	24♍ 7	11♊36	15°R15	16°R24	15♌36	9°R18	10♈27	7♓36	29♊52	T 1
W 2	20 42 46	10°27'30	15°12	21°21	29°50	10°28	24°18	11°41	15♓13	16♈23	15°37	9♈13	10°24	7°43	29°56	W 2
T 3	20 46 43	11°24'48	29° 6	22°53	1♌ 3	11° 3	24°29	11°47	15°11	16°23	15°39	9° 7	10°21	7°50	29°59	T 3
F 4	20 50 39	12°22'06	13♋28	24°28	2°17	11°38	24°40	11°52	15° 9	16°23	15°41	8°59	10°18	7°56	0♋ 4	F 4
S 5	20 54 36	13°19'25	28°14	26° 8	3°31	12°13	24°51	11°57	15° 7	16°22	15°42	8°50	10°15	8° 3	0° 8	S 5
S 6	20 58 32	14°16'44	13♌16	27°51	4°44	12°48	25° 3	12° 2	15° 5	16°21	15°44	8°42	10°12	8°10	0°11	S 6
M 7	21 2 29	15°14'03	28°24	29°37	5°58	13°24	25°14	12° 6	15° 3	16°21	15°46	8°36	10° 8	8°16	0°15	M 7
T 8	21 6 26	16°11'23	13♍30	1♌27	7°12	13°59	25°25	12°11	15° 1	16°20	15°47	8°31	10° 5	8°23	0°19	T 8
W 9	21 10 22	17° 8'43	28°24	3°20	8°25	14°35	25°37	12°16	14°59	16°20	15°49	8°29	10° 2	8°30	0°22	W 9
T 10	21 14 19	18° 6'03	12♎59	5°15	9°39	15°10	25°48	12°20	14°57	16°19	15°51	8°D29	9°59	8°36	0°26	T 10
F 11	21 18 15	19° 3'23	27°12	7°13	10°53	15°46	25°59	12°25	14°55	16°18	15°52	8°30	9°56	8°43	0°30	F 11
S 12	21 22 12	20° 0'44	11♏ 2	9°13	12° 7	16°22	26°11	12°29	14°53	16°18	15°54	8°31	9°52	8°50	0°33	S 12
S 13	21 26 8	20°58'05	24°30	11°15	13°20	16°58	26°23	12°34	14°51	16°17	15°56	8°R31	9°49	8°56	0°37	S 13
M14	21 30 5	21°55'26	7♐37	13°19	14°34	17°34	26°34	12°38	14°49	16°16	15°57	8°30	9°46	9° 3	0°40	M14
T 15	21 34 1	22°52'47	20°26	15°23	15°48	18°10	26°46	12°42	14°47	16°15	15°59	8°26	9°43	9°10	0°43	T 15
W16	21 37 58	23°50'09	3♑ 0	17°29	17° 2	18°46	26°58	12°46	14°45	16°14	16° 1	8°21	9°40	9°16	0°47	W16
T 17	21 41 55	24°47'32	15°22	19°35	18°16	19°22	27°10	12°50	14°42	16°14	16° 2	8°15	9°37	9°23	0°50	T 17
F 18	21 45 51	25°44'55	27°34	21°41	19°29	19°58	27°22	12°54	14°40	16°13	16° 4	8° 7	9°33	9°30	0°53	F 18
S 19	21 49 48	26°42'18	9♒37	23°48	20°43	20°35	27°33	12°58	14°38	16°12	16° 6	8° 0	9°30	9°36	0°56	S 19
S 20	21 53 44	27°39'42	21°34	25°54	21°57	21°11	27°45	13° 2	14°36	16°11	16° 7	7°53	9°27	9°43	1° 0	S 20
M21	21 57 41	28°37'07	3♓26	27°59	23°11	21°48	27°57	13° 5	14°33	16°10	16° 9	7°47	9°24	9°50	1° 3	M21
T 22	22 1 37	29°34'33	15°15	0♍ 4	24°25	22°24	28°10	13° 9	14°31	16° 9	16°10	7°43	9°21	9°56	1° 6	T 22
W23	22 5 34	0♍31'59	27° 3	2° 8	25°39	23° 1	28°22	13°12	14°29	16° 8	16°12	7°40	9°18	10° 3	1° 9	W23
T 24	22 9 30	1°29'27	8♈53	4°10	26°53	23°38	28°34	13°16	14°27	16° 7	16°14	7°D40	9°14	10°10	1°12	T 24
F 25	22 13 27	2°26'56	20°48	6°12	28° 7	24°14	28°46	13°19	14°24	16° 6	16°15	7°41	9°11	10°16	1°15	F 25
S 26	22 17 23	3°24'25	2♉51	8°12	29°21	24°51	28°58	13°22	14°22	16° 5	16°17	7°42	9° 8	10°23	1°17	S 26
S 27	22 21 20	4°21'56	15° 7	10°11	0♍35	25°28	29°11	13°26	14°20	16° 4	16°18	7°44	9° 5	10°30	1°20	S 27
M28	22 25 17	5°19'28	27°41	12° 9	1°49	26° 5	29°23	13°29	14°17	16° 2	16°20	7°45	9° 2	10°36	1°23	M28
T 29	22 29 13	6°17'02	10♊36	14° 5	3° 3	26°43	29°35	13°31	14°15	16° 1	16°22	7°R45	8°58	10°43	1°26	T 29
W30	22 33 10	7°14'37	23°55	16° 0	4°17	27°20	29°48	13°34	14°12	16° 0	16°23	7°44	8°55	10°50	1°28	W30
T 31	22 37 6	8♍12'13	7♋43	17♍53	5♍31	27♎57	0♎ 0	13♊37	14♓10	15♈59	16♌25	7♈42	8♈52	10♓56	1♋31	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n46	24n21	4n 3	20n27	1s23	20n42	0n24	3s30	0n26	3n16	1n 2	20n 6	1s58	6s32	0s49	5n13	1s17	18n46	2n50	3n40	4n 7	11s16	17n42	5s36
W 2	17 30	27 6	4 39	20 27	1 10	20 29	0 26	3 44	0 25	3 12	1 2	20 6	1 58	6 33	0 49	5 13	1 17	18 45	2 50	3 38	4 6	11 12	17 41	5 36
T 3	17 15	28 18	5 1	20 26	0 56	20 15	0 28	3 58	0 24	3 7	1 2	20 7	1 58	6 33	0 49	5 13	1 17	18 45	2 50	3 35	4 4	11 9	17 41	5 36
F 4	16 59	27 40	5 5	20 23	0 43	20 1	0 31	4 13	0 23	3 3	1 2	20 7	1 58	6 34	0 49	5 13	1 17	18 44	2 50	3 32	4 3	11 6	17 41	5 37
S 5	16 43	25 6	4 48	20 18	0 30	19 47	0 33	4 27	0 23	2 58	1 1	20 8	1 58	6 35	0 49	5 12	1 17	18 44	2 50	3 29	4 2	11 3	17 40	5 37
S 6	16 27	20 46	4 12	20 11	0 17	19 32	0 35	4 42	0 22	2 54	1 1	20 8	1 58	6 36	0 49	5 12	1 17	18 43	2 50	3 26	4 1	11 0	17 40	5 37
M 7	16 10	15 3	3 18	20 2	0 4	19 16	0 37	4 56	0 21	2 49	1 1	20 9	1 58	6 36	0 49	5 12	1 17	18 43	2 50	3 23	3 59	10 56	17 40	5 38
T 8	15 53	8 27	2 10	19 50	0n 8	19 0	0 39	5 10	0 20	2 45	1 1	20 9	1 59	6 37	0 49	5 12	1 17	18 43	2 50	3 22	3 58	10 53	17 39	5 38
W 9	15 36	1 28	0 54	19 36	0 19	18 43	0 41	5 25	0 19	2 40	1 1	20 10	1 59	6 38	0 49	5 11	1 17	18 42	2 50	3 21	3 57	10 50	17 39	5 38
T 10	15 19	5s28	0s24	19 20	0 30	18 25	0 43	5 39	0 19	2 36	1 1	20 10	1 59	6 39	0 49	5 11	1 17	18 42	2 50	3 21	3 56	10 47	17 39	5 39
F 11	15 1	11 58	1 39	19 0	0 41	18 7	0 46	5 54	0 18	2 31	1 1	20 11	1 59	6 40	0 49	5 11	1 18	18 41	2 50	3 21	3 55	10 44	17 38	5 39
S 12	14 43	17 41	2 46	18 39	0 50	17 49	0 48	6 8	0 17	2 27	1 1	20 11	1 59	6 40	0 49	5 10	1 18	18 41	2 50	3 21	3 53	10 41	17 38	5 39
S 13	14 25	22 22	3 42	18 15	0 59	17 30	0 49	6 23	0 16	2 22	1 1	20 11	1 59	6 41	0 49	5 10	1 18	18 40	2 50	3 21	3 52	10 37	17 38	5 40
M14	14 7	25 48	4 25	17 48	1 7	17 11	0 51	6 37	0 15	2 17	1 1	20 12	1 59	6 42	0 49	5 10	1 18	18 40	2 50	3 21	3 51	10 34	17 37	5 40
T 15	13 48	27 50	4 54	17 19	1 15	16 51	0 53	6 51	0 14	2 13	1 1	20 12	1 59	6 43	0 49	5 9	1 18	18 40	2 51	3 20	3 50	10 31	17 37	5 40
W16	13 30	28 22	5 7	16 48	1 22	16 31	0 55	7 6	0 14	2 8	1 1	20 13	2 0	6 44	0 49	5 9	1 18	18 39	2 51	3 18	3 48	10 28	17 36	5 41
T 17	13 11	27 29	5 6	16 14	1 27	16 10	0 57	7 20	0 13	2 3	1 1	20 13	2 0	6 45	0 49	5 9	1 18	18 39	2 51	3 15	3 47	10 24	17 36	5 41
F 18	12 51	25 17	4 51	15 39	1 32	15 49	0 59	7 34	0 12	1 58	1 1	20 13	2 0	6 46	0 49	5 8	1 18	18 38	2 51	3 12	3 46	10 21	17 36	5 42
S 19	12 32	21 58	4 23	15 1	1 36	15 27	1 0	7 49	0 11	1 54	1 1	20 14	2 0	6 46	0 49	5 8	1 18	18 38	2 51	3 9	3 45	10 18	17 35	5 42
S 20	12 13	17 46	3 44	14 22	1 40	15 5	1 2	8 3	0 11	1 49	1 1	20 14	2 0	6 47	0 49	5 8	1 18	18 38	2 51	3 6	3 43	10 15	17 35	5 42
M21	11 53	12 55	2 55	13 42	1 42	14 42	1 4	8 17	0 10	1 44	1 1	20 14	2 0	6 48	0 49	5 7	1 18	18 37	2 51	3 4	3 42	10 12	17 34	5 43
T 22	11 33	7 37	1 59	13 0	1 44	14 20	1 5	8 32	0 9	1 39	1 0	20 14	2 1	6 49	0 49	5 7	1 18	18 37	2 51	3 3	3 41	10 8	17 34	5 43
W23	11 13	2 3	0 58	12 17	1 45	13 56	1 7	8 46	0 8	1 34	1 0	20 15	2 1	6 50	0 49	5 6	1 18	18 36	2 51	3 2	3 40	10 5	17 34	5 44
T 24	10 53	3n36	0n 7	11 33	1 45	13 33	1 8	9 0	0 8	1 30	1 0	20 15	2 1	6 51	0 49	5 6	1 18	18 36	2 51	3 1	3 38	10 2	17 33	5 44
F 25	10 32	9 10	1 11	10 48	1 45	13 9	1 9	9 14	0 7	1 25	1 0	20 15	2 1	6 52	0 49	5 5	1 18	18 35	2 51	3 2	3 37	9 59	17 33	5 44
S 26	10 12	14 28	2 13	10 3	1 43	12 44	1 11	9 28	0 6	1 20	1 0	20 15	2 1	6 53	0 49	5 5	1 18	18 35	2 51	3 2	3 36	9 55	17 32	5 45
S 27	9 51	19 19	3 11	9 16	1 42	12 19	1 12	9 42	0 5	1 15	1 0	20 16	2 1	6 54	0 49	5 4	1 18	18 35	2 52	3 3	3 35	9 52	17 32	5 45
M28	9 30	23 25	4 0	8 30	1 39	11 54	1 13	9 57	0 5	1 10	1 0	20 16	2 1	6 54	0 49	5 4	1 18	18 34	2 52	3 3	3 33	9 49	17 31	5 46
T 29	9 9	26 30	4 39	7 43	1 37	11 29	1 14	10 11	0 4	1 5	1 0	20 16	2 2	6 55	0 49	5 4	1 18	18 34	2 52	3 3	3 32	9 46	17 31	5 46
W30	8 48	28 13	5 4	6 55	1 33	11 3	1 16	10 25	0 3	1 0	1 0	20 16	2 2	6 56	0 49	5 3	1 18	18 34	2 52	3 3	3 31	9 43	17 30	5 46
T 31	8n27	28n17	5n13	6n 8	1n29	10n37	1n17	10s39	0n 2	0n55	1n 0	20n16	2s 2	6s57	0s49	5n 3	1s18	18n33	2n52	3n 2	3n30	9s39	17n30	5s47

Julian Day Number = 2882012.5, Delta T = 01h15m56s
Ecliptic obliquity = 23°17'21, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°14'44, Lahiri = 40°21'45

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ASTRODIENST EPHEMERIS for the year 3178
geocentric

SEPTEMBER 3178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 41 3	9♍ 9'51	21♋57	19♍45	6♍45	28♎34	0♎13	13♊40	14°R 8	15°R58	16♌26	7°R38	8♈49	11♓ 3	1♋33	F 1
S 2	22 44 59	10° 7'30	6♌37	21°35	7°59	29°12	0°25	13°42	14♓ 5	15♈56	16°28	7♈35	8°46	11°10	1°36	S 2
S 3	22 48 56	11° 5'10	21°37	23°24	9°13	29°49	0°38	13°45	14° 3	15°55	16°29	7°31	8°43	11°16	1°38	S 3
M 4	22 52 53	12° 2'52	6♍48	25°12	10°28	0♏27	0°50	13°47	14° 1	15°54	16°31	7°28	8°39	11°23	1°41	M 4
T 5	22 56 49	13° 0'34	22° 1	26°57	11°42	1° 5	1° 3	13°49	13°58	15°52	16°32	7°26	8°36	11°30	1°43	T 5
W 6	23 0 46	13°58'18	7♎ 6	28°42	12°56	1°43	1°16	13°51	13°56	15°51	16°34	7°D26	8°33	11°36	1°45	W 6
T 7	23 4 42	14°56'03	21°54	0♎25	14°10	2°20	1°28	13°53	13°53	15°50	16°35	7°26	8°30	11°43	1°47	T 7
F 8	23 8 39	15°53'49	6♏20	2° 7	15°24	2°58	1°41	13°55	13°51	15°48	16°37	7°27	8°27	11°50	1°49	F 8
S 9	23 12 35	16°51'36	20°20	3°47	16°39	3°36	1°54	13°57	13°49	15°47	16°38	7°28	8°24	11°56	1°51	S 9
S 10	23 16 32	17°49'24	3♐55	5°26	17°53	4°14	2° 6	13°59	13°46	15°46	16°40	7°30	8°20	12° 3	1°53	S 10
M11	23 20 28	18°47'14	17° 4	7° 3	19° 7	4°53	2°19	14° 1	13°44	15°44	16°41	7°R30	8°17	12°10	1°55	M11
T 12	23 24 25	19°45'04	29°52	8°39	20°21	5°31	2°32	14° 2	13°41	15°43	16°43	7°30	8°14	12°16	1°57	T 12
W13	23 28 21	20°42'56	12♑22	10°14	21°36	6° 9	2°45	14° 4	13°39	15°41	16°44	7°29	8°11	12°23	1°59	W13
T 14	23 32 18	21°40'48	24°36	11°47	22°50	6°48	2°58	14° 5	13°37	15°40	16°46	7°27	8° 8	12°30	2° 1	T 14
F 15	23 36 15	22°38'42	6♒40	13°19	24° 4	7°26	3°10	14° 6	13°34	15°38	16°47	7°25	8° 4	12°36	2° 2	F 15
S 16	23 40 11	23°36'37	18°36	14°49	25°19	8° 5	3°23	14° 7	13°32	15°37	16°48	7°23	8° 1	12°43	2° 4	S 16
S 17	23 44 8	24°34'34	0♓27	16°19	26°33	8°43	3°36	14° 8	13°30	15°35	16°50	7°21	7°58	12°50	2° 5	S 17
M18	23 48 4	25°32'31	12°16	17°46	27°47	9°22	3°49	14° 9	13°27	15°34	16°51	7°19	7°55	12°56	2° 7	M18
T 19	23 52 1	26°30'30	24° 5	19°13	29° 2	10° 0	4° 2	14°10	13°25	15°32	16°52	7°18	7°52	13° 3	2° 8	T 19
W20	23 55 57	27°28'31	5♈57	20°38	0♎16	10°39	4°15	14°11	13°23	15°31	16°54	7°D18	7°49	13°10	2°10	W20
T 21	23 59 54	28°26'33	17°53	22° 1	1°30	11°18	4°28	14°11	13°20	15°29	16°55	7°18	7°45	13°16	2°11	T 21
F 22	0 3 50	29°24'37	29°55	23°23	2°45	11°57	4°41	14°12	13°18	15°28	16°56	7°19	7°42	13°23	2°12	F 22
S 23	0 7 47	0♎22'43	12♉ 8	24°44	3°59	12°36	4°54	14°12	13°16	15°26	16°58	7°19	7°39	13°29	2°13	S 23
S 24	0 11 44	1°20'51	24°32	26° 3	5°14	13°15	5° 7	14°12	13°14	15°24	16°59	7°20	7°36	13°36	2°14	S 24
M25	0 15 40	2°19'00	7♊11	27°21	6°28	13°54	5°19	14°12	13°11	15°23	17° 0	7°21	7°33	13°43	2°15	M25
T 26	0 19 37	3°17'11	20° 7	28°37	7°42	14°34	5°32	14°R12	13° 9	15°21	17° 1	7°21	7°30	13°49	2°16	T 26
W27	0 23 33	4°15'25	3♋24	29°51	8°57	15°13	5°45	14°12	13° 7	15°20	17° 3	7°R21	7°26	13°56	2°17	W27
T 28	0 27 30	5°13'40	17° 3	1♏ 3	10°11	15°52	5°58	14°12	13° 5	15°18	17° 4	7°21	7°23	14° 3	2°18	T 28
F 29	0 31 26	6°11'58	1♌ 6	2°14	11°26	16°32	6°11	14°12	13° 3	15°16	17° 5	7°21	7°20	14° 9	2°19	F 29
S 30	0 35 23	7♎10'17	15♌31	3♏23	12♎40	17♏11	6♎24	14♊12	13♓ 0	15♈15	17♌ 6	7°D21	7♈17	14♓16	2♋19	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n 5	26n30	5n 4	5n20	1n25	10n11	1n18	10s53	0n 2	0n50	1n 0	20n17	2s 2	6s58	0s49	5n 2	1s18	18n33	2n52	3n 1	3n28	9s36	17n30	5s47
S 2	7 43	22 56	4 34	4 33	1 20	9 44	1 19	11 6	0 1	0 45	1 0	20 17	2 2	6 59	0 49	5 2	1 18	18 32	2 52	2 59	3 27	9 33	17 29	5 48
S 3	7 22	17 46	3 46	3 45	1 15	9 17	1 19	11 20	0 0	0 40	1 0	20 17	2 2	7 0	0 49	5 1	1 18	18 32	2 52	2 58	3 26	9 30	17 29	5 48
M 4	7 0	11 27	2 41	2 58	1 9	8 50	1 20	11 34	0s 1	0 35	1 0	20 17	2 3	7 1	0 49	5 1	1 18	18 32	2 52	2 57	3 25	9 26	17 28	5 49
T 5	6 38	4 26	1 24	2 11	1 4	8 23	1 21	11 48	0 1	0 30	1 0	20 17	2 3	7 2	0 49	5 0	1 19	18 31	2 52	2 56	3 23	9 23	17 28	5 49
W 6	6 16	2s46	0 2	1 24	0 57	7 55	1 22	12 2	0 2	0 25	1 0	20 17	2 3	7 3	0 49	4 59	1 19	18 31	2 52	2 56	3 22	9 20	17 27	5 50
T 7	5 54	9 42	1s19	0 37	0 51	7 27	1 22	12 15	0 3	0 20	1 0	20 17	2 3	7 4	0 49	4 59	1 19	18 31	2 53	2 56	3 21	9 17	17 27	5 50
F 8	5 32	15 57	2 33	0s 9	0 44	6 59	1 23	12 29	0 3	0 15	1 0	20 17	2 3	7 5	0 49	4 58	1 19	18 30	2 53	2 56	3 20	9 13	17 26	5 50
S 9	5 9	21 10	3 35	0 55	0 37	6 31	1 23	12 42	0 4	0 10	1 0	20 17	2 3	7 5	0 49	4 58	1 19	18 30	2 53	2 57	3 18	9 10	17 26	5 51
S 10	4 47	25 7	4 23	1 41	0 30	6 3	1 24	12 56	0 5	0 5	1 0	20 17	2 4	7 6	0 49	4 57	1 19	18 30	2 53	2 57	3 17	9 7	17 25	5 51
M11	4 25	27 35	4 56	2 26	0 22	5 34	1 24	13 9	0 6	0 0	1 0	20 17	2 4	7 7	0 49	4 57	1 19	18 29	2 53	2 58	3 16	9 3	17 25	5 52
T 12	4 2	28 30	5 13	3 11	0 15	5 6	1 24	13 23	0 6	0s 5	1 0	20 17	2 4	7 8	0 49	4 56	1 19	18 29	2 53	2 57	3 15	9 0	17 24	5 52
W13	3 39	27 56	5 15	3 55	0 7	4 37	1 25	13 36	0 7	0 10	1 0	20 17	2 4	7 9	0 49	4 55	1 19	18 29	2 53	2 57	3 14	8 57	17 24	5 53
T 14	3 17	26 1	5 2	4 39	0s 1	4 8	1 25	13 49	0 8	0 15	1 0	20 17	2 4	7 10	0 49	4 55	1 19	18 28	2 53	2 56	3 12	8 54	17 23	5 53
F 15	2 54	22 56	4 36	5 22	0 9	3 39	1 25	14 2	0 8	0 20	1 0	20 17	2 5	7 11	0 49	4 54	1 19	18 28	2 53	2 55	3 11	8 50	17 23	5 54
S 16	2 31	18 56	3 58	6 4	0 17	3 9	1 25	14 15	0 9	0 25	1 0	20 17	2 5	7 12	0 49	4 54	1 19	18 28	2 54	2 55	3 10	8 47	17 22	5 54
S 17	2 9	14 13	3 10	6 46	0 25	2 40	1 25	14 28	0 10	0 30	1 0	20 17	2 5	7 13	0 49	4 53	1 19	18 27	2 54	2 54	3 9	8 44	17 22	5 55
M18	1 46	8 59	2 14	7 27	0 34	2 10	1 25	14 41	0 10	0 35	1 0	20 17	2 5	7 14	0 49	4 53	1 19	18 27	2 54	2 53	3 7	8 41	17 21	5 55
T 19	1 23	3 27	1 13	8 8	0 42	1 41	1 25	14 54	0 11	0 40	1 0	20 17	2 5	7 14	0 49	4 52	1 19	18 27	2 54	2 53	3 6	8 37	17 21	5 56
W20	1 0	2n14	0 8	8 47	0 51	1 11	1 25	15 7	0 12	0 46	1 0	20 17	2 5	7 15	0 49	4 51	1 19	18 26	2 54	2 53	3 5	8 34	17 20	5 56
T 21	0 37	7 52	0n58	9 26	0 59	0 42	1 24	15 19	0 12	0 51	1 0	20 17	2 6	7 16	0 49	4 51	1 19	18 26	2 54	2 53	3 4	8 31	17 20	5 57
F 22	0 14	13 17	2 2	10 5	1 8	0 12	1 24	15 32	0 13	0 56	1 0	20 17	2 6	7 17	0 49	4 50	1 19	18 26	2 54	2 53	3 2	8 27	17 19	5 57
S 23	0s 9	18 16	3 2	10 42	1 16	0s18	1 24	15 44	0 14	1 1	1 0	20 17	2 6	7 18	0 49	4 49	1 19	18 25	2 54	2 53	3 1	8 24	17 19	5 58
S 24	0 32	22 33	3 53	11 19	1 25	0 47	1 23	15 57	0 14	1 6	1 0	20 16	2 6	7 19	0 49	4 49	1 19	18 25	2 54	2 54	3 0	8 21	17 18	5 58
M25	0 55	25 53	4 35	11 55	1 33	1 17	1 23	16 9	0 15	1 11	1 0	20 16	2 6	7 20	0 49	4 48	1 19	18 25	2 55	2 54	2 59	8 17	17 18	5 59
T 26	1 18	27 58	5 3	12 30	1 42	1 47	1 22	16 21	0 15	1 16	1 0	20 16	2 6	7 20	0 49	4 48	1 19	18 25	2 55	2 54	2 57	8 14	17 17	5 59
W27	1 41	28 32	5 17	13 4	1 50	2 17	1 21	16 33	0 16	1 21	1 0	20 16	2 7	7 21	0 49	4 47	1 19	18 24	2 55	2 54	2 56	8 11	17 17	6 0
T 28	2 4	27 23	5 13	13 37	1 58	2 46	1 21	16 45	0 17	1 26	1 0	20 16	2 7	7 22	0 49	4 46	1 19	18 24	2 55	2 54	2 55	8 8	17 16	6 0
F 29	2 27	24 31	4 51	14 9	2 7	3 16	1 20	16 57	0 17	1 31	1 0	20 16	2 7	7 23	0 49	4 46	1 19	18 24	2 55	2 54	2 54	8 4	17 16	6 1
S 30	2s50	20n 4	4n10	14s40	2s15	3s46	1n19	17s 9	0s18	1s36	1n 0	20n15	2s 7	7s24	0s49	4n45	1s19	18n24	2n55	2n54	2n52	8s 1	17n15	6s 1

Julian Day Number = 2882043.5, Delta T = 01h15m57s
Ecliptic obliquity = 23°17'22, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°14'49, Lahiri = 40°21'49

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ASTRODIENST EPHEMERIS for the year 3178
geocentric

OCTOBER 3178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 39 19	8♎ 8'38	0♍15	4♏30	13♎55	17♏51	6♎37	14°R11	12°R58	15°R13	17♌ 7	7♈21	7♈14	14♓23	2♋20	S 1
M 2	0 43 16	9° 7'01	15°13	5°34	15° 9	18°31	6°50	14♊11	12♓56	15♈11	17° 8	7°21	7°10	14°29	2°21	M 2
T 3	0 47 13	10° 5'27	0♎17	6°36	16°24	19°10	7° 3	14°10	12°54	15°10	17° 9	7°R21	7° 7	14°36	2°21	T 3
W 4	0 51 9	11° 3'53	15°19	7°36	17°38	19°50	7°16	14° 9	12°52	15° 8	17°11	7°21	7° 4	14°43	2°21	W 4
T 5	0 55 6	12° 2'22	0♏ 9	8°34	18°53	20°30	7°29	14° 8	12°50	15° 6	17°12	7°21	7° 1	14°49	2°22	T 5
F 6	0 59 2	13° 0'53	14°41	9°28	20° 7	21°10	7°42	14° 7	12°48	15° 5	17°13	7°20	6°58	14°56	2°22	F 6
S 7	1 2 59	13°59'25	28°50	10°20	21°22	21°50	7°55	14° 6	12°46	15° 3	17°14	7°20	6°55	15° 3	2°22	S 7
S 8	1 6 55	14°57'59	12♐32	11° 8	22°36	22°30	8° 8	14° 5	12°44	15° 1	17°15	7°19	6°51	15° 9	2°22	S 8
M 9	1 10 52	15°56'34	25°48	11°53	23°51	23°11	8°21	14° 3	12°42	15° 0	17°16	7°18	6°48	15°16	2°R22	M 9
T 10	1 14 48	16°55'11	8♑40	12°34	25° 6	23°51	8°34	14° 2	12°41	14°58	17°17	7°18	6°45	15°23	2°22	T 10
W11	1 18 45	17°53'50	21°10	13°11	26°20	24°31	8°47	14° 0	12°39	14°56	17°18	7°D17	6°42	15°29	2°22	W11
T 12	1 22 42	18°52'30	3♒23	13°44	27°35	25°12	9° 0	13°59	12°37	14°55	17°18	7°18	6°39	15°36	2°22	T 12
F 13	1 26 38	19°51'12	15°24	14°12	28°49	25°52	9°12	13°57	12°35	14°53	17°19	7°19	6°35	15°43	2°22	F 13
S 14	1 30 35	20°49'55	27°16	14°35	0♏ 4	26°33	9°25	13°55	12°34	14°52	17°20	7°20	6°32	15°49	2°21	S 14
S 15	1 34 31	21°48'40	9♓ 5	14°52	1°18	27°13	9°38	13°53	12°32	14°50	17°21	7°21	6°29	15°56	2°21	S 15
M16	1 38 28	22°47'27	20°54	15° 4	2°33	27°54	9°51	13°51	12°30	14°48	17°22	7°22	6°26	16° 3	2°20	M16
T 17	1 42 24	23°46'16	2♈46	15°R 9	3°47	28°35	10° 4	13°49	12°29	14°47	17°23	7°R23	6°23	16° 9	2°20	T 17
W18	1 46 21	24°45'06	14°44	15° 8	5° 2	29°15	10°17	13°47	12°27	14°45	17°24	7°23	6°20	16°16	2°19	W18
T 19	1 50 17	25°43'59	26°50	15° 0	6°17	29°56	10°29	13°44	12°25	14°43	17°24	7°22	6°16	16°23	2°19	T 19
F 20	1 54 14	26°42'53	9♉ 6	14°44	7°31	0♐37	10°42	13°42	12°24	14°42	17°25	7°20	6°13	16°29	2°18	F 20
S 21	1 58 10	27°41'49	21°34	14°20	8°46	1°18	10°55	13°39	12°22	14°40	17°26	7°17	6°10	16°36	2°17	S 21
S 22	2 2 7	28°40'48	4♊14	13°49	10° 0	1°59	11° 7	13°37	12°21	14°38	17°26	7°14	6° 7	16°42	2°16	S 22
M23	2 6 4	29°39'48	17° 7	13°10	11°15	2°40	11°20	13°34	12°20	14°37	17°27	7°11	6° 4	16°49	2°15	M23
T 24	2 10 0	0♏38'51	0♋14	12°24	12°29	3°22	11°33	13°31	12°18	14°35	17°28	7° 8	6° 1	16°56	2°14	T 24
W25	2 13 57	1°37'56	13°36	11°31	13°44	4° 3	11°45	13°28	12°17	14°34	17°28	7° 5	5°57	17° 2	2°13	W25
T 26	2 17 53	2°37'04	27°14	10°31	14°59	4°44	11°58	13°25	12°16	14°32	17°29	7°D 4	5°54	17° 9	2°12	T 26
F 27	2 21 50	3°36'13	11♌ 8	9°26	16°13	5°26	12°10	13°22	12°14	14°31	17°30	7° 4	5°51	17°16	2°11	F 27
S 28	2 25 46	4°35'25	25°18	8°17	17°28	6° 7	12°23	13°19	12°13	14°29	17°30	7° 5	5°48	17°22	2°10	S 28
S 29	2 29 43	5°34'39	9♍41	7° 6	18°42	6°49	12°35	13°16	12°12	14°28	17°31	7° 7	5°45	17°29	2° 8	S 29
M30	2 33 40	6°33'56	24°16	5°55	19°57	7°30	12°48	13°12	12°11	14°26	17°31	7° 8	5°41	17°36	2° 7	M30
T 31	2 37 36	7♏33'14	8♎58	4♏45	21♏12	8♐12	13♎ 0	13♊ 9	12♓10	14♈25	17♌32	7°R 9	5♈38	17♓42	2♋ 5	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s13	14n18	3n12	15s11	2s23	4s15	1n18	17s21	0s19	1s41	1n 0	20n15	2s 7	7s24	0s49	4n44	1s19	18n23	2n55	2n54	2n51	7s58	17n15	6s 2
M 2	3 36	7 38	2 0	15 40	2 30	4 45	1 17	17 32	0 19	1 46	1 0	20 15	2 7	7 25	0 49	4 44	1 19	18 23	2 55	2 54	2 50	7 54	17 14	6 2
T 3	3 58	0 29	0 39	16 7	2 38	5 14	1 16	17 44	0 20	1 52	1 0	20 15	2 8	7 26	0 49	4 43	1 19	18 23	2 56	2 54	2 49	7 51	17 14	6 3
W 4	4 21	6s40	0s44	16 34	2 45	5 43	1 15	17 55	0 20	1 57	1 0	20 14	2 8	7 27	0 49	4 42	1 19	18 23	2 56	2 54	2 47	7 48	17 13	6 3
T 5	4 44	13 23	2 3	16 59	2 53	6 13	1 14	18 6	0 21	2 2	1 0	20 14	2 8	7 27	0 49	4 42	1 19	18 23	2 56	2 54	2 46	7 44	17 13	6 4
F 6	5 7	19 13	3 13	17 23	2 59	6 42	1 13	18 17	0 22	2 7	1 0	20 14	2 8	7 28	0 49	4 41	1 19	18 22	2 56	2 54	2 45	7 41	17 12	6 4
S 7	5 29	23 49	4 9	17 46	3 6	7 11	1 11	18 28	0 22	2 12	1 0	20 14	2 8	7 29	0 49	4 41	1 19	18 22	2 56	2 53	2 44	7 38	17 12	6 5
S 8	5 52	26 55	4 48	18 7	3 12	7 39	1 10	18 39	0 23	2 17	1 0	20 13	2 8	7 30	0 49	4 40	1 19	18 22	2 56	2 53	2 42	7 34	17 11	6 5
M 9	6 14	28 24	5 11	18 27	3 18	8 8	1 9	18 50	0 24	2 22	1 1	20 13	2 8	7 30	0 49	4 39	1 19	18 22	2 56	2 53	2 41	7 31	17 11	6 6
T 10	6 36	28 17	5 17	18 44	3 23	8 36	1 7	19 0	0 24	2 27	1 1	20 13	2 9	7 31	0 49	4 39	1 19	18 22	2 56	2 53	2 40	7 28	17 10	6 6
W11	6 59	26 42	5 8	19 0	3 28	9 5	1 6	19 11	0 25	2 32	1 1	20 12	2 9	7 32	0 49	4 38	1 19	18 22	2 57	2 53	2 39	7 24	17 10	6 7
T 12	7 21	23 54	4 45	19 14	3 32	9 33	1 4	19 21	0 25	2 37	1 1	20 12	2 9	7 32	0 49	4 37	1 19	18 21	2 57	2 53	2 37	7 21	17 9	6 7
F 13	7 43	20 6	4 10	19 26	3 36	10 1	1 3	19 31	0 26	2 42	1 1	20 12	2 9	7 33	0 49	4 37	1 19	18 21	2 57	2 53	2 36	7 18	17 9	6 8
S 14	8 5	15 33	3 24	19 36	3 39	10 28	1 1	19 41	0 26	2 47	1 1	20 11	2 9	7 34	0 49	4 36	1 19	18 21	2 57	2 54	2 35	7 14	17 8	6 8
S 15	8 27	10 26	2 30	19 43	3 41	10 56	0 59	19 51	0 27	2 52	1 1	20 11	2 9	7 34	0 49	4 35	1 19	18 21	2 57	2 54	2 34	7 11	17 8	6 9
M16	8 49	4 58	1 30	19 47	3 42	11 23	0 58	20 1	0 28	2 57	1 1	20 11	2 9	7 35	0 49	4 35	1 19	18 21	2 57	2 55	2 32	7 8	17 7	6 9
T 17	9 10	0n42	0 26	19 49	3 42	11 50	0 56	20 11	0 28	3 2	1 1	20 10	2 10	7 35	0 49	4 34	1 19	18 21	2 57	2 55	2 31	7 4	17 7	6 9
W18	9 32	6 24	0n41	19 48	3 41	12 16	0 54	20 20	0 29	3 6	1 1	20 10	2 10	7 36	0 49	4 34	1 19	18 21	2 58	2 55	2 30	7 1	17 6	6 10
T 19	9 53	11 55	1 45	19 43	3 39	12 43	0 52	20 29	0 29	3 11	1 1	20 9	2 10	7 37	0 49	4 33	1 19	18 20	2 58	2 54	2 29	6 58	17 6	6 10
F 20	10 14	17 4	2 46	19 35	3 35	13 9	0 50	20 38	0 30	3 16	1 1	20 9	2 10	7 37	0 49	4 32	1 19	18 20	2 58	2 54	2 27	6 54	17 5	6 11
S 21	10 35	21 35	3 40	19 23	3 30	13 34	0 48	20 47	0 30	3 21	1 1	20 9	2 10	7 38	0 49	4 32	1 19	18 20	2 58	2 52	2 26	6 51	17 5	6 11
S 22	10 56	25 11	4 24	19 7	3 23	14 0	0 46	20 56	0 31	3 26	1 1	20 8	2 10	7 38	0 49	4 31	1 19	18 20	2 58	2 51	2 25	6 48	17 4	6 12
M23	11 17	27 34	4 55	18 48	3 15	14 25	0 44	21 5	0 32	3 31	1 1	20 8	2 10	7 39	0 49	4 30	1 19	18 20	2 58	2 50	2 24	6 44	17 4	6 12
T 24	11 38	28 29	5 12	18 24	3 5	14 49	0 42	21 13	0 32	3 36	1 1	20 7	2 10	7 39	0 49	4 30	1 19	18 20	2 58	2 49	2 22	6 41	17 3	6 13
W25	11 58	27 47	5 12	17 56	2 53	15 14	0 40	21 22	0 33	3 41	1 1	20 7	2 11	7 40	0 49	4 29	1 19	18 20	2 58	2 48	2 21	6 38	17 3	6 13
T 26	12 18	25 24	4 55	17 24	2 39	15 38	0 38	21 30	0 33	3 45	1 2	20 6	2 11	7 40	0 49	4 29	1 19	18 20	2 59	2 47	2 20	6 34	17 3	6 14
F 27	12 38	21 30	4 21	16 49	2 23	16 1	0 36	21 38	0 34	3 50	1 2	20 6	2 11	7 40	0 49	4 28	1 19	18 20	2 59	2 47	2 19	6 31	17 2	6 14
S 28	12 58	16 18	3 30	16 10	2 6	16 24	0 33	21 45	0 34	3 55	1 2	20 5	2 11	7 41	0 49	4 27	1 19	18 20	2 59	2 48	2 17	6 28	17 2	6 15
S 29	13 18	10 8	2 25	15 30	1 48	16 47	0 31	21 53	0 35	4 0	1 2	20 5	2 11	7 41	0 48	4 27	1 19	18 20	2 59	2 48	2 16	6 24	17 1	6 15
M30	13 37	3 20	1 10	14 48	1 28	17 9	0 29	22 0	0 35	4 4	1 2	20 4	2 11	7 42	0 48	4 26	1 19	18 20	2 59	2 49	2 15	6 21	17 1	6 16
T 31	13s57	3s41	0s10	14s 5	1s 8	17s31	0n26	22s 8	0s36	4s 9	1n 2	20n 4	2s11	7s42	0s48	4n26	1s19	18n20	2n59	2n49	2n14	6s18	17n 0	6s16

Julian Day Number = 2882073.5, Delta T = 01h15m58s
Ecliptic obliquity = 23°17'22, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°14'53, Lahiri = 40°21'53

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ASTRODIENST EPHEMERIS for the year 3178
geocentric

NOVEMBER 3178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 41 33	8♏32'35	23♎42	3°R39	22♏26	8♐54	13♎12	13°R 6	12°R 9	14°R23	17♌32	7°R 8	5♈35	17♓49	2°R 4	W 1
T 2	2 45 29	9°31'57	8♏19	2♏38	23°41	9°36	13°25	13♊ 2	12♓ 8	14♈22	17°33	7♈ 5	5°32	17°56	2♋ 2	T 2
F 3	2 49 26	10°31'22	22°44	1°45	24°56	10°18	13°37	12°58	12° 7	14°20	17°33	7° 1	5°29	18° 2	2° 1	F 3
S 4	2 53 22	11°30'49	6♐51	1° 0	26°10	11° 0	13°49	12°55	12° 6	14°19	17°33	6°56	5°26	18° 9	1°59	S 4
S 5	2 57 19	12°30'18	20°35	0°26	27°25	11°42	14° 1	12°51	12° 5	14°17	17°34	6°50	5°22	18°16	1°57	S 5
M 6	3 1 15	13°29'48	3♑55	0° 2	28°39	12°24	14°13	12°47	12° 5	14°16	17°34	6°44	5°19	18°22	1°55	M 6
T 7	3 5 12	14°29'20	16°50	29♎49	29°54	13° 6	14°25	12°43	12° 4	14°14	17°34	6°40	5°16	18°29	1°53	T 7
W 8	3 9 9	15°28'54	29°23	29°D47	1♐ 9	13°48	14°37	12°39	12° 3	14°13	17°35	6°37	5°13	18°36	1°51	W 8
T 9	3 13 5	16°28'29	11♒38	29°57	2°23	14°31	14°49	12°35	12° 3	14°12	17°35	6°D35	5°10	18°42	1°49	T 9
F 10	3 17 2	17°28'06	23°38	0♏16	3°38	15°13	15° 1	12°31	12° 2	14°10	17°35	6°35	5° 7	18°49	1°47	F 10
S 11	3 20 58	18°27'45	5♓30	0°46	4°53	15°56	15°13	12°27	12° 1	14° 9	17°35	6°37	5° 3	18°56	1°45	S 11
S 12	3 24 55	19°27'26	17°18	1°25	6° 7	16°38	15°25	12°23	12° 1	14° 8	17°35	6°38	5° 0	19° 2	1°43	S 12
M13	3 28 51	20°27'08	29° 8	2°13	7°22	17°21	15°37	12°18	12° 1	14° 7	17°36	6°40	4°57	19° 9	1°40	M13
T 14	3 32 48	21°26'51	11♈ 3	3° 8	8°36	18° 3	15°48	12°14	12° 0	14° 5	17°36	6°R40	4°54	19°15	1°38	T 14
W15	3 36 44	22°26'37	23° 8	4° 9	9°51	18°46	16° 0	12° 9	12° 0	14° 4	17°36	6°38	4°51	19°22	1°36	W15
T 16	3 40 41	23°26'24	5♉26	5°17	11° 6	19°29	16°11	12° 5	12° 0	14° 3	17°36	6°34	4°47	19°29	1°33	T 16
F 17	3 44 37	24°26'13	17°57	6°30	12°20	20°12	16°23	12° 1	11°59	14° 2	17°36	6°29	4°44	19°35	1°31	F 17
S 18	3 48 34	25°26'04	0♊45	7°47	13°35	20°54	16°34	11°56	11°59	14° 1	17°R36	6°21	4°41	19°42	1°28	S 18
S 19	3 52 31	26°25'57	13°47	9° 7	14°50	21°37	16°46	11°51	11°59	13°59	17°36	6°12	4°38	19°49	1°26	S 19
M20	3 56 27	27°25'52	27° 2	10°31	16° 4	22°20	16°57	11°47	11°59	13°58	17°36	6° 3	4°35	19°55	1°23	M20
T 21	4 0 24	28°25'49	10♋31	11°58	17°19	23° 4	17° 8	11°42	11°D59	13°57	17°36	5°55	4°32	20° 2	1°20	T 21
W22	4 4 20	29°25'48	24° 9	13°27	18°33	23°47	17°19	11°38	11°59	13°56	17°36	5°48	4°28	20° 9	1°18	W22
T 23	4 8 17	0♐25'49	7♌57	14°57	19°48	24°30	17°30	11°33	11°59	13°55	17°36	5°43	4°25	20°15	1°15	T 23
F 24	4 12 13	1°25'52	21°53	16°30	21° 3	25°13	17°41	11°28	11°59	13°54	17°35	5°41	4°22	20°22	1°12	F 24
S 25	4 16 10	2°25'57	5♍55	18° 3	22°17	25°57	17°52	11°23	11°59	13°53	17°35	5°D41	4°19	20°29	1° 9	S 25
S 26	4 20 7	3°26'04	20° 3	19°37	23°32	26°40	18° 3	11°19	11°59	13°52	17°35	5°41	4°16	20°35	1° 6	S 26
M27	4 24 3	4°26'13	4♎17	21°12	24°46	27°23	18°14	11°14	12° 0	13°51	17°35	5°R42	4°13	20°42	1° 3	M27
T 28	4 28 0	5°26'24	18°33	22°48	26° 1	28° 7	18°25	11° 9	12° 0	13°50	17°35	5°41	4° 9	20°49	1° 0	T 28
W29	4 31 56	6°26'38	2♏50	24°24	27°16	28°51	18°35	11° 4	12° 0	13°50	17°34	5°38	4° 6	20°55	0°57	W29
T 30	4 35 53	7♐26'53	17♏ 3	26♏ 0	28♐30	29♐34	18♎46	10♊59	12♓ 1	13♈49	17♌34	5♈33	4♈ 3	21♓ 2	0♋54	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s16	10s32	1s29	13s24	0s47	17s53	0n24	22s15	0s36	4s14	1n 2	20n 3	2s11	7s42	0s48	4n25	1s19	18n20	2n59	2n49	2n12	6s14	17n 0	6s17
T 2	14 35	16 45	2 42	12 44	0 27	18 14	0 22	22 21	0 37	4 18	1 2	20 3	2 11	7 43	0 48	4 25	1 19	18 20	3 0	2 48	2 11	6 11	16 59	6 17
F 3	14 53	21 57	3 44	12 6	0 6	18 34	0 19	22 28	0 37	4 23	1 2	20 2	2 11	7 43	0 48	4 24	1 19	18 20	3 0	2 46	2 10	6 7	16 59	6 17
S 4	15 12	25 45	4 30	11 33	0n13	18 54	0 17	22 35	0 38	4 28	1 2	20 2	2 12	7 43	0 48	4 24	1 19	18 20	3 0	2 44	2 9	6 4	16 59	6 18
S 5	15 30	27 56	4 59	11 4	0 31	19 13	0 14	22 41	0 38	4 32	1 2	20 1	2 12	7 44	0 48	4 23	1 19	18 20	3 0	2 42	2 7	6 1	16 58	6 18
M 6	15 48	28 25	5 11	10 40	0 48	19 32	0 12	22 47	0 39	4 37	1 3	20 1	2 12	7 44	0 48	4 23	1 19	18 20	3 0	2 40	2 6	5 57	16 58	6 19
T 7	16 5	27 18	5 6	10 21	1 3	19 51	0 10	22 53	0 39	4 41	1 3	20 0	2 12	7 44	0 48	4 22	1 19	18 20	3 0	2 38	2 5	5 54	16 57	6 19
W 8	16 22	24 50	4 47	10 7	1 17	20 9	0 7	22 58	0 40	4 46	1 3	20 0	2 12	7 44	0 48	4 21	1 19	18 20	3 0	2 37	2 4	5 51	16 57	6 20
T 9	16 40	21 16	4 15	9 59	1 29	20 26	0 5	23 4	0 40	4 50	1 3	19 59	2 12	7 45	0 48	4 21	1 19	18 20	3 1	2 36	2 2	5 47	16 57	6 20
F 10	16 56	16 54	3 32	9 56	1 40	20 43	0 2	23 9	0 41	4 55	1 3	19 58	2 12	7 45	0 48	4 20	1 19	18 20	3 1	2 36	2 1	5 44	16 56	6 20
S 11	17 13	11 56	2 41	9 59	1 48	20 59	0s 1	23 14	0 41	4 59	1 3	19 58	2 12	7 45	0 48	4 20	1 19	18 20	3 1	2 37	2 0	5 41	16 56	6 21
S 12	17 29	6 34	1 43	10 5	1 55	21 15	0 3	23 19	0 42	5 4	1 3	19 57	2 12	7 45	0 48	4 20	1 19	18 20	3 1	2 37	1 59	5 37	16 56	6 21
M13	17 45	0 58	0 41	10 16	2 1	21 30	0 6	23 24	0 42	5 8	1 3	19 57	2 12	7 45	0 48	4 19	1 19	18 20	3 1	2 38	1 57	5 34	16 55	6 22
T 14	18 1	4n43	0n24	10 31	2 5	21 44	0 8	23 28	0 43	5 12	1 3	19 56	2 12	7 45	0 48	4 19	1 19	18 21	3 1	2 38	1 56	5 30	16 55	6 22
W15	18 16	10 18	1 28	10 49	2 8	21 58	0 11	23 32	0 43	5 17	1 4	19 56	2 12	7 45	0 48	4 18	1 19	18 21	3 2	2 37	1 55	5 27	16 54	6 22
T 16	18 31	15 35	2 29	11 10	2 9	22 11	0 13	23 36	0 44	5 21	1 4	19 55	2 12	7 45	0 48	4 18	1 19	18 21	3 2	2 36	1 54	5 24	16 54	6 23
F 17	18 46	20 20	3 24	11 33	2 10	22 24	0 16	23 40	0 44	5 25	1 4	19 54	2 12	7 46	0 48	4 17	1 19	18 21	3 2	2 33	1 52	5 20	16 54	6 23
S 18	19 0	24 15	4 10	11 59	2 9	22 36	0 18	23 43	0 45	5 29	1 4	19 54	2 12	7 46	0 48	4 17	1 19	18 21	3 2	2 30	1 51	5 17	16 53	6 23
S 19	19 14	27 0	4 43	12 26	2 8	22 47	0 21	23 47	0 45	5 34	1 4	19 53	2 12	7 46	0 48	4 16	1 19	18 21	3 2	2 27	1 50	5 13	16 53	6 24
M20	19 28	28 18	5 2	12 54	2 5	22 57	0 24	23 50	0 45	5 38	1 4	19 53	2 12	7 46	0 48	4 16	1 19	18 21	3 2	2 23	1 49	5 10	16 53	6 24
T 21	19 41	27 57	5 5	13 23	2 3	23 7	0 26	23 52	0 46	5 42	1 4	19 52	2 12	7 46	0 48	4 16	1 19	18 21	3 2	2 20	1 47	5 7	16 52	6 25
W22	19 54	25 55	4 51	13 53	1 59	23 17	0 29	23 55	0 46	5 46	1 4	19 51	2 12	7 46	0 48	4 15	1 19	18 22	3 3	2 17	1 46	5 3	16 52	6 25
T 23	20 7	22 20	4 19	14 23	1 55	23 25	0 31	23 57	0 47	5 50	1 5	19 51	2 12	7 45	0 48	4 15	1 19	18 22	3 3	2 16	1 45	5 0	16 52	6 25
F 24	20 19	17 29	3 33	14 54	1 50	23 33	0 34	23 59	0 47	5 54	1 5	19 50	2 12	7 45	0 48	4 15	1 19	18 22	3 3	2 15	1 44	4 57	16 52	6 26
S 25	20 31	11 39	2 33	15 25	1 45	23 40	0 36	24 1	0 48	5 58	1 5	19 49	2 12	7 45	0 47	4 14	1 19	18 22	3 3	2 14	1 42	4 53	16 51	6 26
S 26	20 43	5 11	1 23	15 56	1 40	23 47	0 39	24 3	0 48	6 2	1 5	19 49	2 12	7 45	0 47	4 14	1 19	18 22	3 3	2 15	1 41	4 50	16 51	6 26
M27	20 54	1s34	0 8	16 26	1 34	23 52	0 41	24 4	0 48	6 6	1 5	19 48	2 12	7 45	0 47	4 14	1 19	18 23	3 3	2 15	1 40	4 46	16 51	6 26
T 28	21 5	8 17	1s 8	16 56	1 28	23 57	0 44	24 5	0 49	6 10	1 5	19 48	2 12	7 45	0 47	4 13	1 18	18 23	3 3	2 15	1 39	4 43	16 50	6 27
W29	21 15	14 34	2 20	17 26	1 22	24 2	0 46	24 6	0 49	6 14	1 5	19 47	2 12	7 45	0 47	4 13	1 18	18 23	3 4	2 14	1 37	4 40	16 50	6 27
T 30	21s25	20s 3	3s22	17s55	1n15	24s 5	0s48	24s 7	0s50	6s18	1n 6	19n46	2s12	7s44	0s47	4n13	1s18	18n23	3n 4	2n11	1n36	4s36	16n50	6s27

Julian Day Number = 2882104.5, Delta T = 01h15m58s
Ecliptic obliquity = 23°17'22, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°14'57, Lahiri = 40°21'58

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ASTRODIENST EPHEMERIS for the year 3178
geocentric

DECEMBER 3178 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 39 49	8♐27'10	1♐ 8	27♏36	29♐45	0♑18	18♎56	10°R54	12♓ 1	13°R48	17°R34	5°R24	4♈ 0	21♓ 9	0°R51	F 1
S 2	4 43 46	9°27'28	15° 0	29°12	1♑ 0	1° 2	19° 7	10♊49	12° 2	13♈47	17♌33	5♈14	3°57	21°15	0♋48	S 2
S 3	4 47 42	10°27'49	28°34	0♐49	2°14	1°46	19°17	10°45	12° 2	13°46	17°33	5° 3	3°53	21°22	0°45	S 3
M 4	4 51 39	11°28'11	11♑49	2°25	3°29	2°30	19°27	10°40	12° 3	13°46	17°33	4°51	3°50	21°28	0°42	M 4
T 5	4 55 36	12°28'34	24°42	4° 2	4°43	3°14	19°37	10°35	12° 4	13°45	17°32	4°41	3°47	21°35	0°38	T 5
W 6	4 59 32	13°28'58	7♒15	5°38	5°58	3°58	19°47	10°30	12° 4	13°44	17°32	4°33	3°44	21°42	0°35	W 6
T 7	5 3 29	14°29'24	19°30	7°14	7°13	4°42	19°57	10°25	12° 5	13°44	17°31	4°28	3°41	21°48	0°32	T 7
F 8	5 7 25	15°29'51	1♓31	8°50	8°27	5°26	20° 7	10°20	12° 6	13°43	17°31	4°25	3°38	21°55	0°29	F 8
S 9	5 11 22	16°30'20	13°22	10°26	9°42	6°10	20°16	10°15	12° 7	13°43	17°30	4°D24	3°34	22° 2	0°25	S 9
S 10	5 15 18	17°30'49	25°10	12° 1	10°56	6°54	20°26	10°11	12° 8	13°42	17°30	4°24	3°31	22° 8	0°22	S 10
M11	5 19 15	18°31'20	7♈ 0	13°37	12°11	7°39	20°35	10° 6	12° 9	13°42	17°29	4°R24	3°28	22°15	0°19	M11
T 12	5 23 11	19°31'52	18°57	15°12	13°25	8°23	20°45	10° 1	12°10	13°41	17°29	4°23	3°25	22°22	0°15	T 12
W13	5 27 8	20°32'25	1♉ 5	16°47	14°40	9° 8	20°54	9°56	12°11	13°41	17°28	4°20	3°22	22°28	0°12	W13
T 14	5 31 5	21°33'00	13°31	18°22	15°55	9°52	21° 3	9°52	12°12	13°40	17°27	4°15	3°19	22°35	0° 8	T 14
F 15	5 35 1	22°33'35	26°15	19°57	17° 9	10°37	21°12	9°47	12°13	13°40	17°27	4° 6	3°15	22°42	0° 5	F 15
S 16	5 38 58	23°34'12	9♊19	21°31	18°24	11°21	21°21	9°42	12°14	13°40	17°26	3°55	3°12	22°48	0° 1	S 16
S 17	5 42 54	24°34'50	22°43	23° 6	19°38	12° 6	21°30	9°38	12°16	13°39	17°25	3°43	3° 9	22°55	29♊58	S 17
M18	5 46 51	25°35'30	6♋25	24°40	20°53	12°51	21°39	9°33	12°17	13°39	17°25	3°30	3° 6	23° 2	29°55	M18
T 19	5 50 47	26°36'10	20°20	26°15	22° 7	13°36	21°47	9°29	12°18	13°39	17°24	3°18	3° 3	23° 8	29°51	T 19
W20	5 54 44	27°36'52	4♌25	27°49	23°22	14°20	21°56	9°24	12°20	13°39	17°23	3° 8	2°59	23°15	29°48	W20
T 21	5 58 41	28°37'36	18°34	29°23	24°36	15° 5	22° 4	9°20	12°21	13°38	17°22	3° 0	2°56	23°21	29°44	T 21
F 22	6 2 37	29°38'21	2♍45	0♑57	25°51	15°50	22°12	9°15	12°23	13°38	17°22	2°56	2°53	23°28	29°41	F 22
S 23	6 6 34	0♑39'07	16°54	2°31	27° 5	16°35	22°20	9°11	12°24	13°38	17°21	2°54	2°50	23°35	29°37	S 23
S 24	6 10 30	1°39'54	1♎ 0	4° 5	28°19	17°20	22°28	9° 6	12°26	13°38	17°20	2°54	2°47	23°41	29°34	S 24
M25	6 14 27	2°40'43	15° 3	5°39	29°34	18° 5	22°36	9° 2	12°28	13°D38	17°19	2°54	2°44	23°48	29°30	M25
T 26	6 18 23	3°41'33	29° 0	7°13	0♒48	18°51	22°44	8°58	12°29	13°38	17°18	2°52	2°40	23°55	29°27	T 26
W27	6 22 20	4°42'25	12♏53	8°48	2° 3	19°36	22°51	8°54	12°31	13°38	17°17	2°49	2°37	24° 1	29°23	W27
T 28	6 26 16	5°43'18	26°39	10°22	3°17	20°21	22°59	8°50	12°33	13°38	17°16	2°42	2°34	24° 8	29°20	T 28
F 29	6 30 13	6°44'12	10♐18	11°56	4°32	21° 6	23° 6	8°46	12°35	13°38	17°15	2°32	2°31	24°15	29°16	F 29
S 30	6 34 10	7°45'07	23°46	13°30	5°46	21°52	23°13	8°42	12°37	13°39	17°14	2°20	2°28	24°21	29°13	S 30
S 31	6 38 6	8♑46'04	7♑ 0	15♑ 4	7♒ 0	22♑37	23♎20	8♊38	12♓39	13♈39	17♌13	2♈ 6	2♈25	24♓28	29♊ 9	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s35	24s21	4s11	18s23	1n 9	24s 8	0s51	24s 7	0s50	6s21	1n 6	19n46	2s12	7s44	0s47	4n12	1s18	18n23	3n 4	2n 8	1n35	4s33	16n50	6s28
S 2	21 44	27 10	4 44	18 51	1 2	24 10	0 53	24 8	0 51	6 25	1 6	19 45	2 12	7 44	0 47	4 12	1 18	18 24	3 4	2 4	1 33	4 29	16 49	6 28
S 3	21 53	28 18	5 1	19 18	0 55	24 12	0 55	24 8	0 51	6 29	1 6	19 45	2 12	7 44	0 47	4 12	1 18	18 24	3 4	2 0	1 32	4 26	16 49	6 28
M 4	22 1	27 45	5 1	19 44	0 48	24 12	0 58	24 7	0 51	6 33	1 6	19 44	2 12	7 44	0 47	4 12	1 18	18 24	3 4	1 55	1 31	4 23	16 49	6 28
T 5	22 9	25 43	4 45	20 9	0 41	24 12	1 0	24 7	0 52	6 36	1 6	19 43	2 12	7 43	0 47	4 11	1 18	18 24	3 4	1 51	1 30	4 19	16 49	6 29
W 6	22 17	22 28	4 16	20 33	0 34	24 12	1 2	24 6	0 52	6 40	1 6	19 43	2 12	7 43	0 47	4 11	1 18	18 25	3 5	1 48	1 28	4 16	16 49	6 29
T 7	22 24	18 17	3 35	20 56	0 27	24 10	1 4	24 5	0 52	6 43	1 7	19 42	2 11	7 43	0 47	4 11	1 18	18 25	3 5	1 46	1 27	4 12	16 48	6 29
F 8	22 30	13 27	2 45	21 18	0 20	24 8	1 7	24 3	0 53	6 47	1 7	19 41	2 11	7 42	0 47	4 11	1 18	18 25	3 5	1 45	1 26	4 9	16 48	6 29
S 9	22 37	8 11	1 49	21 39	0 13	24 5	1 9	24 2	0 53	6 50	1 7	19 41	2 11	7 42	0 47	4 11	1 18	18 26	3 5	1 44	1 25	4 6	16 48	6 29
S 10	22 42	2 39	0 49	21 59	0 6	24 1	1 11	24 0	0 54	6 54	1 7	19 40	2 11	7 41	0 47	4 10	1 18	18 26	3 5	1 44	1 23	4 2	16 48	6 30
M11	22 48	2n58	0n14	22 18	0s 1	23 57	1 13	23 58	0 54	6 57	1 7	19 40	2 11	7 41	0 47	4 10	1 18	18 26	3 5	1 44	1 22	3 59	16 48	6 30
T 12	22 53	8 33	1 16	22 36	0 8	23 52	1 15	23 56	0 54	7 0	1 7	19 39	2 11	7 41	0 47	4 10	1 18	18 27	3 5	1 44	1 21	3 55	16 47	6 30
W13	22 57	13 55	2 17	22 53	0 15	23 46	1 17	23 53	0 55	7 4	1 8	19 39	2 11	7 40	0 47	4 10	1 18	18 27	3 6	1 43	1 20	3 52	16 47	6 30
T 14	23 1	18 50	3 11	23 8	0 21	23 39	1 19	23 50	0 55	7 7	1 8	19 38	2 11	7 40	0 47	4 10	1 18	18 27	3 6	1 41	1 18	3 49	16 47	6 30
F 15	23 5	23 3	3 58	23 23	0 28	23 32	1 21	23 47	0 55	7 10	1 8	19 37	2 11	7 39	0 47	4 10	1 18	18 27	3 6	1 37	1 17	3 45	16 47	6 30
S 16	23 8	26 13	4 34	23 36	0 34	23 24	1 22	23 44	0 56	7 13	1 8	19 37	2 10	7 39	0 47	4 10	1 18	18 28	3 6	1 33	1 16	3 42	16 47	6 31
S 17	23 11	28 0	4 55	23 47	0 41	23 15	1 24	23 40	0 56	7 16	1 8	19 36	2 10	7 38	0 47	4 10	1 18	18 28	3 6	1 28	1 15	3 38	16 47	6 31
M18	23 13	28 8	5 0	23 58	0 47	23 6	1 26	23 36	0 56	7 19	1 9	19 36	2 10	7 38	0 47	4 9	1 18	18 29	3 6	1 23	1 13	3 35	16 47	6 31
T 19	23 15	26 30	4 47	24 7	0 53	22 56	1 27	23 32	0 57	7 22	1 9	19 35	2 10	7 37	0 47	4 9	1 18	18 29	3 6	1 18	1 12	3 31	16 46	6 31
W20	23 16	23 12	4 17	24 16	0 59	22 45	1 29	23 28	0 57	7 25	1 9	19 35	2 10	7 37	0 46	4 9	1 18	18 29	3 6	1 14	1 11	3 28	16 46	6 31
T 21	23 17	18 31	3 31	24 22	1 5	22 33	1 31	23 23	0 57	7 28	1 9	19 34	2 10	7 36	0 46	4 9	1 18	18 30	3 7	1 11	1 10	3 25	16 46	6 31
F 22	23 17	12 48	2 32	24 28	1 11	22 21	1 32	23 18	0 57	7 31	1 9	19 34	2 10	7 35	0 46	4 9	1 18	18 30	3 7	1 10	1 8	3 21	16 46	6 31
S 23	23 17	6 25	1 23	24 32	1 16	22 8	1 34	23 13	0 58	7 34	1 10	19 33	2 9	7 35	0 46	4 9	1 18	18 30	3 7	1 9	1 7	3 18	16 46	6 31
S 24	23 17	0s15	0 10	24 35	1 22	21 55	1 35	23 8	0 58	7 37	1 10	19 33	2 9	7 34	0 46	4 9	1 18	18 31	3 7	1 9	1 6	3 14	16 46	6 31
M25	23 16	6 52	1s 4	24 37	1 27	21 41	1 36	23 2	0 58	7 39	1 10	19 32	2 9	7 33	0 46	4 9	1 18	18 31	3 7	1 9	1 5	3 11	16 46	6 31
T 26	23 14	13 8	2 13	24 37	1 32	21 26	1 37	22 56	0 59	7 42	1 10	19 32	2 9	7 33	0 46	4 9	1 18	18 31	3 7	1 8	1 3	3 8	16 46	6 31
W27	23 12	18 42	3 14	24 36	1 36	21 11	1 39	22 50	0 59	7 45	1 10	19 31	2 9	7 32	0 46	4 9	1 17	18 32	3 7	1 7	1 2	3 4	16 46	6 31
T 28	23 10	23 14	4 3	24 34	1 41	20 55	1 40	22 44	0 59	7 47	1 11	19 31	2 9	7 31	0 46	4 10	1 17	18 32	3 7	1 4	1 1	3 1	16 46	6 31
F 29	23 7	26 26	4 38	24 30	1 45	20 38	1 41	22 37	0 59	7 50	1 11	19 31	2 8	7 31	0 46	4 10	1 17	18 33	3 8	1 0	1 0	2 57	16 46	6 31
S 30	23 4	28 5	4 57	24 25	1 49	20 21	1 42	22 30	1 0	7 52	1 11	19 30	2 8	7 30	0 46	4 10	1 17	18 33	3 8	0 55	0 58	2 54	16 46	6 31
S 31	23s 0	28s 5	4s59	24s19	1s53	20s 4	1s43	22s23	1s 0	7s55	1n11	19n30	2s 8	7s29	0s46	4n10	1s17	18n34	3n 8	0n50	0n57	2s50	16n46	6s31

Julian Day Number = 2882134.5, Delta T = 01h15m59s
Ecliptic obliquity = 23°17'21, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°15'01, Lahiri = 40°22'02

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ASTRODIENST EPHEMERIS for the year 3179
geocentric

JANUARY 3179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 42 3	9♑47'01	19♑59	16♑39	8♒15	23♑23	23♎27	8°R34	12♓41	13♈39	17°R12	1°R53	2♈21	24♓35	29°R 6	M 1
T 2	6 45 59	10°47'58	2♒42	18°13	9°29	24° 8	23°34	8♊30	12°43	13°39	17♌11	1♈40	2°18	24°41	29♊ 3	T 2
W 3	6 49 56	11°48'57	15° 9	19°48	10°43	24°54	23°41	8°27	12°45	13°40	17°10	1°30	2°15	24°48	28°59	W 3
T 4	6 53 52	12°49'56	27°20	21°22	11°58	25°40	23°47	8°23	12°47	13°40	17° 9	1°22	2°12	24°55	28°56	T 4
F 5	6 57 49	13°50'55	9♓19	22°57	13°12	26°25	23°53	8°20	12°49	13°40	17° 8	1°18	2° 9	25° 1	28°52	F 5
S 6	7 1 45	14°51'55	21°10	24°32	14°26	27°11	24° 0	8°16	12°51	13°41	17° 7	1°16	2° 5	25° 8	28°49	S 6
S 7	7 5 42	15°52'55	2♈57	26° 6	15°41	27°57	24° 6	8°13	12°53	13°41	17° 6	1°D15	2° 2	25°14	28°46	S 7
M 8	7 9 39	16°53'56	14°46	27°41	16°55	28°43	24°11	8°10	12°55	13°41	17° 5	1°R16	1°59	25°21	28°42	M 8
T 9	7 13 35	17°54'57	26°41	29°16	18° 9	29°28	24°17	8° 6	12°58	13°42	17° 4	1°15	1°56	25°28	28°39	T 9
W10	7 17 32	18°55'58	8♉50	0♒50	19°23	0♒14	24°23	8° 3	13° 0	13°43	17° 3	1°13	1°53	25°34	28°36	W10
T 11	7 21 28	19°57'00	21°16	2°25	20°37	1° 0	24°28	8° 0	13° 2	13°43	17° 2	1° 9	1°50	25°41	28°33	T 11
F 12	7 25 25	20°58'02	4♊ 4	3°59	21°51	1°46	24°33	7°58	13° 5	13°44	17° 0	1° 2	1°46	25°48	28°30	F 12
S 13	7 29 21	21°59'04	17°16	5°33	23° 5	2°32	24°38	7°55	13° 7	13°44	16°59	0°53	1°43	25°54	28°27	S 13
S 14	7 33 18	23° 0'06	0♋54	7° 7	24°20	3°18	24°43	7°52	13°10	13°45	16°58	0°42	1°40	26° 1	28°23	S 14
M15	7 37 15	24° 1'09	14°55	8°40	25°34	4° 5	24°48	7°49	13°12	13°46	16°57	0°31	1°37	26° 8	28°20	M15
T 16	7 41 11	25° 2'12	29°14	10°13	26°48	4°51	24°52	7°47	13°15	13°46	16°56	0°20	1°34	26°14	28°17	T 16
W17	7 45 8	26° 3'15	13♌46	11°45	28° 1	5°37	24°57	7°44	13°18	13°47	16°54	0°11	1°31	26°21	28°14	W17
T 18	7 49 4	27° 4'19	28°23	13°16	29°15	6°23	25° 1	7°42	13°20	13°48	16°53	0° 5	1°27	26°28	28°11	T 18
F 19	7 53 1	28° 5'23	13♍ 0	14°45	0♓29	7° 9	25° 5	7°40	13°23	13°49	16°52	0° 1	1°24	26°34	28° 9	F 19
S 20	7 56 57	29° 6'27	27°29	16°14	1°43	7°56	25° 9	7°38	13°25	13°50	16°51	0°D 0	1°21	26°41	28° 6	S 20
S 21	8 0 54	0♒ 7'31	11♎48	17°40	2°57	8°42	25°13	7°36	13°28	13°51	16°49	0° 0	1°18	26°48	28° 3	S 21
M22	8 4 50	1° 8'36	25°54	19° 5	4°11	9°28	25°16	7°34	13°31	13°52	16°48	0°R 1	1°15	26°54	28° 0	M22
T 23	8 8 47	2° 9'42	9♏47	20°27	5°24	10°15	25°20	7°32	13°34	13°53	16°47	0° 1	1°11	27° 1	27°57	T 23
W24	8 12 44	3°10'48	23°27	21°46	6°38	11° 1	25°23	7°30	13°37	13°54	16°46	29♓59	1° 8	27° 7	27°55	W24
T 25	8 16 40	4°11'54	6♐55	23° 2	7°52	11°48	25°26	7°29	13°39	13°55	16°44	29°55	1° 5	27°14	27°52	T 25
F 26	8 20 37	5°13'01	20°10	24°14	9° 5	12°35	25°29	7°27	13°42	13°56	16°43	29°48	1° 2	27°21	27°49	F 26
S 27	8 24 33	6°14'07	3♑14	25°21	10°19	13°21	25°31	7°26	13°45	13°57	16°42	29°39	0°59	27°27	27°47	S 27
S 28	8 28 30	7°15'14	16° 5	26°22	11°33	14° 8	25°34	7°25	13°48	13°58	16°40	29°29	0°56	27°34	27°44	S 28
M29	8 32 26	8°16'21	28°44	27°17	12°46	14°54	25°36	7°23	13°51	13°59	16°39	29°19	0°52	27°41	27°42	M29
T 30	8 36 23	9°17'27	11♒11	28° 5	13°59	15°41	25°38	7°22	13°54	14° 0	16°38	29°10	0°49	27°47	27°40	T 30
W31	8 40 19	10♒18'33	23♒26	28♒45	15♓13	16♒28	25♎40	7♊21	13♓57	14♈ 1	16♌36	29♓ 2	0♈46	27♓54	27♊37	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s56	26s31	4s45	24s11	1s57	19s45	1s43	22s16	1s 0	7s57	1n11	19n29	2s 8	7s28	0s46	4n10	1s17	18n34	3n 8	0n44	0n56	2s47	16n46	6s31
T 2	22 51	23 37	4 18	24 2	2 0	19 26	1 44	22 8	1 0	7 59	1 12	19 29	2 8	7 27	0 46	4 10	1 17	18 34	3 8	0 40	0 55	2 44	16 46	6 31
W 3	22 46	19 40	3 38	23 52	2 3	19 7	1 45	22 1	1 1	8 1	1 12	19 29	2 7	7 27	0 46	4 10	1 17	18 35	3 8	0 36	0 53	2 40	16 46	6 31
T 4	22 40	14 58	2 49	23 40	2 5	18 47	1 45	21 52	1 1	8 3	1 12	19 28	2 7	7 26	0 46	4 10	1 17	18 35	3 8	0 33	0 52	2 37	16 46	6 31
F 5	22 34	9 47	1 54	23 27	2 7	18 27	1 46	21 44	1 1	8 6	1 12	19 28	2 7	7 25	0 46	4 11	1 17	18 36	3 8	0 31	0 51	2 33	16 46	6 31
S 6	22 28	4 18	0 53	23 12	2 9	18 6	1 46	21 36	1 1	8 8	1 13	19 28	2 7	7 24	0 46	4 11	1 17	18 36	3 9	0 30	0 50	2 30	16 46	6 31
S 7	22 21	1n18	0n 9	22 56	2 11	17 44	1 47	21 27	1 1	8 10	1 13	19 27	2 7	7 23	0 46	4 11	1 17	18 37	3 9	0 30	0 48	2 26	16 46	6 31
M 8	22 14	6 53	1 11	22 39	2 12	17 22	1 47	21 18	1 2	8 11	1 13	19 27	2 6	7 22	0 46	4 11	1 17	18 37	3 9	0 30	0 47	2 23	16 46	6 31
T 9	22 6	12 16	2 11	22 21	2 13	17 0	1 47	21 9	1 2	8 13	1 13	19 27	2 6	7 21	0 46	4 11	1 17	18 37	3 9	0 30	0 46	2 20	16 46	6 31
W10	21 58	17 17	3 6	22 1	2 13	16 37	1 47	20 59	1 2	8 15	1 13	19 26	2 6	7 21	0 46	4 12	1 17	18 38	3 9	0 29	0 45	2 16	16 46	6 31
T 11	21 49	21 43	3 53	21 40	2 13	16 14	1 47	20 49	1 2	8 17	1 14	19 26	2 6	7 20	0 46	4 12	1 17	18 38	3 9	0 27	0 43	2 13	16 46	6 31
F 12	21 40	25 15	4 30	21 17	2 12	15 50	1 47	20 39	1 2	8 19	1 14	19 26	2 5	7 19	0 46	4 12	1 17	18 39	3 9	0 25	0 42	2 9	16 46	6 31
S 13	21 30	27 34	4 54	20 53	2 11	15 26	1 47	20 29	1 3	8 20	1 14	19 26	2 5	7 18	0 46	4 12	1 17	18 39	3 9	0 21	0 41	2 6	16 46	6 31
S 14	21 21	28 20	5 3	20 28	2 10	15 1	1 47	20 19	1 3	8 22	1 14	19 26	2 5	7 17	0 46	4 13	1 17	18 40	3 9	0 17	0 40	2 2	16 46	6 30
M15	21 10	27 19	4 53	20 2	2 8	14 36	1 47	20 8	1 3	8 23	1 15	19 25	2 5	7 16	0 46	4 13	1 17	18 40	3 10	0 12	0 38	1 59	16 46	6 30
T 16	20 59	24 31	4 26	19 35	2 5	14 11	1 47	19 57	1 3	8 25	1 15	19 25	2 5	7 15	0 46	4 13	1 17	18 41	3 10	0 8	0 37	1 56	16 47	6 30
W17	20 48	20 6	3 40	19 6	2 1	13 45	1 46	19 46	1 3	8 26	1 15	19 25	2 4	7 14	0 46	4 14	1 17	18 41	3 10	0 4	0 36	1 52	16 47	6 30
T 18	20 37	14 28	2 40	18 37	1 57	13 19	1 46	19 35	1 3	8 27	1 15	19 25	2 4	7 13	0 46	4 14	1 17	18 42	3 10	0 2	0 35	1 49	16 47	6 30
F 19	20 25	8 1	1 30	18 6	1 53	12 52	1 45	19 24	1 4	8 29	1 16	19 25	2 4	7 12	0 46	4 14	1 17	18 42	3 10	0 1	0 33	1 45	16 47	6 30
S 20	20 13	1 12	0 13	17 35	1 47	12 25	1 44	19 12	1 4	8 30	1 16	19 25	2 4	7 11	0 45	4 15	1 17	18 43	3 10	0 0	0 32	1 42	16 47	6 29
S 21	20 0	5s36	1s 3	17 3	1 41	11 58	1 44	19 0	1 4	8 31	1 16	19 25	2 3	7 10	0 45	4 15	1 17	18 43	3 10	0 0	0 31	1 38	16 47	6 29
M22	19 47	12 2	2 14	16 30	1 34	11 31	1 43	18 48	1 4	8 32	1 16	19 25	2 3	7 8	0 45	4 15	1 16	18 43	3 10	0 0	0 30	1 35	16 47	6 29
T 23	19 33	17 45	3 16	15 56	1 26	11 3	1 42	18 36	1 4	8 33	1 17	19 25	2 3	7 7	0 45	4 16	1 16	18 44	3 10	0 0	0 28	1 32	16 48	6 29
W24	19 19	22 29	4 6	15 23	1 17	10 35	1 41	18 23	1 4	8 34	1 17	19 25	2 3	7 6	0 45	4 16	1 16	18 44	3 10	0s 0	0 27	1 28	16 48	6 29
T 25	19 5	25 57	4 42	14 49	1 8	10 7	1 40	18 10	1 4	8 35	1 17	19 25	2 2	7 5	0 45	4 17	1 16	18 45	3 10	0 2	0 26	1 25	16 48	6 28
F 26	18 51	27 56	5 1	14 15	0 57	9 38	1 39	17 57	1 4	8 35	1 17	19 25	2 2	7 4	0 45	4 17	1 16	18 45	3 11	0 5	0 24	1 21	16 48	6 28
S 27	18 36	28 20	5 5	13 42	0 45	9 9	1 37	17 44	1 4	8 36	1 18	19 25	2 2	7 3	0 45	4 18	1 16	18 46	3 11	0 8	0 23	1 18	16 48	6 28
S 28	18 21	27 11	4 53	13 10	0 33	8 40	1 36	17 31	1 5	8 37	1 18	19 25	2 1	7 2	0 45	4 18	1 16	18 46	3 11	0 12	0 22	1 14	16 49	6 28
M29	18 5	24 38	4 27	12 38	0 19	8 11	1 34	17 17	1 5	8 37	1 18	19 25	2 1	7 1	0 45	4 19	1 16	18 47	3 11	0 16	0 21	1 11	16 49	6 27
T 30	17 49	20 58	3 48	12 8	0 4	7 41	1 33	17 4	1 5	8 38	1 18	19 25	2 1	6 59	0 45	4 19	1 16	18 47	3 11	0 20	0 19	1 7	16 49	6 27
W31	17s33	16s27	2s59	11s40	0n11	7s12	1s31	16s50	1s 5	8s38	1n19	19n25	2s 1	6s58	0s45	4n20	1s16	18n48	3n11	0s23	0n18	1s 4	16n49	6s27

Julian Day Number = 2882165.5, Delta T = 01h15m59s
Ecliptic obliquity = 23°17'21, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°15'06, Lahiri = 40°22'06

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ASTRODIENST EPHEMERIS for the year 3179
geocentric

FEBRUARY 3179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 44 16	11♒19'39	5♓30	29♒16	16♓26	17♒15	25♎42	7°R21	14♓ 0	14♈ 3	16°R35	28°R57	0♈43	28♓ 1	27°R35	T 1
F 2	8 48 13	12°20'45	17°25	29°38	17°40	18° 1	25°43	7♊20	14° 3	14° 4	16♌34	28♓54	0°40	28° 7	27♊33	F 2
S 3	8 52 9	13°21'49	29°13	29°R48	18°53	18°48	25°45	7°19	14° 6	14° 5	16°32	28°D53	0°37	28°14	27°31	S 3
S 4	8 56 6	14°22'54	10♈59	29°48	20° 6	19°35	25°46	7°19	14° 9	14° 7	16°31	28°54	0°33	28°21	27°29	S 4
M 5	9 0 2	15°23'57	22°47	29°35	21°19	20°22	25°47	7°18	14°12	14° 8	16°30	28°55	0°30	28°27	27°27	M 5
T 6	9 3 59	16°25'01	4♉41	29°12	22°32	21° 9	25°47	7°18	14°16	14° 9	16°28	28°57	0°27	28°34	27°25	T 6
W 7	9 7 55	17°26'03	16°47	28°36	23°45	21°56	25°48	7°18	14°19	14°11	16°27	28°R57	0°24	28°40	27°23	W 7
T 8	9 11 52	18°27'05	29°10	27°50	24°58	22°43	25°48	7°D18	14°22	14°12	16°26	28°57	0°21	28°47	27°21	T 8
F 9	9 15 48	19°28'05	11♊54	26°54	26°11	23°30	25°49	7°18	14°25	14°14	16°24	28°54	0°17	28°54	27°19	F 9
S 10	9 19 45	20°29'05	25° 4	25°50	27°24	24°17	25°R49	7°18	14°28	14°15	16°23	28°50	0°14	29° 0	27°18	S 10
S 11	9 23 42	21°30'05	8♋42	24°39	28°36	25° 4	25°48	7°18	14°32	14°17	16°22	28°45	0°11	29° 7	27°16	S 11
M12	9 27 38	22°31'03	22°47	23°24	29°49	25°51	25°48	7°19	14°35	14°18	16°20	28°39	0° 8	29°14	27°14	M12
T 13	9 31 35	23°32'00	7♌17	22° 8	1♈ 2	26°38	25°47	7°19	14°38	14°20	16°19	28°33	0° 5	29°20	27°13	T 13
W14	9 35 31	24°32'57	22° 6	20°52	2°14	27°25	25°47	7°20	14°42	14°21	16°18	28°29	0° 2	29°27	27°12	W14
T 15	9 39 28	25°33'53	7♍ 5	19°38	3°27	28°12	25°46	7°21	14°45	14°23	16°16	28°25	29♓58	29°34	27°10	T 15
F 16	9 43 24	26°34'48	22° 6	18°29	4°39	28°59	25°45	7°22	14°48	14°25	16°15	28°D24	29°55	29°40	27° 9	F 16
S 17	9 47 21	27°35'42	7♎ 1	17°26	5°51	29°47	25°43	7°23	14°52	14°26	16°14	28°24	29°52	29°47	27° 8	S 17
S 18	9 51 17	28°36'36	21°42	16°31	7° 3	0♓34	25°42	7°24	14°55	14°28	16°13	28°25	29°49	29°54	27° 6	S 18
M19	9 55 14	29°37'29	6♏ 5	15°43	8°15	1°21	25°40	7°25	14°58	14°30	16°11	28°27	29°46	0♈ 0	27° 5	M19
T 20	9 59 11	0♓38'21	20° 8	15° 4	9°27	2° 8	25°38	7°26	15° 2	14°31	16°10	28°28	29°43	0° 7	27° 4	T 20
W21	10 3 7	1°39'13	3♐50	14°33	10°39	2°55	25°36	7°28	15° 5	14°33	16° 9	28°R28	29°39	0°13	27° 3	W21
T 22	10 7 4	2°40'05	17°12	14°12	11°51	3°43	25°34	7°29	15° 8	14°35	16° 7	28°27	29°36	0°20	27° 3	T 22
F 23	10 11 0	3°40'55	0♑15	13°58	13° 3	4°30	25°31	7°31	15°12	14°37	16° 6	28°25	29°33	0°27	27° 2	F 23
S 24	10 14 57	4°41'45	13° 2	13°D53	14°14	5°17	25°29	7°32	15°15	14°39	16° 5	28°22	29°30	0°33	27° 1	S 24
S 25	10 18 53	5°42'34	25°35	13°55	15°26	6° 5	25°26	7°34	15°19	14°41	16° 4	28°19	29°27	0°40	27° 0	S 25
M26	10 22 50	6°43'22	7♒56	14° 4	16°37	6°52	25°23	7°36	15°22	14°42	16° 2	28°15	29°23	0°47	27° 0	M26
T 27	10 26 46	7°44'09	20° 7	14°20	17°49	7°39	25°20	7°38	15°26	14°44	16° 1	28°11	29°20	0°53	26°59	T 27
W28	10 30 43	8♓44'55	2♓ 9	14♒42	19♈ 0	8♓27	25♎16	7♊40	15♓29	14♈46	16♌ 0	28♓ 9	29♓17	1♈ 0	26♊59	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s16	11s21	2s 3	11s14	0n27	6s42	1s30	16s36	1s 5	8s39	1n19	19n25	2s 0	6s57	0s45	4n20	1s16	18n48	3n11	0s25	0n17	1s 1	16n49	6s27
F 2	16 59	5 53	1 2	10 50	0 44	6 12	1 28	16 22	1 5	8 39	1 19	19 25	2 0	6 56	0 45	4 21	1 16	18 49	3 11	0 26	0 16	0 57	16 50	6 26
S 3	16 42	0 17	0n 2	10 30	1 2	5 42	1 26	16 7	1 5	8 39	1 19	19 26	2 0	6 55	0 45	4 21	1 16	18 49	3 11	0 26	0 14	0 54	16 50	6 26
S 4	16 25	5n19	1 5	10 13	1 20	5 11	1 24	15 53	1 5	8 39	1 20	19 26	2 0	6 54	0 45	4 22	1 16	18 50	3 11	0 26	0 13	0 50	16 50	6 26
M 5	16 7	10 46	2 6	10 0	1 38	4 41	1 22	15 38	1 5	8 40	1 20	19 26	1 59	6 52	0 45	4 22	1 16	18 50	3 11	0 26	0 12	0 47	16 50	6 26
T 6	15 49	15 52	3 2	9 52	1 56	4 10	1 20	15 23	1 5	8 40	1 20	19 26	1 59	6 51	0 45	4 23	1 16	18 51	3 11	0 25	0 11	0 43	16 51	6 25
W 7	15 31	20 26	3 51	9 48	2 14	3 39	1 18	15 8	1 5	8 40	1 20	19 26	1 59	6 50	0 45	4 23	1 16	18 51	3 11	0 25	0 9	0 40	16 51	6 25
T 8	15 12	24 15	4 30	9 48	2 30	3 9	1 16	14 53	1 5	8 40	1 21	19 27	1 58	6 49	0 45	4 24	1 16	18 52	3 12	0 25	0 8	0 37	16 51	6 25
F 9	14 53	26 59	4 58	9 52	2 46	2 38	1 13	14 38	1 5	8 39	1 21	19 27	1 58	6 47	0 45	4 25	1 16	18 52	3 12	0 26	0 7	0 33	16 51	6 24
S 10	14 34	28 22	5 10	10 1	2 59	2 7	1 11	14 22	1 5	8 39	1 21	19 27	1 58	6 46	0 45	4 25	1 16	18 52	3 12	0 28	0 6	0 30	16 52	6 24
S 11	14 15	28 6	5 7	10 13	3 11	1 36	1 8	14 6	1 5	8 39	1 21	19 28	1 58	6 45	0 45	4 26	1 16	18 53	3 12	0 30	0 4	0 26	16 52	6 24
M12	13 55	26 3	4 44	10 28	3 21	1 5	1 6	13 51	1 5	8 38	1 22	19 28	1 57	6 44	0 45	4 26	1 16	18 53	3 12	0 32	0 3	0 23	16 52	6 23
T 13	13 35	22 15	4 3	10 46	3 27	0 34	1 3	13 35	1 5	8 38	1 22	19 28	1 57	6 42	0 45	4 27	1 16	18 54	3 12	0 34	0 2	0 19	16 53	6 23
W14	13 15	16 59	3 5	11 6	3 32	0 2	1 0	13 19	1 5	8 37	1 22	19 29	1 57	6 41	0 45	4 28	1 16	18 54	3 12	0 36	0 1	0 16	16 53	6 23
T 15	12 55	10 37	1 54	11 27	3 34	0n29	0 57	13 2	1 5	8 37	1 22	19 29	1 57	6 40	0 45	4 28	1 16	18 55	3 12	0 37	0s 1	0 12	16 53	6 22
F 16	12 35	3 39	0 34	11 49	3 33	1 0	0 55	12 46	1 5	8 36	1 23	19 29	1 56	6 38	0 45	4 29	1 16	18 55	3 12	0 38	0 2	0 9	16 54	6 22
S 17	12 14	3s29	0s47	12 10	3 30	1 31	0 52	12 30	1 5	8 36	1 23	19 30	1 56	6 37	0 45	4 30	1 16	18 56	3 12	0 38	0 3	0 6	16 54	6 22
S 18	11 53	10 20	2 4	12 31	3 25	2 2	0 49	12 13	1 5	8 35	1 23	19 30	1 56	6 36	0 45	4 30	1 16	18 56	3 12	0 38	0 4	0 2	16 54	6 21
M19	11 32	16 30	3 12	12 51	3 19	2 33	0 46	11 56	1 5	8 34	1 23	19 31	1 55	6 35	0 45	4 31	1 16	18 57	3 12	0 37	0 6	0n 1	16 54	6 21
T 20	11 11	21 38	4 7	13 10	3 11	3 4	0 42	11 39	1 5	8 33	1 24	19 31	1 55	6 33	0 45	4 32	1 16	18 57	3 12	0 36	0 7	0 5	16 55	6 21
W21	10 49	25 28	4 46	13 28	3 2	3 35	0 39	11 22	1 5	8 32	1 24	19 32	1 55	6 32	0 45	4 32	1 16	18 57	3 12	0 36	0 8	0 8	16 55	6 20
T 22	10 28	27 48	5 8	13 44	2 51	4 6	0 36	11 5	1 4	8 31	1 24	19 32	1 55	6 31	0 45	4 33	1 16	18 58	3 12	0 37	0 9	0 12	16 55	6 20
F 23	10 6	28 32	5 14	13 58	2 40	4 37	0 33	10 48	1 4	8 30	1 24	19 33	1 54	6 29	0 45	4 34	1 16	18 58	3 12	0 37	0 11	0 15	16 56	6 20
S 24	9 44	27 42	5 4	14 11	2 29	5 8	0 29	10 31	1 4	8 29	1 25	19 33	1 54	6 28	0 45	4 34	1 16	18 59	3 12	0 39	0 12	0 18	16 56	6 19
S 25	9 22	25 28	4 40	14 21	2 17	5 39	0 26	10 13	1 4	8 28	1 25	19 34	1 54	6 27	0 45	4 35	1 15	18 59	3 12	0 40	0 13	0 22	16 57	6 19
M26	8 59	22 4	4 2	14 30	2 5	6 9	0 22	9 56	1 4	8 26	1 25	19 34	1 54	6 25	0 45	4 36	1 15	19 0	3 13	0 42	0 14	0 25	16 57	6 19
T 27	8 37	17 46	3 15	14 38	1 53	6 40	0 18	9 38	1 4	8 25	1 25	19 35	1 53	6 24	0 45	4 37	1 15	19 0	3 13	0 43	0 16	0 29	16 57	6 18
W28	8s14	12s48	2s19	14s43	1n40	7n10	0s15	9s20	1s 4	8s23	1n25	19n36	1s53	6s23	0s45	4n37	1s15	19n 0	3n13	0s44	0s17	0n32	16n58	6s18

Julian Day Number = 2882196.5, Delta T = 01h16m00s
Ecliptic obliquity = 23°17'22, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°15'10, Lahiri = 40°22'10

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ASTRODIENST EPHEMERIS for the year 3179
geocentric

MARCH 3179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 34 40	9♓45'39	14♓ 4	15♒10	20♈11	9♓14	25°R13	7♊43	15♓33	14♈48	15°R59	28°R 7	29♓14	1♈ 7	26°R59	T 1
F 2	10 38 36	10°46'22	25°54	15°43	21°22	10° 1	25♎ 9	7°45	15°36	14°50	15♌58	28°D 6	29°11	1°13	26♊58	F 2
S 3	10 42 33	11°47'04	7♈41	16°21	22°33	10°49	25° 5	7°48	15°39	14°52	15°56	28♓ 7	29° 8	1°20	26°58	S 3
S 4	10 46 29	12°47'45	19°28	17° 3	23°44	11°36	25° 1	7°50	15°43	14°54	15°55	28° 8	29° 4	1°27	26°58	S 4
M 5	10 50 26	13°48'24	1♉17	17°49	24°54	12°23	24°57	7°53	15°46	14°56	15°54	28° 9	29° 1	1°33	26°D58	M 5
T 6	10 54 22	14°49'02	13°13	18°39	26° 5	13°11	24°52	7°56	15°50	14°58	15°53	28°10	28°58	1°40	26°58	T 6
W 7	10 58 19	15°49'38	25°19	19°32	27°15	13°58	24°48	7°59	15°53	15° 0	15°52	28°11	28°55	1°46	26°58	W 7
T 8	11 2 15	16°50'12	7♊40	20°28	28°26	14°46	24°43	8° 2	15°57	15° 2	15°51	28°12	28°52	1°53	26°58	T 8
F 9	11 6 12	17°50'45	20°19	21°28	29°36	15°33	24°38	8° 5	16° 0	15° 4	15°49	28°R12	28°49	2° 0	26°58	F 9
S 10	11 10 9	18°51'17	3♋22	22°29	0♉46	16°21	24°33	8° 8	16° 4	15° 6	15°48	28°12	28°45	2° 6	26°59	S 10
S 11	11 14 5	19°51'46	16°51	23°34	1°56	17° 8	24°28	8°11	16° 7	15° 8	15°47	28°11	28°42	2°13	26°59	S 11
M12	11 18 2	20°52'14	0♌47	24°40	3° 5	17°55	24°23	8°15	16°11	15°11	15°46	28°10	28°39	2°20	27° 0	M12
T 13	11 21 58	21°52'40	15°11	25°49	4°15	18°43	24°17	8°18	16°14	15°13	15°45	28° 9	28°36	2°26	27° 0	T 13
W14	11 25 55	22°53'04	29°58	27° 0	5°24	19°30	24°12	8°22	16°18	15°15	15°44	28° 9	28°33	2°33	27° 1	W14
T 15	11 29 51	23°53'26	15♍ 2	28°12	6°34	20°18	24° 6	8°25	16°21	15°17	15°43	28° 9	28°29	2°40	27° 1	T 15
F 16	11 33 48	24°53'47	0♎15	29°27	7°43	21° 5	24° 0	8°29	16°24	15°19	15°42	28°D 8	28°26	2°46	27° 2	F 16
S 17	11 37 44	25°54'06	15°27	0♓43	8°52	21°52	23°54	8°33	16°28	15°21	15°41	28° 9	28°23	2°53	27° 3	S 17
S 18	11 41 41	26°54'23	0♏29	2° 1	10° 0	22°40	23°48	8°37	16°31	15°23	15°40	28° 9	28°20	3° 0	27° 4	S 18
M19	11 45 38	27°54'39	15°12	3°20	11° 9	23°27	23°41	8°41	16°35	15°26	15°39	28°R 9	28°17	3° 6	27° 5	M19
T 20	11 49 34	28°54'54	29°32	4°40	12°17	24°15	23°35	8°45	16°38	15°28	15°38	28° 9	28°14	3°13	27° 6	T 20
W21	11 53 31	29°55'08	13♐25	6° 3	13°26	25° 2	23°29	8°49	16°42	15°30	15°37	28° 9	28°10	3°20	27° 7	W21
T 22	11 57 27	0♈55'20	26°53	7°26	14°34	25°50	23°22	8°54	16°45	15°32	15°37	28°D 9	28° 7	3°26	27° 8	T 22
F 23	12 1 24	1°55'31	9♑56	8°51	15°42	26°37	23°15	8°58	16°48	15°34	15°36	28° 9	28° 4	3°33	27° 9	F 23
S 24	12 5 20	2°55'40	22°38	10°17	16°49	27°24	23° 8	9° 3	16°52	15°37	15°35	28° 9	28° 1	3°39	27°11	S 24
S 25	12 9 17	3°55'48	5♒ 2	11°44	17°57	28°12	23° 1	9° 7	16°55	15°39	15°34	28° 9	27°58	3°46	27°12	S 25
M26	12 13 13	4°55'54	17°12	13°13	19° 4	28°59	22°54	9°12	16°58	15°41	15°33	28°10	27°54	3°53	27°14	M26
T 27	12 17 10	5°55'58	29°11	14°43	20°11	29°46	22°47	9°17	17° 2	15°43	15°32	28°11	27°51	3°59	27°15	T 27
W28	12 21 7	6°56'01	11♓ 4	16°14	21°18	0♈34	22°40	9°21	17° 5	15°46	15°32	28°11	27°48	4° 6	27°17	W28
T 29	12 25 3	7°56'02	22°52	17°46	22°25	1°21	22°33	9°26	17° 8	15°48	15°31	28°R12	27°45	4°13	27°19	T 29
F 30	12 29 0	8°56'01	4♈39	19°19	23°31	2° 9	22°26	9°31	17°12	15°50	15°30	28°12	27°42	4°19	27°20	F 30
S 31	12 32 56	9♈55'59	16♈27	20♓54	24♉37	2♈56	22♎18	9♊36	17♓15	15♈52	15♌29	28♓11	27♓39	4♈26	27♊22	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s52	7s25	1s17	14s47	1n28	7n40	0s11	9s 3	1s 4	8s22	1n26	19n36	1s53	6s21	0s45	4n38	1s15	19n 1	3n13	0s45	0s18	0n36	16n58	6s17
F 2	7 29	1 48	0 12	14 49	1 16	8 10	0 7	8 45	1 3	8 20	1 26	19 37	1 52	6 20	0 45	4 39	1 15	19 1	3 13	0 45	0 19	0 39	16 58	6 17
S 3	7 6	3n51	0n53	14 49	1 4	8 40	0 3	8 27	1 3	8 19	1 26	19 38	1 52	6 19	0 45	4 40	1 15	19 2	3 13	0 45	0 21	0 43	16 59	6 17
S 4	6 43	9 21	1 56	14 47	0 53	9 10	0n 0	8 9	1 3	8 17	1 26	19 38	1 52	6 17	0 45	4 41	1 15	19 2	3 13	0 44	0 22	0 46	16 59	6 16
M 5	6 20	14 34	2 54	14 45	0 41	9 39	0 4	7 50	1 3	8 15	1 26	19 39	1 52	6 16	0 45	4 41	1 15	19 2	3 13	0 44	0 23	0 49	17 0	6 16
T 6	5 57	19 17	3 45	14 40	0 30	10 8	0 8	7 32	1 3	8 14	1 27	19 40	1 51	6 15	0 45	4 42	1 15	19 3	3 13	0 43	0 24	0 53	17 0	6 15
W 7	5 33	23 17	4 27	14 34	0 19	10 37	0 12	7 14	1 3	8 12	1 27	19 40	1 51	6 13	0 45	4 43	1 15	19 3	3 13	0 43	0 26	0 56	17 0	6 15
T 8	5 10	26 21	4 57	14 26	0 9	11 6	0 16	6 56	1 2	8 10	1 27	19 41	1 51	6 12	0 45	4 44	1 15	19 3	3 13	0 43	0 27	1 0	17 1	6 15
F 9	4 46	28 10	5 15	14 17	0s 2	11 35	0 20	6 37	1 2	8 8	1 27	19 42	1 51	6 11	0 45	4 44	1 15	19 4	3 13	0 43	0 28	1 3	17 1	6 14
S 10	4 23	28 31	5 16	14 7	0 12	12 3	0 25	6 19	1 2	8 6	1 27	19 43	1 50	6 9	0 45	4 45	1 15	19 4	3 13	0 43	0 30	1 7	17 1	6 14
S 11	3 59	27 13	5 1	13 55	0 21	12 31	0 29	6 0	1 2	8 4	1 28	19 43	1 50	6 8	0 45	4 46	1 15	19 4	3 13	0 43	0 31	1 10	17 2	6 14
M12	3 36	24 13	4 28	13 42	0 30	12 59	0 33	5 42	1 2	8 2	1 28	19 44	1 50	6 7	0 45	4 47	1 15	19 5	3 13	0 43	0 32	1 13	17 2	6 13
T 13	3 12	19 38	3 37	13 27	0 39	13 26	0 37	5 23	1 1	8 0	1 28	19 45	1 50	6 5	0 45	4 48	1 15	19 5	3 13	0 44	0 33	1 17	17 3	6 13
W14	2 48	13 46	2 30	13 11	0 48	13 54	0 41	5 4	1 1	7 57	1 28	19 46	1 49	6 4	0 45	4 49	1 15	19 5	3 13	0 44	0 35	1 20	17 3	6 12
T 15	2 25	6 58	1 12	12 54	0 56	14 21	0 46	4 46	1 1	7 55	1 28	19 47	1 49	6 3	0 45	4 49	1 15	19 6	3 13	0 44	0 36	1 24	17 3	6 12
F 16	2 1	0s17	0s12	12 35	1 4	14 47	0 50	4 27	1 1	7 53	1 29	19 47	1 49	6 1	0 45	4 50	1 15	19 6	3 13	0 44	0 37	1 27	17 4	6 12
S 17	1 37	7 30	1 35	12 16	1 11	15 13	0 54	4 8	1 1	7 50	1 29	19 48	1 49	6 0	0 45	4 51	1 15	19 6	3 13	0 44	0 38	1 31	17 4	6 11
S 18	1 13	14 14	2 50	11 55	1 18	15 39	0 59	3 49	1 0	7 48	1 29	19 49	1 48	5 59	0 45	4 52	1 15	19 7	3 13	0 44	0 40	1 34	17 5	6 11
M19	0 50	20 0	3 53	11 33	1 25	16 5	1 3	3 30	1 0	7 46	1 29	19 50	1 48	5 57	0 45	4 53	1 15	19 7	3 13	0 44	0 41	1 38	17 5	6 10
T 20	0 26	24 28	4 39	11 9	1 31	16 30	1 8	3 11	1 0	7 43	1 29	19 51	1 48	5 56	0 45	4 54	1 15	19 7	3 13	0 44	0 42	1 41	17 5	6 10
W21	0 2	27 21	5 8	10 45	1 37	16 55	1 12	2 52	1 0	7 41	1 29	19 52	1 48	5 55	0 45	4 54	1 15	19 8	3 13	0 44	0 43	1 44	17 6	6 10
T 22	0n22	28 33	5 18	10 19	1 43	17 19	1 16	2 33	0 59	7 38	1 29	19 53	1 47	5 53	0 45	4 55	1 15	19 8	3 13	0 44	0 45	1 48	17 6	6 9
F 23	0 46	28 6	5 11	9 52	1 48	17 44	1 21	2 14	0 59	7 36	1 30	19 53	1 47	5 52	0 45	4 56	1 15	19 8	3 13	0 44	0 46	1 51	17 7	6 9
S 24	1 9	26 10	4 50	9 24	1 53	18 7	1 25	1 55	0 59	7 33	1 30	19 54	1 47	5 51	0 45	4 57	1 15	19 8	3 13	0 44	0 47	1 55	17 7	6 9
S 25	1 33	23 0	4 15	8 55	1 57	18 31	1 30	1 36	0 58	7 30	1 30	19 55	1 47	5 50	0 45	4 58	1 15	19 9	3 13	0 44	0 48	1 58	17 7	6 8
M26	1 57	18 54	3 29	8 25	2 1	18 53	1 34	1 17	0 58	7 28	1 30	19 56	1 46	5 48	0 45	4 59	1 15	19 9	3 13	0 43	0 50	2 2	17 8	6 8
T 27	2 21	14 6	2 34	7 54	2 5	19 16	1 39	0 58	0 58	7 25	1 30	19 57	1 46	5 47	0 45	5 0	1 15	19 9	3 13	0 43	0 51	2 5	17 8	6 7
W28	2 44	8 49	1 34	7 22	2 8	19 38	1 43	0 39	0 57	7 22	1 30	19 58	1 46	5 46	0 45	5 0	1 15	19 9	3 13	0 43	0 52	2 8	17 9	6 7
T 29	3 8	3 16	0 30	6 49	2 11	19 59	1 48	0 20	0 57	7 19	1 30	19 59	1 46	5 44	0 45	5 1	1 15	19 10	3 13	0 43	0 53	2 12	17 9	6 7
F 30	3 31	2n23	0n36	6 14	2 13	20 21	1 52	0 1	0 57	7 17	1 30	20 0	1 46	5 43	0 45	5 2	1 15	19 10	3 13	0 43	0 55	2 15	17 9	6 6
S 31	3n55	7n58	1n40	5s39	2s15	20n41	1n56	0n18	0s56	7s14	1n30	20n 1	1s45	5s42	0s45	5n 3	1s15	19n10	3n13	0s43	0s56	2n19	17n10	6s 6

Julian Day Number = 2882224.5, Delta T = 01h16m01s
Ecliptic obliquity = 23°17'22, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°15'14, Lahiri = 40°22'14

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ASTRODIENST EPHEMERIS for the year 3179
geocentric

APRIL 3179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 36 53	10♈55'55	28♈18	22♓30	25♉43	3♈43	22°R11	9♊42	17♓18	15♈55	15°R29	28°R10	27♓35	4♈33	27♊24	S 1
M 2	12 40 49	11°55'48	10♉13	24° 7	26°49	4°30	22♎ 3	9°47	17°21	15°57	15♌28	28♓ 8	27°32	4°39	27°26	M 2
T 3	12 44 46	12°55'40	22°16	25°45	27°55	5°18	21°56	9°52	17°25	15°59	15°27	28° 6	27°29	4°46	27°28	T 3
W 4	12 48 42	13°55'30	4♊28	27°24	29° 0	6° 5	21°48	9°57	17°28	16° 2	15°27	28° 3	27°26	4°53	27°30	W 4
T 5	12 52 39	14°55'18	16°53	29° 5	0♊ 5	6°52	21°40	10° 3	17°31	16° 4	15°26	28° 1	27°23	4°59	27°32	T 5
F 6	12 56 35	15°55'03	29°33	0♈46	1°10	7°40	21°33	10° 8	17°34	16° 6	15°26	28° 0	27°20	5° 6	27°34	F 6
S 7	13 0 32	16°54'47	12♋32	2°29	2°14	8°27	21°25	10°14	17°37	16° 8	15°25	27°D59	27°16	5°12	27°37	S 7
S 8	13 4 29	17°54'28	25°53	4°13	3°18	9°14	21°17	10°20	17°41	16°11	15°25	27°59	27°13	5°19	27°39	S 8
M 9	13 8 25	18°54'07	9♌37	5°59	4°22	10° 1	21°10	10°25	17°44	16°13	15°24	28° 0	27°10	5°26	27°42	M 9
T 10	13 12 22	19°53'44	23°45	7°46	5°26	10°48	21° 2	10°31	17°47	16°15	15°24	28° 1	27° 7	5°32	27°44	T 10
W11	13 16 18	20°53'18	8♍17	9°34	6°29	11°35	20°54	10°37	17°50	16°17	15°23	28° 3	27° 4	5°39	27°47	W11
T 12	13 20 15	21°52'50	23° 9	11°23	7°32	12°23	20°46	10°43	17°53	16°20	15°23	28°R 4	27° 0	5°46	27°49	T 12
F 13	13 24 11	22°52'20	8♎15	13°13	8°35	13°10	20°38	10°49	17°56	16°22	15°22	28° 3	26°57	5°52	27°52	F 13
S 14	13 28 8	23°51'48	23°26	15° 5	9°37	13°57	20°31	10°55	17°59	16°24	15°22	28° 2	26°54	5°59	27°54	S 14
S 15	13 32 4	24°51'14	8♏33	16°58	10°39	14°44	20°23	11° 1	18° 2	16°27	15°22	27°59	26°51	6° 6	27°57	S 15
M16	13 36 1	25°50'38	23°27	18°53	11°40	15°31	20°15	11° 7	18° 5	16°29	15°21	27°55	26°48	6°12	28° 0	M16
T 17	13 39 58	26°50'01	7♐59	20°48	12°41	16°18	20° 8	11°13	18° 7	16°31	15°21	27°51	26°45	6°19	28° 3	T 17
W18	13 43 54	27°49'21	22° 5	22°45	13°42	17° 5	20° 0	11°20	18°10	16°33	15°21	27°47	26°41	6°26	28° 6	W18
T 19	13 47 51	28°48'40	5♑43	24°44	14°43	17°52	19°52	11°26	18°13	16°36	15°21	27°44	26°38	6°32	28° 9	T 19
F 20	13 51 47	29°47'58	18°52	26°43	15°43	18°39	19°45	11°32	18°16	16°38	15°20	27°42	26°35	6°39	28°12	F 20
S 21	13 55 44	0♒47'13	1♒36	28°44	16°42	19°25	19°37	11°39	18°19	16°40	15°20	27°D41	26°32	6°46	28°15	S 21
S 22	13 59 40	1°46'27	13°59	0♒45	17°41	20°12	19°30	11°45	18°22	16°42	15°20	27°42	26°29	6°52	28°18	S 22
M23	14 3 37	2°45'39	26° 6	2°48	18°40	20°59	19°22	11°52	18°24	16°44	15°20	27°44	26°26	6°59	28°22	M23
T 24	14 7 33	3°44'49	8♓ 2	4°51	19°38	21°46	19°15	11°59	18°27	16°47	15°20	27°45	26°22	7° 5	28°25	T 24
W25	14 11 30	4°43'58	19°50	6°56	20°36	22°33	19° 8	12° 5	18°30	16°49	15°20	27°47	26°19	7°12	28°28	W25
T 26	14 15 27	5°43'04	1♈36	9° 0	21°33	23°20	19° 0	12°12	18°32	16°51	15°20	27°R47	26°16	7°19	28°32	T 26
F 27	14 19 23	6°42'09	13°23	11° 5	22°30	24° 6	18°53	12°19	18°35	16°53	15°19	27°45	26°13	7°25	28°35	F 27
S 28	14 23 20	7°41'12	25°14	13°11	23°26	24°53	18°46	12°25	18°37	16°55	15°D19	27°42	26°10	7°32	28°38	S 28
S 29	14 27 16	8°40'13	7♉11	15°16	24°22	25°40	18°39	12°32	18°40	16°57	15°19	27°37	26° 6	7°39	28°42	S 29
M30	14 31 13	9♉39'12	19♉17	17♉21	25♊17	26♈26	18♎32	12♊39	18♓42	17♈ 0	15♌20	27♓30	26♓ 3	7♈45	28♊46	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n18	13n17	2n39	5s 3	2s16	21n 1	2n 1	0n37	0s56	7s11	1n30	20n 2	1s45	5s41	0s45	5n 4	1s15	19n10	3n13	0s43	0s57	2n22	17n10	6s 6
M 2	4 41	18 9	3 32	4 26	2 17	21 21	2 5	0 56	0 56	7 8	1 31	20 3	1 45	5 39	0 45	5 5	1 15	19 10	3 13	0 44	0 58	2 26	17 11	6 5
T 3	5 4	22 21	4 17	3 48	2 18	21 40	2 10	1 15	0 55	7 5	1 31	20 4	1 45	5 38	0 45	5 6	1 15	19 11	3 13	0 45	1 0	2 29	17 11	6 5
W 4	5 28	25 39	4 50	3 9	2 18	21 59	2 14	1 34	0 55	7 2	1 31	20 5	1 45	5 37	0 45	5 7	1 15	19 11	3 13	0 46	1 1	2 32	17 11	6 5
T 5	5 51	27 47	5 10	2 29	2 18	22 18	2 18	1 52	0 55	7 0	1 31	20 6	1 44	5 36	0 45	5 7	1 15	19 11	3 13	0 47	1 2	2 36	17 12	6 4
F 6	6 14	28 33	5 16	1 48	2 17	22 35	2 22	2 11	0 54	6 57	1 31	20 7	1 44	5 35	0 45	5 8	1 15	19 11	3 13	0 48	1 3	2 39	17 12	6 4
S 7	6 36	27 47	5 6	1 6	2 16	22 53	2 27	2 30	0 54	6 54	1 31	20 8	1 44	5 33	0 45	5 9	1 15	19 11	3 13	0 48	1 5	2 43	17 13	6 3
S 8	6 59	25 25	4 39	0 24	2 15	23 9	2 31	2 49	0 54	6 51	1 31	20 9	1 44	5 32	0 45	5 10	1 15	19 11	3 13	0 48	1 6	2 46	17 13	6 3
M 9	7 22	21 32	3 57	0n20	2 13	23 25	2 35	3 8	0 53	6 48	1 31	20 10	1 44	5 31	0 45	5 11	1 15	19 11	3 13	0 47	1 7	2 50	17 13	6 3
T 10	7 44	16 19	2 58	1 4	2 10	23 41	2 39	3 26	0 53	6 45	1 31	20 11	1 43	5 30	0 45	5 12	1 15	19 12	3 13	0 47	1 8	2 53	17 14	6 2
W11	8 6	10 4	1 47	1 49	2 7	23 56	2 43	3 45	0 52	6 42	1 31	20 12	1 43	5 29	0 45	5 13	1 15	19 12	3 13	0 46	1 10	2 56	17 14	6 2
T 12	8 28	3 7	0 27	2 34	2 4	24 11	2 47	4 4	0 52	6 39	1 31	20 13	1 43	5 27	0 45	5 13	1 15	19 12	3 13	0 46	1 11	3 0	17 15	6 2
F 13	8 50	4s 6	0s56	3 21	2 0	24 25	2 51	4 22	0 52	6 36	1 31	20 14	1 43	5 26	0 45	5 14	1 15	19 12	3 13	0 46	1 12	3 3	17 15	6 1
S 14	9 12	11 9	2 15	4 8	1 55	24 39	2 55	4 41	0 51	6 34	1 31	20 15	1 43	5 25	0 45	5 15	1 15	19 12	3 13	0 47	1 13	3 7	17 15	6 1
S 15	9 34	17 30	3 25	4 56	1 50	24 52	2 59	4 59	0 51	6 31	1 31	20 16	1 42	5 24	0 45	5 16	1 15	19 12	3 13	0 48	1 15	3 10	17 16	6 1
M16	9 55	22 42	4 19	5 44	1 45	25 4	3 3	5 18	0 50	6 28	1 31	20 17	1 42	5 23	0 45	5 17	1 15	19 12	3 13	0 49	1 16	3 13	17 16	6 1
T 17	10 17	26 21	4 55	6 33	1 39	25 16	3 7	5 36	0 50	6 25	1 31	20 18	1 42	5 22	0 45	5 18	1 15	19 12	3 13	0 51	1 17	3 17	17 16	6 0
W18	10 38	28 15	5 12	7 22	1 32	25 27	3 10	5 54	0 49	6 22	1 31	20 19	1 42	5 21	0 45	5 18	1 15	19 12	3 13	0 53	1 18	3 20	17 17	6 0
T 19	10 59	28 20	5 10	8 12	1 25	25 38	3 14	6 13	0 49	6 19	1 31	20 20	1 42	5 20	0 45	5 19	1 15	19 12	3 13	0 54	1 20	3 24	17 17	6 0
F 20	11 20	26 48	4 52	9 2	1 18	25 48	3 18	6 31	0 48	6 17	1 31	20 21	1 41	5 19	0 45	5 20	1 15	19 12	3 13	0 55	1 21	3 27	17 17	5 59
S 21	11 41	23 55	4 20	9 52	1 10	25 58	3 21	6 49	0 48	6 14	1 31	20 22	1 41	5 18	0 45	5 21	1 15	19 13	3 13	0 55	1 22	3 31	17 18	5 59
S 22	12 1	19 59	3 37	10 42	1 1	26 7	3 24	7 7	0 48	6 11	1 31	20 23	1 41	5 16	0 46	5 22	1 15	19 13	3 13	0 55	1 23	3 34	17 18	5 59
M23	12 21	15 19	2 45	11 32	0 53	26 15	3 28	7 25	0 47	6 8	1 31	20 24	1 41	5 15	0 46	5 23	1 15	19 13	3 13	0 54	1 25	3 37	17 18	5 58
T 24	12 41	10 9	1 46	12 23	0 43	26 23	3 31	7 43	0 47	6 6	1 30	20 25	1 41	5 14	0 46	5 23	1 15	19 13	3 13	0 53	1 26	3 41	17 19	5 58
W25	13 1	4 40	0 43	13 13	0 34	26 31	3 34	8 0	0 46	6 3	1 30	20 26	1 41	5 13	0 46	5 24	1 15	19 13	3 13	0 53	1 27	3 44	17 19	5 58
T 26	13 21	0n57	0n21	14 2	0 24	26 38	3 37	8 18	0 46	6 0	1 30	20 27	1 40	5 12	0 46	5 25	1 15	19 13	3 13	0 53	1 29	3 48	17 19	5 58
F 27	13 40	6 32	1 24	14 51	0 13	26 44	3 40	8 36	0 45	5 58	1 30	20 28	1 40	5 11	0 46	5 26	1 15	19 13	3 13	0 53	1 30	3 51	17 20	5 57
S 28	13 59	11 56	2 24	15 39	0 3	26 50	3 43	8 53	0 45	5 55	1 30	20 29	1 40	5 10	0 46	5 27	1 15	19 13	3 13	0 54	1 31	3 54	17 20	5 57
S 29	14 18	16 56	3 18	16 26	0n 8	26 55	3 45	9 10	0 44	5 53	1 30	20 30	1 40	5 9	0 46	5 28	1 15	19 13	3 13	0 57	1 32	3 58	17 20	5 57
M30	14n37	21n20	4n 3	17n12	0n19	27n 0	3n48	9n28	0s44	5s50	1n30	20n31	1s40	5s 9	0s46	5n28	1s16	19n13	3n13	0s59	1s34	4n 1	17n20	5s57

Julian Day Number = 2882255.5, Delta T = 01h16m01s
Ecliptic obliquity = 23°17'22, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°15'18, Lahiri = 40°22'18

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ASTRODIENST EPHEMERIS for the year 3179
geocentric

MAY 3179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 35 9	10♉38'10	1♊32	19♉25	26♊12	27♈13	18°R26	12♊46	18♓45	17♈ 2	15♌20	27°R22	26♓ 0	7♈52	28♊49	T 1
W 2	14 39 6	11°37'05	13°58	21°28	27° 6	27°59	18♎19	12°53	18°47	17° 4	15°20	27♓14	25°57	7°59	28°53	W 2
T 3	14 43 2	12°35'58	26°35	23°29	27°59	28°46	18°12	13° 0	18°50	17° 6	15°20	27° 6	25°54	8° 5	28°57	T 3
F 4	14 46 59	13°34'49	9♋25	25°29	28°52	29°32	18° 6	13° 7	18°52	17° 8	15°20	27° 0	25°51	8°12	29° 0	F 4
S 5	14 50 56	14°33'38	22°29	27°27	29°44	0♉19	18° 0	13°14	18°54	17°10	15°20	26°56	25°47	8°19	29° 4	S 5
S 6	14 54 52	15°32'25	5♌50	29°22	0♋35	1° 5	17°53	13°21	18°57	17°12	15°20	26°54	25°44	8°25	29° 8	S 6
M 7	14 58 49	16°31'09	19°27	1♊15	1°26	1°52	17°47	13°29	18°59	17°14	15°20	26°D53	25°41	8°32	29°12	M 7
T 8	15 2 45	17°29'51	3♍23	3° 4	2°16	2°38	17°41	13°36	19° 1	17°16	15°21	26°54	25°38	8°39	29°16	T 8
W 9	15 6 42	18°28'31	17°38	4°51	3° 5	3°24	17°36	13°43	19° 3	17°18	15°21	26°55	25°35	8°45	29°20	W 9
T 10	15 10 38	19°27'09	2♎10	6°33	3°53	4°10	17°30	13°50	19° 5	17°20	15°21	26°R55	25°32	8°52	29°24	T 10
F 11	15 14 35	20°25'44	16°56	8°12	4°41	4°57	17°24	13°58	19° 7	17°22	15°22	26°54	25°28	8°58	29°28	F 11
S 12	15 18 31	21°24'18	1♏50	9°47	5°27	5°43	17°19	14° 5	19° 9	17°24	15°22	26°50	25°25	9° 5	29°32	S 12
S 13	15 22 28	22°22'49	16°45	11°18	6°13	6°29	17°14	14°12	19°11	17°26	15°22	26°44	25°22	9°12	29°36	S 13
M14	15 26 25	23°21'19	1♐32	12°45	6°58	7°15	17° 8	14°20	19°13	17°28	15°23	26°35	25°19	9°18	29°40	M14
T 15	15 30 21	24°19'47	16° 3	14° 7	7°41	8° 1	17° 3	14°27	19°15	17°30	15°23	26°26	25°16	9°25	29°45	T 15
W16	15 34 18	25°18'14	0♑11	15°24	8°24	8°47	16°59	14°34	19°17	17°32	15°24	26°17	25°12	9°32	29°49	W16
T 17	15 38 14	26°16'39	13°53	16°37	9° 6	9°33	16°54	14°42	19°19	17°34	15°24	26° 9	25° 9	9°38	29°53	T 17
F 18	15 42 11	27°15'02	27° 8	17°45	9°47	10°19	16°49	14°49	19°21	17°36	15°24	26° 3	25° 6	9°45	29°57	F 18
S 19	15 46 7	28°13'23	9♒56	18°48	10°26	11° 5	16°45	14°57	19°23	17°38	15°25	26° 0	25° 3	9°52	0♋ 2	S 19
S 20	15 50 4	29°11'43	22°22	19°46	11° 4	11°51	16°41	15° 4	19°24	17°39	15°26	25°58	25° 0	9°58	0° 6	S 20
M21	15 54 0	0♊10'02	4♓30	20°39	11°42	12°37	16°37	15°12	19°26	17°41	15°26	25°D58	24°57	10° 5	0°10	M21
T 22	15 57 57	1° 8'19	16°26	21°27	12°17	13°22	16°33	15°20	19°28	17°43	15°27	25°58	24°53	10°12	0°15	T 22
W23	16 1 54	2° 6'35	28°14	22°10	12°52	14° 8	16°29	15°27	19°29	17°45	15°27	25°R58	24°50	10°18	0°19	W23
T 24	16 5 50	3° 4'49	10♈ 1	22°48	13°25	14°54	16°25	15°35	19°31	17°47	15°28	25°57	24°47	10°25	0°24	T 24
F 25	16 9 47	4° 3'01	21°50	23°21	13°57	15°39	16°22	15°42	19°32	17°48	15°29	25°54	24°44	10°32	0°28	F 25
S 26	16 13 43	5° 1'13	3♉46	23°48	14°27	16°25	16°19	15°50	19°34	17°50	15°29	25°49	24°41	10°38	0°33	S 26
S 27	16 17 40	5°59'22	15°52	24°11	14°56	17°10	16°16	15°58	19°35	17°52	15°30	25°40	24°38	10°45	0°38	S 27
M28	16 21 36	6°57'31	28°10	24°28	15°24	17°56	16°13	16° 5	19°36	17°53	15°31	25°30	24°34	10°52	0°42	M28
T 29	16 25 33	7°55'37	10♊40	24°39	15°49	18°41	16°10	16°13	19°38	17°55	15°31	25°18	24°31	10°58	0°47	T 29
W30	16 29 29	8°53'42	23°24	24°46	16°13	19°27	16° 8	16°21	19°39	17°57	15°32	25° 5	24°28	11° 5	0°51	W30
T 31	16 33 26	9♊51'46	6♋20	24°R48	16♋35	20♉12	16♎ 5	16♊28	19♓40	17♈58	15♌33	24♓53	24♓25	11♈11	0♋56	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n55	24n52	4n38	17n57	0n30	27n 4	3n50	9n45	0s43	5s48	1n30	20n32	1s40	5s 8	0s46	5n29	1s16	19n13	3n13	1s 2	1s35	4n 5	17n21	5s56
W 2	15 13	27 18	5 0	18 40	0 41	27 8	3 53	10 2	0 43	5 45	1 30	20 33	1 40	5 7	0 46	5 30	1 16	19 13	3 13	1 6	1 36	4 8	17 21	5 56
T 3	15 31	28 23	5 8	19 22	0 52	27 11	3 55	10 19	0 42	5 43	1 30	20 34	1 39	5 6	0 46	5 31	1 16	19 12	3 13	1 9	1 37	4 11	17 21	5 56
F 4	15 49	27 58	5 1	20 1	1 3	27 14	3 57	10 36	0 42	5 41	1 29	20 35	1 39	5 5	0 46	5 31	1 16	19 12	3 13	1 11	1 39	4 15	17 22	5 56
S 5	16 6	26 0	4 38	20 39	1 13	27 16	3 59	10 52	0 41	5 38	1 29	20 36	1 39	5 4	0 46	5 32	1 16	19 12	3 13	1 13	1 40	4 18	17 22	5 55
S 6	16 23	22 35	4 0	21 15	1 23	27 18	4 1	11 9	0 40	5 36	1 29	20 37	1 39	5 3	0 46	5 33	1 16	19 12	3 13	1 14	1 41	4 22	17 22	5 55
M 7	16 40	17 52	3 8	21 48	1 33	27 19	4 2	11 25	0 40	5 34	1 29	20 38	1 39	5 2	0 46	5 34	1 16	19 12	3 13	1 14	1 42	4 25	17 22	5 55
T 8	16 57	12 7	2 3	22 19	1 42	27 20	4 4	11 42	0 39	5 32	1 29	20 39	1 39	5 2	0 46	5 34	1 16	19 12	3 13	1 13	1 44	4 28	17 23	5 55
W 9	17 13	5 38	0 50	22 47	1 51	27 20	4 5	11 58	0 39	5 30	1 29	20 40	1 39	5 1	0 46	5 35	1 16	19 12	3 13	1 13	1 45	4 32	17 23	5 54
T 10	17 29	1s17	0s28	23 14	1 59	27 20	4 6	12 14	0 38	5 28	1 29	20 41	1 38	5 0	0 46	5 36	1 16	19 12	3 13	1 13	1 46	4 35	17 23	5 54
F 11	17 45	8 14	1 45	23 37	2 7	27 19	4 7	12 30	0 38	5 26	1 28	20 42	1 38	4 59	0 46	5 37	1 16	19 12	3 13	1 14	1 47	4 39	17 23	5 54
S 12	18 0	14 48	2 56	23 59	2 13	27 18	4 8	12 46	0 37	5 24	1 28	20 43	1 38	4 58	0 46	5 37	1 16	19 12	3 13	1 15	1 49	4 42	17 23	5 54
S 13	18 15	20 29	3 55	24 18	2 19	27 17	4 8	13 1	0 37	5 22	1 28	20 44	1 38	4 58	0 46	5 38	1 16	19 12	3 13	1 18	1 50	4 45	17 24	5 54
M14	18 30	24 51	4 37	24 34	2 24	27 15	4 9	13 17	0 36	5 20	1 28	20 45	1 38	4 57	0 46	5 39	1 16	19 11	3 13	1 21	1 51	4 49	17 24	5 53
T 15	18 44	27 32	5 0	24 48	2 28	27 12	4 9	13 32	0 35	5 18	1 28	20 46	1 38	4 56	0 46	5 40	1 16	19 11	3 13	1 24	1 52	4 52	17 24	5 53
W16	18 58	28 22	5 4	25 0	2 32	27 10	4 9	13 47	0 35	5 17	1 28	20 47	1 38	4 55	0 46	5 40	1 16	19 11	3 13	1 28	1 54	4 56	17 24	5 53
T 17	19 12	27 23	4 51	25 10	2 34	27 7	4 9	14 2	0 34	5 15	1 27	20 48	1 38	4 55	0 46	5 41	1 16	19 11	3 13	1 31	1 55	4 59	17 24	5 53
F 18	19 25	24 53	4 22	25 18	2 35	27 3	4 8	14 17	0 34	5 14	1 27	20 49	1 38	4 54	0 46	5 42	1 16	19 11	3 13	1 33	1 56	5 2	17 25	5 53
S 19	19 38	21 11	3 40	25 24	2 35	27 0	4 7	14 32	0 33	5 12	1 27	20 50	1 37	4 53	0 46	5 42	1 16	19 11	3 12	1 35	1 57	5 6	17 25	5 53
S 20	19 51	16 39	2 50	25 28	2 35	26 55	4 6	14 47	0 32	5 11	1 27	20 51	1 37	4 53	0 46	5 43	1 16	19 10	3 12	1 36	1 59	5 9	17 25	5 52
M21	20 4	11 32	1 52	25 30	2 33	26 51	4 5	15 1	0 32	5 9	1 27	20 52	1 37	4 52	0 46	5 44	1 16	19 10	3 12	1 36	2 0	5 13	17 25	5 52
T 22	20 16	6 6	0 51	25 31	2 30	26 46	4 4	15 15	0 31	5 8	1 26	20 53	1 37	4 52	0 46	5 44	1 16	19 10	3 12	1 36	2 1	5 16	17 25	5 52
W23	20 27	0 31	0n12	25 29	2 26	26 41	4 2	15 30	0 31	5 7	1 26	20 54	1 37	4 51	0 46	5 45	1 16	19 10	3 12	1 35	2 2	5 19	17 25	5 52
T 24	20 39	5n 5	1 14	25 26	2 21	26 36	4 0	15 43	0 30	5 6	1 26	20 54	1 37	4 51	0 47	5 45	1 16	19 10	3 12	1 36	2 4	5 23	17 25	5 52
F 25	20 49	10 31	2 13	25 22	2 14	26 30	3 58	15 57	0 29	5 5	1 26	20 55	1 37	4 50	0 47	5 46	1 16	19 10	3 12	1 37	2 5	5 26	17 26	5 52
S 26	21 0	15 38	3 7	25 16	2 7	26 25	3 55	16 11	0 29	5 4	1 26	20 56	1 37	4 49	0 47	5 47	1 16	19 9	3 12	1 39	2 6	5 29	17 26	5 52
S 27	21 10	20 12	3 53	25 8	1 58	26 18	3 52	16 24	0 28	5 3	1 25	20 57	1 37	4 49	0 47	5 47	1 16	19 9	3 12	1 43	2 7	5 33	17 26	5 52
M28	21 20	23 59	4 28	24 59	1 49	26 12	3 49	16 38	0 28	5 2	1 25	20 58	1 37	4 48	0 47	5 48	1 16	19 9	3 12	1 47	2 9	5 36	17 26	5 51
T 29	21 30	26 43	4 52	24 49	1 38	26 6	3 46	16 51	0 27	5 1	1 25	20 59	1 36	4 48	0 47	5 48	1 16	19 9	3 12	1 52	2 10	5 40	17 26	5 51
W30	21 39	28 8	5 1	24 37	1 26	25 59	3 42	17 4	0 26	5 0	1 25	21 0	1 36	4 48	0 47	5 49	1 16	19 8	3 12	1 56	2 11	5 43	17 26	5 51
T 31	21n47	28n 3	4n55	24n25	1n13	25n52	3n38	17n16	0s26	4s59	1n24	21n 1	1s36	4s47	0s47	5n50	1s16	19n 8	3n12	2s 1	2s12	5n46	17n26	5s51

Julian Day Number = 2882285.5, Delta T = 01h16m02s
Ecliptic obliquity = 23°17'21, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°15'22, Lahiri = 40°22'23

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ASTRODIENST EPHEMERIS for the year 3179
geocentric

JUNE 3179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 37 23	10♊49'48	19♋28	24°R44	16♋56	20♉57	16°R 3	16♊36	19♓41	18♈ 0	15♌34	24°R43	24♓22	11♈18	1♋ 1	F 1
S 2	16 41 19	11°47'48	2♌48	24♊36	17°14	21°43	16♎ 1	16°44	19°42	18° 1	15°35	24♓36	24°18	11°25	1° 5	S 2
S 3	16 45 16	12°45'46	16°19	24°24	17°31	22°28	15°59	16°52	19°43	18° 3	15°36	24°31	24°15	11°31	1°10	S 3
M 4	16 49 12	13°43'43	0♍ 1	24° 7	17°46	23°13	15°58	16°59	19°44	18° 4	15°36	24°29	24°12	11°38	1°15	M 4
T 5	16 53 9	14°41'38	13°54	23°46	17°58	23°58	15°56	17° 7	19°45	18° 6	15°37	24°D28	24° 9	11°45	1°20	T 5
W 6	16 57 5	15°39'31	27°59	23°22	18° 9	24°43	15°55	17°15	19°46	18° 7	15°38	24°R28	24° 6	11°51	1°25	W 6
T 7	17 1 2	16°37'22	12♎15	22°55	18°17	25°28	15°54	17°22	19°47	18° 8	15°39	24°28	24° 3	11°58	1°29	T 7
F 8	17 4 59	17°35'12	26°39	22°25	18°23	26°13	15°53	17°30	19°48	18°10	15°40	24°25	23°59	12° 5	1°34	F 8
S 9	17 8 55	18°33'00	11♏10	21°54	18°27	26°58	15°52	17°38	19°49	18°11	15°41	24°20	23°56	12°11	1°39	S 9
S 10	17 12 52	19°30'46	25°42	21°20	18°R28	27°43	15°52	17°46	19°49	18°13	15°42	24°12	23°53	12°18	1°44	S 10
M11	17 16 48	20°28'31	10♐ 8	20°46	18°27	28°27	15°52	17°53	19°50	18°14	15°43	24° 1	23°50	12°25	1°49	M11
T 12	17 20 45	21°26'15	24°22	20°12	18°24	29°12	15°D51	18° 1	19°51	18°15	15°44	23°50	23°47	12°31	1°54	T 12
W13	17 24 41	22°23'58	8♑19	19°38	18°18	29°57	15°51	18° 9	19°51	18°16	15°45	23°38	23°44	12°38	1°58	W13
T 14	17 28 38	23°21'39	21°54	19° 5	18°10	0♊41	15°52	18°17	19°52	18°18	15°46	23°27	23°40	12°45	2° 3	T 14
F 15	17 32 34	24°19'19	5♒ 6	18°33	17°59	1°26	15°52	18°24	19°52	18°19	15°48	23°19	23°37	12°51	2° 8	F 15
S 16	17 36 31	25°16'58	17°54	18° 4	17°46	2°10	15°53	18°32	19°53	18°20	15°49	23°13	23°34	12°58	2°13	S 16
S 17	17 40 28	26°14'37	0♓20	17°36	17°30	2°55	15°53	18°40	19°53	18°21	15°50	23° 9	23°31	13° 5	2°18	S 17
M18	17 44 24	27°12'14	12°30	17°12	17°13	3°39	15°54	18°47	19°54	18°22	15°51	23° 8	23°28	13°11	2°23	M18
T 19	17 48 21	28° 9'50	24°27	16°51	16°53	4°24	15°55	18°55	19°54	18°23	15°52	23° 8	23°24	13°18	2°28	T 19
W20	17 52 17	29° 7'26	6♈17	16°34	16°30	5° 8	15°57	19° 3	19°54	18°24	15°53	23° 8	23°21	13°25	2°33	W20
T 21	17 56 14	0♋ 5'01	18° 6	16°21	16° 6	5°52	15°58	19°10	19°54	18°25	15°55	23° 7	23°18	13°31	2°38	T 21
F 22	18 0 10	1° 2'34	29°58	16°11	15°39	6°36	16° 0	19°18	19°54	18°26	15°56	23° 4	23°15	13°38	2°43	F 22
S 23	18 4 7	2° 0'08	11♉58	16° 6	15°11	7°20	16° 1	19°26	19°54	18°27	15°57	22°58	23°12	13°44	2°48	S 23
S 24	18 8 3	2°57'40	24°11	16°D 6	14°40	8° 5	16° 3	19°33	19°R55	18°28	15°58	22°51	23° 9	13°51	2°53	S 24
M25	18 12 0	3°55'12	6♊39	16°10	14° 9	8°49	16° 6	19°41	19°55	18°29	16° 0	22°40	23° 5	13°58	2°58	M25
T 26	18 15 57	4°52'43	19°24	16°18	13°35	9°33	16° 8	19°48	19°54	18°30	16° 1	22°28	23° 2	14° 4	3° 3	T 26
W27	18 19 53	5°50'13	2♋26	16°31	13° 1	10°16	16°10	19°56	19°54	18°31	16° 2	22°16	22°59	14°11	3° 8	W27
T 28	18 23 50	6°47'42	15°44	16°48	12°25	11° 0	16°13	20° 3	19°54	18°31	16° 4	22° 4	22°56	14°18	3°13	T 28
F 29	18 27 46	7°45'11	29°15	17°10	11°49	11°44	16°16	20°11	19°54	18°32	16° 5	21°54	22°53	14°24	3°17	F 29
S 30	18 31 43	8♋42'38	12♌58	17♊36	11♋12	12♊28	16♎19	20♊18	19♓54	18♈33	16♌ 6	21♓47	22♓50	14♈31	3♋22	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n56	26n24	4n34	24n11	1n 0	25n45	3n33	17n29	0s25	4s59	1n24	21n 1	1s36	4s47	0s47	5n50	1s17	19n 8	3n12	2s 5	2s14	5n50	17n26	5s51
S 2	22 4	23 16	3 58	23 56	0 45	25 37	3 28	17 41	0 24	4 58	1 24	21 2	1 36	4 46	0 47	5 51	1 17	19 8	3 12	2 8	2 15	5 53	17 26	5 51
S 3	22 11	18 49	3 7	23 40	0 30	25 30	3 23	17 53	0 24	4 58	1 24	21 3	1 36	4 46	0 47	5 51	1 17	19 7	3 12	2 10	2 16	5 56	17 26	5 51
M 4	22 18	13 21	2 6	23 23	0 13	25 22	3 17	18 5	0 23	4 57	1 24	21 4	1 36	4 46	0 47	5 52	1 17	19 7	3 12	2 11	2 17	6 0	17 26	5 51
T 5	22 25	7 9	0 56	23 5	0s 3	25 15	3 11	18 17	0 22	4 57	1 23	21 5	1 36	4 45	0 47	5 52	1 17	19 7	3 12	2 11	2 19	6 3	17 26	5 51
W 6	22 31	0 31	0s19	22 47	0 21	25 7	3 4	18 29	0 22	4 57	1 23	21 5	1 36	4 45	0 47	5 53	1 17	19 7	3 12	2 11	2 20	6 7	17 26	5 51
T 7	22 37	6s14	1 33	22 28	0 38	24 59	2 57	18 40	0 21	4 57	1 23	21 6	1 36	4 45	0 47	5 53	1 17	19 6	3 12	2 11	2 21	6 10	17 26	5 51
F 8	22 43	12 44	2 41	22 9	0 56	24 51	2 50	18 51	0 20	4 56	1 23	21 7	1 36	4 44	0 47	5 54	1 17	19 6	3 12	2 12	2 22	6 13	17 26	5 51
S 9	22 48	18 34	3 40	21 49	1 14	24 42	2 42	19 2	0 20	4 56	1 22	21 8	1 36	4 44	0 47	5 54	1 17	19 6	3 12	2 14	2 24	6 17	17 26	5 51
S 10	22 53	23 21	4 25	21 29	1 31	24 34	2 34	19 13	0 19	4 56	1 22	21 9	1 36	4 44	0 47	5 55	1 17	19 5	3 12	2 18	2 25	6 20	17 26	5 51
M11	22 57	26 38	4 52	21 10	1 49	24 25	2 25	19 23	0 18	4 56	1 22	21 9	1 36	4 44	0 47	5 55	1 17	19 5	3 12	2 22	2 26	6 23	17 26	5 51
T 12	23 1	28 10	5 0	20 51	2 6	24 17	2 16	19 34	0 18	4 57	1 22	21 10	1 36	4 43	0 47	5 56	1 17	19 5	3 12	2 26	2 27	6 27	17 26	5 51
W13	23 4	27 52	4 51	20 32	2 22	24 8	2 6	19 44	0 17	4 57	1 21	21 11	1 35	4 43	0 47	5 56	1 17	19 4	3 12	2 31	2 29	6 30	17 26	5 50
T 14	23 7	25 52	4 25	20 14	2 37	23 59	1 56	19 54	0 16	4 57	1 21	21 11	1 35	4 43	0 47	5 56	1 17	19 4	3 12	2 35	2 30	6 33	17 26	5 50
F 15	23 10	22 31	3 45	19 57	2 52	23 50	1 46	20 4	0 16	4 58	1 21	21 12	1 35	4 43	0 47	5 57	1 17	19 4	3 12	2 38	2 31	6 37	17 26	5 50
S 16	23 12	18 9	2 55	19 41	3 5	23 41	1 35	20 13	0 15	4 58	1 21	21 13	1 35	4 43	0 47	5 57	1 17	19 3	3 12	2 41	2 32	6 40	17 26	5 50
S 17	23 14	13 7	1 58	19 26	3 18	23 31	1 23	20 22	0 14	4 58	1 20	21 14	1 35	4 43	0 47	5 58	1 17	19 3	3 12	2 42	2 34	6 43	17 26	5 51
M18	23 16	7 42	0 56	19 12	3 29	23 22	1 11	20 32	0 14	4 59	1 20	21 14	1 35	4 42	0 48	5 58	1 17	19 3	3 12	2 43	2 35	6 47	17 26	5 51
T 19	23 17	2 5	0n 7	19 0	3 39	23 12	0 59	20 40	0 13	5 0	1 20	21 15	1 35	4 42	0 48	5 58	1 17	19 2	3 12	2 43	2 36	6 50	17 25	5 51
W20	23 17	3n32	1 9	18 50	3 48	23 3	0 46	20 49	0 12	5 0	1 20	21 16	1 35	4 42	0 48	5 59	1 17	19 2	3 12	2 43	2 37	6 53	17 25	5 51
T 21	23 17	9 2	2 8	18 41	3 56	22 53	0 33	20 58	0 12	5 1	1 19	21 16	1 35	4 42	0 48	5 59	1 17	19 2	3 12	2 43	2 39	6 57	17 25	5 51
F 22	23 17	14 14	3 2	18 34	4 2	22 43	0 20	21 6	0 11	5 2	1 19	21 17	1 35	4 42	0 48	5 59	1 17	19 1	3 12	2 44	2 40	7 0	17 25	5 51
S 23	23 16	18 57	3 48	18 28	4 7	22 32	0 7	21 14	0 10	5 3	1 19	21 17	1 35	4 42	0 48	6 0	1 17	19 1	3 12	2 46	2 41	7 4	17 25	5 51
S 24	23 15	22 59	4 25	18 24	4 11	22 22	0s 7	21 22	0 10	5 4	1 19	21 18	1 35	4 42	0 48	6 0	1 18	19 1	3 12	2 49	2 42	7 7	17 25	5 51
M25	23 14	26 2	4 49	18 22	4 14	22 11	0 21	21 29	0 9	5 5	1 19	21 19	1 35	4 42	0 48	6 0	1 18	19 0	3 12	2 53	2 44	7 10	17 25	5 51
T 26	23 12	27 52	5 1	18 21	4 15	22 1	0 35	21 36	0 8	5 6	1 18	21 19	1 35	4 42	0 48	6 0	1 18	19 0	3 12	2 58	2 45	7 14	17 24	5 51
W27	23 10	28 12	4 56	18 22	4 16	21 50	0 50	21 44	0 7	5 7	1 18	21 20	1 35	4 42	0 48	6 1	1 18	18 59	3 12	3 3	2 46	7 17	17 24	5 51
T 28	23 7	26 56	4 36	18 24	4 15	21 39	1 4	21 50	0 7	5 8	1 18	21 20	1 35	4 43	0 48	6 1	1 18	18 59	3 12	3 8	2 47	7 20	17 24	5 51
F 29	23 4	24 6	4 0	18 28	4 13	21 28	1 18	21 57	0 6	5 10	1 18	21 21	1 35	4 43	0 48	6 1	1 18	18 59	3 12	3 11	2 49	7 24	17 24	5 51
S 30	23n 0	19n51	3n10	18n33	4s11	21n17	1s32	22n 4	0s 5	5s11	1n17	21n22	1s35	4s43	0s48	6n 1	1s18	18n58	3n12	3s14	2s50	7n27	17n24	5s51

Julian Day Number = 2882316.5, Delta T = 01h16m03s
Ecliptic obliquity = 23°17'21, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°15'26, Lahiri = 40°22'27

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ASTRODIENST EPHEMERIS for the year 3179
geocentric

JULY 3179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 35 39	9♋40'05	26♌49	18♊ 6	10°R34	13♊12	16♎22	20♊26	19°R53	18♈34	16♌ 8	21°R42	22♓46	14♈38	3♋27	S 1
M 2	18 39 36	10°37'30	10♍47	18°41	9♋57	13°55	16°25	20°33	19♓53	18°34	16° 9	21♓40	22°43	14°44	3°32	M 2
T 3	18 43 33	11°34'54	24°49	19°20	9°19	14°39	16°29	20°41	19°53	18°35	16°10	21°D40	22°40	14°51	3°37	T 3
W 4	18 47 29	12°32'18	8♎55	20° 3	8°42	15°22	16°33	20°48	19°52	18°36	16°12	21°R40	22°37	14°58	3°42	W 4
T 5	18 51 26	13°29'40	23° 4	20°50	8° 5	16° 6	16°36	20°56	19°52	18°36	16°13	21°40	22°34	15° 4	3°47	T 5
F 6	18 55 22	14°27'02	7♏14	21°41	7°30	16°49	16°40	21° 3	19°51	18°37	16°15	21°38	22°30	15°11	3°52	F 6
S 7	18 59 19	15°24'22	21°24	22°36	6°55	17°32	16°45	21°10	19°51	18°37	16°16	21°34	22°27	15°18	3°57	S 7
S 8	19 3 15	16°21'42	5♐30	23°35	6°21	18°16	16°49	21°17	19°50	18°38	16°18	21°27	22°24	15°24	4° 2	S 8
M 9	19 7 12	17°19'01	19°30	24°37	5°49	18°59	16°53	21°25	19°49	18°38	16°19	21°18	22°21	15°31	4° 7	M 9
T 10	19 11 8	18°16'20	3♑20	25°44	5°19	19°42	16°58	21°32	19°49	18°38	16°21	21° 8	22°18	15°38	4°12	T 10
W11	19 15 5	19°13'38	16°55	26°53	4°50	20°25	17° 3	21°39	19°48	18°39	16°22	20°58	22°15	15°44	4°16	W11
T 12	19 19 2	20°10'55	0♒13	28° 7	4°23	21° 8	17° 8	21°46	19°47	18°39	16°24	20°49	22°11	15°51	4°21	T 12
F 13	19 22 58	21° 8'12	13°12	29°24	3°59	21°51	17°13	21°53	19°46	18°39	16°25	20°42	22° 8	15°58	4°26	F 13
S 14	19 26 55	22° 5'29	25°53	0♋44	3°36	22°34	17°18	22° 0	19°45	18°40	16°27	20°37	22° 5	16° 4	4°31	S 14
S 15	19 30 51	23° 2'45	8♓15	2° 8	3°16	23°17	17°23	22° 7	19°44	18°40	16°28	20°34	22° 2	16°11	4°36	S 15
M16	19 34 48	24° 0'02	20°23	3°36	2°57	24° 0	17°29	22°14	19°43	18°40	16°30	20°D33	21°59	16°18	4°40	M16
T 17	19 38 44	24°57'18	2♈20	5° 7	2°42	24°42	17°35	22°21	19°42	18°40	16°31	20°34	21°56	16°24	4°45	T 17
W18	19 42 41	25°54'34	14°11	6°41	2°28	25°25	17°40	22°28	19°41	18°41	16°33	20°35	21°52	16°31	4°50	W18
T 19	19 46 37	26°51'50	26° 0	8°18	2°17	26° 8	17°46	22°35	19°40	18°41	16°35	20°R35	21°49	16°38	4°55	T 19
F 20	19 50 34	27°49'06	7♉54	9°59	2° 9	26°50	17°52	22°42	19°39	18°41	16°36	20°35	21°46	16°44	4°59	F 20
S 21	19 54 31	28°46'23	19°57	11°43	2° 3	27°33	17°59	22°49	19°38	18°41	16°38	20°32	21°43	16°51	5° 4	S 21
S 22	19 58 27	29°43'39	2♊13	13°30	1°59	28°15	18° 5	22°56	19°37	18°R41	16°39	20°28	21°40	16°58	5° 9	S 22
M23	20 2 24	0♌40'56	14°47	15°20	1°D58	28°57	18°12	23° 2	19°35	18°41	16°41	20°22	21°36	17° 4	5°13	M23
T 24	20 6 20	1°38'13	27°42	17°13	1°59	29°40	18°18	23° 9	19°34	18°41	16°43	20°14	21°33	17°11	5°18	T 24
W25	20 10 17	2°35'30	10♋57	19° 8	2° 2	0♋22	18°25	23°15	19°33	18°41	16°44	20° 6	21°30	17°18	5°23	W25
T 26	20 14 13	3°32'47	24°32	21° 6	2° 7	1° 4	18°32	23°22	19°31	18°41	16°46	19°59	21°27	17°24	5°27	T 26
F 27	20 18 10	4°30'04	8♌25	23° 7	2°15	1°46	18°39	23°29	19°30	18°40	16°47	19°52	21°24	17°31	5°32	F 27
S 28	20 22 7	5°27'21	22°32	25° 9	2°25	2°28	18°46	23°35	19°28	18°40	16°49	19°48	21°21	17°38	5°36	S 28
S 29	20 26 3	6°24'38	6♍49	27°14	2°37	3°10	18°53	23°41	19°27	18°40	16°51	19°45	21°17	17°44	5°41	S 29
M30	20 30 0	7°21'55	21°10	29°20	2°50	3°52	19° 1	23°48	19°25	18°40	16°52	19°D44	21°14	17°51	5°45	M30
T 31	20 33 56	8♌19'11	5♎32	1♌27	3♋ 6	4♋34	19♎ 8	23♊54	19♓24	18♈39	16♌54	19♓45	21♓11	17♈57	5♋50	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n56	14n30	2n 8	18n40	4s 7	21n 6	1s47	22n10	0s 5	5s13	1n17	21n22	1s35	4s43	0s48	6n 2	1s18	18n58	3n12	3s16	2s51	7n30	17n23	5s51
M 2	22 52	8 22	0 58	18 47	4 2	20 55	2 0	22 16	0 4	5 14	1 17	21 23	1 35	4 43	0 48	6 2	1 18	18 57	3 12	3 17	2 52	7 33	17 23	5 51
T 3	22 47	1 47	0s17	18 55	3 57	20 44	2 14	22 21	0 3	5 16	1 17	21 23	1 35	4 43	0 48	6 2	1 18	18 57	3 12	3 17	2 54	7 37	17 23	5 51
W 4	22 42	4s54	1 30	19 5	3 51	20 33	2 28	22 27	0 3	5 17	1 16	21 24	1 35	4 44	0 48	6 2	1 18	18 57	3 12	3 17	2 55	7 40	17 23	5 52
T 5	22 37	11 22	2 39	19 15	3 44	20 22	2 41	22 32	0 2	5 19	1 16	21 24	1 35	4 44	0 48	6 2	1 18	18 56	3 13	3 17	2 56	7 43	17 23	5 52
F 6	22 31	17 16	3 37	19 26	3 37	20 12	2 53	22 37	0 1	5 21	1 16	21 25	1 35	4 44	0 48	6 3	1 18	18 56	3 13	3 18	2 57	7 47	17 22	5 52
S 7	22 24	22 13	4 23	19 37	3 28	20 1	3 5	22 42	0 0	5 22	1 16	21 25	1 35	4 44	0 48	6 3	1 18	18 55	3 13	3 20	2 59	7 50	17 22	5 52
S 8	22 18	25 52	4 52	19 49	3 20	19 51	3 17	22 47	0n 0	5 24	1 15	21 26	1 35	4 45	0 48	6 3	1 18	18 55	3 13	3 22	3 0	7 53	17 22	5 52
M 9	22 11	27 55	5 3	20 1	3 10	19 42	3 28	22 51	0 1	5 26	1 15	21 26	1 35	4 45	0 48	6 3	1 18	18 55	3 13	3 26	3 1	7 57	17 21	5 52
T 10	22 3	28 11	4 57	20 13	3 0	19 32	3 39	22 55	0 2	5 28	1 15	21 26	1 35	4 45	0 48	6 3	1 18	18 54	3 13	3 29	3 2	8 0	17 21	5 52
W11	21 55	26 45	4 33	20 25	2 50	19 23	3 49	22 59	0 2	5 30	1 15	21 27	1 35	4 46	0 48	6 3	1 18	18 54	3 13	3 33	3 4	8 3	17 21	5 53
T 12	21 47	23 48	3 55	20 37	2 39	19 14	3 59	23 3	0 3	5 32	1 15	21 27	1 35	4 46	0 48	6 3	1 18	18 53	3 13	3 37	3 5	8 7	17 21	5 53
F 13	21 38	19 43	3 6	20 49	2 28	19 6	4 8	23 6	0 4	5 34	1 14	21 28	1 35	4 46	0 48	6 3	1 18	18 53	3 13	3 40	3 6	8 10	17 20	5 53
S 14	21 29	14 50	2 8	21 0	2 17	18 58	4 16	23 10	0 5	5 37	1 14	21 28	1 35	4 47	0 49	6 3	1 19	18 52	3 13	3 42	3 7	8 13	17 20	5 53
S 15	21 20	9 26	1 6	21 11	2 5	18 51	4 24	23 13	0 5	5 39	1 14	21 29	1 35	4 47	0 49	6 3	1 19	18 52	3 13	3 43	3 9	8 17	17 20	5 53
M16	21 10	3 48	0 1	21 21	1 53	18 44	4 31	23 15	0 6	5 41	1 14	21 29	1 35	4 47	0 49	6 3	1 19	18 52	3 13	3 43	3 10	8 20	17 19	5 53
T 17	21 0	1n53	1n 3	21 31	1 41	18 38	4 38	23 18	0 7	5 43	1 13	21 29	1 35	4 48	0 49	6 3	1 19	18 51	3 13	3 43	3 11	8 23	17 19	5 54
W18	20 50	7 27	2 4	21 39	1 29	18 32	4 44	23 20	0 8	5 46	1 13	21 30	1 35	4 48	0 49	6 3	1 19	18 51	3 13	3 43	3 12	8 26	17 18	5 54
T 19	20 39	12 46	2 59	21 46	1 16	18 27	4 50	23 22	0 8	5 48	1 13	21 30	1 35	4 49	0 49	6 3	1 19	18 50	3 13	3 42	3 14	8 30	17 18	5 54
F 20	20 28	17 38	3 47	21 51	1 4	18 22	4 55	23 24	0 9	5 51	1 13	21 30	1 35	4 49	0 49	6 3	1 19	18 50	3 13	3 43	3 15	8 33	17 18	5 54
S 21	20 17	21 52	4 25	21 56	0 51	18 17	4 59	23 26	0 10	5 53	1 13	21 31	1 35	4 50	0 49	6 3	1 19	18 49	3 13	3 44	3 16	8 36	17 17	5 54
S 22	20 5	25 15	4 52	21 58	0 39	18 13	5 3	23 27	0 10	5 56	1 12	21 31	1 35	4 50	0 49	6 3	1 19	18 49	3 13	3 45	3 17	8 40	17 17	5 55
M23	19 53	27 30	5 6	21 58	0 27	18 10	5 7	23 28	0 11	5 59	1 12	21 31	1 35	4 51	0 49	6 3	1 19	18 48	3 13	3 48	3 18	8 43	17 17	5 55
T 24	19 40	28 21	5 5	21 57	0 15	18 7	5 10	23 29	0 12	6 1	1 12	21 32	1 35	4 51	0 49	6 3	1 19	18 48	3 13	3 51	3 20	8 46	17 16	5 55
W25	19 27	27 37	4 48	21 53	0 3	18 4	5 12	23 30	0 13	6 4	1 12	21 32	1 35	4 52	0 49	6 3	1 19	18 48	3 13	3 54	3 21	8 49	17 16	5 55
T 26	19 14	25 15	4 14	21 47	0n 9	18 2	5 14	23 30	0 13	6 7	1 12	21 32	1 35	4 52	0 49	6 3	1 19	18 47	3 13	3 57	3 22	8 53	17 15	5 56
F 27	19 1	21 20	3 24	21 39	0 20	18 0	5 16	23 31	0 14	6 10	1 11	21 32	1 35	4 53	0 49	6 3	1 19	18 47	3 13	3 59	3 23	8 56	17 15	5 56
S 28	18 47	16 9	2 22	21 28	0 30	17 59	5 18	23 31	0 15	6 13	1 11	21 33	1 35	4 54	0 49	6 3	1 19	18 46	3 13	4 1	3 25	8 59	17 14	5 56
S 29	18 33	10 2	1 10	21 15	0 40	17 57	5 18	23 31	0 16	6 16	1 11	21 33	1 35	4 54	0 49	6 3	1 19	18 46	3 13	4 2	3 26	9 2	17 14	5 56
M30	18 19	3 22	0s 8	20 59	0 50	17 57	5 19	23 30	0 16	6 18	1 11	21 33	1 36	4 55	0 49	6 3	1 19	18 45	3 13	4 2	3 27	9 6	17 14	5 57
T 31	18n 4	3s29	1s25	20n40	0n59	17n56	5s19	23n30	0n17	6s22	1n11	21n33	1s36	4s56	0s49	6n 2	1s19	18n45	3n13	4s 2	3s28	9n 9	17n13	5s57

Julian Day Number = 2882346.5, Delta T = 01h16m03s
Ecliptic obliquity = 23°17'21, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°15'31, Lahiri = 40°22'31

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ASTRODIENST EPHEMERIS for the year 3179
geocentric

AUGUST 3179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 37 53	9♌16'28	19♎51	3♌35	3♋24	5♋16	19♎16	24♊ 0	19°R22	18°R39	16♌56	19♓46	21♓ 8	18♈ 4	5♋54	W 1
T 2	20 41 49	10°13'45	4♏ 4	5°44	3°43	5°58	19°24	24° 6	19♓20	18♈39	16°57	19°R47	21° 5	18°11	5°58	T 2
F 3	20 45 46	11°11'01	18°10	7°53	4° 5	6°39	19°32	24°13	19°19	18°38	16°59	19°47	21° 2	18°17	6° 3	F 3
S 4	20 49 42	12° 8'18	2♐ 8	10° 2	4°28	7°21	19°40	24°19	19°17	18°38	17° 1	19°46	20°58	18°24	6° 7	S 4
S 5	20 53 39	13° 5'35	15°55	12°11	4°52	8° 3	19°48	24°25	19°15	18°38	17° 2	19°43	20°55	18°31	6°11	S 5
M 6	20 57 36	14° 2'51	29°32	14°19	5°19	8°44	19°56	24°31	19°13	18°37	17° 4	19°38	20°52	18°37	6°16	M 6
T 7	21 1 32	15° 0'08	12♑56	16°27	5°47	9°25	20° 5	24°36	19°12	18°37	17° 6	19°33	20°49	18°44	6°20	T 7
W 8	21 5 29	15°57'25	26° 6	18°34	6°16	10° 7	20°13	24°42	19°10	18°36	17° 7	19°27	20°46	18°51	6°24	W 8
T 9	21 9 25	16°54'43	9♒ 2	20°39	6°47	10°48	20°22	24°48	19° 8	18°36	17° 9	19°22	20°42	18°57	6°28	T 9
F 10	21 13 22	17°52'01	21°44	22°44	7°19	11°29	20°30	24°54	19° 6	18°35	17°11	19°18	20°39	19° 4	6°32	F 10
S 11	21 17 18	18°49'19	4♓11	24°47	7°52	12°10	20°39	24°59	19° 4	18°34	17°12	19°16	20°36	19°11	6°36	S 11
S 12	21 21 15	19°46'38	16°24	26°49	8°27	12°52	20°48	25° 5	19° 2	18°34	17°14	19°D15	20°33	19°17	6°40	S 12
M13	21 25 11	20°43'57	28°27	28°49	9° 3	13°33	20°57	25°10	19° 0	18°33	17°16	19°15	20°30	19°24	6°44	M13
T 14	21 29 8	21°41'17	10♈22	0♍48	9°41	14°14	21° 6	25°16	18°58	18°32	17°17	19°17	20°27	19°31	6°48	T 14
W15	21 33 4	22°38'38	22°12	2°45	10°19	14°55	21°16	25°21	18°56	18°32	17°19	19°18	20°23	19°37	6°52	W15
T 16	21 37 1	23°36'00	4♉ 1	4°41	10°58	15°35	21°25	25°26	18°54	18°31	17°21	19°20	20°20	19°44	6°56	T 16
F 17	21 40 58	24°33'23	15°55	6°35	11°39	16°16	21°34	25°32	18°52	18°30	17°22	19°21	20°17	19°51	7° 0	F 17
S 18	21 44 54	25°30'46	27°57	8°27	12°21	16°57	21°44	25°37	18°50	18°29	17°24	19°R21	20°14	19°57	7° 4	S 18
S 19	21 48 51	26°28'11	10♊14	10°17	13° 3	17°38	21°53	25°42	18°47	18°28	17°26	19°21	20°11	20° 4	7° 7	S 19
M20	21 52 47	27°25'37	22°48	12° 6	13°47	18°18	22° 3	25°47	18°45	18°28	17°27	19°19	20° 8	20°11	7°11	M20
T 21	21 56 44	28°23'04	5♋44	13°53	14°31	18°59	22°13	25°52	18°43	18°27	17°29	19°16	20° 4	20°17	7°15	T 21
W22	22 0 40	29°20'32	19° 4	15°39	15°17	19°39	22°23	25°57	18°41	18°26	17°31	19°14	20° 1	20°24	7°18	W22
T 23	22 4 37	0♍18'01	2♌48	17°23	16° 3	20°20	22°33	26° 1	18°39	18°25	17°32	19°11	19°58	20°31	7°22	T 23
F 24	22 8 34	1°15'31	16°55	19° 5	16°50	21° 0	22°43	26° 6	18°36	18°24	17°34	19° 9	19°55	20°37	7°25	F 24
S 25	22 12 30	2°13'01	1♍21	20°46	17°38	21°40	22°53	26°11	18°34	18°23	17°35	19° 7	19°52	20°44	7°29	S 25
S 26	22 16 27	3°10'33	16° 1	22°25	18°27	22°20	23° 3	26°15	18°32	18°22	17°37	19°D 7	19°48	20°51	7°32	S 26
M27	22 20 23	4° 8'06	0♎47	24° 2	19°16	23° 1	23°14	26°20	18°30	18°21	17°39	19° 7	19°45	20°57	7°35	M27
T 28	22 24 20	5° 5'39	15°33	25°38	20° 6	23°41	23°24	26°24	18°27	18°20	17°40	19° 8	19°42	21° 4	7°39	T 28
W29	22 28 16	6° 3'13	0♏13	27°12	20°57	24°21	23°35	26°28	18°25	18°19	17°42	19° 9	19°39	21°11	7°42	W29
T 30	22 32 13	7° 0'48	14°41	28°45	21°48	25° 1	23°45	26°32	18°23	18°17	17°43	19°10	19°36	21°17	7°45	T 30
F 31	22 36 9	7♍58'24	28♏53	0♎16	22♋40	25♋40	23♎56	26♊36	18♓20	18♈16	17♌45	19♓10	19♓33	21♈24	7♋48	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n49	10s 7	2s36	20n19	1n 7	17n56	5s19	23n29	0n18	6s25	1n10	21n34	1s36	4s56	0s49	6n 2	1s19	18n44	3n14	4s 2	3s30	9n12	17n13	5s57
T 2	17 34	16 12	3 37	19 55	1 14	17 56	5 19	23 28	0 19	6 28	1 10	21 34	1 36	4 57	0 49	6 2	1 19	18 44	3 14	4 1	3 31	9 16	17 12	5 58
F 3	17 19	21 23	4 25	19 29	1 21	17 56	5 18	23 27	0 19	6 31	1 10	21 34	1 36	4 58	0 49	6 2	1 20	18 43	3 14	4 1	3 32	9 19	17 12	5 58
S 4	17 3	25 18	4 56	19 1	1 27	17 56	5 17	23 25	0 20	6 34	1 10	21 34	1 36	4 58	0 49	6 2	1 20	18 43	3 14	4 2	3 33	9 22	17 11	5 58
S 5	16 47	27 42	5 10	18 31	1 32	17 56	5 16	23 24	0 21	6 37	1 10	21 35	1 36	4 59	0 49	6 2	1 20	18 43	3 14	4 3	3 35	9 25	17 11	5 58
M 6	16 31	28 24	5 6	17 58	1 36	17 57	5 14	23 22	0 22	6 40	1 9	21 35	1 36	5 0	0 49	6 1	1 20	18 42	3 14	4 5	3 36	9 29	17 10	5 59
T 7	16 14	27 24	4 46	17 24	1 40	17 58	5 13	23 20	0 22	6 44	1 9	21 35	1 36	5 0	0 49	6 1	1 20	18 42	3 14	4 7	3 37	9 32	17 10	5 59
W 8	15 57	24 53	4 10	16 48	1 43	17 58	5 11	23 17	0 23	6 47	1 9	21 35	1 36	5 1	0 49	6 1	1 20	18 41	3 14	4 9	3 38	9 35	17 9	5 59
T 9	15 40	21 8	3 22	16 10	1 45	17 59	5 8	23 15	0 24	6 51	1 9	21 35	1 36	5 2	0 49	6 1	1 20	18 41	3 14	4 11	3 40	9 38	17 9	6 0
F 10	15 23	16 28	2 25	15 31	1 46	18 0	5 6	23 12	0 24	6 54	1 9	21 35	1 36	5 3	0 49	6 0	1 20	18 40	3 14	4 12	3 41	9 42	17 8	6 0
S 11	15 5	11 11	1 22	14 51	1 46	18 1	5 3	23 9	0 25	6 57	1 9	21 36	1 36	5 4	0 49	6 0	1 20	18 40	3 14	4 13	3 42	9 45	17 8	6 0
S 12	14 48	5 34	0 16	14 10	1 46	18 1	5 1	23 6	0 26	7 1	1 8	21 36	1 36	5 4	0 49	6 0	1 20	18 39	3 14	4 14	3 43	9 48	17 7	6 1
M13	14 30	0n10	0n50	13 27	1 45	18 2	4 58	23 3	0 27	7 4	1 8	21 36	1 36	5 5	0 49	6 0	1 20	18 39	3 14	4 14	3 45	9 51	17 7	6 1
T 14	14 11	5 49	1 53	12 44	1 44	18 3	4 54	22 59	0 27	7 8	1 8	21 36	1 36	5 6	0 49	5 59	1 20	18 39	3 14	4 13	3 46	9 55	17 6	6 1
W15	13 53	11 14	2 51	12 0	1 42	18 3	4 51	22 56	0 28	7 11	1 8	21 36	1 37	5 7	0 49	5 59	1 20	18 38	3 14	4 12	3 47	9 58	17 5	6 2
T 16	13 34	16 15	3 42	11 16	1 39	18 4	4 48	22 52	0 29	7 15	1 8	21 36	1 37	5 8	0 49	5 59	1 20	18 38	3 15	4 12	3 48	10 1	17 5	6 2
F 17	13 15	20 42	4 23	10 31	1 35	18 4	4 44	22 48	0 30	7 19	1 8	21 36	1 37	5 8	0 49	5 58	1 20	18 37	3 15	4 11	3 50	10 4	17 4	6 2
S 18	12 56	24 21	4 53	9 46	1 32	18 4	4 40	22 44	0 30	7 22	1 7	21 36	1 37	5 9	0 50	5 58	1 20	18 37	3 15	4 11	3 51	10 7	17 4	6 3
S 19	12 37	26 58	5 11	9 1	1 27	18 4	4 37	22 39	0 31	7 26	1 7	21 36	1 37	5 10	0 50	5 58	1 20	18 36	3 15	4 12	3 52	10 11	17 3	6 3
M20	12 17	28 20	5 14	8 15	1 23	18 4	4 33	22 34	0 32	7 30	1 7	21 36	1 37	5 11	0 50	5 57	1 20	18 36	3 15	4 12	3 53	10 14	17 3	6 4
T 21	11 58	28 12	5 2	7 29	1 17	18 3	4 29	22 30	0 33	7 34	1 7	21 37	1 37	5 12	0 50	5 57	1 20	18 35	3 15	4 13	3 55	10 17	17 2	6 4
W22	11 38	26 27	4 34	6 44	1 12	18 2	4 24	22 25	0 33	7 37	1 7	21 37	1 37	5 13	0 50	5 56	1 20	18 35	3 15	4 14	3 56	10 20	17 1	6 4
T 23	11 18	23 7	3 49	5 58	1 6	18 1	4 20	22 19	0 34	7 41	1 7	21 37	1 37	5 14	0 50	5 56	1 20	18 35	3 15	4 15	3 57	10 24	17 1	6 5
F 24	10 58	18 21	2 49	5 12	0 59	18 0	4 16	22 14	0 35	7 45	1 7	21 37	1 37	5 14	0 50	5 56	1 20	18 34	3 15	4 16	3 58	10 27	17 0	6 5
S 25	10 37	12 26	1 37	4 27	0 53	17 59	4 11	22 9	0 36	7 49	1 6	21 37	1 37	5 15	0 50	5 55	1 21	18 34	3 15	4 17	3 59	10 30	17 0	6 6
S 26	10 17	5 45	0 17	3 42	0 46	17 57	4 7	22 3	0 36	7 53	1 6	21 37	1 37	5 16	0 50	5 55	1 21	18 33	3 15	4 17	4 1	10 33	16 59	6 6
M27	9 56	1s18	1s 4	2 56	0 38	17 55	4 2	21 57	0 37	7 57	1 6	21 37	1 37	5 17	0 50	5 54	1 21	18 33	3 15	4 17	4 2	10 36	16 59	6 6
T 28	9 35	8 16	2 21	2 12	0 31	17 53	3 58	21 51	0 38	8 1	1 6	21 37	1 38	5 18	0 50	5 54	1 21	18 33	3 15	4 17	4 3	10 40	16 58	6 7
W29	9 14	14 44	3 28	1 27	0 23	17 50	3 53	21 45	0 39	8 5	1 6	21 37	1 38	5 19	0 50	5 53	1 21	18 32	3 16	4 16	4 4	10 43	16 57	6 7
T 30	8 53	20 18	4 21	0 43	0 15	17 47	3 48	21 38	0 39	8 9	1 6	21 37	1 38	5 20	0 50	5 53	1 21	18 32	3 16	4 16	4 6	10 46	16 57	6 8
F 31	8n32	24s37	4s57	0s 0	0n 7	17n43	3s43	21n32	0n40	8s13	1n 6	21n37	1s38	5s21	0s50	5n52	1s21	18n31	3n16	4s16	4s 7	10n49	16n56	6s 8

Julian Day Number = 2882377.5, Delta T = 01h16m04s
Ecliptic obliquity = 23°17'21, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°15'35, Lahiri = 40°22'35

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3179
geocentric

SEPTEMBER 3179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 40 6	8♍56'01	12♐49	1♎46	23♋33	26♋20	24♎ 7	26♊41	18°R18	18°R15	17♑47	19°R10	19♓29	21♈31	7♋51	S 1
S 2	22 44 2	9°53'38	26°27	3°13	24°26	27° 0	24°17	26°44	18♓16	18♈14	17°48	19♓10	19°26	21°37	7°54	S 2
M 3	22 47 59	10°51'16	9♉48	4°40	25°20	27°40	24°28	26°48	18°13	18°13	17°50	19° 9	19°23	21°44	7°57	M 3
T 4	22 51 56	11°48'56	22°52	6° 4	26°14	28°19	24°39	26°52	18°11	18°11	17°51	19° 8	19°20	21°51	8° 0	T 4
W 5	22 55 52	12°46'36	5♒41	7°27	27° 9	28°59	24°50	26°56	18° 9	18°10	17°53	19° 7	19°17	21°57	8° 3	W 5
T 6	22 59 49	13°44'17	18°17	8°48	28° 4	29°38	25° 1	26°59	18° 6	18° 9	17°54	19° 7	19°13	22° 4	8° 6	T 6
F 7	23 3 45	14°41'59	0♓40	10° 7	29° 0	0♑18	25°13	27° 3	18° 4	18° 8	17°56	19° 6	19°10	22°11	8° 9	F 7
S 8	23 7 42	15°39'43	12°52	11°25	29°56	0°57	25°24	27° 6	18° 1	18° 6	17°57	19° 6	19° 7	22°17	8°11	S 8
S 9	23 11 38	16°37'27	24°56	12°41	0♑53	1°36	25°35	27° 9	17°59	18° 5	17°59	19°D 6	19° 4	22°24	8°14	S 9
M10	23 15 35	17°35'13	6♈52	13°55	1°51	2°15	25°46	27°13	17°57	18° 4	18° 0	19° 6	19° 1	22°31	8°17	M10
T 11	23 19 31	18°33'01	18°43	15° 6	2°48	2°54	25°58	27°16	17°54	18° 2	18° 2	19° 6	18°58	22°37	8°19	T 11
W12	23 23 28	19°30'50	0♉32	16°16	3°47	3°33	26° 9	27°19	17°52	18° 1	18° 3	19°R 6	18°54	22°44	8°21	W12
T 13	23 27 25	20°28'41	12°22	17°24	4°45	4°12	26°21	27°22	17°49	17°59	18° 5	19° 6	18°51	22°51	8°24	T 13
F 14	23 31 21	21°26'33	24°16	18°29	5°44	4°51	26°32	27°24	17°47	17°58	18° 6	19° 6	18°48	22°57	8°26	F 14
S 15	23 35 18	22°24'27	6♊18	19°32	6°44	5°30	26°44	27°27	17°45	17°56	18° 8	19° 6	18°45	23° 4	8°28	S 15
S 16	23 39 14	23°22'22	18°33	20°33	7°44	6° 9	26°56	27°30	17°42	17°55	18° 9	19°D 6	18°42	23°11	8°31	S 16
M17	23 43 11	24°20'20	1♋ 4	21°31	8°44	6°48	27° 8	27°32	17°40	17°53	18°11	19° 6	18°39	23°17	8°33	M17
T 18	23 47 7	25°18'19	13°56	22°26	9°45	7°26	27°19	27°35	17°37	17°52	18°12	19° 6	18°35	23°24	8°35	T 18
W19	23 51 4	26°16'20	27°12	23°19	10°45	8° 5	27°31	27°37	17°35	17°51	18°13	19° 6	18°32	23°31	8°37	W19
T 20	23 55 0	27°14'23	10♌55	24° 8	11°47	8°43	27°43	27°39	17°33	17°49	18°15	19° 7	18°29	23°37	8°39	T 20
F 21	23 58 57	28°12'27	25° 3	24°54	12°48	9°22	27°55	27°41	17°30	17°47	18°16	19° 8	18°26	23°44	8°41	F 21
S 22	0 2 54	29°10'34	9♍36	25°37	13°50	10° 0	28° 7	27°43	17°28	17°46	18°17	19° 8	18°23	23°51	8°43	S 22
S 23	0 6 50	0♎ 8'41	24°28	26°16	14°53	10°38	28°19	27°45	17°26	17°44	18°19	19°R 8	18°19	23°57	8°44	S 23
M24	0 10 47	1° 6'51	9♎32	26°50	15°55	11°16	28°31	27°47	17°23	17°43	18°20	19° 8	18°16	24° 4	8°46	M24
T 25	0 14 43	2° 5'02	24°39	27°21	16°58	11°54	28°44	27°49	17°21	17°41	18°21	19° 7	18°13	24°11	8°48	T 25
W26	0 18 40	3° 3'15	9♏41	27°47	18° 1	12°32	28°56	27°50	17°19	17°40	18°23	19° 5	18°10	24°17	8°49	W26
T 27	0 22 36	4° 1'29	24°28	28° 8	19° 5	13°10	29° 8	27°52	17°17	17°38	18°24	19° 3	18° 7	24°24	8°51	T 27
F 28	0 26 33	4°59'45	8♐54	28°24	20° 8	13°48	29°20	27°53	17°14	17°36	18°25	19° 2	18° 4	24°31	8°52	F 28
S 29	0 30 29	5°58'02	22°58	28°35	21°12	14°26	29°33	27°55	17°12	17°35	18°26	19° 1	18° 0	24°37	8°53	S 29
S 30	0 34 26	6♎56'21	6♉36	28°R39	22♑17	15♑ 4	29♎45	27♊56	17♓10	17♈33	18♑27	19°D 0	17♓57	24♈44	8♋54	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n10	27s24	5s15	0s44	0s 2	17n40	3s38	21n25	0n41	8s17	1n 5	21n37	1s38	5s22	0s50	5n52	1s21	18n31	3n16	4s16	4s 8	10n52	16n56	6s 9
S 2	7 49	28 29	5 14	1 26	0 11	17 36	3 33	21 18	0 42	8 21	1 5	21 37	1 38	5 23	0 50	5 51	1 21	18 31	3 16	4 16	4 9	10 56	16 55	6 9
M 3	7 27	27 52	4 57	2 8	0 19	17 31	3 28	21 11	0 42	8 25	1 5	21 37	1 38	5 24	0 50	5 51	1 21	18 30	3 16	4 16	4 11	10 59	16 54	6 9
T 4	7 5	25 42	4 24	2 50	0 28	17 26	3 23	21 4	0 43	8 29	1 5	21 37	1 38	5 24	0 50	5 51	1 21	18 30	3 16	4 16	4 12	11 2	16 54	6 10
W 5	6 43	22 15	3 38	3 31	0 38	17 21	3 18	20 57	0 44	8 33	1 5	21 37	1 38	5 25	0 50	5 50	1 21	18 29	3 16	4 17	4 13	11 5	16 53	6 10
T 6	6 21	17 50	2 43	4 11	0 47	17 16	3 13	20 50	0 45	8 37	1 5	21 37	1 38	5 26	0 50	5 49	1 21	18 29	3 16	4 17	4 14	11 8	16 52	6 11
F 7	5 59	12 44	1 41	4 51	0 56	17 10	3 8	20 42	0 45	8 41	1 5	21 37	1 39	5 27	0 50	5 49	1 21	18 29	3 16	4 17	4 16	11 11	16 52	6 11
S 8	5 37	7 13	0 35	5 30	1 5	17 3	3 3	20 34	0 46	8 46	1 5	21 37	1 39	5 28	0 50	5 48	1 21	18 28	3 17	4 17	4 17	11 15	16 51	6 12
S 9	5 15	1 30	0n32	6 8	1 15	16 57	2 58	20 26	0 47	8 50	1 4	21 37	1 39	5 29	0 50	5 48	1 21	18 28	3 17	4 17	4 18	11 18	16 51	6 12
M10	4 53	4n12	1 37	6 45	1 24	16 49	2 52	20 18	0 48	8 54	1 4	21 37	1 39	5 30	0 50	5 47	1 21	18 28	3 17	4 17	4 19	11 21	16 50	6 13
T 11	4 30	9 43	2 37	7 21	1 34	16 42	2 47	20 10	0 48	8 58	1 4	21 37	1 39	5 31	0 50	5 47	1 21	18 27	3 17	4 17	4 21	11 24	16 49	6 13
W12	4 8	14 52	3 30	7 57	1 43	16 34	2 42	20 2	0 49	9 2	1 4	21 37	1 39	5 32	0 50	5 46	1 21	18 27	3 17	4 17	4 22	11 27	16 49	6 14
T 13	3 45	19 30	4 15	8 32	1 53	16 25	2 37	19 54	0 50	9 7	1 4	21 37	1 39	5 33	0 50	5 46	1 21	18 27	3 17	4 17	4 23	11 30	16 48	6 14
F 14	3 22	23 22	4 48	9 5	2 2	16 16	2 31	19 45	0 51	9 11	1 4	21 37	1 39	5 34	0 50	5 45	1 21	18 26	3 17	4 17	4 24	11 34	16 47	6 15
S 15	3 0	26 18	5 9	9 38	2 12	16 7	2 26	19 36	0 51	9 15	1 4	21 36	1 39	5 35	0 50	5 45	1 21	18 26	3 17	4 17	4 25	11 37	16 47	6 15
S 16	2 37	28 4	5 17	10 9	2 21	15 57	2 21	19 28	0 52	9 19	1 4	21 36	1 40	5 36	0 50	5 44	1 21	18 26	3 17	4 17	4 27	11 40	16 46	6 16
M17	2 14	28 28	5 10	10 40	2 30	15 47	2 16	19 19	0 53	9 24	1 4	21 36	1 40	5 37	0 50	5 43	1 21	18 25	3 18	4 17	4 28	11 43	16 45	6 16
T 18	1 51	27 20	4 48	11 9	2 39	15 36	2 10	19 10	0 54	9 28	1 3	21 36	1 40	5 37	0 50	5 43	1 21	18 25	3 18	4 17	4 29	11 46	16 45	6 17
W19	1 28	24 40	4 10	11 36	2 48	15 25	2 5	19 1	0 54	9 32	1 3	21 36	1 40	5 38	0 50	5 42	1 21	18 25	3 18	4 17	4 30	11 49	16 44	6 17
T 20	1 5	20 32	3 17	12 3	2 57	15 14	2 0	18 51	0 55	9 37	1 3	21 36	1 40	5 39	0 50	5 42	1 21	18 24	3 18	4 17	4 32	11 52	16 44	6 18
F 21	0 43	15 8	2 10	12 28	3 5	15 2	1 55	18 42	0 56	9 41	1 3	21 36	1 40	5 40	0 50	5 41	1 21	18 24	3 18	4 17	4 33	11 56	16 43	6 18
S 22	0 20	8 44	0 53	12 51	3 14	14 49	1 49	18 33	0 57	9 45	1 3	21 36	1 40	5 41	0 50	5 40	1 21	18 24	3 18	4 16	4 34	11 59	16 42	6 19
S 23	0s 3	1 44	0s29	13 12	3 21	14 37	1 44	18 23	0 57	9 50	1 3	21 36	1 40	5 42	0 50	5 40	1 21	18 23	3 18	4 16	4 35	12 2	16 42	6 19
M24	0 26	5s27	1 51	13 32	3 29	14 23	1 39	18 13	0 58	9 54	1 3	21 36	1 40	5 43	0 50	5 39	1 21	18 23	3 18	4 17	4 37	12 5	16 41	6 20
T 25	0 49	12 21	3 4	13 49	3 36	14 10	1 34	18 3	0 59	9 58	1 3	21 36	1 41	5 44	0 50	5 39	1 21	18 23	3 19	4 17	4 38	12 8	16 40	6 20
W26	1 12	18 29	4 5	14 5	3 42	13 56	1 29	17 54	1 0	10 3	1 3	21 36	1 41	5 45	0 50	5 38	1 21	18 23	3 19	4 18	4 39	12 11	16 40	6 21
T 27	1 35	23 25	4 48	14 18	3 48	13 41	1 23	17 44	1 1	10 7	1 3	21 36	1 41	5 45	0 50	5 37	1 21	18 22	3 19	4 18	4 40	12 14	16 39	6 21
F 28	1 58	26 46	5 11	14 29	3 54	13 26	1 18	17 34	1 1	10 12	1 3	21 35	1 41	5 46	0 50	5 37	1 21	18 22	3 19	4 19	4 42	12 17	16 39	6 22
S 29	2 21	28 21	5 15	14 37	3 58	13 11	1 13	17 23	1 2	10 16	1 3	21 35	1 41	5 47	0 50	5 36	1 22	18 22	3 19	4 19	4 43	12 21	16 38	6 22
S 30	2s44	28s 9	5s 1	14s42	4s 2	12n55	1s 8	17n13	1n 3	10s20	1n 2	21n35	1s41	5s48	0s50	5n35	1s22	18n21	3n19	4s19	4s44	12n24	16n37	6s23

Julian Day Number = 2882408.5, Delta T = 01h16m05s
Ecliptic obliquity = 23°17'21, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°15'39, Lahiri = 40°22'40

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ASTRODIENST EPHEMERIS for the year 3179
geocentric

OCTOBER 3179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 38 23	7♎54'41	19♉51	28°R38	23♌21	15♌41	29♎58	27♊57	17°R 8	17°R32	18♌29	19♓ 1	17♓54	24♈51	8♋56	M 1
T 2	0 42 19	8°53'02	2♒44	28♎30	24°26	16°19	0♏10	27°58	17♓ 6	17♈30	18°30	19° 2	17°51	24°57	8°57	T 2
W 3	0 46 16	9°51'25	15°19	28°16	25°31	16°56	0°23	27°59	17° 3	17°28	18°31	19° 3	17°48	25° 4	8°58	W 3
T 4	0 50 12	10°49'49	27°40	27°55	26°36	17°33	0°35	27°59	17° 1	17°27	18°32	19° 5	17°45	25°11	8°59	T 4
F 5	0 54 9	11°48'16	9♓49	27°27	27°42	18°11	0°48	28° 0	16°59	17°25	18°33	19° 6	17°41	25°17	9° 0	F 5
S 6	0 58 5	12°46'43	21°50	26°52	28°47	18°48	1° 0	28° 0	16°57	17°23	18°34	19°R 6	17°38	25°24	9° 1	S 6
S 7	1 2 2	13°45'13	3♈44	26°10	29°53	19°25	1°13	28° 1	16°55	17°22	18°35	19° 5	17°35	25°31	9° 1	S 7
M 8	1 5 58	14°43'44	15°36	25°23	1♍ 0	20° 2	1°25	28° 1	16°53	17°20	18°36	19° 3	17°32	25°37	9° 2	M 8
T 9	1 9 55	15°42'17	27°25	24°29	2° 6	20°39	1°38	28° 1	16°51	17°18	18°37	19° 0	17°29	25°44	9° 3	T 9
W10	1 13 51	16°40'52	9♉15	23°31	3°13	21°16	1°51	28°R 1	16°49	17°17	18°38	18°55	17°25	25°51	9° 3	W10
T 11	1 17 48	17°39'29	21° 8	22°29	4°19	21°53	2° 4	28° 1	16°47	17°15	18°39	18°50	17°22	25°58	9° 4	T 11
F 12	1 21 45	18°38'08	3♊ 5	21°25	5°26	22°29	2°16	28° 1	16°45	17°13	18°40	18°45	17°19	26° 4	9° 4	F 12
S 13	1 25 41	19°36'49	15°10	20°19	6°34	23° 6	2°29	28° 1	16°43	17°12	18°41	18°41	17°16	26°11	9° 4	S 13
S 14	1 29 38	20°35'32	27°25	19°14	7°41	23°42	2°42	28° 1	16°41	17°10	18°42	18°37	17°13	26°18	9° 4	S 14
M15	1 33 34	21°34'18	9♋55	18°11	8°49	24°19	2°55	28° 0	16°39	17° 8	18°43	18°35	17°10	26°24	9° 5	M15
T 16	1 37 31	22°33'06	22°42	17°12	9°56	24°55	3° 8	28° 0	16°38	17° 7	18°44	18°D34	17° 6	26°31	9° 5	T 16
W17	1 41 27	23°31'56	5♌50	16°18	11° 4	25°31	3°20	27°59	16°36	17° 5	18°45	18°35	17° 3	26°38	9°R 5	W17
T 18	1 45 24	24°30'48	19°24	15°31	12°13	26° 8	3°33	27°58	16°34	17° 3	18°46	18°36	17° 0	26°44	9° 5	T 18
F 19	1 49 21	25°29'42	3♍23	14°53	13°21	26°44	3°46	27°57	16°32	17° 2	18°46	18°38	16°57	26°51	9° 5	F 19
S 20	1 53 17	26°28'38	17°49	14°23	14°29	27°20	3°59	27°56	16°31	17° 0	18°47	18°R38	16°54	26°58	9° 4	S 20
S 21	1 57 14	27°27'37	2♎38	14° 3	15°38	27°56	4°12	27°55	16°29	16°58	18°48	18°38	16°51	27° 4	9° 4	S 21
M22	2 1 10	28°26'38	17°45	13°D54	16°47	28°31	4°25	27°54	16°28	16°57	18°49	18°35	16°47	27°11	9° 4	M22
T 23	2 5 7	29°25'40	3♏ 0	13°55	17°56	29° 7	4°38	27°53	16°26	16°55	18°49	18°31	16°44	27°18	9° 3	T 23
W24	2 9 3	0♏24'45	18°14	14° 6	19° 5	29°43	4°51	27°51	16°24	16°54	18°50	18°25	16°41	27°24	9° 3	W24
T 25	2 13 0	1°23'52	3♐17	14°28	20°14	0♍18	5° 4	27°50	16°23	16°52	18°51	18°18	16°38	27°31	9° 2	T 25
F 26	2 16 56	2°23'00	17°58	14°59	21°24	0°53	5°17	27°48	16°22	16°50	18°51	18°12	16°35	27°38	9° 2	F 26
S 27	2 20 53	3°22'11	2♑13	15°40	22°33	1°29	5°30	27°46	16°20	16°49	18°52	18° 7	16°31	27°44	9° 1	S 27
S 28	2 24 49	4°21'23	15°59	16°29	23°43	2° 4	5°43	27°45	16°19	16°47	18°53	18° 3	16°28	27°51	9° 0	S 28
M29	2 28 46	5°20'36	29°16	17°26	24°53	2°39	5°56	27°43	16°17	16°46	18°53	18° 1	16°25	27°58	8°59	M29
T 30	2 32 43	6°19'52	12♒ 8	18°29	26° 3	3°14	6° 9	27°41	16°16	16°44	18°54	18°D 1	16°22	28° 4	8°58	T 30
W31	2 36 39	7♏19'09	24♒38	19♎40	27♍13	3♍49	6♏22	27♊38	16♓15	16♈43	18♌54	18♓ 2	16♓19	28♈11	8♋57	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s 7	26s19	4s32	14s44	4s 4	12n39	1s 3	17n 3	1n 4	10s25	1n 2	21n35	1s41	5s49	0s50	5n35	1s22	18n21	3n19	4s19	4s45	12n27	16n37	6s23
T 2	3 30	23 8	3 49	14 42	4 6	12 23	0 58	16 52	1 4	10 29	1 2	21 35	1 41	5 50	0 50	5 34	1 22	18 21	3 19	4 19	4 46	12 30	16 36	6 24
W 3	3 53	18 56	2 56	14 38	4 6	12 6	0 53	16 42	1 5	10 34	1 2	21 35	1 41	5 51	0 50	5 34	1 22	18 21	3 20	4 18	4 48	12 33	16 36	6 25
T 4	4 16	14 1	1 55	14 29	4 5	11 48	0 49	16 31	1 6	10 38	1 2	21 35	1 42	5 51	0 49	5 33	1 22	18 21	3 20	4 18	4 49	12 36	16 35	6 25
F 5	4 38	8 38	0 51	14 17	4 3	11 31	0 44	16 21	1 7	10 42	1 2	21 35	1 42	5 52	0 49	5 32	1 22	18 20	3 20	4 17	4 50	12 39	16 34	6 26
S 6	5 1	2 59	0n15	14 0	3 59	11 13	0 39	16 10	1 7	10 47	1 2	21 35	1 42	5 53	0 49	5 32	1 22	18 20	3 20	4 17	4 51	12 42	16 34	6 26
S 7	5 24	2n42	1 20	13 40	3 53	10 54	0 34	15 59	1 8	10 51	1 2	21 35	1 42	5 54	0 49	5 31	1 22	18 20	3 20	4 18	4 53	12 45	16 33	6 27
M 8	5 46	8 16	2 20	13 15	3 46	10 36	0 30	15 48	1 9	10 56	1 2	21 34	1 42	5 54	0 49	5 30	1 22	18 20	3 20	4 18	4 54	12 48	16 33	6 27
T 9	6 9	13 31	3 15	12 47	3 36	10 16	0 25	15 37	1 10	11 0	1 2	21 34	1 42	5 55	0 49	5 30	1 22	18 20	3 20	4 20	4 55	12 52	16 32	6 28
W10	6 31	18 18	4 1	12 15	3 25	9 57	0 20	15 26	1 11	11 4	1 2	21 34	1 42	5 56	0 49	5 29	1 22	18 19	3 21	4 21	4 56	12 55	16 31	6 28
T 11	6 53	22 23	4 37	11 40	3 12	9 37	0 16	15 15	1 11	11 9	1 2	21 34	1 42	5 57	0 49	5 28	1 22	18 19	3 21	4 23	4 58	12 58	16 31	6 29
F 12	7 15	25 34	5 1	11 2	2 57	9 17	0 11	15 4	1 12	11 13	1 2	21 34	1 42	5 57	0 49	5 28	1 22	18 19	3 21	4 25	4 59	13 1	16 30	6 29
S 13	7 38	27 38	5 12	10 22	2 40	8 56	0 7	14 53	1 13	11 18	1 2	21 34	1 43	5 58	0 49	5 27	1 22	18 19	3 21	4 27	5 0	13 4	16 30	6 30
S 14	8 0	28 24	5 9	9 41	2 22	8 36	0 3	14 42	1 14	11 22	1 2	21 34	1 43	5 59	0 49	5 27	1 22	18 19	3 21	4 29	5 1	13 7	16 29	6 31
M15	8 21	27 46	4 51	8 59	2 3	8 15	0n 2	14 30	1 14	11 26	1 2	21 34	1 43	6 0	0 49	5 26	1 22	18 19	3 21	4 29	5 2	13 10	16 29	6 31
T 16	8 43	25 39	4 19	8 18	1 43	7 53	0 6	14 19	1 15	11 31	1 2	21 34	1 43	6 0	0 49	5 25	1 22	18 18	3 21	4 30	5 4	13 13	16 28	6 32
W17	9 5	22 7	3 32	7 39	1 23	7 31	0 10	14 8	1 16	11 35	1 1	21 33	1 43	6 1	0 49	5 25	1 22	18 18	3 22	4 29	5 5	13 16	16 28	6 32
T 18	9 26	17 20	2 33	7 2	1 3	7 9	0 14	13 56	1 17	11 40	1 1	21 33	1 43	6 1	0 49	5 24	1 22	18 18	3 22	4 29	5 6	13 19	16 27	6 33
F 19	9 48	11 29	1 22	6 29	0 42	6 47	0 18	13 45	1 18	11 44	1 1	21 33	1 43	6 2	0 49	5 23	1 22	18 18	3 22	4 28	5 7	13 22	16 26	6 33
S 20	10 9	4 51	0 5	5 59	0 23	6 25	0 22	13 33	1 18	11 48	1 1	21 33	1 43	6 3	0 49	5 23	1 22	18 18	3 22	4 28	5 9	13 25	16 26	6 34
S 21	10 30	2s12	1s15	5 34	0 4	6 2	0 26	13 22	1 19	11 53	1 1	21 33	1 43	6 3	0 49	5 22	1 22	18 18	3 22	4 28	5 10	13 28	16 25	6 34
M22	10 51	9 15	2 31	5 14	0n14	5 39	0 30	13 10	1 20	11 57	1 1	21 33	1 43	6 4	0 49	5 22	1 22	18 18	3 22	4 29	5 11	13 31	16 25	6 35
T 23	11 12	15 50	3 37	4 59	0 31	5 15	0 33	12 58	1 21	12 1	1 1	21 33	1 44	6 5	0 49	5 21	1 22	18 18	3 22	4 31	5 12	13 34	16 24	6 35
W24	11 33	21 26	4 28	4 49	0 46	4 52	0 37	12 47	1 22	12 6	1 1	21 33	1 44	6 5	0 49	5 20	1 22	18 18	3 23	4 33	5 14	13 37	16 24	6 36
T 25	11 53	25 34	4 59	4 44	1 0	4 28	0 41	12 35	1 22	12 10	1 1	21 33	1 44	6 6	0 49	5 20	1 22	18 18	3 23	4 36	5 15	13 40	16 23	6 36
F 26	12 14	27 53	5 9	4 45	1 13	4 4	0 44	12 23	1 23	12 14	1 1	21 32	1 44	6 6	0 49	5 19	1 22	18 17	3 23	4 38	5 16	13 43	16 23	6 37
S 27	12 34	28 16	5 0	4 50	1 23	3 40	0 48	12 12	1 24	12 19	1 1	21 32	1 44	6 7	0 49	5 19	1 22	18 17	3 23	4 40	5 17	13 46	16 22	6 38
S 28	12 54	26 52	4 33	5 0	1 33	3 16	0 51	12 0	1 25	12 23	1 1	21 32	1 44	6 7	0 49	5 18	1 22	18 17	3 23	4 42	5 18	13 49	16 22	6 38
M29	13 13	23 58	3 53	5 15	1 41	2 51	0 54	11 48	1 26	12 27	1 1	21 32	1 44	6 8	0 49	5 17	1 22	18 17	3 23	4 42	5 20	13 53	16 21	6 39
T 30	13 33	19 57	3 2	5 33	1 47	2 26	0 57	11 36	1 27	12 31	1 1	21 32	1 44	6 8	0 49	5 17	1 22	18 17	3 23	4 42	5 21	13 56	16 21	6 39
W31	13s52	15s10	2s 3	5s54	1n53	2n 1	1n 0	11n24	1n27	12s36	1n 1	21n32	1s44	6s 9	0s49	5n16	1s22	18n17	3n24	4s42	5s22	13n59	16n21	6s40

Julian Day Number = 2882438.5, Delta T = 01h16m05s
Ecliptic obliquity = 23°17'21, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°15'43, Lahiri = 40°22'44

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ASTRODIENST EPHEMERIS for the year 3179
geocentric

NOVEMBER 3179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 40 36	8♏18'27	6♓51	20♎56	28♍23	4♍23	6♏35	27°R36	16°R14	16°R41	18♌55	18♓ 4	16♓16	28♈18	8°R56	T 1
F 2	2 44 32	9°17'48	18°53	22°16	29°34	4°58	6°48	27♊34	16♓13	16♈40	18°55	18°R 4	16°12	28°24	8♋55	F 2
S 3	2 48 29	10°17'10	0♈46	23°41	0♎44	5°33	7° 1	27°31	16°11	16°38	18°56	18° 3	16° 9	28°31	8°54	S 3
S 4	2 52 25	11°16'34	12°36	25° 9	1°55	6° 7	7°14	27°29	16°10	16°37	18°56	18° 0	16° 6	28°38	8°53	S 4
M 5	2 56 22	12°15'59	24°25	26°40	3° 6	6°41	7°26	27°26	16° 9	16°35	18°57	17°54	16° 3	28°44	8°51	M 5
T 6	3 0 18	13°15'27	6♉15	28°14	4°16	7°15	7°39	27°24	16° 8	16°34	18°57	17°46	16° 0	28°51	8°50	T 6
W 7	3 4 15	14°14'57	18° 9	29°49	5°27	7°49	7°52	27°21	16° 7	16°32	18°57	17°36	15°56	28°58	8°48	W 7
T 8	3 8 12	15°14'28	0♊ 8	1♏26	6°39	8°23	8° 5	27°18	16° 7	16°31	18°58	17°25	15°53	29° 5	8°47	T 8
F 9	3 12 8	16°14'02	12°14	3° 4	7°50	8°57	8°18	27°15	16° 6	16°29	18°58	17°14	15°50	29°11	8°45	F 9
S 10	3 16 5	17°13'38	24°27	4°44	9° 1	9°31	8°31	27°12	16° 5	16°28	18°58	17° 3	15°47	29°18	8°43	S 10
S 11	3 20 1	18°13'16	6♋50	6°24	10°13	10° 5	8°44	27° 9	16° 4	16°27	18°58	16°55	15°44	29°25	8°42	S 11
M12	3 23 58	19°12'56	19°24	8° 4	11°24	10°38	8°57	27° 5	16° 4	16°25	18°59	16°48	15°41	29°31	8°40	M12
T 13	3 27 54	20°12'38	2♌12	9°45	12°36	11°11	9°10	27° 2	16° 3	16°24	18°59	16°44	15°37	29°38	8°38	T 13
W14	3 31 51	21°12'23	15°17	11°25	13°48	11°45	9°23	26°59	16° 2	16°23	18°59	16°43	15°34	29°45	8°36	W14
T 15	3 35 48	22°12'09	28°41	13° 6	14°59	12°18	9°36	26°55	16° 2	16°22	18°59	16°D43	15°31	29°51	8°34	T 15
F 16	3 39 44	23°11'58	12♍29	14°47	16°11	12°51	9°48	26°51	16° 1	16°20	18°59	16°R43	15°28	29°58	8°32	F 16
S 17	3 43 41	24°11'49	26°39	16°28	17°23	13°23	10° 1	26°48	16° 1	16°19	18°59	16°43	15°25	0♉ 5	8°30	S 17
S 18	3 47 37	25°11'42	11♎13	18° 8	18°36	13°56	10°14	26°44	16° 0	16°18	18°59	16°41	15°22	0°11	8°27	S 18
M19	3 51 34	26°11'37	26° 6	19°48	19°48	14°29	10°27	26°40	16° 0	16°17	18°59	16°36	15°18	0°18	8°25	M19
T 20	3 55 30	27°11'34	11♏13	21°28	21° 0	15° 1	10°40	26°36	16° 0	16°15	18°R59	16°28	15°15	0°25	8°23	T 20
W21	3 59 27	28°11'33	26°23	23° 7	22°13	15°33	10°52	26°32	15°59	16°14	18°59	16°19	15°12	0°31	8°20	W21
T 22	4 3 23	29°11'34	11♐26	24°47	23°25	16° 5	11° 5	26°28	15°59	16°13	18°59	16° 8	15° 9	0°38	8°18	T 22
F 23	4 7 20	0♐11'37	26°13	26°25	24°38	16°37	11°18	26°24	15°59	16°12	18°59	15°57	15° 6	0°45	8°15	F 23
S 24	4 11 17	1°11'42	10♑35	28° 4	25°50	17° 9	11°30	26°20	15°59	16°11	18°59	15°47	15° 2	0°51	8°13	S 24
S 25	4 15 13	2°11'48	24°28	29°42	27° 3	17°41	11°43	26°16	15°D59	16°10	18°59	15°40	14°59	0°58	8°10	S 25
M26	4 19 10	3°11'56	7♒52	1♐19	28°16	18°12	11°55	26°12	15°59	16° 9	18°59	15°35	14°56	1° 5	8° 7	M26
T 27	4 23 6	4°12'05	20°48	2°56	29°29	18°44	12° 8	26° 7	15°59	16° 8	18°59	15°32	14°53	1°12	8° 5	T 27
W28	4 27 3	5°12'15	3♓20	4°33	0♏42	19°15	12°20	26° 3	15°59	16° 7	18°59	15°D32	14°50	1°18	8° 2	W28
T 29	4 30 59	6°12'27	15°33	6° 9	1°55	19°46	12°33	25°59	15°59	16° 6	18°58	15°R32	14°47	1°25	7°59	T 29
F 30	4 34 56	7♐12'40	27♓33	7♐46	3♏ 8	20♍17	12♏45	25♊54	15♓59	16♈ 5	18♌58	15♓31	14♓43	1♉32	7♋56	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	14s11	9s52	1s 0	6s19	1n57	1n36	1n 3	11n13	1n28	12s40	1n 1	21n32	1s44	6s 9	0s49	5n16	1s22	18n17	3n24	4s42	5s23	14n 2	16n20	6s40	T 1
F 2	14 30	4 18	0n 4	6 46	1 59	1 11	1 6	11 1	1 29	12 44	1 1	21 32	1 44	6 9	0 49	5 15	1 22	18 17	3 24	4 41	5 25	14 5	16 20	6 41	F 2
S 3	14 49	1n21	1 8	7 16	2 1	0 46	1 9	10 49	1 30	12 48	1 1	21 32	1 44	6 10	0 49	5 15	1 22	18 17	3 24	4 42	5 26	14 8	16 19	6 41	S 3
S 4	15 7	6 55	2 8	7 47	2 2	0 21	1 12	10 37	1 31	12 53	1 1	21 31	1 45	6 10	0 49	5 14	1 22	18 17	3 24	4 43	5 27	14 11	16 19	6 42	S 4
M 5	15 25	12 14	3 2	8 20	2 1	0s 5	1 14	10 25	1 32	12 57	1 1	21 31	1 45	6 11	0 49	5 13	1 22	18 17	3 24	4 45	5 28	14 14	16 18	6 42	M 5
T 6	15 43	17 7	3 49	8 54	2 0	0 30	1 17	10 13	1 32	13 1	1 1	21 31	1 45	6 11	0 49	5 13	1 22	18 17	3 25	4 48	5 29	14 17	16 18	6 43	T 6
W 7	16 1	21 22	4 25	9 29	1 58	0 56	1 20	10 1	1 33	13 5	1 1	21 31	1 45	6 11	0 49	5 12	1 21	18 17	3 25	4 52	5 31	14 20	16 18	6 43	W 7
T 8	16 18	24 47	4 50	10 5	1 56	1 22	1 22	9 50	1 34	13 9	1 1	21 31	1 45	6 12	0 49	5 12	1 21	18 17	3 25	4 56	5 32	14 22	16 17	6 44	T 8
F 9	16 35	27 7	5 3	10 42	1 53	1 48	1 24	9 38	1 35	13 13	1 1	21 31	1 45	6 12	0 48	5 11	1 21	18 18	3 25	5 1	5 33	14 25	16 17	6 44	F 9
S 10	16 52	28 11	5 1	11 18	1 49	2 14	1 26	9 26	1 36	13 17	1 1	21 31	1 45	6 12	0 48	5 11	1 21	18 18	3 25	5 5	5 34	14 28	16 16	6 45	S 10
S 11	17 9	27 52	4 46	11 55	1 45	2 40	1 29	9 14	1 37	13 22	1 1	21 31	1 45	6 12	0 48	5 10	1 21	18 18	3 25	5 8	5 36	14 31	16 16	6 45	S 11
M12	17 25	26 8	4 16	12 32	1 40	3 6	1 31	9 2	1 37	13 26	1 1	21 30	1 45	6 13	0 48	5 10	1 21	18 18	3 26	5 11	5 37	14 34	16 16	6 46	M12
T 13	17 41	23 1	3 34	13 8	1 35	3 32	1 32	8 50	1 38	13 30	1 1	21 30	1 45	6 13	0 48	5 9	1 21	18 18	3 26	5 12	5 38	14 37	16 15	6 46	T 13
W14	17 57	18 41	2 39	13 45	1 30	3 57	1 34	8 39	1 39	13 34	1 1	21 30	1 45	6 13	0 48	5 9	1 21	18 18	3 26	5 13	5 39	14 40	16 15	6 47	W14
T 15	18 12	13 20	1 34	14 20	1 24	4 23	1 36	8 27	1 40	13 38	1 1	21 30	1 45	6 13	0 48	5 8	1 21	18 18	3 26	5 13	5 40	14 43	16 15	6 47	T 15
F 16	18 27	7 11	0 23	14 56	1 18	4 49	1 38	8 15	1 41	13 42	1 1	21 30	1 45	6 13	0 48	5 8	1 21	18 18	3 26	5 13	5 42	14 46	16 14	6 47	F 16
S 17	18 42	0 31	0s53	15 30	1 12	5 15	1 39	8 3	1 42	13 46	1 1	21 30	1 45	6 13	0 48	5 8	1 21	18 18	3 26	5 13	5 43	14 49	16 14	6 48	S 17
S 18	18 57	6s21	2 6	16 4	1 6	5 41	1 41	7 52	1 43	13 50	1 1	21 30	1 45	6 14	0 48	5 7	1 21	18 18	3 26	5 14	5 44	14 52	16 14	6 48	S 18
M19	19 11	13 1	3 13	16 37	0 59	6 7	1 42	7 40	1 44	13 54	1 1	21 30	1 45	6 14	0 48	5 7	1 21	18 19	3 27	5 16	5 45	14 55	16 13	6 49	M19
T 20	19 25	19 1	4 7	17 10	0 53	6 33	1 43	7 28	1 44	13 58	1 1	21 29	1 45	6 14	0 48	5 6	1 21	18 19	3 27	5 18	5 47	14 58	16 13	6 49	T 20
W21	19 38	23 49	4 44	17 42	0 46	6 59	1 45	7 17	1 45	14 1	1 1	21 29	1 45	6 14	0 48	5 6	1 21	18 19	3 27	5 22	5 48	15 1	16 13	6 50	W21
T 22	19 51	26 58	5 0	18 12	0 39	7 24	1 46	7 5	1 46	14 5	1 1	21 29	1 45	6 14	0 48	5 5	1 21	18 19	3 27	5 26	5 49	15 4	16 13	6 50	T 22
F 23	20 4	28 11	4 57	18 42	0 33	7 50	1 47	6 54	1 47	14 9	1 1	21 29	1 45	6 14	0 48	5 5	1 21	18 19	3 27	5 31	5 50	15 7	16 12	6 50	F 23
S 24	20 16	27 25	4 34	19 11	0 26	8 15	1 48	6 42	1 48	14 13	1 1	21 29	1 45	6 14	0 48	5 5	1 21	18 19	3 27	5 34	5 51	15 10	16 12	6 51	S 24
S 25	20 28	24 57	3 56	19 39	0 19	8 40	1 48	6 31	1 49	14 17	1 1	21 29	1 45	6 14	0 48	5 4	1 21	18 20	3 28	5 37	5 53	15 13	16 12	6 51	S 25
M26	20 40	21 10	3 5	20 6	0 12	9 5	1 49	6 19	1 50	14 21	1 1	21 29	1 45	6 14	0 48	5 4	1 21	18 20	3 28	5 39	5 54	15 16	16 12	6 52	M26
T 27	20 51	16 29	2 7	20 32	0 5	9 30	1 50	6 8	1 51	14 24	1 1	21 29	1 45	6 14	0 48	5 4	1 21	18 20	3 28	5 40	5 55	15 18	16 11	6 52	T 27
W28	21 2	11 13	1 4	20 57	0s 2	9 55	1 50	5 57	1 52	14 28	1 1	21 28	1 45	6 14	0 48	5 3	1 21	18 20	3 28	5 40	5 56	15 21	16 11	6 52	W28
T 29	21 13	5 40	0n 0	21 20	0 9	10 20	1 51	5 45	1 53	14 32	1 1	21 28	1 45	6 14	0 48	5 3	1 21	18 20	3 28	5 40	5 58	15 24	16 11	6 53	T 29
F 30	21s23	0s 0	1n 3	21s43	0s15	10s44	1n51	5n34	1n54	14s35	1n 2	21n28	1s45	6s13	0s48	5n 3	1s21	18n21	3n28	5s40	5s59	15n27	16n11	6s53	F 30

Julian Day Number = 2882469.5, Delta T = 01h16m06s
Ecliptic obliquity = 23°17'21, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°15'48, Lahiri = 40°22'48

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ASTRODIENST EPHEMERIS for the year 3179
geocentric

DECEMBER 3179 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 38 52	8♐12'55	9♈24	9♐21	4♏21	20♍47	12♏58	25°R50	16♓ 0	16°R 4	18°R58	15°R29	14♓40	1♉38	7°R53	S 1
S 2	4 42 49	9°13'11	21°13	10°57	5°34	21°18	13°10	25♊45	16° 0	16♈ 3	18♘58	15♓25	14°37	1°45	7♋50	S 2
M 3	4 46 46	10°13'29	3♉ 2	12°32	6°48	21°48	13°22	25°40	16° 0	16° 3	18°57	15°17	14°34	1°52	7°47	M 3
T 4	4 50 42	11°13'48	14°55	14° 7	8° 1	22°18	13°34	25°36	16° 1	16° 2	18°57	15° 7	14°31	1°58	7°44	T 4
W 5	4 54 39	12°14'08	26°56	15°41	9°14	22°48	13°47	25°31	16° 1	16° 1	18°56	14°54	14°28	2° 5	7°41	W 5
T 6	4 58 35	13°14'31	9♊ 4	17°15	10°28	23°18	13°59	25°26	16° 2	16° 0	18°56	14°40	14°24	2°12	7°38	T 6
F 7	5 2 32	14°14'54	21°22	18°49	11°41	23°47	14°11	25°22	16° 2	16° 0	18°56	14°26	14°21	2°18	7°35	F 7
S 8	5 6 28	15°15'20	3♋50	20°23	12°55	24°17	14°23	25°17	16° 3	15°59	18°55	14°12	14°18	2°25	7°32	S 8
S 9	5 10 25	16°15'47	16°28	21°57	14° 9	24°46	14°35	25°12	16° 4	15°58	18°55	14° 0	14°15	2°32	7°28	S 9
M10	5 14 21	17°16'15	29°16	23°30	15°22	25°15	14°47	25° 7	16° 4	15°58	18°54	13°52	14°12	2°38	7°25	M10
T 11	5 18 18	18°16'45	12♌15	25° 4	16°36	25°44	14°59	25° 2	16° 5	15°57	18°54	13°46	14° 8	2°45	7°22	T 11
W12	5 22 15	19°17'17	25°26	26°37	17°50	26°12	15°11	24°57	16° 6	15°57	18°53	13°43	14° 5	2°52	7°18	W12
T 13	5 26 11	20°17'51	8♍52	28° 9	19° 4	26°41	15°22	24°53	16° 7	15°56	18°53	13°42	14° 2	2°59	7°15	T 13
F 14	5 30 8	21°18'26	22°33	29°42	20°18	27° 9	15°34	24°48	16° 8	15°56	18°52	13°42	13°59	3° 5	7°12	F 14
S 15	5 34 4	22°19'02	6♎32	1♏15	21°32	27°37	15°46	24°43	16° 9	15°55	18°51	13°42	13°56	3°12	7° 8	S 15
S 16	5 38 1	23°19'41	20°48	2°47	22°46	28° 5	15°57	24°38	16°10	15°55	18°51	13°39	13°53	3°19	7° 5	S 16
M17	5 41 57	24°20'21	5♏20	4°20	24° 0	28°32	16° 9	24°33	16°11	15°54	18°50	13°34	13°49	3°25	7° 1	M17
T 18	5 45 54	25°21'03	20° 3	5°52	25°14	28°59	16°20	24°28	16°12	15°54	18°49	13°27	13°46	3°32	6°58	T 18
W19	5 49 50	26°21'46	4♐52	7°24	26°28	29°26	16°32	24°23	16°13	15°54	18°49	13°17	13°43	3°39	6°54	W19
T 20	5 53 47	27°22'31	19°39	8°56	27°42	29°53	16°43	24°18	16°14	15°53	18°48	13° 5	13°40	3°45	6°51	T 20
F 21	5 57 44	28°23'16	4♑14	10°27	28°56	0♐20	16°54	24°13	16°15	15°53	18°47	12°53	13°37	3°52	6°47	F 21
S 22	6 1 40	29°24'03	18°30	11°59	0♐11	0°46	17° 5	24° 8	16°17	15°53	18°46	12°43	13°34	3°59	6°44	S 22
S 23	6 5 37	0♑24'51	2♒22	13°30	1°25	1°12	17°17	24° 4	16°18	15°53	18°46	12°35	13°30	4° 5	6°40	S 23
M24	6 9 33	1°25'40	15°48	15° 2	2°39	1°38	17°28	23°59	16°20	15°53	18°45	12°29	13°27	4°12	6°37	M24
T 25	6 13 30	2°26'30	28°47	16°32	3°54	2° 3	17°39	23°54	16°21	15°53	18°44	12°26	13°24	4°19	6°33	T 25
W26	6 17 26	3°27'20	11♓23	18° 3	5° 8	2°28	17°49	23°49	16°23	15°53	18°43	12°D25	13°21	4°26	6°29	W26
T 27	6 21 23	4°28'12	23°40	19°33	6°22	2°53	18° 0	23°44	16°24	15°52	18°42	12°25	13°18	4°32	6°26	T 27
F 28	6 25 20	5°29'03	5♈41	21° 3	7°37	3°18	18°11	23°40	16°26	15°D52	18°41	12°R26	13°14	4°39	6°22	F 28
S 29	6 29 16	6°29'56	17°34	22°32	8°51	3°42	18°22	23°35	16°27	15°53	18°40	12°25	13°11	4°46	6°18	S 29
S 30	6 33 13	7°30'49	29°24	24° 1	10° 6	4° 6	18°32	23°30	16°29	15°53	18°39	12°22	13° 8	4°52	6°15	S 30
M31	6 37 9	8♑31'43	11♉15	25♑28	11♐20	4♐30	18♏43	23♊25	16♓31	15♈53	18♘38	12♓17	13♓ 5	4♉59	6♋11	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s32	5n35	2n 3	22s 5	0s22	11s 8	1n52	5n23	1n55	14s39	1n 2	21n28	1s45	6s13	0s48	5n 2	1s21	18n21	3n29	5s41	6s 0	15n30	16n11	6s53
S 2	21 42	10 57	2 57	22 25	0 29	11 32	1 52	5 12	1 55	14 43	1 2	21 28	1 45	6 13	0 48	5 2	1 21	18 21	3 29	5 43	6 1	15 33	16 11	6 54
M 3	21 51	15 56	3 43	22 44	0 35	11 56	1 52	5 1	1 56	14 46	1 2	21 28	1 45	6 13	0 48	5 2	1 21	18 21	3 29	5 46	6 2	15 36	16 10	6 54
T 4	21 59	20 21	4 20	23 2	0 42	12 20	1 52	4 50	1 57	14 50	1 2	21 28	1 45	6 13	0 47	5 1	1 21	18 22	3 29	5 50	6 4	15 39	16 10	6 54
W 5	22 7	23 58	4 45	23 19	0 48	12 43	1 52	4 39	1 58	14 54	1 2	21 28	1 45	6 13	0 47	5 1	1 21	18 22	3 29	5 55	6 5	15 42	16 10	6 55
T 6	22 15	26 35	4 58	23 35	0 54	13 6	1 52	4 28	1 59	14 57	1 2	21 27	1 45	6 12	0 47	5 1	1 21	18 22	3 29	6 0	6 6	15 45	16 10	6 55
F 7	22 22	27 57	4 57	23 49	1 0	13 29	1 51	4 18	2 0	15 1	1 2	21 27	1 45	6 12	0 47	5 1	1 21	18 22	3 29	6 6	6 7	15 47	16 10	6 55
S 8	22 29	27 56	4 42	24 3	1 6	13 51	1 51	4 7	2 1	15 4	1 2	21 27	1 45	6 12	0 47	5 0	1 21	18 23	3 30	6 11	6 8	15 50	16 10	6 56
S 9	22 35	26 28	4 13	24 15	1 12	14 13	1 51	3 56	2 2	15 7	1 2	21 27	1 45	6 12	0 47	5 0	1 21	18 23	3 30	6 15	6 10	15 53	16 10	6 56
M10	22 41	23 37	3 31	24 26	1 18	14 35	1 50	3 46	2 3	15 11	1 2	21 27	1 45	6 11	0 47	5 0	1 21	18 23	3 30	6 19	6 11	15 56	16 9	6 56
T 11	22 47	19 33	2 38	24 35	1 23	14 56	1 50	3 35	2 4	15 14	1 2	21 27	1 45	6 11	0 47	5 0	1 21	18 24	3 30	6 21	6 12	15 59	16 9	6 56
W12	22 52	14 27	1 35	24 43	1 29	15 18	1 49	3 25	2 5	15 18	1 2	21 27	1 45	6 11	0 47	5 0	1 21	18 24	3 30	6 22	6 13	16 2	16 9	6 57
T 13	22 56	8 36	0 26	24 50	1 34	15 38	1 48	3 15	2 6	15 21	1 2	21 27	1 45	6 10	0 47	5 0	1 20	18 24	3 30	6 22	6 15	16 5	16 9	6 57
F 14	23 0	2 13	0s47	24 56	1 39	15 59	1 48	3 5	2 7	15 24	1 2	21 27	1 45	6 10	0 47	4 59	1 20	18 25	3 30	6 22	6 16	16 7	16 9	6 57
S 15	23 4	4s23	1 58	25 0	1 43	16 19	1 47	2 54	2 8	15 28	1 2	21 26	1 45	6 9	0 47	4 59	1 20	18 25	3 31	6 22	6 17	16 10	16 9	6 57
S 16	23 7	10 53	3 3	25 3	1 48	16 38	1 46	2 44	2 9	15 31	1 2	21 26	1 45	6 9	0 47	4 59	1 20	18 25	3 31	6 23	6 18	16 13	16 9	6 57
M17	23 10	16 56	3 57	25 5	1 52	16 58	1 45	2 35	2 10	15 34	1 3	21 26	1 45	6 9	0 47	4 59	1 20	18 26	3 31	6 25	6 19	16 16	16 9	6 58
T 18	23 12	22 5	4 36	25 6	1 56	17 16	1 44	2 25	2 11	15 37	1 3	21 26	1 44	6 8	0 47	4 59	1 20	18 26	3 31	6 28	6 21	16 19	16 9	6 58
W19	23 14	25 51	4 58	25 5	2 0	17 35	1 42	2 15	2 12	15 40	1 3	21 26	1 44	6 8	0 47	4 59	1 20	18 26	3 31	6 32	6 22	16 22	16 9	6 58
T 20	23 16	27 51	4 59	25 2	2 3	17 53	1 41	2 5	2 14	15 43	1 3	21 26	1 44	6 7	0 47	4 59	1 20	18 27	3 31	6 36	6 23	16 24	16 9	6 58
F 21	23 17	27 54	4 40	24 59	2 6	18 10	1 40	1 56	2 15	15 47	1 3	21 26	1 44	6 7	0 47	4 59	1 20	18 27	3 31	6 41	6 24	16 27	16 9	6 58
S 22	23 17	26 4	4 5	24 54	2 9	18 27	1 39	1 46	2 16	15 50	1 3	21 26	1 44	6 6	0 47	4 59	1 20	18 27	3 32	6 45	6 25	16 30	16 9	6 58
S 23	23 17	22 41	3 15	24 48	2 12	18 44	1 37	1 37	2 17	15 53	1 3	21 25	1 44	6 5	0 47	4 59	1 20	18 28	3 32	6 48	6 27	16 33	16 9	6 59
M24	23 17	18 10	2 16	24 40	2 14	19 0	1 36	1 28	2 18	15 56	1 3	21 25	1 44	6 5	0 47	4 59	1 20	18 28	3 32	6 50	6 28	16 36	16 9	6 59
T 25	23 16	12 57	1 12	24 31	2 16	19 15	1 34	1 19	2 19	15 59	1 3	21 25	1 44	6 4	0 47	4 59	1 20	18 29	3 32	6 51	6 29	16 38	16 9	6 59
W26	23 15	7 20	0 5	24 21	2 17	19 30	1 33	1 10	2 20	16 1	1 3	21 25	1 44	6 4	0 47	4 59	1 20	18 29	3 32	6 52	6 30	16 41	16 9	6 59
T 27	23 13	1 35	0n59	24 9	2 18	19 45	1 31	1 1	2 21	16 4	1 3	21 25	1 44	6 3	0 47	4 59	1 20	18 29	3 32	6 51	6 32	16 44	16 9	6 59
F 28	23 11	4n 6	2 1	23 56	2 19	19 59	1 29	0 53	2 22	16 7	1 3	21 25	1 43	6 2	0 47	4 59	1 20	18 30	3 32	6 51	6 33	16 47	16 10	6 59
S 29	23 8	9 34	2 56	23 42	2 19	20 12	1 27	0 44	2 23	16 10	1 4	21 25	1 43	6 2	0 46	4 59	1 20	18 30	3 33	6 52	6 34	16 50	16 10	6 59
S 30	23 5	14 40	3 43	23 27	2 19	20 25	1 25	0 36	2 25	16 13	1 4	21 25	1 43	6 1	0 46	4 59	1 20	18 31	3 33	6 53	6 35	16 52	16 10	6 59
M31	23s 1	19n14	4n21	23s10	2s18	20s37	1n24	0n27	2n26	16s16	1n 4	21n25	1s43	6s 0	0s46	4n59	1s20	18n31	3n33	6s54	6s36	16n55	16n10	6s59

Julian Day Number = 2882499.5, Delta T = 01h16m06s
Ecliptic obliquity = 23°17'21, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°15'52, Lahiri = 40°22'52

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ASTRODIENST EPHEMERIS for the year 3180
geocentric

JANUARY 3180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 41 6	9♑32'38	23♉11	26♑55	12♐35	4♎53	18♏53	23°R21	16♓33	15♈53	18°R38	12°R10	13♓ 2	5♉ 6	6°R 8	T 1
W 2	6 45 2	10°33'33	5♊17	28°21	13°50	5°16	19° 3	23♊16	16°34	15°53	18♌37	12♓ 0	12°59	5°12	6♋ 4	W 2
T 3	6 48 59	11°34'29	17°35	29°46	15° 4	5°39	19°13	23°12	16°36	15°53	18°36	11°49	12°55	5°19	6° 0	T 3
F 4	6 52 55	12°35'26	0♋ 6	1♒ 9	16°19	6° 2	19°23	23° 7	16°38	15°53	18°34	11°37	12°52	5°26	5°57	F 4
S 5	6 56 52	13°36'23	12°50	2°30	17°33	6°24	19°33	23° 3	16°40	15°54	18°33	11°26	12°49	5°32	5°53	S 5
S 6	7 0 49	14°37'21	25°47	3°50	18°48	6°46	19°43	22°58	16°42	15°54	18°32	11°17	12°46	5°39	5°50	S 6
M 7	7 4 45	15°38'20	8♌57	5° 7	20° 3	7° 7	19°53	22°54	16°44	15°54	18°31	11°10	12°43	5°46	5°46	M 7
T 8	7 8 42	16°39'19	22°18	6°21	21°18	7°28	20° 3	22°50	16°46	15°55	18°30	11° 6	12°40	5°53	5°42	T 8
W 9	7 12 38	17°40'19	5♍48	7°32	22°32	7°49	20°12	22°46	16°48	15°55	18°29	11°D 4	12°36	5°59	5°39	W 9
T 10	7 16 35	18°41'20	19°28	8°39	23°47	8° 9	20°22	22°41	16°50	15°56	18°28	11° 4	12°33	6° 6	5°35	T 10
F 11	7 20 31	19°42'21	3♎18	9°41	25° 2	8°29	20°31	22°37	16°53	15°56	18°27	11° 5	12°30	6°13	5°32	F 11
S 12	7 24 28	20°43'24	17°16	10°39	26°17	8°49	20°41	22°33	16°55	15°57	18°26	11°R 6	12°27	6°19	5°28	S 12
S 13	7 28 24	21°44'27	1♏23	11°30	27°32	9° 8	20°50	22°29	16°57	15°57	18°25	11° 6	12°24	6°26	5°25	S 13
M14	7 32 21	22°45'31	15°37	12°15	28°47	9°27	20°59	22°25	17° 0	15°58	18°23	11° 3	12°20	6°33	5°22	M14
T 15	7 36 18	23°46'36	29°57	12°53	0♑ 1	9°45	21° 8	22°22	17° 2	15°58	18°22	10°59	12°17	6°39	5°18	T 15
W16	7 40 14	24°47'41	14♐18	13°22	1°16	10° 3	21°17	22°18	17° 4	15°59	18°21	10°53	12°14	6°46	5°15	W16
T 17	7 44 11	25°48'47	28°36	13°41	2°31	10°20	21°25	22°14	17° 7	16° 0	18°20	10°45	12°11	6°53	5°11	T 17
F 18	7 48 7	26°49'53	12♑45	13°R51	3°46	10°37	21°34	22°11	17° 9	16° 0	18°19	10°38	12° 8	7° 0	5° 8	F 18
S 19	7 52 4	27°50'59	26°41	13°49	5° 1	10°54	21°42	22° 7	17°12	16° 1	18°17	10°31	12° 5	7° 6	5° 5	S 19
S 20	7 56 0	28°52'06	10♒18	13°36	6°16	11°10	21°51	22° 4	17°14	16° 2	18°16	10°25	12° 1	7°13	5° 2	S 20
M21	7 59 57	29°53'13	23°35	13°11	7°31	11°26	21°59	22° 0	17°17	16° 3	18°15	10°22	11°58	7°20	4°58	M21
T 22	8 3 54	0♒54'19	6♓31	12°34	8°46	11°41	22° 7	21°57	17°19	16° 4	18°14	10°D20	11°55	7°26	4°55	T 22
W23	8 7 50	1°55'26	19° 6	11°46	10° 1	11°55	22°15	21°54	17°22	16° 4	18°12	10°21	11°52	7°33	4°52	W23
T 24	8 11 47	2°56'32	1♈24	10°48	11°16	12°10	22°23	21°51	17°25	16° 5	18°11	10°22	11°49	7°40	4°49	T 24
F 25	8 15 43	3°57'38	13°28	9°41	12°31	12°23	22°31	21°48	17°27	16° 6	18°10	10°24	11°46	7°46	4°46	F 25
S 26	8 19 40	4°58'44	25°23	8°26	13°46	12°36	22°38	21°45	17°30	16° 7	18° 8	10°25	11°42	7°53	4°43	S 26
S 27	8 23 36	5°59'50	7♉14	7° 8	15° 1	12°49	22°46	21°42	17°33	16° 8	18° 7	10°R26	11°39	8° 0	4°40	S 27
M28	8 27 33	7° 0'55	19° 6	5°47	16°16	13° 1	22°53	21°39	17°36	16° 9	18° 6	10°25	11°36	8° 7	4°37	M28
T 29	8 31 29	8° 2'00	1♊ 4	4°28	17°31	13°12	23° 0	21°37	17°39	16°10	18° 4	10°22	11°33	8°13	4°34	T 29
W30	8 35 26	9° 3'04	13°12	3°11	18°46	13°23	23° 7	21°34	17°41	16°12	18° 3	10°19	11°30	8°20	4°32	W30
T 31	8 39 23	10♒ 4'08	25♊34	2♒ 0	20♑ 1	13♎33	23♏14	21♊32	17♓44	16♈13	18♌ 2	10♓14	11♓27	8♉27	4♋29	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s57	23n 5	4n47	22s52	2s16	20s49	1n22	0n19	2n27	16s18	1n 4	21n25	1s43	6s 0	0s46	4n59	1s20	18n31	3n33	6s57	6s38	16n58	16n10	6s59
W 2	22 52	25 59	5 1	22 33	2 14	21 0	1 20	0 11	2 28	16 21	1 4	21 25	1 43	5 59	0 46	4 59	1 20	18 32	3 33	7 1	6 39	17 1	16 10	6 59
T 3	22 47	27 43	5 2	22 13	2 12	21 10	1 18	0 3	2 29	16 24	1 4	21 24	1 43	5 58	0 46	4 59	1 20	18 32	3 33	7 5	6 40	17 4	16 10	6 59
F 4	22 42	28 5	4 48	21 52	2 8	21 20	1 16	0s 5	2 30	16 26	1 4	21 24	1 42	5 57	0 46	4 59	1 20	18 33	3 33	7 10	6 41	17 6	16 10	6 59
S 5	22 36	26 59	4 20	21 29	2 4	21 30	1 13	0 12	2 32	16 29	1 4	21 24	1 42	5 57	0 46	4 59	1 20	18 33	3 34	7 14	6 42	17 9	16 11	6 59
S 6	22 30	24 25	3 38	21 6	1 59	21 38	1 11	0 20	2 33	16 31	1 4	21 24	1 42	5 56	0 46	5 0	1 20	18 34	3 34	7 17	6 44	17 12	16 11	6 59
M 7	22 23	20 32	2 43	20 42	1 54	21 46	1 9	0 27	2 34	16 34	1 5	21 24	1 42	5 55	0 46	5 0	1 20	18 34	3 34	7 20	6 45	17 15	16 11	6 59
T 8	22 15	15 33	1 39	20 18	1 47	21 54	1 7	0 34	2 35	16 36	1 5	21 24	1 42	5 54	0 46	5 0	1 19	18 35	3 34	7 22	6 46	17 17	16 11	6 59
W 9	22 8	9 46	0 28	19 53	1 40	22 0	1 4	0 41	2 36	16 39	1 5	21 24	1 42	5 53	0 46	5 0	1 19	18 35	3 34	7 22	6 47	17 20	16 11	6 59
T 10	22 0	3 27	0s45	19 27	1 31	22 7	1 2	0 48	2 38	16 41	1 5	21 24	1 41	5 52	0 46	5 0	1 19	18 35	3 34	7 22	6 48	17 23	16 11	6 59
F 11	21 51	3s 5	1 57	19 2	1 22	22 12	1 0	0 55	2 39	16 43	1 5	21 24	1 41	5 51	0 46	5 1	1 19	18 36	3 34	7 22	6 50	17 25	16 12	6 59
S 12	21 42	9 33	3 2	18 36	1 12	22 17	0 57	1 1	2 40	16 46	1 5	21 24	1 41	5 51	0 46	5 1	1 19	18 36	3 34	7 21	6 51	17 28	16 12	6 59
S 13	21 33	15 35	3 57	18 11	1 0	22 21	0 55	1 7	2 41	16 48	1 5	21 24	1 41	5 50	0 46	5 1	1 19	18 37	3 34	7 22	6 52	17 31	16 12	6 59
M14	21 23	20 51	4 38	17 46	0 47	22 25	0 52	1 14	2 43	16 50	1 5	21 24	1 41	5 49	0 46	5 1	1 19	18 37	3 35	7 22	6 53	17 34	16 12	6 59
T 15	21 13	24 56	5 2	17 23	0 34	22 27	0 50	1 20	2 44	16 52	1 6	21 24	1 41	5 48	0 46	5 2	1 19	18 38	3 35	7 24	6 54	17 36	16 12	6 59
W16	21 2	27 27	5 7	17 0	0 19	22 29	0 47	1 25	2 45	16 55	1 6	21 24	1 40	5 47	0 46	5 2	1 19	18 38	3 35	7 26	6 56	17 39	16 13	6 59
T 17	20 51	28 10	4 53	16 39	0 3	22 31	0 45	1 31	2 46	16 57	1 6	21 24	1 40	5 46	0 46	5 2	1 19	18 39	3 35	7 29	6 57	17 42	16 13	6 59
F 18	20 40	27 1	4 21	16 21	0n14	22 32	0 42	1 36	2 48	16 59	1 6	21 24	1 40	5 45	0 46	5 2	1 19	18 39	3 35	7 32	6 58	17 44	16 13	6 58
S 19	20 28	24 11	3 34	16 4	0 32	22 32	0 40	1 42	2 49	17 1	1 6	21 24	1 40	5 44	0 46	5 3	1 19	18 40	3 35	7 35	6 59	17 47	16 14	6 58
S 20	20 15	20 3	2 36	15 50	0 50	22 31	0 37	1 47	2 50	17 3	1 6	21 24	1 40	5 43	0 46	5 3	1 19	18 40	3 35	7 37	7 1	17 50	16 14	6 58
M21	20 3	14 59	1 30	15 39	1 9	22 30	0 35	1 51	2 52	17 5	1 6	21 24	1 39	5 42	0 46	5 3	1 19	18 41	3 35	7 38	7 2	17 52	16 14	6 58
T 22	19 50	9 23	0 21	15 31	1 29	22 28	0 32	1 56	2 53	17 7	1 7	21 24	1 39	5 41	0 46	5 4	1 19	18 41	3 35	7 39	7 3	17 55	16 14	6 58
W23	19 36	3 33	0n48	15 26	1 47	22 25	0 29	2 1	2 54	17 9	1 7	21 24	1 39	5 40	0 46	5 4	1 19	18 42	3 36	7 39	7 4	17 58	16 15	6 58
T 24	19 23	2n16	1 52	15 24	2 6	22 22	0 27	2 5	2 56	17 10	1 7	21 24	1 39	5 39	0 46	5 5	1 19	18 42	3 36	7 38	7 5	18 1	16 15	6 57
F 25	19 9	7 54	2 51	15 25	2 23	22 18	0 24	2 9	2 57	17 12	1 7	21 24	1 39	5 38	0 46	5 5	1 19	18 43	3 36	7 37	7 7	18 3	16 15	6 57
S 26	18 54	13 11	3 41	15 29	2 38	22 13	0 22	2 13	2 58	17 14	1 7	21 24	1 38	5 37	0 46	5 5	1 19	18 43	3 36	7 37	7 8	18 6	16 16	6 57
S 27	18 39	17 58	4 22	15 36	2 52	22 8	0 19	2 16	3 0	17 16	1 7	21 24	1 38	5 35	0 46	5 6	1 19	18 44	3 36	7 37	7 9	18 9	16 16	6 57
M28	18 24	22 3	4 51	15 44	3 3	22 2	0 16	2 20	3 1	17 17	1 7	21 24	1 38	5 34	0 46	5 6	1 19	18 44	3 36	7 37	7 10	18 11	16 16	6 57
T 29	18 9	25 16	5 8	15 55	3 12	21 55	0 14	2 23	3 2	17 19	1 8	21 24	1 38	5 33	0 46	5 7	1 19	18 45	3 36	7 38	7 11	18 14	16 17	6 56
W30	17 53	27 24	5 12	16 6	3 19	21 48	0 11	2 26	3 4	17 21	1 8	21 24	1 37	5 32	0 46	5 7	1 19	18 45	3 36	7 39	7 13	18 16	16 17	6 56
T 31	17s37	28n14	5n 1	16s18	3n22	21s40	0n 8	2s28	3n 5	17s22	1n 8	21n24	1s37	5s31	0s45	5n 8	1s19	18n46	3n36	7s41	7s14	18n19	16n17	6s56

Julian Day Number = 2882530.5, Delta T = 01h16m07s
Ecliptic obliquity = 23°17'20, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°15'56, Lahiri = 40°22'57

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3180
geocentric

FEBRUARY 3180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 43 19	11♒ 5'12	8♋13	0°R55	21♑17	13♎43	23♏21	21°R29	17♓47	16♈14	18°R 0	10°R 9	11♓23	8♉33	4°R26	F 1
S 2	8 47 16	12° 6'15	21°10	29♑59	22°32	13°52	23°27	21♊27	17°50	16°15	17♌59	10♓ 4	11°20	8°40	4♋23	S 2
S 3	8 51 12	13° 7'18	4♌25	29°12	23°47	14° 1	23°34	21°25	17°53	16°16	17°58	10° 0	11°17	8°47	4°21	S 3
M 4	8 55 9	14° 8'20	17°57	28°35	25° 2	14° 9	23°40	21°23	17°56	16°18	17°56	9°57	11°14	8°53	4°18	M 4
T 5	8 59 5	15° 9'22	1♍43	28° 7	26°17	14°16	23°46	21°21	17°59	16°19	17°55	9°55	11°11	9° 0	4°16	T 5
W 6	9 3 2	16°10'23	15°42	27°48	27°32	14°22	23°52	21°19	18° 2	16°20	17°54	9°D55	11° 7	9° 7	4°13	W 6
T 7	9 6 58	17°11'24	29°48	27°39	28°47	14°28	23°58	21°18	18° 5	16°22	17°52	9°56	11° 4	9°14	4°11	T 7
F 8	9 10 55	18°12'25	13♎59	27°D39	0♒ 2	14°34	24° 4	21°16	18° 8	16°23	17°51	9°58	11° 1	9°20	4° 9	F 8
S 9	9 14 52	19°13'25	28°13	27°46	1°17	14°38	24°10	21°15	18°12	16°24	17°50	9°59	10°58	9°27	4° 6	S 9
S 10	9 18 48	20°14'26	12♏25	28° 1	2°32	14°42	24°15	21°13	18°15	16°26	17°48	10° 0	10°55	9°34	4° 4	S 10
M11	9 22 45	21°15'26	26°35	28°23	3°48	14°45	24°20	21°12	18°18	16°27	17°47	10°R 0	10°52	9°40	4° 2	M11
T 12	9 26 41	22°16'26	10♐41	28°51	5° 3	14°48	24°25	21°11	18°21	16°29	17°46	9°59	10°48	9°47	4° 0	T 12
W13	9 30 38	23°17'25	24°39	29°24	6°18	14°50	24°30	21°10	18°24	16°30	17°44	9°58	10°45	9°54	3°58	W13
T 14	9 34 34	24°18'24	8♑29	0♒ 3	7°33	14°51	24°35	21° 9	18°27	16°32	17°43	9°55	10°42	10° 0	3°56	T 14
F 15	9 38 31	25°19'23	22° 9	0°46	8°48	14°R51	24°39	21° 8	18°31	16°33	17°42	9°53	10°39	10° 7	3°54	F 15
S 16	9 42 27	26°20'20	5♒36	1°34	10° 3	14°51	24°44	21° 7	18°34	16°35	17°40	9°51	10°36	10°14	3°53	S 16
S 17	9 46 24	27°21'17	18°49	2°26	11°19	14°49	24°48	21° 7	18°37	16°37	17°39	9°50	10°32	10°21	3°51	S 17
M18	9 50 21	28°22'14	1♓47	3°21	12°34	14°47	24°52	21° 6	18°41	16°38	17°38	9°49	10°29	10°27	3°49	M18
T 19	9 54 17	29°23'09	14°30	4°19	13°49	14°45	24°56	21° 6	18°44	16°40	17°36	9°D49	10°26	10°34	3°48	T 19
W20	9 58 14	0♓24'03	26°58	5°20	15° 4	14°41	25° 0	21° 6	18°47	16°42	17°35	9°50	10°23	10°41	3°46	W20
T 21	10 2 10	1°24'56	9♈13	6°23	16°19	14°37	25° 3	21° 5	18°50	16°43	17°34	9°50	10°20	10°47	3°45	T 21
F 22	10 6 7	2°25'48	21°16	7°29	17°34	14°31	25° 7	21°D 5	18°54	16°45	17°33	9°51	10°17	10°54	3°43	F 22
S 23	10 10 3	3°26'39	3♉11	8°37	18°49	14°26	25°10	21° 5	18°57	16°47	17°31	9°52	10°13	11° 1	3°42	S 23
S 24	10 14 0	4°27'29	15° 3	9°48	20° 5	14°19	25°13	21° 6	19° 1	16°49	17°30	9°53	10°10	11° 7	3°41	S 24
M25	10 17 56	5°28'17	26°55	11° 0	21°20	14°11	25°16	21° 6	19° 4	16°50	17°29	9°53	10° 7	11°14	3°40	M25
T 26	10 21 53	6°29'04	8♊51	12°14	22°35	14° 3	25°18	21° 6	19° 7	16°52	17°27	9°R53	10° 4	11°21	3°39	T 26
W27	10 25 50	7°29'49	20°58	13°29	23°50	13°54	25°21	21° 7	19°11	16°54	17°26	9°53	10° 1	11°28	3°38	W27
T 28	10 29 46	8°30'34	3♋19	14°46	25° 5	13°44	25°23	21° 8	19°14	16°56	17°25	9°53	9°58	11°34	3°37	T 28
F 29	10 33 43	9♓31'16	15♋58	16♒ 4	26♒20	13♎34	25♏25	21♊ 8	19♓18	16♈58	17♌24	9°D53	9♓54	11♉41	3♋36	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s20	27n38	4n36	16s31	3n24	21s31	0n 6	2s31	3n 6	17s24	1n 8	21n24	1s37	5s30	0s45	5n 8	1s19	18n46	3n36	7s43	7s15	18n22	16n18	6s56
S 2	17 3	25 31	3 56	16 43	3 23	21 22	0 3	2 33	3 8	17 25	1 8	21 24	1 37	5 29	0 45	5 9	1 19	18 47	3 36	7 45	7 16	18 24	16 18	6 55
S 3	16 46	22 0	3 3	16 56	3 20	21 12	0 0	2 35	3 9	17 27	1 8	21 24	1 37	5 27	0 45	5 9	1 19	18 47	3 36	7 46	7 17	18 27	16 18	6 55
M 4	16 29	17 14	1 58	17 8	3 15	21 2	0s 2	2 37	3 10	17 28	1 8	21 25	1 36	5 26	0 45	5 10	1 18	18 48	3 37	7 47	7 19	18 30	16 19	6 55
T 5	16 11	11 30	0 45	17 20	3 9	20 50	0 5	2 38	3 12	17 29	1 9	21 25	1 36	5 25	0 45	5 10	1 18	18 48	3 37	7 48	7 20	18 32	16 19	6 54
W 6	15 53	5 7	0s32	17 31	3 1	20 39	0 7	2 40	3 13	17 31	1 9	21 25	1 36	5 24	0 45	5 11	1 18	18 49	3 37	7 48	7 21	18 35	16 19	6 54
T 7	15 35	1s34	1 47	17 41	2 53	20 26	0 10	2 41	3 14	17 32	1 9	21 25	1 36	5 23	0 45	5 11	1 18	18 49	3 37	7 48	7 22	18 37	16 20	6 54
F 8	15 17	8 12	2 57	17 50	2 43	20 13	0 12	2 42	3 16	17 33	1 9	21 25	1 35	5 21	0 45	5 12	1 18	18 50	3 37	7 47	7 23	18 40	16 20	6 54
S 9	14 58	14 26	3 55	17 58	2 33	19 59	0 15	2 42	3 17	17 34	1 9	21 25	1 35	5 20	0 45	5 12	1 18	18 50	3 37	7 47	7 25	18 43	16 21	6 53
S 10	14 39	19 54	4 40	18 5	2 23	19 45	0 17	2 42	3 18	17 36	1 9	21 25	1 35	5 19	0 45	5 13	1 18	18 50	3 37	7 46	7 26	18 45	16 21	6 53
M11	14 20	24 15	5 7	18 12	2 12	19 30	0 20	2 42	3 20	17 37	1 10	21 25	1 35	5 18	0 45	5 13	1 18	18 51	3 37	7 46	7 27	18 48	16 21	6 53
T 12	14 0	27 7	5 15	18 17	2 2	19 15	0 22	2 42	3 21	17 38	1 10	21 26	1 34	5 16	0 45	5 14	1 18	18 51	3 37	7 47	7 28	18 50	16 22	6 52
W13	13 40	28 16	5 5	18 21	1 51	18 59	0 25	2 42	3 22	17 39	1 10	21 26	1 34	5 15	0 45	5 15	1 18	18 52	3 37	7 47	7 29	18 53	16 22	6 52
T 14	13 20	27 38	4 37	18 23	1 40	18 42	0 27	2 41	3 24	17 40	1 10	21 26	1 34	5 14	0 45	5 15	1 18	18 52	3 37	7 48	7 31	18 55	16 23	6 52
F 15	13 0	25 20	3 54	18 25	1 29	18 25	0 30	2 40	3 25	17 41	1 10	21 26	1 34	5 13	0 45	5 16	1 18	18 53	3 37	7 49	7 32	18 58	16 23	6 51
S 16	12 40	21 38	2 58	18 25	1 18	18 8	0 32	2 38	3 26	17 41	1 11	21 26	1 33	5 11	0 45	5 17	1 18	18 53	3 37	7 50	7 33	19 1	16 23	6 51
S 17	12 19	16 53	1 54	18 24	1 7	17 50	0 34	2 37	3 27	17 42	1 11	21 27	1 33	5 10	0 45	5 17	1 18	18 54	3 37	7 50	7 34	19 3	16 24	6 50
M18	11 58	11 28	0 44	18 22	0 56	17 31	0 37	2 35	3 29	17 43	1 11	21 27	1 33	5 9	0 45	5 18	1 18	18 54	3 37	7 50	7 35	19 6	16 24	6 50
T 19	11 37	5 40	0n26	18 19	0 46	17 12	0 39	2 33	3 30	17 44	1 11	21 27	1 33	5 7	0 45	5 18	1 18	18 55	3 38	7 50	7 36	19 8	16 25	6 50
W20	11 16	0n14	1 34	18 14	0 36	16 52	0 41	2 30	3 31	17 45	1 11	21 27	1 32	5 6	0 45	5 19	1 18	18 55	3 38	7 50	7 38	19 11	16 25	6 49
T 21	10 54	6 1	2 36	18 8	0 26	16 32	0 43	2 27	3 32	17 45	1 11	21 28	1 32	5 5	0 45	5 20	1 18	18 56	3 38	7 50	7 39	19 13	16 25	6 49
F 22	10 33	11 30	3 30	18 1	0 16	16 11	0 45	2 24	3 33	17 46	1 12	21 28	1 32	5 4	0 45	5 20	1 18	18 56	3 38	7 50	7 40	19 16	16 26	6 48
S 23	10 11	16 29	4 15	17 53	0 7	15 50	0 47	2 21	3 35	17 46	1 12	21 28	1 32	5 2	0 45	5 21	1 18	18 56	3 38	7 49	7 41	19 18	16 26	6 48
S 24	9 49	20 50	4 48	17 44	0s 3	15 29	0 49	2 18	3 36	17 47	1 12	21 28	1 31	5 1	0 45	5 22	1 18	18 57	3 38	7 49	7 42	19 21	16 27	6 48
M25	9 27	24 21	5 9	17 33	0 12	15 7	0 51	2 14	3 37	17 47	1 12	21 29	1 31	5 0	0 45	5 23	1 18	18 57	3 38	7 49	7 44	19 23	16 27	6 47
T 26	9 5	26 52	5 17	17 21	0 20	14 45	0 53	2 10	3 38	17 48	1 12	21 29	1 31	4 58	0 45	5 23	1 18	18 58	3 38	7 49	7 45	19 26	16 28	6 47
W27	8 42	28 10	5 11	17 8	0 29	14 22	0 55	2 5	3 39	17 48	1 13	21 29	1 31	4 57	0 45	5 24	1 18	18 58	3 38	7 49	7 46	19 28	16 28	6 46
T 28	8 20	28 6	4 51	16 53	0 37	13 59	0 57	2 1	3 39	17 49	1 13	21 29	1 30	4 56	0 45	5 25	1 18	18 59	3 38	7 49	7 47	19 31	16 29	6 46
F 29	7s57	26n35	4n17	16s38	0s45	13s35	0s59	1s56	3n40	17s49	1n13	21n30	1s30	4s54	0s45	5n25	1s18	18n59	3n38	7s49	7s48	19n33	16n29	6s46

Julian Day Number = 2882561.5, Delta T = 01h16m08s
Ecliptic obliquity = 23°17'20, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°16'00, Lahiri = 40°23'01

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ASTRODIENST EPHEMERIS for the year 3180
geocentric

MARCH 3180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 37 39	10♓31'58	28♋58	17♒24	27♒35	13°R22	25♏27	21♊ 9	19♓21	17♈ 0	17°R22	9♓53	9♓51	11♉48	3°R35	S 1
S 2	10 41 36	11°32'38	12♌21	18°45	28°50	13♎10	25°29	21°10	19°24	17° 2	17♌21	9°53	9°48	11°54	3♋34	S 2
M 3	10 45 32	12°33'16	26° 7	20° 8	0♓ 6	12°57	25°30	21°11	19°28	17° 4	17°20	9°53	9°45	12° 1	3°34	M 3
T 4	10 49 29	13°33'53	10♍15	21°31	1°21	12°43	25°32	21°12	19°31	17° 5	17°19	9°R53	9°42	12° 8	3°33	T 4
W 5	10 53 25	14°34'28	24°39	22°56	2°36	12°29	25°33	21°14	19°35	17° 7	17°18	9°53	9°38	12°15	3°33	W 5
T 6	10 57 22	15°35'03	9♎15	24°21	3°51	12°14	25°34	21°15	19°38	17° 9	17°17	9°52	9°35	12°21	3°32	T 6
F 7	11 1 19	16°35'35	23°56	25°48	5° 6	11°58	25°35	21°17	19°42	17°11	17°15	9°52	9°32	12°28	3°32	F 7
S 8	11 5 15	17°36'07	8♏36	27°16	6°21	11°42	25°35	21°18	19°45	17°13	17°14	9°51	9°29	12°35	3°32	S 8
S 9	11 9 12	18°36'38	23° 7	28°45	7°36	11°24	25°36	21°20	19°49	17°16	17°13	9°50	9°26	12°41	3°32	S 9
M10	11 13 8	19°37'08	7♐27	0♓15	8°51	11° 7	25°36	21°22	19°52	17°18	17°12	9°49	9°23	12°48	3°D32	M10
T 11	11 17 5	20°37'36	21°33	1°46	10° 6	10°48	25°R36	21°24	19°56	17°20	17°11	9°D49	9°19	12°55	3°32	T 11
W12	11 21 1	21°38'03	5♑22	3°17	11°21	10°29	25°36	21°26	19°59	17°22	17°10	9°50	9°16	13° 1	3°32	W12
T 13	11 24 58	22°38'29	18°54	4°50	12°36	10° 9	25°36	21°28	20° 2	17°24	17° 9	9°50	9°13	13° 8	3°32	T 13
F 14	11 28 54	23°38'54	2♒11	6°24	13°51	9°49	25°35	21°31	20° 6	17°26	17° 8	9°52	9°10	13°15	3°32	F 14
S 15	11 32 51	24°39'17	15°14	7°59	15° 6	9°28	25°35	21°33	20° 9	17°28	17° 7	9°53	9° 7	13°22	3°33	S 15
S 16	11 36 48	25°39'39	28° 3	9°35	16°22	9° 7	25°34	21°35	20°13	17°30	17° 6	9°54	9° 4	13°28	3°33	S 16
M17	11 40 44	26°40'00	10♓39	11°11	17°37	8°46	25°33	21°38	20°16	17°32	17° 5	9°R54	9° 0	13°35	3°33	M17
T 18	11 44 41	27°40'18	23° 5	12°49	18°52	8°24	25°31	21°41	20°20	17°35	17° 4	9°54	8°57	13°42	3°34	T 18
W19	11 48 37	28°40'35	5♈20	14°28	20° 7	8° 1	25°30	21°44	20°23	17°37	17° 3	9°52	8°54	13°48	3°35	W19
T 20	11 52 34	29°40'51	17°26	16° 8	21°22	7°38	25°28	21°47	20°27	17°39	17° 2	9°49	8°51	13°55	3°35	T 20
F 21	11 56 30	0♈41'04	29°26	17°49	22°37	7°15	25°26	21°50	20°30	17°41	17° 1	9°46	8°48	14° 2	3°36	F 21
S 22	12 0 27	1°41'16	11♉20	19°31	23°52	6°52	25°24	21°53	20°33	17°43	17° 0	9°42	8°44	14° 9	3°37	S 22
S 23	12 4 23	2°41'26	23°11	21°14	25° 7	6°29	25°22	21°56	20°37	17°45	16°59	9°39	8°41	14°15	3°38	S 23
M24	12 8 20	3°41'34	5♊ 2	22°58	26°21	6° 5	25°20	21°59	20°40	17°48	16°58	9°35	8°38	14°22	3°39	M24
T 25	12 12 16	4°41'40	16°58	24°43	27°36	5°42	25°17	22° 3	20°44	17°50	16°57	9°33	8°35	14°29	3°40	T 25
W26	12 16 13	5°41'44	29° 2	26°29	28°51	5°18	25°14	22° 6	20°47	17°52	16°57	9°32	8°32	14°35	3°41	W26
T 27	12 20 10	6°41'47	11♋18	28°16	0♈ 6	4°54	25°11	22°10	20°50	17°54	16°56	9°D31	8°29	14°42	3°42	T 27
F 28	12 24 6	7°41'46	23°52	0♈ 5	1°21	4°30	25° 8	22°14	20°54	17°57	16°55	9°32	8°25	14°49	3°44	F 28
S 29	12 28 3	8°41'44	6♌48	1°54	2°36	4° 7	25° 5	22°17	20°57	17°59	16°54	9°34	8°22	14°56	3°45	S 29
S 30	12 31 59	9°41'40	20° 9	3°45	3°51	3°43	25° 2	22°21	21° 0	18° 1	16°53	9°36	8°19	15° 2	3°47	S 30
M31	12 35 56	10♈41'34	3♍56	5♈37	5♈ 6	3♎20	24♏58	22♊25	21♓ 4	18♈ 3	16♌53	9°R37	8♓16	15♉ 9	3♋48	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s34	23n38	3n28	16s21	0s52	13s11	1s 1	1s51	3n41	17s49	1n13	21n30	1s30	4s53	0s45	5n26	1s18	18n59	3n38	7s49	7s50	19n36	16n29	6s45
S 2	7 11	19 20	2 27	16 3	1 0	12 47	1 2	1 45	3 42	17 50	1 13	21 30	1 30	4 52	0 45	5 27	1 18	19 0	3 38	7 49	7 51	19 38	16 30	6 45
M 3	6 48	13 55	1 16	15 44	1 6	12 22	1 4	1 40	3 43	17 50	1 13	21 31	1 30	4 50	0 45	5 28	1 18	19 0	3 38	7 49	7 52	19 41	16 30	6 44
T 4	6 25	7 39	0s 2	15 24	1 13	11 57	1 6	1 34	3 43	17 50	1 14	21 31	1 29	4 49	0 45	5 28	1 18	19 1	3 38	7 49	7 53	19 43	16 31	6 44
W 5	6 2	0 52	1 21	15 2	1 19	11 32	1 7	1 28	3 44	17 50	1 14	21 31	1 29	4 47	0 45	5 29	1 18	19 1	3 38	7 49	7 54	19 46	16 31	6 43
T 6	5 39	6s 2	2 36	14 40	1 25	11 6	1 9	1 21	3 44	17 50	1 14	21 32	1 29	4 46	0 45	5 30	1 18	19 1	3 38	7 49	7 56	19 48	16 32	6 43
F 7	5 16	12 39	3 41	14 16	1 31	10 40	1 10	1 15	3 45	17 50	1 14	21 32	1 29	4 45	0 45	5 31	1 18	19 2	3 38	7 49	7 57	19 51	16 32	6 43
S 8	4 52	18 33	4 31	13 51	1 36	10 14	1 12	1 8	3 45	17 50	1 14	21 32	1 28	4 43	0 45	5 32	1 18	19 2	3 38	7 50	7 58	19 53	16 33	6 42
S 9	4 29	23 20	5 3	13 25	1 41	9 48	1 13	1 1	3 46	17 50	1 15	21 33	1 28	4 42	0 45	5 32	1 18	19 2	3 38	7 50	7 59	19 56	16 33	6 42
M10	4 5	26 37	5 16	12 58	1 46	9 21	1 14	0 54	3 46	17 50	1 15	21 33	1 28	4 41	0 45	5 33	1 18	19 3	3 38	7 50	8 0	19 58	16 33	6 41
T 11	3 42	28 11	5 10	12 30	1 50	8 54	1 16	0 47	3 46	17 50	1 15	21 33	1 28	4 39	0 45	5 34	1 18	19 3	3 38	7 50	8 1	20 1	16 34	6 41
W12	3 18	27 57	4 46	12 1	1 54	8 27	1 17	0 39	3 46	17 49	1 15	21 34	1 27	4 38	0 45	5 35	1 18	19 4	3 38	7 50	8 3	20 3	16 34	6 40
T 13	2 54	26 2	4 6	11 30	1 58	7 59	1 18	0 31	3 46	17 49	1 15	21 34	1 27	4 37	0 45	5 36	1 18	19 4	3 38	7 50	8 4	20 5	16 35	6 40
F 14	2 30	22 42	3 14	10 59	2 1	7 32	1 19	0 24	3 46	17 49	1 15	21 34	1 27	4 35	0 45	5 36	1 18	19 4	3 38	7 49	8 5	20 8	16 35	6 40
S 15	2 7	18 17	2 12	10 26	2 4	7 4	1 20	0 16	3 46	17 49	1 16	21 35	1 27	4 34	0 45	5 37	1 18	19 5	3 38	7 49	8 6	20 10	16 36	6 39
S 16	1 43	13 6	1 5	9 53	2 6	6 35	1 21	0 8	3 46	17 48	1 16	21 35	1 26	4 33	0 45	5 38	1 18	19 5	3 38	7 49	8 7	20 13	16 36	6 39
M17	1 19	7 28	0n 4	9 18	2 8	6 7	1 22	0n 1	3 46	17 48	1 16	21 36	1 26	4 31	0 45	5 39	1 18	19 5	3 38	7 49	8 9	20 15	16 36	6 38
T 18	0 55	1 38	1 12	8 43	2 10	5 39	1 22	0 9	3 45	17 47	1 16	21 36	1 26	4 30	0 45	5 40	1 17	19 5	3 38	7 49	8 10	20 17	16 37	6 38
W19	0 31	4n11	2 16	8 6	2 11	5 10	1 23	0 17	3 45	17 47	1 16	21 36	1 26	4 29	0 45	5 41	1 17	19 6	3 38	7 49	8 11	20 20	16 37	6 37
T 20	0 8	9 46	3 12	7 28	2 12	4 41	1 24	0 25	3 44	17 46	1 16	21 37	1 25	4 27	0 45	5 41	1 17	19 6	3 38	7 50	8 12	20 22	16 38	6 37
F 21	0n16	14 56	4 0	6 50	2 13	4 13	1 24	0 34	3 44	17 46	1 17	21 37	1 25	4 26	0 45	5 42	1 17	19 6	3 38	7 51	8 13	20 25	16 38	6 36
S 22	0 40	19 31	4 36	6 10	2 13	3 44	1 25	0 42	3 43	17 45	1 17	21 38	1 25	4 25	0 45	5 43	1 17	19 7	3 38	7 53	8 15	20 27	16 39	6 36
S 23	1 4	23 18	5 1	5 29	2 12	3 14	1 25	0 51	3 42	17 44	1 17	21 38	1 25	4 23	0 45	5 44	1 17	19 7	3 38	7 54	8 16	20 29	16 39	6 35
M24	1 28	26 8	5 13	4 48	2 11	2 45	1 26	0 59	3 41	17 44	1 17	21 39	1 25	4 22	0 45	5 45	1 17	19 7	3 38	7 56	8 17	20 32	16 39	6 35
T 25	1 51	27 49	5 11	4 5	2 10	2 16	1 26	1 7	3 40	17 43	1 17	21 39	1 24	4 21	0 45	5 46	1 17	19 7	3 38	7 56	8 18	20 34	16 40	6 35
W26	2 15	28 13	4 56	3 21	2 8	1 47	1 26	1 16	3 39	17 42	1 17	21 39	1 24	4 19	0 45	5 46	1 17	19 8	3 38	7 57	8 19	20 36	16 40	6 34
T 27	2 39	27 15	4 27	2 37	2 6	1 17	1 27	1 24	3 38	17 41	1 18	21 40	1 24	4 18	0 45	5 47	1 17	19 8	3 38	7 57	8 20	20 39	16 41	6 34
F 28	3 2	24 53	3 45	1 52	2 4	0 48	1 27	1 32	3 36	17 40	1 18	21 40	1 24	4 17	0 45	5 48	1 17	19 8	3 38	7 57	8 22	20 41	16 41	6 33
S 29	3 26	21 12	2 50	1 5	2 0	0 18	1 27	1 40	3 35	17 39	1 18	21 41	1 23	4 15	0 45	5 49	1 17	19 8	3 38	7 56	8 23	20 43	16 41	6 33
S 30	3 49	16 20	1 45	0 18	1 57	0n11	1 27	1 48	3 34	17 38	1 18	21 41	1 23	4 14	0 45	5 50	1 17	19 9	3 38	7 55	8 24	20 46	16 42	6 32
M31	4n12	10n29	0n31	0n30	1s53	0n41	1s27	1n56	3n32	17s37	1n18	21n42	1s23	4s13	0s45	5n51	1s17	19n 9	3n38	7s55	8s25	20n48	16n42	6s32

Julian Day Number = 2882590.5, Delta T = 01h16m08s
Ecliptic obliquity = 23°17'21, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°16'04, Lahiri = 40°23'05

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ASTRODIENST EPHEMERIS for the year 3180
geocentric

APRIL 3180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 39 52	11♈41'25	18♍11	7♈30	6♈21	2°R57	24°R54	22♊29	21♓ 7	18♈ 6	16°R52	9°R36	8♓13	15♉16	3♋50	T 1
W 2	12 43 49	12°41'14	2♎49	9°24	7°35	2♎34	24♏50	22°33	21°10	18° 8	16♑51	9♓35	8°10	15°22	3°51	W 2
T 3	12 47 45	13°41'02	17°46	11°19	8°50	2°11	24°46	22°38	21°14	18°10	16°51	9°31	8° 6	15°29	3°53	T 3
F 4	12 51 42	14°40'48	2♏52	13°15	10° 5	1°49	24°42	22°42	21°17	18°12	16°50	9°27	8° 3	15°36	3°55	F 4
S 5	12 55 39	15°40'32	17°58	15°12	11°20	1°27	24°37	22°46	21°20	18°15	16°49	9°21	8° 0	15°43	3°57	S 5
S 6	12 59 35	16°40'14	2♐54	17°11	12°35	1° 6	24°33	22°51	21°23	18°17	16°49	9°16	7°57	15°49	3°59	S 6
M 7	13 3 32	17°39'54	17°33	19°10	13°49	0°45	24°28	22°56	21°27	18°19	16°48	9°12	7°54	15°56	4° 1	M 7
T 8	13 7 28	18°39'34	1♑50	21° 9	15° 4	0°24	24°23	23° 0	21°30	18°22	16°48	9° 9	7°50	16° 3	4° 3	T 8
W 9	13 11 25	19°39'11	15°42	23°10	16°19	0° 4	24°18	23° 5	21°33	18°24	16°47	9°D 7	7°47	16° 9	4° 5	W 9
T 10	13 15 21	20°38'47	29°11	25°11	17°34	29♍45	24°13	23°10	21°36	18°26	16°47	9° 7	7°44	16°16	4° 7	T 10
F 11	13 19 18	21°38'21	12♒17	27°12	18°48	29°26	24° 8	23°15	21°39	18°28	16°46	9° 9	7°41	16°23	4°10	F 11
S 12	13 23 14	22°37'53	25° 5	29°14	20° 3	29° 7	24° 2	23°20	21°42	18°31	16°46	9°10	7°38	16°30	4°12	S 12
S 13	13 27 11	23°37'23	7♓37	1♉15	21°18	28°50	23°56	23°25	21°45	18°33	16°45	9°R11	7°35	16°36	4°15	S 13
M14	13 31 8	24°36'52	19°57	3°16	22°32	28°33	23°51	23°30	21°48	18°35	16°45	9°10	7°31	16°43	4°17	M14
T 15	13 35 4	25°36'19	2♈ 8	5°16	23°47	28°16	23°45	23°35	21°51	18°37	16°45	9° 8	7°28	16°50	4°20	T 15
W16	13 39 1	26°35'44	14°11	7°15	25° 2	28° 0	23°39	23°41	21°54	18°40	16°44	9° 3	7°25	16°56	4°22	W16
T 17	13 42 57	27°35'07	26° 9	9°13	26°16	27°45	23°33	23°46	21°57	18°42	16°44	8°55	7°22	17° 3	4°25	T 17
F 18	13 46 54	28°34'28	8♉ 3	11° 9	27°31	27°31	23°26	23°51	22° 0	18°44	16°44	8°47	7°19	17°10	4°28	F 18
S 19	13 50 50	29°33'47	19°55	13° 2	28°45	27°17	23°20	23°57	22° 3	18°47	16°44	8°36	7°15	17°16	4°31	S 19
S 20	13 54 47	0♉33'04	1♊46	14°54	29°59	27° 5	23°13	24° 3	22° 6	18°49	16°43	8°26	7°12	17°23	4°33	S 20
M21	13 58 43	1°32'20	13°39	16°42	1♉15	26°53	23° 7	24° 8	22° 9	18°51	16°43	8°17	7° 9	17°30	4°36	M21
T 22	14 2 40	2°31'32	25°36	18°27	2°29	26°41	23° 0	24°14	22°12	18°53	16°43	8° 9	7° 6	17°37	4°39	T 22
W23	14 6 37	3°30'43	7♋40	20° 8	3°44	26°31	22°53	24°20	22°15	18°55	16°43	8° 3	7° 3	17°43	4°43	W23
T 24	14 10 33	4°29'52	19°54	21°45	4°58	26°21	22°46	24°26	22°17	18°58	16°43	8° 0	7° 0	17°50	4°46	T 24
F 25	14 14 30	5°28'58	2♌24	23°18	6°13	26°12	22°39	24°32	22°20	19° 0	16°42	7°D59	6°56	17°57	4°49	F 25
S 26	14 18 26	6°28'02	15°13	24°46	7°27	26° 4	22°32	24°38	22°23	19° 2	16°42	7°59	6°53	18° 4	4°52	S 26
S 27	14 22 23	7°27'04	28°26	26° 9	8°41	25°57	22°25	24°44	22°26	19° 4	16°42	8° 0	6°50	18°10	4°55	S 27
M28	14 26 19	8°26'03	12♍ 7	27°27	9°56	25°50	22°18	24°50	22°28	19° 6	16°42	8°R 0	6°47	18°17	4°59	M28
T 29	14 30 16	9°25'00	26°16	28°39	11°10	25°45	22°11	24°56	22°31	19° 9	16°D42	7°59	6°44	18°24	5° 2	T 29
W30	14 34 12	10♉23'55	10♎52	29♉46	12♉25	25♍40	22♏ 3	25♊ 2	22♓33	19♈11	16♌42	7♓55	6♓41	18♉30	5♋ 6	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n36	3n56	0s47	1n18	1s48	1n10	1s27	2n 3	3n30	17s36	1n18	21n42	1s23	4s12	0s45	5n52	1s17	19n 9	3n38	7s55	8s26	20n50	16n43	6s32
W 2	4 59	3s 0	2 3	2 8	1 43	1 40	1 27	2 11	3 29	17 35	1 18	21 42	1 23	4 10	0 45	5 52	1 17	19 9	3 38	7 56	8 28	20 53	16 43	6 31
T 3	5 22	9 54	3 13	2 58	1 37	2 9	1 26	2 18	3 27	17 34	1 19	21 43	1 22	4 9	0 45	5 53	1 17	19 9	3 38	7 57	8 29	20 55	16 43	6 31
F 4	5 45	16 18	4 10	3 48	1 31	2 39	1 26	2 25	3 25	17 33	1 19	21 43	1 22	4 8	0 45	5 54	1 17	19 10	3 38	7 59	8 30	20 57	16 44	6 30
S 5	6 8	21 42	4 49	4 40	1 24	3 8	1 26	2 32	3 23	17 32	1 19	21 44	1 22	4 6	0 45	5 55	1 17	19 10	3 38	8 1	8 31	21 0	16 44	6 30
S 6	6 31	25 39	5 9	5 31	1 17	3 38	1 25	2 39	3 21	17 31	1 19	21 44	1 22	4 5	0 45	5 56	1 17	19 10	3 38	8 3	8 32	21 2	16 45	6 29
M 7	6 53	27 49	5 7	6 23	1 9	4 7	1 25	2 45	3 19	17 29	1 19	21 45	1 22	4 4	0 45	5 57	1 17	19 10	3 38	8 4	8 33	21 4	16 45	6 29
T 8	7 16	28 3	4 47	7 16	1 1	4 36	1 24	2 51	3 17	17 28	1 19	21 45	1 21	4 3	0 45	5 58	1 17	19 10	3 38	8 6	8 35	21 7	16 45	6 29
W 9	7 38	26 30	4 10	8 9	0 52	5 5	1 24	2 57	3 15	17 27	1 19	21 46	1 21	4 2	0 45	5 58	1 17	19 10	3 38	8 6	8 36	21 9	16 46	6 28
T 10	8 1	23 27	3 20	9 1	0 43	5 34	1 23	3 3	3 13	17 25	1 19	21 46	1 21	4 0	0 45	5 59	1 17	19 10	3 38	8 6	8 37	21 11	16 46	6 28
F 11	8 23	19 15	2 21	9 54	0 33	6 3	1 22	3 8	3 10	17 24	1 19	21 46	1 21	3 59	0 45	6 0	1 17	19 11	3 38	8 5	8 38	21 13	16 46	6 27
S 12	8 45	14 16	1 16	10 46	0 23	6 32	1 22	3 14	3 8	17 23	1 20	21 47	1 21	3 58	0 45	6 1	1 17	19 11	3 38	8 5	8 39	21 16	16 47	6 27
S 13	9 7	8 47	0 8	11 38	0 12	7 0	1 21	3 19	3 6	17 21	1 20	21 47	1 20	3 57	0 45	6 2	1 17	19 11	3 38	8 5	8 40	21 18	16 47	6 27
M14	9 29	3 4	0n58	12 30	0 2	7 29	1 20	3 23	3 3	17 20	1 20	21 48	1 20	3 56	0 45	6 3	1 18	19 11	3 38	8 5	8 42	21 20	16 47	6 26
T 15	9 50	2n41	2 1	13 21	0n10	7 57	1 19	3 27	3 1	17 18	1 20	21 48	1 20	3 54	0 45	6 3	1 18	19 11	3 38	8 6	8 43	21 22	16 48	6 26
W16	10 12	8 17	2 57	14 10	0 21	8 25	1 18	3 31	2 59	17 17	1 20	21 49	1 20	3 53	0 45	6 4	1 18	19 11	3 38	8 8	8 44	21 25	16 48	6 25
T 17	10 33	13 32	3 45	14 59	0 32	8 53	1 17	3 35	2 56	17 15	1 20	21 49	1 20	3 52	0 45	6 5	1 18	19 11	3 38	8 10	8 45	21 27	16 48	6 25
F 18	10 54	18 15	4 23	15 46	0 44	9 21	1 15	3 38	2 54	17 13	1 20	21 50	1 19	3 51	0 45	6 6	1 18	19 11	3 38	8 14	8 46	21 29	16 48	6 25
S 19	11 15	22 15	4 50	16 32	0 56	9 48	1 14	3 41	2 51	17 12	1 20	21 50	1 19	3 50	0 45	6 7	1 18	19 11	3 38	8 17	8 48	21 31	16 49	6 24
S 20	11 36	25 20	5 3	17 16	1 7	10 16	1 13	3 44	2 49	17 10	1 20	21 50	1 19	3 49	0 45	6 8	1 18	19 11	3 38	8 21	8 49	21 34	16 49	6 24
M21	11 56	27 20	5 4	17 58	1 18	10 43	1 12	3 47	2 46	17 8	1 20	21 51	1 19	3 48	0 46	6 8	1 18	19 11	3 38	8 25	8 50	21 36	16 49	6 23
T 22	12 16	28 4	4 52	18 38	1 29	11 9	1 10	3 49	2 44	17 7	1 20	21 51	1 19	3 46	0 46	6 9	1 18	19 11	3 38	8 28	8 51	21 38	16 50	6 23
W23	12 37	27 30	4 26	19 16	1 40	11 36	1 9	3 50	2 41	17 5	1 20	21 52	1 18	3 45	0 46	6 10	1 18	19 11	3 38	8 30	8 52	21 40	16 50	6 23
T 24	12 56	25 35	3 48	19 52	1 50	12 2	1 7	3 52	2 38	17 3	1 20	21 52	1 18	3 44	0 46	6 11	1 18	19 11	3 38	8 31	8 53	21 42	16 50	6 22
F 25	13 16	22 24	2 58	20 25	2 0	12 28	1 6	3 53	2 36	17 1	1 20	21 53	1 18	3 43	0 46	6 12	1 18	19 11	3 38	8 31	8 55	21 45	16 50	6 22
S 26	13 35	18 4	1 59	20 56	2 9	12 54	1 4	3 54	2 33	17 0	1 21	21 53	1 18	3 42	0 46	6 13	1 18	19 11	3 38	8 31	8 56	21 47	16 51	6 22
S 27	13 55	12 44	0 51	21 24	2 17	13 19	1 3	3 54	2 31	16 58	1 21	21 53	1 18	3 41	0 46	6 13	1 18	19 11	3 38	8 31	8 57	21 49	16 51	6 21
M28	14 14	6 38	0s22	21 49	2 25	13 44	1 1	3 55	2 28	16 56	1 21	21 54	1 18	3 40	0 46	6 14	1 18	19 11	3 38	8 31	8 58	21 51	16 51	6 21
T 29	14 32	0 1	1 36	22 12	2 32	14 9	0 59	3 55	2 25	16 54	1 21	21 54	1 17	3 39	0 46	6 15	1 18	19 11	3 38	8 32	8 59	21 53	16 51	6 21
W30	14n51	6s49	2s46	22n33	2n38	14n33	0s58	3n54	2n23	16s52	1n21	21n55	1s17	3s38	0s46	6n16	1s18	19n11	3n38	8s33	9s 0	21n55	16n51	6s20

Julian Day Number = 2882621.5, Delta T = 01h16m09s
Ecliptic obliquity = 23°17'21, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°16'09, Lahiri = 40°23'09

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ASTRODIENST EPHEMERIS for the year 3180
geocentric

MAY 3180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 38 9	11♉22'48	25♎52	0♊47	13♉39	25°R36	21°R56	25♊ 9	22♓36	19♈13	16♌42	7°R49	6♓37	18♉37	5♋ 9	T 1
F 2	14 42 6	12°21'39	11♏ 8	1°42	14°53	25♍32	21♏49	25°15	22°39	19°15	16°42	7♓41	6°34	18°44	5°13	F 2
S 3	14 46 2	13°20'28	26°28	2°31	16° 8	25°29	21°41	25°21	22°41	19°17	16°43	7°31	6°31	18°51	5°17	S 3
S 4	14 49 59	14°19'15	11♐42	3°15	17°22	25°28	21°34	25°28	22°44	19°19	16°43	7°21	6°28	18°57	5°20	S 4
M 5	14 53 55	15°18'01	26°38	3°52	18°36	25°26	21°26	25°34	22°46	19°21	16°43	7°13	6°25	19° 4	5°24	M 5
T 6	14 57 52	16°16'45	11♑10	4°23	19°50	25°D26	21°18	25°41	22°48	19°24	16°43	7° 6	6°21	19°11	5°28	T 6
W 7	15 1 48	17°15'27	25°13	4°47	21° 5	25°26	21°11	25°47	22°51	19°26	16°43	7° 2	6°18	19°17	5°32	W 7
T 8	15 5 45	18°14'07	8♒47	5° 6	22°19	25°27	21° 3	25°54	22°53	19°28	16°43	7° 0	6°15	19°24	5°36	T 8
F 9	15 9 41	19°12'46	21°54	5°19	23°33	25°29	20°56	26° 1	22°55	19°30	16°44	7°D 0	6°12	19°31	5°39	F 9
S 10	15 13 38	20°11'23	4♓38	5°25	24°47	25°32	20°48	26° 8	22°58	19°32	16°44	7°R 0	6° 9	19°38	5°43	S 10
S 11	15 17 35	21° 9'59	17° 4	5°R26	26° 2	25°35	20°40	26°14	23° 0	19°34	16°44	7° 0	6° 6	19°44	5°47	S 11
M12	15 21 31	22° 8'33	29°15	5°21	27°16	25°39	20°32	26°21	23° 2	19°36	16°45	6°58	6° 2	19°51	5°52	M12
T 13	15 25 28	23° 7'05	11♈17	5°10	28°30	25°43	20°25	26°28	23° 4	19°38	16°45	6°53	5°59	19°58	5°56	T 13
W14	15 29 24	24° 5'36	23°13	4°55	29°44	25°48	20°17	26°35	23° 6	19°40	16°45	6°46	5°56	20° 4	6° 0	W14
T 15	15 33 21	25° 4'05	5♉ 5	4°34	0♊58	25°54	20° 9	26°42	23° 8	19°42	16°46	6°36	5°53	20°11	6° 4	T 15
F 16	15 37 17	26° 2'32	16°56	4°10	2°12	26° 1	20° 2	26°49	23°10	19°44	16°46	6°23	5°50	20°18	6° 8	F 16
S 17	15 41 14	27° 0'58	28°48	3°41	3°26	26° 8	19°54	26°56	23°12	19°45	16°47	6° 9	5°47	20°25	6°13	S 17
S 18	15 45 10	27°59'22	10♊42	3°10	4°41	26°16	19°47	27° 3	23°14	19°47	16°47	5°55	5°43	20°31	6°17	S 18
M19	15 49 7	28°57'44	22°39	2°36	5°55	26°24	19°39	27°11	23°16	19°49	16°48	5°42	5°40	20°38	6°21	M19
T 20	15 53 4	29°56'04	4♋41	1°59	7° 9	26°33	19°32	27°18	23°18	19°51	16°48	5°30	5°37	20°45	6°26	T 20
W21	15 57 0	0♊54'23	16°50	1°22	8°23	26°43	19°24	27°25	23°20	19°53	16°49	5°22	5°34	20°51	6°30	W21
T 22	16 0 57	1°52'39	29° 9	0°44	9°37	26°53	19°17	27°32	23°21	19°55	16°49	5°16	5°31	20°58	6°35	T 22
F 23	16 4 53	2°50'53	11♌40	0° 6	10°51	27° 4	19°10	27°39	23°23	19°57	16°50	5°13	5°27	21° 5	6°39	F 23
S 24	16 8 50	3°49'06	24°28	29♉28	12° 5	27°15	19° 2	27°47	23°25	19°58	16°50	5°12	5°24	21°12	6°44	S 24
S 25	16 12 46	4°47'17	7♍36	28°52	13°19	27°27	18°55	27°54	23°26	20° 0	16°51	5°12	5°21	21°18	6°48	S 25
M26	16 16 43	5°45'25	21° 8	28°18	14°32	27°40	18°48	28° 2	23°28	20° 2	16°52	5°11	5°18	21°25	6°53	M26
T 27	16 20 39	6°43'32	5♎ 6	27°47	15°46	27°53	18°41	28° 9	23°29	20° 3	16°52	5° 9	5°15	21°32	6°58	T 27
W28	16 24 36	7°41'36	19°32	27°18	17° 0	28° 6	18°34	28°16	23°31	20° 5	16°53	5° 5	5°12	21°38	7° 2	W28
T 29	16 28 33	8°39'39	4♏21	26°53	18°14	28°20	18°27	28°24	23°32	20° 7	16°54	4°59	5° 8	21°45	7° 7	T 29
F 30	16 32 29	9°37'41	19°29	26°32	19°28	28°35	18°20	28°31	23°34	20° 8	16°55	4°50	5° 5	21°52	7°12	F 30
S 31	16 36 26	10♊35'40	4♐45	26♉15	20♊42	28♍50	18♏14	28♊39	23♓35	20♈10	16♌55	4♓39	5♓ 2	21♉59	7♋17	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 9	13s27	3s46	22n50	2n43	14n57	0s56	3n53	2n20	16s50	1n21	21n55	1s17	3s37	0s46	6n17	1s18	19n11	3n38	8s35	9s 2	21n58	16n52	6s20
F 2	15 27	19 22	4 31	23 6	2 47	15 20	0 54	3 52	2 18	16 48	1 21	21 55	1 17	3 36	0 46	6 17	1 18	19 11	3 38	8 38	9 3	22 0	16 52	6 20
S 3	15 45	24 3	4 57	23 18	2 49	15 44	0 52	3 51	2 15	16 46	1 21	21 56	1 17	3 35	0 46	6 18	1 18	19 11	3 38	8 42	9 4	22 2	16 52	6 19
S 4	16 2	27 2	5 2	23 28	2 51	16 6	0 50	3 50	2 13	16 45	1 21	21 56	1 17	3 34	0 46	6 19	1 18	19 11	3 38	8 45	9 5	22 4	16 52	6 19
M 5	16 19	28 0	4 46	23 36	2 52	16 29	0 48	3 48	2 10	16 43	1 21	21 56	1 16	3 33	0 46	6 20	1 18	19 11	3 38	8 49	9 6	22 6	16 52	6 19
T 6	16 36	27 0	4 11	23 41	2 51	16 51	0 46	3 46	2 8	16 41	1 21	21 57	1 16	3 32	0 46	6 20	1 18	19 11	3 37	8 51	9 7	22 8	16 52	6 18
W 7	16 53	24 17	3 23	23 44	2 49	17 12	0 44	3 43	2 5	16 39	1 20	21 57	1 16	3 32	0 46	6 21	1 18	19 11	3 37	8 52	9 9	22 10	16 53	6 18
T 8	17 9	20 16	2 24	23 44	2 46	17 33	0 42	3 41	2 3	16 37	1 20	21 58	1 16	3 31	0 46	6 22	1 18	19 11	3 37	8 53	9 10	22 12	16 53	6 18
F 9	17 25	15 22	1 19	23 41	2 41	17 54	0 40	3 38	2 0	16 35	1 20	21 58	1 16	3 30	0 46	6 23	1 18	19 11	3 37	8 53	9 11	22 15	16 53	6 18
S 10	17 41	9 57	0 13	23 37	2 35	18 14	0 38	3 35	1 58	16 33	1 20	21 58	1 16	3 29	0 46	6 23	1 18	19 11	3 37	8 53	9 12	22 17	16 53	6 17
S 11	17 56	4 16	0n53	23 30	2 28	18 34	0 36	3 31	1 56	16 31	1 20	21 59	1 16	3 28	0 46	6 24	1 18	19 11	3 37	8 53	9 13	22 19	16 53	6 17
M12	18 11	1n28	1 55	23 20	2 19	18 53	0 34	3 27	1 53	16 29	1 20	21 59	1 15	3 27	0 46	6 25	1 18	19 10	3 37	8 54	9 14	22 21	16 53	6 17
T 13	18 26	7 4	2 51	23 9	2 9	19 11	0 31	3 23	1 51	16 27	1 20	21 59	1 15	3 27	0 46	6 26	1 18	19 10	3 37	8 56	9 16	22 23	16 53	6 16
W14	18 41	12 21	3 38	22 55	1 58	19 30	0 29	3 19	1 49	16 25	1 20	22 0	1 15	3 26	0 46	6 26	1 18	19 10	3 37	8 58	9 17	22 25	16 53	6 16
T 15	18 55	17 9	4 16	22 39	1 46	19 47	0 27	3 15	1 46	16 23	1 20	22 0	1 15	3 25	0 46	6 27	1 18	19 10	3 37	9 2	9 18	22 27	16 53	6 16
F 16	19 9	21 18	4 43	22 21	1 32	20 4	0 25	3 10	1 44	16 21	1 20	22 0	1 15	3 24	0 46	6 28	1 18	19 10	3 37	9 7	9 19	22 29	16 53	6 16
S 17	19 22	24 36	4 57	22 2	1 18	20 21	0 22	3 5	1 42	16 19	1 20	22 1	1 15	3 23	0 46	6 28	1 18	19 10	3 37	9 12	9 20	22 31	16 54	6 15
S 18	19 35	26 50	4 59	21 40	1 2	20 37	0 20	3 0	1 40	16 17	1 20	22 1	1 15	3 23	0 46	6 29	1 18	19 9	3 37	9 17	9 21	22 33	16 54	6 15
M19	19 48	27 52	4 47	21 18	0 46	20 52	0 18	2 55	1 37	16 15	1 20	22 1	1 14	3 22	0 46	6 30	1 18	19 9	3 37	9 22	9 22	22 35	16 54	6 15
T 20	20 1	27 34	4 22	20 54	0 29	21 7	0 15	2 49	1 35	16 14	1 20	22 1	1 14	3 21	0 46	6 30	1 18	19 9	3 37	9 26	9 24	22 37	16 54	6 15
W21	20 13	25 58	3 46	20 30	0 12	21 21	0 13	2 43	1 33	16 12	1 20	22 2	1 14	3 21	0 46	6 31	1 18	19 9	3 37	9 29	9 25	22 39	16 54	6 15
T 22	20 24	23 6	2 58	20 5	0s 6	21 35	0 10	2 37	1 31	16 10	1 19	22 2	1 14	3 20	0 46	6 32	1 18	19 9	3 37	9 31	9 26	22 41	16 54	6 14
F 23	20 36	19 7	2 1	19 40	0 23	21 48	0 8	2 31	1 29	16 8	1 19	22 2	1 14	3 19	0 46	6 32	1 18	19 9	3 37	9 32	9 27	22 43	16 54	6 14
S 24	20 47	14 10	0 56	19 15	0 41	22 0	0 6	2 25	1 27	16 6	1 19	22 2	1 14	3 19	0 47	6 33	1 18	19 8	3 37	9 33	9 28	22 45	16 54	6 14
S 25	20 58	8 28	0s13	18 50	0 58	22 12	0 3	2 18	1 25	16 4	1 19	22 3	1 14	3 18	0 47	6 34	1 18	19 8	3 37	9 33	9 29	22 47	16 54	6 14
M26	21 8	2 13	1 23	18 26	1 15	22 23	0 1	2 11	1 23	16 2	1 19	22 3	1 14	3 18	0 47	6 34	1 19	19 8	3 37	9 33	9 31	22 49	16 54	6 14
T 27	21 18	4s20	2 31	18 3	1 32	22 34	0n 2	2 4	1 21	16 1	1 19	22 3	1 13	3 17	0 47	6 35	1 19	19 8	3 37	9 34	9 32	22 51	16 53	6 13
W28	21 27	10 51	3 31	17 42	1 47	22 44	0 4	1 57	1 19	15 59	1 19	22 3	1 13	3 16	0 47	6 35	1 19	19 7	3 37	9 35	9 33	22 53	16 53	6 13
T 29	21 37	16 57	4 19	17 21	2 2	22 53	0 7	1 50	1 17	15 57	1 18	22 4	1 13	3 16	0 47	6 36	1 19	19 7	3 37	9 38	9 34	22 55	16 53	6 13
F 30	21 45	22 8	4 50	17 3	2 16	23 1	0 9	1 42	1 15	15 56	1 18	22 4	1 13	3 15	0 47	6 37	1 19	19 7	3 37	9 41	9 35	22 57	16 53	6 13
S 31	21n54	25s52	5s 0	16n46	2s30	23n 9	0n11	1n34	1n13	15s54	1n18	22n 4	1s13	3s15	0s47	6n37	1s19	19n 7	3n37	9s45	9s36	22n59	16n53	6s13

Julian Day Number = 2882651.5, Delta T = 01h16m10s
Ecliptic obliquity = 23°17'20, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°16'13, Lahiri = 40°23'13

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ASTRODIENST EPHEMERIS for the year 3180
geocentric

JUNE 3180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 40 22	11♊33'39	20♐ 0	26°R 2	21♊56	29♍ 6	18°R 7	28♊46	23♓36	20♈12	16♘56	4°R28	4♓59	22♉ 5	7♋21	S 1
M 2	16 44 19	12°31'35	5♑ 1	25♉53	23° 9	29°22	18♏ 1	28°54	23°38	20°13	16°57	4♓18	4°56	22°12	7°26	M 2
T 3	16 48 15	13°29'31	19°40	25°D49	24°23	29°38	17°54	29° 1	23°39	20°15	16°58	4°10	4°53	22°19	7°31	T 3
W 4	16 52 12	14°27'25	3♒52	25°50	25°37	29°55	17°48	29° 9	23°40	20°16	16°59	4° 5	4°49	22°26	7°36	W 4
T 5	16 56 9	15°25'18	17°34	25°55	26°51	0♎12	17°42	29°17	23°41	20°18	17° 0	4° 3	4°46	22°32	7°41	T 5
F 6	17 0 5	16°23'09	0♓47	26° 4	28° 4	0°30	17°36	29°24	23°42	20°19	17° 1	4°D 2	4°43	22°39	7°46	F 6
S 7	17 4 2	17°21'00	13°34	26°19	29°18	0°48	17°30	29°32	23°43	20°21	17° 2	4°R 2	4°40	22°46	7°51	S 7
S 8	17 7 58	18°18'49	26° 1	26°37	0♋32	1° 7	17°24	29°40	23°44	20°22	17° 3	4° 2	4°37	22°52	7°56	S 8
M 9	17 11 55	19°16'37	8♈11	27° 0	1°46	1°26	17°19	29°47	23°45	20°24	17° 4	4° 0	4°33	22°59	8° 1	M 9
T 10	17 15 51	20°14'24	20°11	27°27	2°59	1°45	17°13	29°55	23°46	20°25	17° 5	3°57	4°30	23° 6	8° 6	T 10
W11	17 19 48	21°12'10	2♉ 4	27°59	4°13	2° 5	17° 8	0♌ 3	23°47	20°26	17° 6	3°50	4°27	23°13	8°11	W11
T 12	17 23 44	22° 9'55	13°55	28°34	5°27	2°25	17° 3	0°10	23°48	20°28	17° 7	3°41	4°24	23°19	8°16	T 12
F 13	17 27 41	23° 7'39	25°46	29°14	6°40	2°46	16°58	0°18	23°49	20°29	17° 8	3°30	4°21	23°26	8°21	F 13
S 14	17 31 38	24° 5'22	7♊40	29°57	7°54	3° 6	16°53	0°26	23°49	20°30	17° 9	3°18	4°18	23°33	8°26	S 14
S 15	17 35 34	25° 3'04	19°38	0♊44	9° 7	3°28	16°48	0°34	23°50	20°31	17°10	3° 5	4°14	23°39	8°31	S 15
M16	17 39 31	26° 0'45	1♋43	1°34	10°21	3°49	16°43	0°41	23°50	20°33	17°11	2°54	4°11	23°46	8°36	M16
T 17	17 43 27	26°58'24	13°55	2°29	11°35	4°11	16°39	0°49	23°51	20°34	17°12	2°43	4° 8	23°53	8°41	T 17
W18	17 47 24	27°56'03	26°16	3°26	12°48	4°34	16°35	0°57	23°52	20°35	17°13	2°36	4° 5	24° 0	8°47	W18
T 19	17 51 20	28°53'40	8♌46	4°27	14° 2	4°56	16°30	1° 5	23°52	20°36	17°14	2°31	4° 2	24° 6	8°52	T 19
F 20	17 55 17	29°51'15	21°27	5°31	15°15	5°19	16°26	1°12	23°52	20°37	17°16	2°28	3°59	24°13	8°57	F 20
S 21	17 59 13	0♋48'50	4♍22	6°38	16°29	5°43	16°23	1°20	23°53	20°38	17°17	2°D28	3°55	24°20	9° 2	S 21
S 22	18 3 10	1°46'23	17°34	7°48	17°42	6° 6	16°19	1°28	23°53	20°39	17°18	2°28	3°52	24°27	9° 7	S 22
M23	18 7 7	2°43'55	1♎ 5	9° 1	18°56	6°30	16°15	1°36	23°53	20°40	17°19	2°R29	3°49	24°33	9°13	M23
T 24	18 11 3	3°41'25	14°56	10°18	20° 9	6°55	16°12	1°44	23°53	20°41	17°21	2°28	3°46	24°40	9°18	T 24
W25	18 15 0	4°38'55	29° 9	11°37	21°23	7°19	16° 9	1°51	23°54	20°42	17°22	2°26	3°43	24°47	9°23	W25
T 26	18 18 56	5°36'23	13♏42	12°59	22°36	7°44	16° 6	1°59	23°54	20°43	17°23	2°21	3°39	24°53	9°28	T 26
F 27	18 22 53	6°33'50	28°31	14°24	23°49	8° 9	16° 3	2° 7	23°54	20°44	17°25	2°15	3°36	25° 0	9°33	F 27
S 28	18 26 49	7°31'16	13♐29	15°52	25° 3	8°35	16° 0	2°15	23°R54	20°45	17°26	2° 7	3°33	25° 7	9°39	S 28
S 29	18 30 46	8°28'41	28°28	17°22	26°16	9° 0	15°58	2°22	23°54	20°45	17°27	1°59	3°30	25°14	9°44	S 29
M30	18 34 42	9♋26'06	13♑18	18♊56	27♋29	9♎26	15♏56	2♋30	23♓54	20♈46	17♘29	1♓52	3♓27	25♉20	9♋49	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22n 2	27s43	4s49	16n31	2s42	23n17	0n14	1n27	1n11	15s52	1n18	22n 4	1s13	3s14	0s47	6n38	1s19	19n 6	3n37	9s49	9s38	23n 1	16n53	6s13	
M 2	22 9	27 30	4 19	16 18	2 53	23 23	0 16	1 19	1 9	15 51	1 18	22 4	1 13	3 14	0 47	6 38	1 19	19 6	3 37	9 52	9 39	23 3	16 53	6 12	
T 3	22 17	25 21	3 31	16 7	3 3	23 29	0 19	1 10	1 7	15 49	1 18	22 4	1 13	3 13	0 47	6 39	1 19	19 6	3 37	9 55	9 40	23 5	16 53	6 12	
W 4	22 23	21 38	2 32	15 59	3 12	23 34	0 21	1 2	1 5	15 47	1 17	22 5	1 13	3 13	0 47	6 39	1 19	19 6	3 37	9 57	9 41	23 7	16 53	6 12	
T 5	22 30	16 50	1 26	15 52	3 20	23 39	0 24	0 54	1 4	15 46	1 17	22 5	1 12	3 13	0 47	6 40	1 19	19 5	3 37	9 58	9 42	23 9	16 53	6 12	
F 6	22 36	11 24	0 17	15 48	3 27	23 42	0 26	0 45	1 2	15 44	1 17	22 5	1 12	3 12	0 47	6 40	1 19	19 5	3 37	9 58	9 43	23 11	16 52	6 12	
S 7	22 41	5 39	0n50	15 45	3 33	23 46	0 28	0 36	1 0	15 43	1 17	22 5	1 12	3 12	0 47	6 41	1 19	19 5	3 37	9 58	9 44	23 13	16 52	6 12	
S 8	22 47	0n10	1 54	15 45	3 38	23 48	0 31	0 27	0 58	15 42	1 17	22 5	1 12	3 12	0 47	6 41	1 19	19 4	3 37	9 58	9 46	23 15	16 52	6 12	
M 9	22 52	5 50	2 50	15 46	3 41	23 50	0 33	0 18	0 57	15 40	1 17	22 5	1 12	3 11	0 47	6 42	1 19	19 4	3 37	9 59	9 47	23 17	16 52	6 12	
T 10	22 56	11 13	3 39	15 49	3 44	23 51	0 35	0 9	0 55	15 39	1 16	22 5	1 12	3 11	0 47	6 42	1 19	19 4	3 37	10 0	9 48	23 19	16 52	6 12	
W11	23 0	16 8	4 17	15 54	3 46	23 51	0 38	0s 0	0 53	15 38	1 16	22 5	1 12	3 11	0 47	6 43	1 19	19 3	3 37	10 2	9 49	23 20	16 51	6 11	
T 12	23 4	20 26	4 44	16 1	3 47	23 51	0 40	0 10	0 52	15 36	1 16	22 6	1 12	3 10	0 47	6 43	1 19	19 3	3 37	10 6	9 50	23 22	16 51	6 11	
F 13	23 7	23 55	4 59	16 9	3 47	23 50	0 42	0 20	0 50	15 35	1 16	22 6	1 12	3 10	0 47	6 44	1 19	19 3	3 37	10 9	9 51	23 24	16 51	6 11	
S 14	23 9	26 23	5 0	16 19	3 47	23 48	0 45	0 29	0 48	15 34	1 16	22 6	1 12	3 10	0 47	6 44	1 19	19 2	3 37	10 14	9 52	23 26	16 51	6 11	
S 15	23 12	27 41	4 49	16 30	3 45	23 45	0 47	0 39	0 47	15 33	1 15	22 6	1 12	3 10	0 47	6 44	1 19	19 2	3 37	10 18	9 54	23 28	16 51	6 11	
M16	23 14	27 41	4 25	16 42	3 43	23 42	0 49	0 49	0 45	15 32	1 15	22 6	1 11	3 9	0 47	6 45	1 19	19 2	3 37	10 23	9 55	23 30	16 50	6 11	
T 17	23 15	26 21	3 48	16 56	3 40	23 38	0 51	0 59	0 44	15 31	1 15	22 6	1 11	3 9	0 47	6 45	1 19	19 1	3 37	10 26	9 56	23 32	16 50	6 11	
W18	23 16	23 43	3 0	17 10	3 36	23 34	0 53	1 10	0 42	15 30	1 15	22 6	1 11	3 9	0 47	6 46	1 19	19 1	3 37	10 29	9 57	23 34	16 50	6 11	
T 19	23 17	19 56	2 3	17 26	3 32	23 28	0 55	1 20	0 41	15 29	1 14	22 6	1 11	3 9	0 48	6 46	1 20	19 1	3 37	10 31	9 58	23 35	16 49	6 11	
F 20	23 17	15 11	0 58	17 42	3 26	23 22	0 57	1 30	0 39	15 28	1 14	22 6	1 11	3 9	0 48	6 46	1 20	19 0	3 37	10 32	9 59	23 37	16 49	6 11	
S 21	23 17	9 41	0s10	17 59	3 21	23 16	0 59	1 41	0 38	15 27	1 14	22 6	1 11	3 9	0 48	6 47	1 20	19 0	3 37	10 32	10 1	23 39	16 49	6 11	
S 22	23 17	3 39	1 20	18 17	3 14	23 8	1 1	1 51	0 36	15 26	1 14	22 6	1 11	3 9	0 48	6 47	1 20	18 59	3 37	10 32	10 2	23 41	16 48	6 11	
M23	23 16	2s40	2 27	18 35	3 7	23 0	1 3	2 2	0 35	15 25	1 14	22 6	1 11	3 9	0 48	6 47	1 20	18 59	3 37	10 32	10 3	23 43	16 48	6 11	
T 24	23 14	9 2	3 27	18 53	3 0	22 52	1 5	2 13	0 33	15 25	1 13	22 6	1 11	3 9	0 48	6 48	1 20	18 59	3 37	10 32	10 4	23 45	16 48	6 11	
W25	23 12	15 5	4 16	19 12	2 52	22 42	1 7	2 24	0 32	15 24	1 13	22 6	1 11	3 9	0 48	6 48	1 20	18 58	3 37	10 33	10 5	23 46	16 47	6 11	
T 26	23 10	20 27	4 49	19 31	2 43	22 32	1 9	2 35	0 30	15 23	1 13	22 6	1 11	3 9	0 48	6 48	1 20	18 58	3 37	10 34	10 6	23 48	16 47	6 11	
F 27	23 8	24 39	5 5	19 50	2 34	22 22	1 11	2 46	0 29	15 23	1 13	22 6	1 11	3 9	0 48	6 49	1 20	18 58	3 37	10 37	10 7	23 50	16 47	6 11	
S 28	23 5	27 13	4 59	20 8	2 25	22 11	1 12	2 57	0 28	15 22	1 12	22 6	1 11	3 9	0 48	6 49	1 20	18 57	3 37	10 39	10 9	23 52	16 46	6 11	
S 29	23 1	27 50	4 34	20 27	2 15	21 59	1 14	3 9	0 26	15 22	1 12	22 6	1 11	3 9	0 48	6 49	1 20	18 57	3 37	10 42	10 10	23 53	16 46	6 11	
M30	22n57	26s26	3s50	20n45	2s 5	21n46	1n16	3s20	0n25	15s21	1n12	22n 5	1s10	3s 9	0s48	6n49	1s20	18n56	3n37	10s45	10s11	23n55	16n46	6s11	

Julian Day Number = 2882682.5, Delta T = 01h16m10s
Ecliptic obliquity = 23°17'20, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°16'17, Lahiri = 40°23'18

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3180
geocentric

JULY 3180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 38 39	10♋23'29	27♉51	20♊32	28♋43	9♎52	15°R54	2♋38	23°R54	20♈47	17♌30	1°R46	3♓24	25♉27	9♋54	T 1
W 2	18 42 36	11°20'52	12♒ 1	22°12	29°56	10°19	15♏52	2°46	23♓53	20°48	17°31	1♓42	3°20	25°34	10° 0	W 2
T 3	18 46 32	12°18'15	25°44	23°53	1♌ 9	10°46	15°50	2°53	23°53	20°48	17°33	1°D40	3°17	25°40	10° 5	T 3
F 4	18 50 29	13°15'36	9♓ 1	25°38	2°23	11°12	15°48	3° 1	23°53	20°49	17°34	1°40	3°14	25°47	10°10	F 4
S 5	18 54 25	14°12'58	21°53	27°25	3°36	11°40	15°47	3° 9	23°53	20°50	17°36	1°41	3°11	25°54	10°15	S 5
S 6	18 58 22	15°10'19	4♈23	29°15	4°49	12° 7	15°46	3°16	23°52	20°50	17°37	1°43	3° 8	26° 1	10°21	S 6
M 7	19 2 18	16° 7'39	16°37	1♋ 8	6° 2	12°35	15°45	3°24	23°52	20°51	17°39	1°R43	3° 5	26° 7	10°26	M 7
T 8	19 6 15	17° 5'00	28°38	3° 3	7°15	13° 3	15°44	3°32	23°51	20°51	17°40	1°42	3° 1	26°14	10°31	T 8
W 9	19 10 12	18° 2'20	10♉32	5° 1	8°29	13°31	15°43	3°39	23°51	20°52	17°41	1°40	2°58	26°21	10°36	W 9
T 10	19 14 8	18°59'40	22°24	7° 1	9°42	13°59	15°42	3°47	23°50	20°52	17°43	1°35	2°55	26°28	10°41	T 10
F 11	19 18 5	19°56'59	4♊17	9° 3	10°55	14°28	15°42	3°54	23°50	20°53	17°44	1°30	2°52	26°34	10°47	F 11
S 12	19 22 1	20°54'19	16°15	11° 7	12° 8	14°57	15°D42	4° 2	23°49	20°53	17°46	1°23	2°49	26°41	10°52	S 12
S 13	19 25 58	21°51'38	28°20	13°12	13°21	15°26	15°42	4° 9	23°48	20°53	17°48	1°15	2°45	26°48	10°57	S 13
M14	19 29 54	22°48'57	10♋34	15°20	14°34	15°55	15°42	4°17	23°47	20°54	17°49	1° 9	2°42	26°54	11° 2	M14
T 15	19 33 51	23°46'16	22°58	17°28	15°47	16°24	15°43	4°25	23°47	20°54	17°51	1° 3	2°39	27° 1	11° 7	T 15
W16	19 37 47	24°43'34	5♌34	19°38	17° 0	16°54	15°43	4°32	23°46	20°54	17°52	0°59	2°36	27° 8	11°13	W16
T 17	19 41 44	25°40'52	18°22	21°48	18°13	17°24	15°44	4°39	23°45	20°55	17°54	0°56	2°33	27°15	11°18	T 17
F 18	19 45 41	26°38'10	1♍22	23°59	19°26	17°54	15°45	4°47	23°44	20°55	17°55	0°D56	2°30	27°21	11°23	F 18
S 19	19 49 37	27°35'27	14°34	26°10	20°39	18°24	15°46	4°54	23°43	20°55	17°57	0°56	2°26	27°28	11°28	S 19
S 20	19 53 34	28°32'44	28° 0	28°21	21°52	18°55	15°47	5° 2	23°42	20°55	17°58	0°58	2°23	27°35	11°33	S 20
M21	19 57 30	29°30'00	11♎39	0♌32	23° 5	19°25	15°49	5° 9	23°41	20°55	18° 0	0°59	2°20	27°41	11°38	M21
T 22	20 1 27	0♌27'16	25°33	2°42	24°18	19°56	15°50	5°16	23°40	20°55	18° 2	1°R 0	2°17	27°48	11°43	T 22
W23	20 5 23	1°24'32	9♏40	4°51	25°31	20°27	15°52	5°24	23°39	20°55	18° 3	1° 0	2°14	27°55	11°48	W23
T 24	20 9 20	2°21'47	24° 0	6°59	26°44	20°58	15°54	5°31	23°38	20°R55	18° 5	0°58	2°11	28° 2	11°53	T 24
F 25	20 13 16	3°19'02	8♐28	9° 6	27°57	21°30	15°56	5°38	23°36	20°55	18° 7	0°56	2° 7	28° 8	11°58	F 25
S 26	20 17 13	4°16'17	23° 2	11°12	29° 9	22° 1	15°59	5°45	23°35	20°55	18° 8	0°53	2° 4	28°15	12° 3	S 26
S 27	20 21 10	5°13'32	7♑35	13°16	0♍22	22°33	16° 1	5°52	23°34	20°55	18°10	0°49	2° 1	28°22	12° 8	S 27
M28	20 25 6	6°10'46	22° 1	15°18	1°35	23° 5	16° 4	5°59	23°32	20°55	18°11	0°46	1°58	28°29	12°13	M28
T 29	20 29 3	7° 8'01	6♒15	17°19	2°48	23°37	16° 7	6° 6	23°31	20°55	18°13	0°43	1°55	28°35	12°18	T 29
W30	20 32 59	8° 5'15	20°11	19°18	4° 0	24° 9	16°10	6°13	23°30	20°55	18°15	0°42	1°51	28°42	12°23	W30
T 31	20 36 56	9♌ 2'30	3♓46	21♌15	5♍13	24♎42	16♏13	6♋20	23♓28	20♈54	18♌16	0°D42	1♓48	28♉49	12♋28	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n53	23s16	2s51	21n 3	1s55	21n33	1n17	3s31	0n24	15s21	1n12	22n 5	1s10	3s 9	0s48	6n50	1s20	18n56	3n37	10s47	10s12	23n57	16n45	6s11
W 2	22 48	18 45	1 44	21 20	1 44	21 19	1 19	3 43	0 22	15 21	1 11	22 5	1 10	3 9	0 48	6 50	1 20	18 55	3 37	10 48	10 13	23 59	16 45	6 11
T 3	22 43	13 22	0 32	21 36	1 33	21 5	1 20	3 55	0 21	15 20	1 11	22 5	1 10	3 9	0 48	6 50	1 20	18 55	3 37	10 49	10 14	24 1	16 44	6 11
F 4	22 38	7 32	0n39	21 51	1 22	20 50	1 22	4 6	0 20	15 20	1 11	22 5	1 10	3 9	0 48	6 50	1 20	18 55	3 37	10 49	10 15	24 2	16 44	6 11
S 5	22 32	1 34	1 47	22 6	1 10	20 34	1 23	4 18	0 19	15 20	1 11	22 5	1 10	3 9	0 48	6 50	1 20	18 54	3 37	10 48	10 17	24 4	16 43	6 11
S 6	22 26	4n17	2 47	22 19	0 59	20 18	1 24	4 30	0 17	15 20	1 10	22 5	1 10	3 9	0 48	6 51	1 20	18 54	3 37	10 48	10 18	24 6	16 43	6 11
M 7	22 19	9 51	3 38	22 30	0 47	20 2	1 26	4 42	0 16	15 20	1 10	22 5	1 10	3 10	0 48	6 51	1 20	18 53	3 37	10 48	10 19	24 7	16 42	6 12
T 8	22 12	14 57	4 19	22 40	0 35	19 45	1 27	4 54	0 15	15 20	1 10	22 4	1 10	3 10	0 48	6 51	1 20	18 53	3 37	10 48	10 20	24 9	16 42	6 12
W 9	22 5	19 27	4 48	22 48	0 24	19 27	1 28	5 6	0 14	15 20	1 10	22 4	1 10	3 10	0 48	6 51	1 21	18 52	3 37	10 49	10 21	24 11	16 41	6 12
T 10	21 57	23 10	5 5	22 54	0 13	19 8	1 29	5 18	0 12	15 20	1 9	22 4	1 10	3 10	0 48	6 51	1 21	18 52	3 37	10 51	10 22	24 13	16 41	6 12
F 11	21 49	25 55	5 8	22 58	0 1	18 50	1 30	5 30	0 11	15 20	1 9	22 4	1 10	3 11	0 48	6 51	1 21	18 52	3 37	10 53	10 23	24 14	16 40	6 12
S 12	21 40	27 32	4 59	22 59	0n10	18 30	1 31	5 42	0 10	15 20	1 9	22 4	1 10	3 11	0 48	6 51	1 21	18 51	3 37	10 55	10 24	24 16	16 40	6 12
S 13	21 32	27 52	4 35	22 59	0 20	18 11	1 32	5 54	0 9	15 21	1 9	22 4	1 10	3 11	0 48	6 51	1 21	18 51	3 37	10 58	10 26	24 18	16 39	6 12
M14	21 22	26 51	3 59	22 55	0 31	17 50	1 33	6 6	0 8	15 21	1 8	22 3	1 10	3 12	0 48	6 51	1 21	18 50	3 37	11 0	10 27	24 19	16 39	6 12
T 15	21 13	24 30	3 11	22 50	0 41	17 29	1 33	6 19	0 7	15 21	1 8	22 3	1 10	3 12	0 49	6 52	1 21	18 50	3 37	11 2	10 28	24 21	16 38	6 13
W16	21 3	20 55	2 14	22 41	0 50	17 8	1 34	6 31	0 6	15 22	1 8	22 3	1 10	3 12	0 49	6 52	1 21	18 49	3 37	11 3	10 29	24 23	16 38	6 13
T 17	20 52	16 18	1 8	22 30	0 59	16 46	1 35	6 43	0 4	15 22	1 8	22 3	1 10	3 13	0 49	6 52	1 21	18 49	3 37	11 4	10 30	24 24	16 37	6 13
F 18	20 42	10 53	0s 2	22 17	1 7	16 24	1 35	6 56	0 3	15 23	1 7	22 3	1 10	3 13	0 49	6 52	1 21	18 48	3 37	11 5	10 31	24 26	16 37	6 13
S 19	20 31	4 54	1 14	22 0	1 15	16 2	1 36	7 8	0 2	15 23	1 7	22 2	1 10	3 14	0 49	6 52	1 21	18 48	3 37	11 4	10 32	24 28	16 36	6 13
S 20	20 19	1s23	2 22	21 41	1 21	15 39	1 36	7 21	0 1	15 24	1 7	22 2	1 10	3 14	0 49	6 52	1 21	18 48	3 37	11 4	10 34	24 29	16 35	6 13
M21	20 8	7 43	3 24	21 20	1 28	15 15	1 36	7 33	0 0	15 24	1 7	22 2	1 10	3 14	0 49	6 52	1 21	18 47	3 37	11 3	10 35	24 31	16 35	6 13
T 22	19 56	13 47	4 15	20 56	1 33	14 52	1 37	7 46	0s 1	15 25	1 6	22 2	1 10	3 15	0 49	6 52	1 21	18 47	3 37	11 3	10 36	24 32	16 34	6 14
W23	19 43	19 14	4 52	20 30	1 37	14 27	1 37	7 58	0 2	15 26	1 6	22 1	1 10	3 15	0 49	6 52	1 21	18 46	3 37	11 3	10 37	24 34	16 34	6 14
T 24	19 31	23 40	5 11	20 2	1 41	14 3	1 37	8 11	0 3	15 27	1 6	22 1	1 10	3 16	0 49	6 52	1 21	18 46	3 37	11 4	10 38	24 36	16 33	6 14
F 25	19 18	26 41	5 10	19 32	1 44	13 38	1 37	8 24	0 4	15 28	1 5	22 1	1 9	3 16	0 49	6 51	1 21	18 45	3 37	11 4	10 39	24 37	16 32	6 14
S 26	19 4	27 56	4 50	19 1	1 46	13 13	1 37	8 36	0 5	15 29	1 5	22 0	1 9	3 17	0 49	6 51	1 21	18 45	3 37	11 6	10 40	24 39	16 32	6 14
S 27	18 51	27 15	4 11	18 27	1 48	12 47	1 37	8 49	0 6	15 29	1 5	22 0	1 9	3 17	0 49	6 51	1 21	18 44	3 37	11 7	10 41	24 41	16 31	6 15
M28	18 37	24 44	3 16	17 53	1 49	12 21	1 37	9 2	0 7	15 30	1 5	22 0	1 9	3 18	0 49	6 51	1 21	18 44	3 37	11 8	10 43	24 42	16 30	6 15
T 29	18 22	20 42	2 10	17 16	1 49	11 55	1 36	9 14	0 8	15 32	1 4	22 0	1 9	3 19	0 49	6 51	1 22	18 43	3 38	11 9	10 44	24 44	16 30	6 15
W30	18 8	15 35	0 58	16 39	1 48	11 28	1 36	9 27	0 9	15 33	1 4	21 59	1 9	3 19	0 49	6 51	1 22	18 43	3 38	11 9	10 45	24 45	16 29	6 15
T 31	17n53	9s48	0n17	16n 1	1n47	11n 2	1n36	9s40	0s10	15s34	1n 4	21n59	1s 9	3s20	0s49	6n51	1s22	18n42	3n38	11s10	10s46	24n47	16n28	6s16

Julian Day Number = 2882712.5, Delta T = 01h16m11s
Ecliptic obliquity = 23°17'19, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°16'21, Lahiri = 40°23'22

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ASTRODIENST EPHEMERIS for the year 3180
geocentric

AUGUST 3180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 40 52	9♌59'45	16♓59	23♌11	6♍26	25♎14	16♏16	6♋27	23°R27	20°R54	18♌18	0♓42	1♓45	28♉55	12♋33	F 1
S 2	20 44 49	10°57'01	29°50	25° 4	7°38	25°47	16°20	6°34	23♓25	20♈54	18°20	0°43	1°42	29° 2	12°38	S 2
S 3	20 48 45	11°54'17	12♈22	26°56	8°51	26°20	16°24	6°41	23°24	20°53	18°21	0°45	1°39	29° 9	12°43	S 3
M 4	20 52 42	12°51'33	24°38	28°46	10° 3	26°53	16°27	6°48	23°22	20°53	18°23	0°46	1°36	29°16	12°47	M 4
T 5	20 56 39	13°48'50	6♉42	0♍34	11°16	27°26	16°31	6°55	23°20	20°53	18°25	0°47	1°32	29°22	12°52	T 5
W 6	21 0 35	14°46'08	18°38	2°20	12°28	27°59	16°36	7° 1	23°19	20°52	18°26	0°R47	1°29	29°29	12°57	W 6
T 7	21 4 32	15°43'26	0♊31	4° 4	13°41	28°33	16°40	7° 8	23°17	20°52	18°28	0°47	1°26	29°36	13° 2	T 7
F 8	21 8 28	16°40'45	12°26	5°46	14°53	29° 6	16°44	7°15	23°15	20°51	18°30	0°45	1°23	29°43	13° 6	F 8
S 9	21 12 25	17°38'05	24°26	7°27	16° 6	29°40	16°49	7°21	23°13	20°51	18°32	0°44	1°20	29°49	13°11	S 9
S 10	21 16 21	18°35'25	6♋36	9° 6	17°18	0♏14	16°54	7°28	23°12	20°50	18°33	0°42	1°17	29°56	13°15	S 10
M11	21 20 18	19°32'46	18°58	10°43	18°30	0°48	16°59	7°34	23°10	20°50	18°35	0°40	1°13	0♊ 3	13°20	M11
T 12	21 24 14	20°30'08	1♌35	12°18	19°43	1°22	17° 4	7°41	23° 8	20°49	18°37	0°39	1°10	0° 9	13°25	T 12
W13	21 28 11	21°27'30	14°27	13°51	20°55	1°57	17° 9	7°47	23° 6	20°49	18°38	0°38	1° 7	0°16	13°29	W13
T 14	21 32 8	22°24'53	27°34	15°22	22° 7	2°31	17°15	7°53	23° 4	20°48	18°40	0°D38	1° 4	0°23	13°33	T 14
F 15	21 36 4	23°22'17	10♍58	16°51	23°20	3° 6	17°20	8° 0	23° 2	20°47	18°42	0°38	1° 1	0°30	13°38	F 15
S 16	21 40 1	24°19'41	24°35	18°19	24°32	3°41	17°26	8° 6	23° 0	20°47	18°43	0°38	0°57	0°36	13°42	S 16
S 17	21 43 57	25°17'05	8♎24	19°45	25°44	4°16	17°32	8°12	22°58	20°46	18°45	0°39	0°54	0°43	13°47	S 17
M18	21 47 54	26°14'30	22°23	21° 8	26°56	4°51	17°38	8°18	22°56	20°45	18°47	0°39	0°51	0°50	13°51	M18
T 19	21 51 50	27°11'56	6♏29	22°30	28° 8	5°26	17°44	8°24	22°54	20°44	18°48	0°40	0°48	0°56	13°55	T 19
W20	21 55 47	28° 9'22	20°41	23°50	29°20	6° 1	17°50	8°30	22°52	20°43	18°50	0°40	0°45	1° 3	13°59	W20
T 21	21 59 43	29° 6'49	4♐56	25° 8	0♎32	6°37	17°57	8°36	22°50	20°42	18°52	0°R40	0°42	1°10	14° 4	T 21
F 22	22 3 40	0♍ 4'16	19°10	26°23	1°44	7°12	18° 3	8°42	22°48	20°42	18°53	0°40	0°38	1°17	14° 8	F 22
S 23	22 7 37	1° 1'44	3♑22	27°37	2°56	7°48	18°10	8°48	22°45	20°41	18°55	0°D40	0°35	1°23	14°12	S 23
S 24	22 11 33	1°59'12	17°29	28°48	4° 8	8°24	18°17	8°53	22°43	20°40	18°57	0°40	0°32	1°30	14°16	S 24
M25	22 15 30	2°56'41	1♒27	29°57	5°20	9° 0	18°24	8°59	22°41	20°39	18°58	0°40	0°29	1°37	14°20	M25
T 26	22 19 26	3°54'11	15°13	1♎ 4	6°32	9°36	18°31	9° 5	22°39	20°38	19° 0	0°40	0°26	1°44	14°24	T 26
W27	22 23 23	4°51'42	28°47	2° 8	7°43	10°12	18°38	9°10	22°37	20°37	19° 1	0°R40	0°23	1°50	14°28	W27
T 28	22 27 19	5°49'13	12♓ 4	3°10	8°55	10°48	18°45	9°16	22°34	20°36	19° 3	0°40	0°19	1°57	14°32	T 28
F 29	22 31 16	6°46'46	25° 5	4° 9	10° 7	11°25	18°53	9°21	22°32	20°35	19° 5	0°40	0°16	2° 4	14°35	F 29
S 30	22 35 12	7°44'20	7♈49	5° 5	11°18	12° 1	19° 0	9°26	22°30	20°34	19° 6	0°39	0°13	2°10	14°39	S 30
S 31	22 39 9	8♍41'55	20♈18	5♎58	12♎30	12♏38	19♏ 8	9♋31	22♓28	20♈32	19♌ 8	0♓38	0♓10	2♊17	14♋43	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n38	3s45	1n28	15n21	1n45	10n34	1n35	9s52	0s11	15s35	1n 4	21n59	1s 9	3s20	0s49	6n51	1s22	18n42	3n38	11s 9	10s47	24n48	16n28	6s16
S 2	17 22	2n17	2 34	14 41	1 42	10 7	1 35	10 5	0 12	15 36	1 4	21 58	1 9	3 21	0 49	6 51	1 22	18 41	3 38	11 9	10 48	24 50	16 27	6 16
S 3	17 7	8 5	3 30	14 1	1 39	9 39	1 34	10 18	0 13	15 37	1 3	21 58	1 9	3 22	0 49	6 50	1 22	18 41	3 38	11 8	10 49	24 51	16 26	6 16
M 4	16 51	13 26	4 15	13 19	1 35	9 12	1 33	10 31	0 14	15 39	1 3	21 58	1 9	3 22	0 49	6 50	1 22	18 41	3 38	11 8	10 50	24 53	16 26	6 17
T 5	16 35	18 12	4 48	12 37	1 31	8 43	1 33	10 43	0 14	15 40	1 3	21 57	1 9	3 23	0 49	6 50	1 22	18 40	3 38	11 8	10 52	24 54	16 25	6 17
W 6	16 18	22 12	5 8	11 55	1 26	8 15	1 32	10 56	0 15	15 42	1 3	21 57	1 9	3 24	0 49	6 50	1 22	18 40	3 38	11 8	10 53	24 56	16 24	6 17
T 7	16 1	25 16	5 15	11 13	1 21	7 47	1 31	11 9	0 16	15 43	1 2	21 57	1 9	3 24	0 49	6 50	1 22	18 39	3 38	11 8	10 54	24 57	16 23	6 18
F 8	15 44	27 15	5 9	10 30	1 15	7 18	1 30	11 21	0 17	15 44	1 2	21 56	1 9	3 25	0 49	6 49	1 22	18 39	3 38	11 8	10 55	24 59	16 23	6 18
S 9	15 27	27 59	4 49	9 47	1 9	6 49	1 29	11 34	0 18	15 46	1 2	21 56	1 9	3 26	0 49	6 49	1 22	18 38	3 38	11 9	10 56	25 0	16 22	6 18
S 10	15 10	27 23	4 16	9 4	1 2	6 20	1 27	11 47	0 19	15 48	1 2	21 56	1 9	3 27	0 49	6 49	1 22	18 38	3 38	11 9	10 57	25 2	16 21	6 18
M11	14 52	25 26	3 30	8 21	0 55	5 50	1 26	11 59	0 20	15 49	1 1	21 55	1 9	3 27	0 49	6 49	1 22	18 37	3 38	11 10	10 58	25 3	16 21	6 19
T 12	14 34	22 11	2 34	7 39	0 48	5 21	1 25	12 12	0 21	15 51	1 1	21 55	1 9	3 28	0 49	6 48	1 22	18 37	3 38	11 10	10 59	25 5	16 20	6 19
W13	14 16	17 48	1 28	6 56	0 40	4 51	1 23	12 25	0 21	15 53	1 1	21 54	1 9	3 29	0 49	6 48	1 22	18 36	3 38	11 11	11 1	25 6	16 19	6 19
T 14	13 57	12 30	0 17	6 13	0 32	4 22	1 22	12 37	0 22	15 54	1 1	21 54	1 9	3 30	0 49	6 48	1 22	18 36	3 38	11 11	11 2	25 8	16 18	6 20
F 15	13 39	6 32	0s57	5 31	0 24	3 52	1 20	12 50	0 23	15 56	1 0	21 54	1 9	3 30	0 49	6 48	1 22	18 35	3 39	11 11	11 3	25 9	16 18	6 20
S 16	13 20	0 10	2 9	4 49	0 15	3 22	1 19	13 2	0 24	15 58	1 0	21 53	1 9	3 31	0 49	6 47	1 22	18 35	3 39	11 11	11 4	25 11	16 17	6 20
S 17	13 1	6s17	3 14	4 8	0 6	2 52	1 17	13 15	0 25	16 0	1 0	21 53	1 9	3 32	0 49	6 47	1 22	18 35	3 39	11 10	11 5	25 12	16 16	6 21
M18	12 41	12 30	4 9	3 26	0s 3	2 22	1 15	13 27	0 26	16 2	1 0	21 53	1 9	3 33	0 49	6 47	1 23	18 34	3 39	11 10	11 6	25 14	16 15	6 21
T 19	12 22	18 9	4 49	2 46	0 13	1 52	1 13	13 40	0 26	16 4	1 0	21 52	1 9	3 34	0 49	6 46	1 23	18 34	3 39	11 10	11 7	25 15	16 14	6 22
W20	12 2	22 49	5 12	2 5	0 22	1 21	1 12	13 52	0 27	16 5	0 59	21 52	1 9	3 34	0 50	6 46	1 23	18 33	3 39	11 10	11 8	25 16	16 14	6 22
T 21	11 43	26 10	5 16	1 26	0 32	0 51	1 10	14 5	0 28	16 7	0 59	21 51	1 9	3 35	0 50	6 46	1 23	18 33	3 39	11 10	11 10	25 18	16 13	6 22
F 22	11 23	27 50	5 0	0 47	0 42	0 21	1 8	14 17	0 29	16 9	0 59	21 51	1 9	3 36	0 50	6 45	1 23	18 32	3 39	11 10	11 11	25 19	16 12	6 23
S 23	11 2	27 41	4 27	0 8	0 53	0s10	1 5	14 29	0 29	16 12	0 59	21 51	1 9	3 37	0 50	6 45	1 23	18 32	3 39	11 10	11 12	25 21	16 11	6 23
S 24	10 42	25 45	3 37	0s29	1 3	0 40	1 3	14 41	0 30	16 14	0 58	21 50	1 9	3 38	0 50	6 44	1 23	18 31	3 39	11 10	11 13	25 22	16 10	6 23
M25	10 22	22 14	2 35	1 6	1 14	1 10	1 1	14 54	0 31	16 16	0 58	21 50	1 9	3 39	0 50	6 44	1 23	18 31	3 39	11 10	11 14	25 23	16 10	6 24
T 26	10 1	17 31	1 25	1 43	1 24	1 41	0 59	15 6	0 32	16 18	0 58	21 49	1 9	3 40	0 50	6 44	1 23	18 31	3 39	11 10	11 15	25 25	16 9	6 24
W27	9 40	11 59	0 11	2 18	1 35	2 11	0 56	15 18	0 32	16 20	0 58	21 49	1 10	3 41	0 50	6 43	1 23	18 30	3 40	11 10	11 16	25 26	16 8	6 25
T 28	9 19	6 1	1n 3	2 52	1 46	2 41	0 54	15 30	0 33	16 22	0 58	21 49	1 10	3 41	0 50	6 43	1 23	18 30	3 40	11 10	11 17	25 28	16 7	6 25
F 29	8 58	0n 4	2 11	3 25	1 56	3 12	0 51	15 42	0 34	16 24	0 57	21 48	1 10	3 42	0 50	6 42	1 23	18 29	3 40	11 10	11 18	25 29	16 6	6 25
S 30	8 37	6 1	3 11	3 57	2 7	3 42	0 49	15 54	0 35	16 27	0 57	21 48	1 10	3 43	0 50	6 42	1 23	18 29	3 40	11 10	11 20	25 30	16 6	6 26
S 31	8n15	11n37	4n 1	4s28	2s18	4s12	0n46	16s 5	0s35	16s29	0n57	21n48	1s10	3s44	0s50	6n41	1s23	18n28	3n40	11s11	11s21	25n32	16n 5	6s26

Julian Day Number = 2882743.5, Delta T = 01h16m12s
Ecliptic obliquity = 23°17'20, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°16'26, Lahiri = 40°23'26

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ASTRODIENST EPHEMERIS for the year 3180
geocentric

SEPTEMBER 3180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 43 6	9♍39'31	2♉33	6♎48	13♎42	13♏15	19♏16	9♋37	22°R25	20°R31	19♘10	0°R37	0♓ 7	2♊24	14♋47	M 1
T 2	22 47 2	10°37'09	14°37	7°35	14°53	13°52	19°24	9°42	22♓23	20♈30	19°11	0♓36	0° 3	2°31	14°50	T 2
W 3	22 50 59	11°34'48	26°33	8°18	16° 4	14°29	19°32	9°47	22°21	20°29	19°13	0°35	0° 0	2°37	14°54	W 3
T 4	22 54 55	12°32'28	8♊26	8°58	17°16	15° 6	19°40	9°52	22°18	20°28	19°14	0°D35	29♒57	2°44	14°57	T 4
F 5	22 58 52	13°30'10	20°21	9°34	18°27	15°43	19°49	9°56	22°16	20°27	19°16	0°35	29°54	2°51	15° 1	F 5
S 6	23 2 48	14°27'54	2♋22	10° 6	19°39	16°20	19°57	10° 1	22°13	20°25	19°17	0°35	29°51	2°57	15° 4	S 6
S 7	23 6 45	15°25'39	14°33	10°33	20°50	16°58	20° 6	10° 6	22°11	20°24	19°19	0°36	29°48	3° 4	15° 8	S 7
M 8	23 10 41	16°23'25	26°58	10°56	22° 1	17°35	20°14	10°10	22° 9	20°23	19°20	0°38	29°44	3°11	15°11	M 8
T 9	23 14 38	17°21'13	9♌42	11°15	23°12	18°13	20°23	10°15	22° 6	20°21	19°22	0°39	29°41	3°18	15°14	T 9
W10	23 18 35	18°19'03	22°46	11°28	24°23	18°51	20°32	10°19	22° 4	20°20	19°24	0°40	29°38	3°24	15°17	W10
T 11	23 22 31	19°16'54	6♍11	11°36	25°34	19°29	20°41	10°24	22° 2	20°19	19°25	0°R40	29°35	3°31	15°20	T 11
F 12	23 26 28	20°14'46	19°56	11°R39	26°46	20° 7	20°50	10°28	21°59	20°17	19°27	0°39	29°32	3°38	15°23	F 12
S 13	23 30 24	21°12'40	4♎ 0	11°36	27°57	20°45	20°59	10°32	21°57	20°16	19°28	0°37	29°29	3°45	15°26	S 13
S 14	23 34 21	22°10'35	18°17	11°27	29° 7	21°23	21° 9	10°36	21°54	20°15	19°29	0°34	29°25	3°51	15°29	S 14
M15	23 38 17	23° 8'32	2♏43	11°12	0♏18	22° 1	21°18	10°40	21°52	20°13	19°31	0°31	29°22	3°58	15°32	M15
T 16	23 42 14	24° 6'29	17°12	10°52	1°29	22°40	21°28	10°44	21°50	20°12	19°32	0°28	29°19	4° 5	15°35	T 16
W17	23 46 10	25° 4'28	1♐38	10°25	2°40	23°18	21°37	10°48	21°47	20°10	19°34	0°26	29°16	4°11	15°38	W17
T 18	23 50 7	26° 2'29	15°59	9°52	3°51	23°57	21°47	10°52	21°45	20° 9	19°35	0°25	29°13	4°18	15°40	T 18
F 19	23 54 4	27° 0'31	0♑ 9	9°14	5° 1	24°36	21°57	10°56	21°42	20° 7	19°37	0°D24	29° 9	4°25	15°43	F 19
S 20	23 58 0	27°58'33	14° 8	8°30	6°12	25°15	22° 7	10°59	21°40	20° 6	19°38	0°25	29° 6	4°32	15°46	S 20
S 21	0 1 57	28°56'37	27°54	7°41	7°22	25°54	22°17	11° 3	21°38	20° 4	19°39	0°27	29° 3	4°38	15°48	S 21
M22	0 5 53	29°54'43	11♒28	6°49	8°33	26°33	22°27	11° 6	21°35	20° 3	19°41	0°28	29° 0	4°45	15°51	M22
T 23	0 9 50	0♎52'50	24°49	5°53	9°43	27°12	22°37	11° 9	21°33	20° 1	19°42	0°R29	28°57	4°52	15°53	T 23
W24	0 13 46	1°50'58	7♓58	4°55	10°54	27°51	22°47	11°12	21°31	20° 0	19°43	0°29	28°54	4°58	15°55	W24
T 25	0 17 43	2°49'07	20°54	3°56	12° 4	28°31	22°58	11°15	21°28	19°58	19°45	0°27	28°50	5° 5	15°57	T 25
F 26	0 21 39	3°47'18	3♈38	2°57	13°14	29°10	23° 8	11°18	21°26	19°56	19°46	0°24	28°47	5°12	16° 0	F 26
S 27	0 25 36	4°45'31	16°10	2° 0	14°24	29°50	23°19	11°21	21°24	19°55	19°47	0°19	28°44	5°19	16° 2	S 27
S 28	0 29 32	5°43'46	28°30	1° 5	15°34	0♐29	23°29	11°24	21°21	19°53	19°48	0°13	28°41	5°25	16° 4	S 28
M29	0 33 29	6°42'03	10♉40	0°15	16°44	1° 9	23°40	11°27	21°19	19°52	19°50	0° 7	28°38	5°32	16° 6	M29
T 30	0 37 26	7♎40'21	22♉41	29♍31	17♏54	1♐49	23♏51	11♋29	21♓17	19♈50	19♘51	0♓ 0	28♒34	5♊39	16♋ 8	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n54	16n39	4n39	4s58	2s29	4s42	0n43	16s17	0s36	16s31	0n57	21n47	1s10	3s45	0s50	6n41	1s23	18n28	3n40	11s11	11s22	25n33	16n 4	6s27
T 2	7 32	20 57	5 4	5 26	2 39	5 12	0 40	16 29	0 37	16 34	0 57	21 47	1 10	3 46	0 50	6 40	1 23	18 28	3 40	11 12	11 23	25 34	16 3	6 27
W 3	7 11	24 22	5 15	5 53	2 50	5 42	0 38	16 40	0 37	16 36	0 56	21 46	1 10	3 47	0 50	6 40	1 23	18 27	3 40	11 12	11 24	25 36	16 2	6 28
T 4	6 49	26 44	5 13	6 18	3 0	6 12	0 35	16 52	0 38	16 38	0 56	21 46	1 10	3 48	0 50	6 40	1 23	18 27	3 40	11 12	11 25	25 37	16 2	6 28
F 5	6 27	27 53	4 57	6 41	3 10	6 42	0 32	17 3	0 39	16 41	0 56	21 46	1 10	3 49	0 50	6 39	1 23	18 26	3 40	11 12	11 26	25 38	16 1	6 29
S 6	6 5	27 45	4 29	7 3	3 20	7 12	0 29	17 15	0 39	16 43	0 56	21 45	1 10	3 50	0 50	6 39	1 23	18 26	3 41	11 12	11 27	25 39	16 0	6 29
S 7	5 43	26 16	3 48	7 23	3 30	7 41	0 26	17 26	0 40	16 46	0 56	21 45	1 10	3 51	0 50	6 38	1 23	18 26	3 41	11 11	11 28	25 41	15 59	6 29
M 8	5 20	23 30	2 55	7 40	3 39	8 10	0 23	17 37	0 41	16 48	0 55	21 44	1 10	3 52	0 50	6 37	1 23	18 25	3 41	11 11	11 30	25 42	15 58	6 30
T 9	4 58	19 32	1 53	7 55	3 48	8 40	0 19	17 48	0 41	16 51	0 55	21 44	1 10	3 52	0 50	6 37	1 23	18 25	3 41	11 10	11 31	25 43	15 57	6 30
W10	4 36	14 32	0 43	8 8	3 56	9 9	0 16	17 59	0 42	16 53	0 55	21 44	1 10	3 53	0 50	6 36	1 23	18 25	3 41	11 10	11 32	25 45	15 57	6 31
T 11	4 13	8 43	0s30	8 18	4 4	9 37	0 13	18 10	0 42	16 56	0 55	21 43	1 10	3 54	0 50	6 36	1 23	18 24	3 41	11 10	11 33	25 46	15 56	6 31
F 12	3 50	2 22	1 44	8 26	4 11	10 6	0 10	18 21	0 43	16 58	0 55	21 43	1 10	3 55	0 50	6 35	1 23	18 24	3 41	11 10	11 34	25 47	15 55	6 32
S 13	3 28	4s14	2 53	8 30	4 17	10 35	0 6	18 32	0 44	17 1	0 54	21 43	1 10	3 56	0 50	6 35	1 23	18 23	3 41	11 11	11 35	25 48	15 54	6 32
S 14	3 5	10 43	3 53	8 31	4 22	11 3	0 3	18 42	0 44	17 4	0 54	21 42	1 10	3 57	0 50	6 34	1 24	18 23	3 41	11 12	11 36	25 49	15 53	6 33
M15	2 42	16 41	4 38	8 29	4 26	11 31	0s 0	18 53	0 45	17 6	0 54	21 42	1 10	3 58	0 50	6 34	1 24	18 23	3 42	11 13	11 37	25 51	15 53	6 33
T 16	2 20	21 44	5 5	8 24	4 29	11 59	0 4	19 3	0 46	17 9	0 54	21 42	1 10	3 59	0 50	6 33	1 24	18 22	3 42	11 14	11 38	25 52	15 52	6 34
W17	1 57	25 29	5 14	8 14	4 30	12 26	0 7	19 14	0 46	17 11	0 54	21 41	1 10	4 0	0 50	6 33	1 24	18 22	3 42	11 15	11 39	25 53	15 51	6 34
T 18	1 34	27 34	5 2	8 2	4 30	12 54	0 11	19 24	0 47	17 14	0 54	21 41	1 10	4 1	0 50	6 32	1 24	18 22	3 42	11 15	11 41	25 54	15 50	6 35
F 19	1 11	27 50	4 33	7 45	4 28	13 21	0 14	19 34	0 47	17 17	0 53	21 41	1 10	4 2	0 50	6 31	1 24	18 21	3 42	11 16	11 42	25 56	15 49	6 35
S 20	0 48	26 18	3 47	7 25	4 25	13 47	0 18	19 44	0 48	17 19	0 53	21 40	1 10	4 3	0 50	6 31	1 24	18 21	3 42	11 15	11 43	25 57	15 48	6 36
S 21	0 25	23 13	2 49	7 1	4 20	14 14	0 22	19 54	0 48	17 22	0 53	21 40	1 10	4 4	0 50	6 30	1 24	18 21	3 42	11 15	11 44	25 58	15 48	6 37
M22	0 2	18 52	1 42	6 34	4 13	14 40	0 25	20 3	0 49	17 25	0 53	21 40	1 10	4 5	0 50	6 30	1 24	18 21	3 42	11 14	11 45	25 59	15 47	6 37
T 23	0s21	13 39	0 31	6 3	4 4	15 6	0 29	20 13	0 49	17 28	0 53	21 39	1 10	4 6	0 50	6 29	1 24	18 20	3 43	11 14	11 46	26 0	15 46	6 38
W24	0 44	7 54	0n41	5 31	3 53	15 31	0 33	20 22	0 50	17 30	0 53	21 39	1 10	4 6	0 50	6 28	1 24	18 20	3 43	11 14	11 47	26 1	15 45	6 38
T 25	1 7	1 55	1 49	4 56	3 40	15 56	0 36	20 31	0 51	17 33	0 52	21 39	1 10	4 7	0 50	6 28	1 24	18 20	3 43	11 15	11 48	26 3	15 44	6 39
F 26	1 30	4n 3	2 51	4 19	3 26	16 21	0 40	20 41	0 51	17 36	0 52	21 38	1 11	4 8	0 50	6 27	1 24	18 19	3 43	11 16	11 49	26 4	15 44	6 39
S 27	1 53	9 45	3 43	3 42	3 10	16 46	0 44	20 50	0 52	17 39	0 52	21 38	1 11	4 9	0 50	6 27	1 24	18 19	3 43	11 17	11 50	26 5	15 43	6 40
S 28	2 16	14 59	4 24	3 5	2 53	17 10	0 48	20 58	0 52	17 41	0 52	21 38	1 11	4 10	0 50	6 26	1 24	18 19	3 43	11 19	11 52	26 6	15 42	6 40
M29	2 39	19 33	4 52	2 28	2 34	17 33	0 52	21 7	0 53	17 44	0 52	21 38	1 11	4 11	0 50	6 25	1 24	18 19	3 43	11 22	11 53	26 7	15 41	6 41
T 30	3s 2	23n17	5n 7	1s53	2s15	17s57	0s55	21s16	0s53	17s47	0n52	21n37	1s11	4s12	0s50	6n25	1s24	18n18	3n43	11s24	11s54	26n 8	15n41	6s41

Julian Day Number = 2882774.5, Delta T = 01h16m12s
Ecliptic obliquity = 23°17'20, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°16'30, Lahiri = 40°23'30

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ASTRODIENST EPHEMERIS for the year 3180
geocentric

OCTOBER 3180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 41 22	8♎38'42	4♊36	28°R53	19♏ 4	2♐29	24♏ 2	11♋32	21°R15	19°R48	19♌52	29°R55	28♒31	5♊46	16♋ 9	W 1
T 2	0 45 19	9°37'04	16°28	28♍22	20°14	3° 9	24°13	11°34	21♓12	19♈47	19°53	29♒50	28°28	5°52	16°11	T 2
F 3	0 49 15	10°35'29	28°21	28° 0	21°23	3°49	24°24	11°37	21°10	19°45	19°54	29°48	28°25	5°59	16°13	F 3
S 4	0 53 12	11°33'55	10♋19	27°47	22°33	4°29	24°35	11°39	21° 8	19°44	19°56	29°D47	28°22	6° 6	16°14	S 4
S 5	0 57 8	12°32'24	22°28	27°D43	23°43	5° 9	24°46	11°41	21° 6	19°42	19°57	29°47	28°19	6°12	16°16	S 5
M 6	1 1 5	13°30'54	4♌51	27°49	24°52	5°50	24°57	11°43	21° 4	19°40	19°58	29°49	28°15	6°19	16°17	M 6
T 7	1 5 1	14°29'27	17°35	28° 4	26° 1	6°30	25° 9	11°45	21° 1	19°39	19°59	29°50	28°12	6°26	16°19	T 7
W 8	1 8 58	15°28'02	0♍42	28°29	27°11	7°11	25°20	11°47	20°59	19°37	20° 0	29°R51	28° 9	6°33	16°20	W 8
T 9	1 12 55	16°26'39	14°16	29° 2	28°20	7°52	25°31	11°48	20°57	19°35	20° 1	29°50	28° 6	6°39	16°21	T 9
F 10	1 16 51	17°25'17	28°15	29°45	29°29	8°32	25°43	11°50	20°55	19°34	20° 2	29°47	28° 3	6°46	16°22	F 10
S 11	1 20 48	18°23'58	12♎38	0♎36	0♐38	9°13	25°55	11°51	20°53	19°32	20° 3	29°41	28° 0	6°53	16°23	S 11
S 12	1 24 44	19°22'41	27°20	1°35	1°47	9°54	26° 6	11°53	20°51	19°30	20° 4	29°35	27°56	6°59	16°24	S 12
M13	1 28 41	20°21'26	12♏13	2°41	2°56	10°35	26°18	11°54	20°49	19°29	20° 5	29°27	27°53	7° 6	16°25	M13
T 14	1 32 37	21°20'12	27° 9	3°53	4° 5	11°16	26°30	11°55	20°47	19°27	20° 6	29°19	27°50	7°13	16°26	T 14
W15	1 36 34	22°19'01	11♐58	5°11	5°14	11°58	26°42	11°56	20°45	19°25	20° 7	29°12	27°47	7°20	16°27	W15
T 16	1 40 30	23°17'51	26°33	6°34	6°22	12°39	26°53	11°57	20°43	19°24	20° 8	29° 7	27°44	7°26	16°28	T 16
F 17	1 44 27	24°16'42	10♑51	8° 2	7°31	13°20	27° 5	11°58	20°41	19°22	20° 9	29° 4	27°40	7°33	16°28	F 17
S 18	1 48 24	25°15'36	24°48	9°34	8°39	14° 2	27°17	11°58	20°39	19°20	20°10	29°D 4	27°37	7°40	16°29	S 18
S 19	1 52 20	26°14'31	8♒26	11° 9	9°47	14°44	27°29	11°59	20°38	19°19	20°10	29° 4	27°34	7°47	16°29	S 19
M20	1 56 17	27°13'27	21°44	12°47	10°55	15°25	27°42	11°59	20°36	19°17	20°11	29° 5	27°31	7°53	16°30	M20
T 21	2 0 13	28°12'25	4♓47	14°27	12° 3	16° 7	27°54	12° 0	20°34	19°15	20°12	29°R 5	27°28	8° 0	16°30	T 21
W22	2 4 10	29°11'25	17°36	16° 9	13°11	16°49	28° 6	12° 0	20°32	19°14	20°13	29° 3	27°25	8° 7	16°30	W22
T 23	2 8 6	0♏10'27	0♈13	17°52	14°19	17°31	28°18	12° 0	20°31	19°12	20°13	28°59	27°21	8°13	16°30	T 23
F 24	2 12 3	1° 9'30	12°39	19°36	15°27	18°13	28°31	12°R 0	20°29	19°11	20°14	28°52	27°18	8°20	16°R30	F 24
S 25	2 15 59	2° 8'35	24°57	21°21	16°34	18°55	28°43	12° 0	20°28	19° 9	20°15	28°43	27°15	8°27	16°30	S 25
S 26	2 19 56	3° 7'43	7♉ 7	23° 7	17°42	19°37	28°55	12° 0	20°26	19° 7	20°16	28°32	27°12	8°34	16°30	S 26
M27	2 23 53	4° 6'52	19°10	24°52	18°49	20°19	29° 8	12° 0	20°24	19° 6	20°16	28°19	27° 9	8°40	16°30	M27
T 28	2 27 49	5° 6'03	1♊ 7	26°38	19°56	21° 2	29°20	11°59	20°23	19° 4	20°17	28° 7	27° 6	8°47	16°30	T 28
W29	2 31 46	6° 5'17	12°59	28°24	21° 3	21°44	29°33	11°59	20°21	19° 3	20°17	27°55	27° 2	8°54	16°29	W29
T 30	2 35 42	7° 4'33	24°50	0♏ 9	22°10	22°26	29°45	11°58	20°20	19° 1	20°18	27°46	26°59	9° 0	16°29	T 30
F 31	2 39 39	8♏ 3'51	6♋41	1♏55	23♐16	23♐ 9	29♏58	11♋57	20♓19	18♈59	20♌19	27♒39	26♒56	9♊ 7	16♋29	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s24	25n59	5n 9	1s20	1s56	18s20	0s59	21s24	0s54	17s50	0n51	21n37	1s11	4s13	0s50	6n24	1s24	18n18	3n44	11s26	11s55	26n 9	15n40	6s42
T 2	3 47	27 32	4 57	0 49	1 36	18 42	1 3	21 32	0 54	17 53	0 51	21 37	1 11	4 14	0 50	6 24	1 24	18 18	3 44	11 27	11 56	26 10	15 39	6 43
F 3	4 10	27 49	4 32	0 22	1 16	19 4	1 7	21 40	0 55	17 55	0 51	21 37	1 11	4 14	0 50	6 23	1 24	18 18	3 44	11 28	11 57	26 11	15 38	6 43
S 4	4 33	26 49	3 56	0n 1	0 56	19 26	1 11	21 48	0 55	17 58	0 51	21 36	1 11	4 15	0 50	6 22	1 24	18 17	3 44	11 29	11 58	26 13	15 38	6 44
S 5	4 55	24 32	3 8	0 20	0 37	19 47	1 14	21 56	0 56	18 1	0 51	21 36	1 11	4 16	0 50	6 22	1 24	18 17	3 44	11 29	11 59	26 14	15 37	6 44
M 6	5 18	21 3	2 11	0 35	0 19	20 8	1 18	22 4	0 56	18 4	0 51	21 36	1 11	4 17	0 50	6 21	1 24	18 17	3 44	11 28	12 0	26 15	15 36	6 45
T 7	5 41	16 31	1 6	0 45	0 1	20 28	1 22	22 11	0 56	18 7	0 51	21 36	1 11	4 18	0 50	6 20	1 24	18 17	3 44	11 28	12 1	26 16	15 35	6 45
W 8	6 3	11 5	0s 5	0 50	0n15	20 48	1 26	22 18	0 57	18 10	0 50	21 35	1 11	4 19	0 49	6 20	1 24	18 16	3 45	11 27	12 3	26 17	15 35	6 46
T 9	6 26	4 58	1 17	0 51	0 30	21 7	1 30	22 26	0 57	18 12	0 50	21 35	1 11	4 19	0 49	6 19	1 24	18 16	3 45	11 28	12 4	26 18	15 34	6 47
F 10	6 48	1s34	2 27	0 47	0 44	21 26	1 33	22 32	0 58	18 15	0 50	21 35	1 11	4 20	0 49	6 19	1 24	18 16	3 45	11 29	12 5	26 19	15 33	6 47
S 11	7 10	8 11	3 29	0 38	0 57	21 44	1 37	22 39	0 58	18 18	0 50	21 35	1 11	4 21	0 49	6 18	1 24	18 16	3 45	11 31	12 6	26 20	15 33	6 48
S 12	7 32	14 30	4 19	0 25	1 8	22 2	1 41	22 46	0 59	18 21	0 50	21 35	1 11	4 22	0 49	6 17	1 24	18 16	3 45	11 33	12 7	26 21	15 32	6 48
M13	7 54	20 3	4 52	0 9	1 18	22 19	1 45	22 52	0 59	18 24	0 50	21 35	1 11	4 22	0 49	6 17	1 24	18 16	3 45	11 36	12 8	26 22	15 31	6 49
T 14	8 16	24 21	5 6	0s12	1 27	22 36	1 48	22 58	1 0	18 27	0 50	21 34	1 11	4 23	0 49	6 16	1 24	18 15	3 46	11 38	12 9	26 23	15 30	6 50
W15	8 38	27 1	4 58	0 36	1 35	22 52	1 52	23 4	1 0	18 29	0 50	21 34	1 11	4 24	0 49	6 15	1 24	18 15	3 46	11 41	12 10	26 24	15 30	6 50
T 16	9 0	27 46	4 32	1 3	1 41	23 8	1 55	23 10	1 0	18 32	0 49	21 34	1 11	4 25	0 49	6 15	1 24	18 15	3 46	11 42	12 11	26 25	15 29	6 51
F 17	9 21	26 39	3 49	1 33	1 46	23 23	1 59	23 16	1 1	18 35	0 49	21 34	1 11	4 25	0 49	6 14	1 24	18 15	3 46	11 43	12 12	26 26	15 28	6 51
S 18	9 43	23 52	2 53	2 5	1 50	23 38	2 3	23 21	1 1	18 38	0 49	21 34	1 12	4 26	0 49	6 14	1 24	18 15	3 46	11 44	12 13	26 27	15 28	6 52
S 19	10 4	19 47	1 48	2 39	1 53	23 51	2 6	23 26	1 1	18 41	0 49	21 34	1 12	4 27	0 49	6 13	1 24	18 15	3 46	11 44	12 14	26 28	15 27	6 52
M20	10 25	14 47	0 39	3 16	1 54	24 5	2 10	23 31	1 2	18 44	0 49	21 34	1 12	4 27	0 49	6 12	1 24	18 15	3 46	11 43	12 16	26 29	15 27	6 53
T 21	10 46	9 13	0n30	3 53	1 55	24 18	2 13	23 36	1 2	18 46	0 49	21 34	1 12	4 28	0 49	6 12	1 24	18 15	3 47	11 43	12 17	26 30	15 26	6 54
W22	11 7	3 23	1 37	4 32	1 55	24 30	2 16	23 41	1 3	18 49	0 49	21 34	1 12	4 29	0 49	6 11	1 24	18 14	3 47	11 44	12 18	26 31	15 25	6 54
T 23	11 28	2n30	2 38	5 12	1 54	24 41	2 20	23 45	1 3	18 52	0 49	21 34	1 12	4 29	0 49	6 10	1 24	18 14	3 47	11 45	12 19	26 32	15 25	6 55
F 24	11 48	8 12	3 30	5 53	1 53	24 52	2 23	23 49	1 3	18 55	0 49	21 34	1 12	4 30	0 49	6 10	1 24	18 14	3 47	11 48	12 20	26 33	15 24	6 55
S 25	12 9	13 30	4 12	6 34	1 51	25 3	2 26	23 53	1 4	18 58	0 48	21 34	1 12	4 31	0 49	6 9	1 24	18 14	3 47	11 51	12 21	26 34	15 24	6 56
S 26	12 29	18 14	4 41	7 15	1 48	25 12	2 30	23 57	1 4	19 0	0 48	21 33	1 12	4 31	0 49	6 9	1 24	18 14	3 47	11 55	12 22	26 34	15 23	6 57
M27	12 49	22 11	4 58	7 57	1 44	25 21	2 33	24 0	1 4	19 3	0 48	21 33	1 12	4 32	0 49	6 8	1 24	18 14	3 48	11 59	12 23	26 35	15 22	6 57
T 28	13 8	25 10	5 1	8 39	1 41	25 30	2 36	24 4	1 5	19 6	0 48	21 33	1 12	4 32	0 49	6 7	1 24	18 14	3 48	12 3	12 24	26 36	15 22	6 58
W29	13 28	27 2	4 52	9 20	1 36	25 38	2 39	24 7	1 5	19 9	0 48	21 33	1 12	4 33	0 49	6 7	1 24	18 14	3 48	12 7	12 25	26 37	15 21	6 58
T 30	13 47	27 40	4 29	10 1	1 32	25 45	2 42	24 10	1 5	19 11	0 48	21 33	1 12	4 33	0 49	6 6	1 24	18 14	3 48	12 11	12 26	26 38	15 21	6 59
F 31	14s 7	27n 2	3n55	10s42	1n27	25s51	2s44	24s12	1s 6	19s14	0n48	21n34	1s12	4s34	0s49	6n 6	1s24	18n14	3n48	12s13	12s27	26n39	15n20	7s 0

Julian Day Number = 2882804.5, Delta T = 01h16m13s
Ecliptic obliquity = 23°17'20, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°16'34, Lahiri = 40°23'34

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ASTRODIENST EPHEMERIS for the year 3180
geocentric

NOVEMBER 3180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 43 35	9♏ 3'11	18♋38	3♏39	24♐23	23♐52	0♐11	11°R56	20°R17	18°R58	20♑19	27°R34	26♒53	9♊14	16°R28	S 1
S 2	2 47 32	10° 2'33	0♑43	5°24	25°29	24°34	0°23	11♋55	20♓16	18♈56	20°20	27♒32	26°50	9°21	16♋27	S 2
M 3	2 51 28	11° 1'58	13° 3	7° 8	26°35	25°17	0°36	11°54	20°15	18°55	20°20	27°D32	26°46	9°27	16°27	M 3
T 4	2 55 25	12° 1'24	25°41	8°51	27°41	26° 0	0°49	11°53	20°14	18°53	20°20	27°R32	26°43	9°34	16°26	T 4
W 5	2 59 22	13° 0'53	8♍44	10°34	28°47	26°43	1° 2	11°52	20°12	18°52	20°21	27°32	26°40	9°41	16°25	W 5
T 6	3 3 18	14° 0'25	22°15	12°16	29°53	27°26	1°14	11°51	20°11	18°50	20°21	27°30	26°37	9°48	16°24	T 6
F 7	3 7 15	14°59'58	6♎16	13°58	0♑58	28° 9	1°27	11°49	20°10	18°49	20°22	27°25	26°34	9°54	16°23	F 7
S 8	3 11 11	15°59'34	20°45	15°39	2° 4	28°53	1°40	11°47	20° 9	18°47	20°22	27°18	26°31	10° 1	16°22	S 8
S 9	3 15 8	16°59'11	5♏39	17°19	3° 9	29°36	1°53	11°46	20° 8	18°46	20°22	27° 8	26°27	10° 8	16°21	S 9
M10	3 19 4	17°58'51	20°49	18°59	4°14	0♑19	2° 6	11°44	20° 7	18°45	20°23	26°57	26°24	10°14	16°19	M10
T 11	3 23 1	18°58'33	6♐ 4	20°38	5°18	1° 3	2°19	11°42	20° 6	18°43	20°23	26°46	26°21	10°21	16°18	T 11
W12	3 26 57	19°58'16	21°15	22°17	6°23	1°46	2°32	11°40	20° 5	18°42	20°23	26°36	26°18	10°28	16°17	W12
T 13	3 30 54	20°58'02	6♑10	23°55	7°27	2°30	2°45	11°38	20° 5	18°41	20°23	26°28	26°15	10°35	16°15	T 13
F 14	3 34 51	21°57'49	20°42	25°32	8°31	3°13	2°58	11°36	20° 4	18°39	20°24	26°23	26°12	10°41	16°14	F 14
S 15	3 38 47	22°57'38	4♒49	27° 9	9°35	3°57	3°11	11°33	20° 3	18°38	20°24	26°20	26° 8	10°48	16°12	S 15
S 16	3 42 44	23°57'28	18°29	28°46	10°38	4°41	3°24	11°31	20° 3	18°37	20°24	26°20	26° 5	10°55	16°10	S 16
M17	3 46 40	24°57'19	1♓45	0♐22	11°41	5°25	3°37	11°28	20° 2	18°35	20°24	26°19	26° 2	11° 1	16° 9	M17
T 18	3 50 37	25°57'13	14°40	1°57	12°44	6° 9	3°50	11°26	20° 1	18°34	20°24	26°19	25°59	11° 8	16° 7	T 18
W19	3 54 33	26°57'08	27°17	3°32	13°47	6°53	4° 4	11°23	20° 1	18°33	20°24	26°16	25°56	11°15	16° 5	W19
T 20	3 58 30	27°57'04	9♈41	5° 7	14°49	7°37	4°17	11°20	20° 0	18°32	20°R24	26°11	25°52	11°22	16° 3	T 20
F 21	4 2 26	28°57'02	21°55	6°41	15°51	8°21	4°30	11°17	20° 0	18°30	20°24	26° 3	25°49	11°28	16° 1	F 21
S 22	4 6 23	29°57'02	4♉ 1	8°15	16°53	9° 5	4°43	11°14	20° 0	18°29	20°24	25°52	25°46	11°35	15°59	S 22
S 23	4 10 20	0♐57'03	16° 2	9°48	17°54	9°50	4°56	11°11	19°59	18°28	20°24	25°39	25°43	11°42	15°57	S 23
M24	4 14 16	1°57'06	27°58	11°21	18°55	10°34	5° 9	11° 8	19°59	18°27	20°24	25°24	25°40	11°48	15°54	M24
T 25	4 18 13	2°57'11	9♊52	12°53	19°56	11°18	5°22	11° 5	19°59	18°26	20°24	25° 9	25°37	11°55	15°52	T 25
W26	4 22 9	3°57'18	21°44	14°25	20°56	12° 3	5°36	11° 1	19°59	18°25	20°24	24°56	25°33	12° 2	15°50	W26
T 27	4 26 6	4°57'27	3♋35	15°57	21°56	12°47	5°49	10°58	19°59	18°24	20°24	24°44	25°30	12° 9	15°47	T 27
F 28	4 30 2	5°57'38	15°29	17°29	22°55	13°32	6° 2	10°54	19°58	18°23	20°23	24°36	25°27	12°15	15°45	F 28
S 29	4 33 59	6°57'50	27°27	19° 0	23°54	14°17	6°15	10°51	19°D58	18°22	20°23	24°30	25°24	12°22	15°42	S 29
S 30	4 37 55	7♐58'04	9♑33	20♐30	24♑53	15♑ 2	6♐28	10♋47	19♓58	18♈21	20♑23	24♒27	25♒21	12♊29	15♋40	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s25	25n 9	3n11	11s23	1n21	25s57	2s47	24s15	1s 6	19s17	0n48	21n34	1s12	4s34	0s49	6n 5	1s24	18n14	3n48	12s14	12s29	26n40	15n20	7s 0
S 2	14 44	22 6	2 17	12 3	1 16	26 3	2 50	24 17	1 6	19 20	0 48	21 34	1 12	4 35	0 49	6 5	1 24	18 14	3 49	12 15	12 30	26 41	15 19	7 1
M 3	15 3	18 1	1 16	12 42	1 10	26 7	2 53	24 19	1 6	19 22	0 47	21 34	1 12	4 35	0 49	6 4	1 24	18 14	3 49	12 15	12 31	26 41	15 19	7 1
T 4	15 21	13 2	0 10	13 21	1 4	26 11	2 55	24 20	1 7	19 25	0 47	21 34	1 12	4 36	0 49	6 3	1 24	18 14	3 49	12 15	12 32	26 42	15 18	7 2
W 5	15 39	7 20	0s59	13 59	0 58	26 14	2 58	24 22	1 7	19 28	0 47	21 34	1 12	4 36	0 49	6 3	1 24	18 14	3 49	12 15	12 33	26 43	15 18	7 2
T 6	15 57	1 7	2 7	14 36	0 51	26 17	3 0	24 23	1 7	19 31	0 47	21 34	1 12	4 37	0 49	6 2	1 24	18 14	3 49	12 16	12 34	26 44	15 17	7 3
F 7	16 14	5s22	3 9	15 13	0 45	26 19	3 2	24 24	1 8	19 33	0 47	21 34	1 12	4 37	0 49	6 2	1 24	18 14	3 49	12 18	12 35	26 45	15 17	7 3
S 8	16 31	11 47	4 2	15 49	0 38	26 21	3 4	24 25	1 8	19 36	0 47	21 34	1 12	4 37	0 49	6 1	1 24	18 14	3 50	12 20	12 36	26 46	15 16	7 4
S 9	16 48	17 43	4 40	16 24	0 31	26 21	3 6	24 25	1 8	19 39	0 47	21 34	1 12	4 38	0 49	6 1	1 24	18 14	3 50	12 23	12 37	26 46	15 16	7 5
M10	17 5	22 38	4 59	16 58	0 25	26 21	3 8	24 26	1 8	19 41	0 47	21 34	1 12	4 38	0 49	6 0	1 24	18 14	3 50	12 27	12 38	26 47	15 16	7 5
T 11	17 21	26 3	4 56	17 31	0 18	26 21	3 10	24 26	1 8	19 44	0 47	21 35	1 12	4 38	0 48	6 0	1 24	18 14	3 50	12 31	12 39	26 48	15 15	7 6
W12	17 37	27 33	4 33	18 3	0 11	26 20	3 12	24 25	1 9	19 46	0 47	21 35	1 12	4 39	0 48	5 59	1 24	18 14	3 50	12 34	12 40	26 49	15 15	7 6
T 13	17 53	27 0	3 52	18 34	0 4	26 18	3 13	24 25	1 9	19 49	0 47	21 35	1 12	4 39	0 48	5 59	1 24	18 15	3 50	12 37	12 41	26 50	15 15	7 7
F 14	18 9	24 36	2 56	19 4	0s 3	26 16	3 15	24 24	1 9	19 52	0 47	21 35	1 12	4 39	0 48	5 58	1 24	18 15	3 51	12 39	12 42	26 50	15 14	7 7
S 15	18 24	20 44	1 51	19 33	0 9	26 13	3 16	24 23	1 9	19 54	0 46	21 35	1 12	4 39	0 48	5 58	1 24	18 15	3 51	12 40	12 44	26 51	15 14	7 8
S 16	18 39	15 51	0 41	20 1	0 16	26 9	3 18	24 22	1 10	19 57	0 46	21 35	1 12	4 40	0 48	5 57	1 24	18 15	3 51	12 40	12 45	26 52	15 14	7 8
M17	18 53	10 21	0n29	20 28	0 23	26 5	3 19	24 20	1 10	19 59	0 46	21 36	1 12	4 40	0 48	5 57	1 24	18 15	3 51	12 40	12 46	26 53	15 13	7 9
T 18	19 7	4 32	1 35	20 54	0 30	26 0	3 20	24 19	1 10	20 2	0 46	21 36	1 13	4 40	0 48	5 56	1 24	18 15	3 51	12 40	12 47	26 53	15 13	7 9
W19	19 21	1n19	2 36	21 19	0 36	25 54	3 21	24 17	1 10	20 4	0 46	21 36	1 13	4 40	0 48	5 56	1 24	18 15	3 51	12 41	12 48	26 54	15 13	7 10
T 20	19 35	7 0	3 27	21 43	0 43	25 48	3 21	24 14	1 10	20 7	0 46	21 36	1 13	4 40	0 48	5 56	1 24	18 15	3 52	12 43	12 49	26 55	15 12	7 10
F 21	19 48	12 20	4 9	22 6	0 49	25 42	3 22	24 12	1 10	20 9	0 46	21 36	1 13	4 41	0 48	5 55	1 24	18 16	3 52	12 45	12 50	26 55	15 12	7 11
S 22	20 1	17 9	4 38	22 28	0 56	25 35	3 22	24 9	1 11	20 12	0 46	21 37	1 13	4 41	0 48	5 55	1 24	18 16	3 52	12 49	12 51	26 56	15 12	7 11
S 23	20 13	21 14	4 55	22 48	1 2	25 27	3 23	24 6	1 11	20 14	0 46	21 37	1 13	4 41	0 48	5 54	1 24	18 16	3 52	12 54	12 52	26 57	15 12	7 12
M24	20 25	24 26	4 59	23 8	1 8	25 19	3 23	24 3	1 11	20 16	0 46	21 37	1 13	4 41	0 48	5 54	1 23	18 16	3 52	12 58	12 53	26 58	15 11	7 12
T 25	20 37	26 34	4 50	23 26	1 14	25 10	3 23	23 59	1 11	20 19	0 46	21 38	1 13	4 41	0 48	5 54	1 23	18 16	3 52	13 3	12 54	26 58	15 11	7 13
W26	20 48	27 29	4 28	23 43	1 20	25 0	3 23	23 56	1 11	20 21	0 46	21 38	1 13	4 41	0 48	5 53	1 23	18 17	3 53	13 8	12 55	26 59	15 11	7 13
T 27	20 59	27 9	3 54	23 59	1 26	24 51	3 22	23 52	1 11	20 23	0 46	21 38	1 13	4 41	0 48	5 53	1 23	18 17	3 53	13 12	12 56	27 0	15 11	7 14
F 28	21 10	25 33	3 10	24 13	1 32	24 40	3 22	23 47	1 11	20 26	0 46	21 38	1 13	4 41	0 48	5 53	1 23	18 17	3 53	13 14	12 57	27 0	15 11	7 14
S 29	21 20	22 47	2 18	24 27	1 37	24 29	3 21	23 43	1 11	20 28	0 46	21 39	1 12	4 41	0 48	5 52	1 23	18 17	3 53	13 16	12 58	27 1	15 10	7 15
S 30	21s30	19n 0	1n18	24s39	1s42	24s18	3s20	23s38	1s12	20s30	0n45	21n39	1s12	4s41	0s48	5n52	1s23	18n17	3n53	13s17	13s 0	27n 2	15n10	7s15

Julian Day Number = 2882835.5, Delta T = 01h16m14s
Ecliptic obliquity = 23°17'19, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°16'38, Lahiri = 40°23'39

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ASTRODIENST EPHEMERIS for the year 3180
geocentric

DECEMBER 3180 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 41 52	8♐58'20	21♌51	22♐ 1	25♑51	15♑46	6♐42	10°R43	19♓59	18°R20	20°R23	24°D26	25♒18	12♊35	15°R37	M 1
T 2	4 45 49	9°58'38	4♍27	23°31	26°49	16°31	6°55	10♋40	19°59	18♈19	20♌22	24°R26	25°14	12°42	15♋34	T 2
W 3	4 49 45	10°58'58	17°23	25° 1	27°46	17°16	7° 8	10°36	19°59	18°18	20°22	24♒26	25°11	12°49	15°31	W 3
T 4	4 53 42	11°59'20	0♎46	26°30	28°43	18° 1	7°21	10°32	19°59	18°17	20°22	24°25	25° 8	12°56	15°29	T 4
F 5	4 57 38	12°59'44	14°37	27°59	29°39	18°46	7°34	10°28	19°59	18°17	20°21	24°21	25° 5	13° 2	15°26	F 5
S 6	5 1 35	14° 0'09	28°58	29°27	0♒35	19°31	7°48	10°24	20° 0	18°16	20°21	24°15	25° 2	13° 9	15°23	S 6
S 7	5 5 31	15° 0'36	13♏46	0♑55	1°30	20°17	8° 1	10°19	20° 0	18°15	20°21	24° 7	24°58	13°16	15°20	S 7
M 8	5 9 28	16° 1'06	28°54	2°23	2°25	21° 2	8°14	10°15	20° 1	18°14	20°20	23°57	24°55	13°22	15°17	M 8
T 9	5 13 25	17° 1'36	14♐14	3°50	3°19	21°47	8°27	10°11	20° 1	18°14	20°20	23°46	24°52	13°29	15°14	T 9
W10	5 17 21	18° 2'09	29°33	5°16	4°12	22°33	8°40	10° 7	20° 2	18°13	20°19	23°37	24°49	13°36	15°10	W10
T 11	5 21 18	19° 2'42	14♑41	6°42	5° 5	23°18	8°53	10° 2	20° 2	18°12	20°19	23°29	24°46	13°43	15° 7	T 11
F 12	5 25 14	20° 3'17	29°27	8° 7	5°57	24° 3	9° 6	9°58	20° 3	18°12	20°18	23°24	24°43	13°49	15° 4	F 12
S 13	5 29 11	21° 3'53	13♒47	9°31	6°48	24°49	9°20	9°53	20° 4	18°11	20°18	23°22	24°39	13°56	15° 1	S 13
S 14	5 33 7	22° 4'31	27°38	10°55	7°39	25°35	9°33	9°49	20° 4	18°11	20°17	23°D22	24°36	14° 3	14°58	S 14
M15	5 37 4	23° 5'09	11♓ 1	12°17	8°29	26°20	9°46	9°44	20° 5	18°10	20°16	23°22	24°33	14°10	14°54	M15
T 16	5 41 0	24° 5'48	23°58	13°38	9°18	27° 6	9°59	9°40	20° 6	18°10	20°16	23°R23	24°30	14°16	14°51	T 16
W17	5 44 57	25° 6'28	6♈35	14°58	10° 6	27°52	10°12	9°35	20° 7	18° 9	20°15	23°22	24°27	14°23	14°47	W17
T 18	5 48 54	26° 7'09	18°55	16°16	10°53	28°38	10°25	9°30	20° 8	18° 9	20°14	23°19	24°24	14°30	14°44	T 18
F 19	5 52 50	27° 7'51	1♉ 3	17°32	11°40	29°23	10°38	9°25	20° 9	18° 9	20°14	23°14	24°20	14°36	14°40	F 19
S 20	5 56 47	28° 8'34	13° 3	18°46	12°25	0♒ 9	10°51	9°21	20°10	18° 8	20°13	23° 6	24°17	14°43	14°37	S 20
S 21	6 0 43	29° 9'19	24°57	19°58	13°10	0°55	11° 3	9°16	20°11	18° 8	20°12	22°57	24°14	14°50	14°33	S 21
M22	6 4 40	0♑10'04	6♊50	21° 7	13°53	1°41	11°16	9°11	20°12	18° 8	20°11	22°46	24°11	14°57	14°30	M22
T 23	6 8 36	1°10'50	18°42	22°12	14°35	2°27	11°29	9° 6	20°13	18° 8	20°11	22°36	24° 8	15° 3	14°26	T 23
W24	6 12 33	2°11'37	0♋35	23°14	15°17	3°13	11°42	9° 1	20°15	18° 7	20°10	22°26	24° 4	15°10	14°23	W24
T 25	6 16 29	3°12'26	12°31	24°12	15°57	4° 0	11°55	8°56	20°16	18° 7	20° 9	22°17	24° 1	15°17	14°19	T 25
F 26	6 20 26	4°13'15	24°32	25° 5	16°35	4°46	12° 8	8°51	20°17	18° 7	20° 8	22°11	23°58	15°23	14°15	F 26
S 27	6 24 23	5°14'06	6♌38	25°53	17°13	5°32	12°20	8°47	20°19	18° 7	20° 7	22° 8	23°55	15°30	14°12	S 27
S 28	6 28 19	6°14'57	18°53	26°34	17°49	6°18	12°33	8°42	20°20	18° 7	20° 6	22°D 6	23°52	15°37	14° 8	S 28
M29	6 32 16	7°15'50	1♍18	27° 8	18°24	7° 5	12°46	8°37	20°22	18°D 7	20° 6	22° 7	23°49	15°44	14° 4	M29
T 30	6 36 12	8°16'43	13°57	27°35	18°58	7°51	12°58	8°32	20°23	18° 7	20° 5	22° 8	23°45	15°50	14° 0	T 30
W31	6 40 9	9♑17'38	26♍54	27♑52	19♒30	8♒37	13♐11	8♋27	20♓25	18♈ 7	20♌ 4	22♒ 9	23♒42	15♊57	13♋57	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s39	14n21	0n14	24s50	1s47	24s 6	3s19	23s33	1s12	20s33	0n45	21n39	1s12	4s41	0s48	5n52	1s23	18n18	3n54	13s18	13s 1	27n 2	15n10	7s15
T 2	21 48	9 0	0s53	25 0	1 52	23 54	3 18	23 28	1 12	20 35	0 45	21 40	1 12	4 41	0 48	5 51	1 23	18 18	3 54	13 18	13 2	27 3	15 10	7 16
W 3	21 57	3 8	1 59	25 8	1 56	23 41	3 17	23 22	1 12	20 37	0 45	21 40	1 12	4 40	0 48	5 51	1 23	18 18	3 54	13 18	13 3	27 3	15 10	7 16
T 4	22 5	3s 3	3 0	25 15	2 1	23 28	3 15	23 16	1 12	20 39	0 45	21 40	1 12	4 40	0 48	5 51	1 23	18 18	3 54	13 18	13 4	27 4	15 10	7 17
F 5	22 13	9 19	3 53	25 21	2 5	23 15	3 13	23 10	1 12	20 42	0 45	21 41	1 12	4 40	0 48	5 50	1 23	18 19	3 54	13 19	13 5	27 5	15 10	7 17
S 6	22 20	15 18	4 34	25 26	2 9	23 1	3 11	23 4	1 12	20 44	0 45	21 41	1 12	4 40	0 48	5 50	1 23	18 19	3 54	13 21	13 6	27 5	15 10	7 17
S 7	22 27	20 36	4 57	25 29	2 12	22 46	3 9	22 57	1 12	20 46	0 45	21 41	1 12	4 40	0 47	5 50	1 23	18 19	3 55	13 24	13 7	27 6	15 10	7 18
M 8	22 34	24 41	5 1	25 31	2 15	22 32	3 7	22 51	1 12	20 48	0 45	21 42	1 12	4 40	0 47	5 50	1 23	18 20	3 55	13 27	13 8	27 6	15 10	7 18
T 9	22 40	27 3	4 43	25 32	2 18	22 17	3 4	22 44	1 12	20 50	0 45	21 42	1 12	4 39	0 47	5 49	1 23	18 20	3 55	13 31	13 9	27 7	15 10	7 19
W10	22 45	27 23	4 5	25 32	2 21	22 1	3 1	22 36	1 12	20 52	0 45	21 42	1 12	4 39	0 47	5 49	1 23	18 20	3 55	13 34	13 10	27 7	15 10	7 19
T 11	22 50	25 38	3 10	25 30	2 23	21 45	2 58	22 29	1 12	20 54	0 45	21 43	1 12	4 39	0 47	5 49	1 23	18 20	3 55	13 36	13 11	27 8	15 10	7 19
F 12	22 55	22 9	2 4	25 27	2 25	21 29	2 55	22 21	1 12	20 56	0 45	21 43	1 12	4 39	0 47	5 49	1 23	18 21	3 55	13 38	13 12	27 9	15 10	7 20
S 13	22 59	17 24	0 51	25 22	2 26	21 13	2 51	22 13	1 12	20 58	0 45	21 43	1 12	4 38	0 47	5 49	1 23	18 21	3 55	13 39	13 13	27 9	15 10	7 20
S 14	23 3	11 52	0n23	25 17	2 27	20 56	2 47	22 5	1 12	21 0	0 45	21 44	1 12	4 38	0 47	5 48	1 23	18 21	3 56	13 39	13 14	27 10	15 10	7 20
M15	23 7	5 58	1 33	25 10	2 27	20 39	2 43	21 56	1 12	21 2	0 45	21 44	1 12	4 38	0 47	5 48	1 23	18 22	3 56	13 39	13 15	27 10	15 10	7 20
T 16	23 9	0n 1	2 36	25 2	2 27	20 22	2 39	21 47	1 12	21 4	0 45	21 45	1 12	4 37	0 47	5 48	1 23	18 22	3 56	13 38	13 16	27 11	15 10	7 21
W17	23 12	5 49	3 30	24 53	2 26	20 5	2 34	21 38	1 12	21 6	0 45	21 45	1 12	4 37	0 47	5 48	1 23	18 23	3 56	13 39	13 17	27 11	15 10	7 21
T 18	23 14	11 15	4 12	24 42	2 25	19 47	2 30	21 29	1 12	21 8	0 45	21 45	1 12	4 36	0 47	5 48	1 23	18 23	3 56	13 40	13 19	27 12	15 10	7 21
F 19	23 15	16 11	4 43	24 31	2 23	19 30	2 25	21 20	1 12	21 10	0 45	21 46	1 12	4 36	0 47	5 48	1 23	18 23	3 56	13 41	13 20	27 12	15 10	7 22
S 20	23 17	20 26	5 0	24 18	2 20	19 12	2 19	21 10	1 12	21 12	0 45	21 46	1 12	4 36	0 47	5 48	1 23	18 24	3 57	13 44	13 21	27 13	15 10	7 22
S 21	23 17	23 49	5 5	24 4	2 17	18 54	2 14	21 0	1 12	21 13	0 45	21 47	1 12	4 35	0 47	5 48	1 23	18 24	3 57	13 47	13 22	27 13	15 10	7 22
M22	23 17	26 11	4 56	23 50	2 13	18 36	2 8	20 50	1 12	21 15	0 45	21 47	1 12	4 35	0 47	5 48	1 23	18 24	3 57	13 50	13 23	27 14	15 11	7 22
T 23	23 17	27 22	4 34	23 34	2 8	18 17	2 1	20 39	1 12	21 17	0 45	21 47	1 11	4 34	0 47	5 48	1 22	18 25	3 57	13 54	13 24	27 14	15 11	7 22
W24	23 16	27 18	4 1	23 18	2 2	17 59	1 55	20 29	1 12	21 19	0 45	21 48	1 11	4 34	0 47	5 48	1 22	18 25	3 57	13 57	13 25	27 14	15 11	7 23
T 25	23 15	25 58	3 17	23 1	1 55	17 41	1 48	20 18	1 12	21 20	0 45	21 48	1 11	4 33	0 47	5 48	1 22	18 26	3 57	14 0	13 26	27 15	15 11	7 23
F 26	23 13	23 26	2 23	22 44	1 47	17 22	1 41	20 7	1 12	21 22	0 45	21 49	1 11	4 32	0 47	5 47	1 22	18 26	3 57	14 2	13 27	27 15	15 11	7 23
S 27	23 11	19 50	1 23	22 27	1 38	17 4	1 33	19 56	1 12	21 24	0 45	21 49	1 11	4 32	0 47	5 47	1 22	18 26	3 58	14 3	13 28	27 16	15 11	7 23
S 28	23 9	15 21	0 17	22 9	1 28	16 45	1 26	19 44	1 12	21 25	0 45	21 49	1 11	4 31	0 47	5 48	1 22	18 27	3 58	14 3	13 29	27 16	15 12	7 23
M29	23 5	10 10	0s50	21 51	1 16	16 27	1 17	19 32	1 11	21 27	0 45	21 50	1 11	4 31	0 47	5 48	1 22	18 27	3 58	14 3	13 30	27 17	15 12	7 23
T 30	23 2	4 30	1 56	21 33	1 4	16 8	1 9	19 20	1 11	21 29	0 45	21 50	1 11	4 30	0 47	5 48	1 22	18 28	3 58	14 3	13 31	27 17	15 12	7 24
W31	22s58	1s29	2s57	21s16	0s50	15s50	1s 0	19s 8	1s11	21s30	0n45	21n51	1s11	4s29	0s47	5n48	1s22	18n28	3n58	14s 2	13s32	27n17	15n12	7s24

Julian Day Number = 2882865.5, Delta T = 01h16m14s
Ecliptic obliquity = 23°17'19, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°16'42, Lahiri = 40°23'43

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ASTRODIENST EPHEMERIS for the year 3181
geocentric

JANUARY 3181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 44 5	10♑18'34	10♎12	28°R 0	20♒ 0	9♒24	13♐23	8°R22	20♓26	18♈ 7	20°R 3	22°R10	23♒39	16♊ 4	13°R53	T 1
F 2	6 48 2	11°19'31	23°53	27♑57	20°29	10°10	13°36	8♋17	20°28	18° 7	20♌ 2	22♒ 9	23°36	16°10	13♋49	F 2
S 3	6 51 58	12°20'30	8♏ 0	27°44	20°56	10°57	13°48	8°12	20°30	18° 7	20° 1	22° 7	23°33	16°17	13°45	S 3
S 4	6 55 55	13°21'29	22°30	27°19	21°22	11°44	14° 0	8° 7	20°31	18° 7	20° 0	22° 2	23°30	16°24	13°42	S 4
M 5	6 59 52	14°22'29	7♐21	26°42	21°45	12°30	14°13	8° 2	20°33	18° 8	19°59	21°57	23°26	16°30	13°38	M 5
T 6	7 3 48	15°23'30	22°25	25°54	22° 7	13°17	14°25	7°57	20°35	18° 8	19°58	21°51	23°23	16°37	13°34	T 6
W 7	7 7 45	16°24'32	7♑33	24°55	22°27	14° 4	14°37	7°52	20°37	18° 8	19°56	21°46	23°20	16°44	13°30	W 7
T 8	7 11 41	17°25'35	22°36	23°47	22°45	14°50	14°49	7°48	20°39	18° 9	19°55	21°42	23°17	16°51	13°27	T 8
F 9	7 15 38	18°26'38	7♒24	22°32	23° 1	15°37	15° 2	7°43	20°41	18° 9	19°54	21°39	23°14	16°57	13°23	F 9
S 10	7 19 34	19°27'42	21°50	21°12	23°15	16°24	15°14	7°38	20°43	18° 9	19°53	21°D39	23°10	17° 4	13°19	S 10
S 11	7 23 31	20°28'45	5♓50	19°49	23°27	17°11	15°26	7°33	20°45	18°10	19°52	21°39	23° 7	17°11	13°15	S 11
M12	7 27 28	21°29'49	19°22	18°27	23°37	17°58	15°38	7°28	20°47	18°10	19°51	21°41	23° 4	17°17	13°12	M12
T 13	7 31 24	22°30'53	2♈28	17° 8	23°44	18°44	15°49	7°24	20°49	18°11	19°50	21°42	23° 1	17°24	13° 8	T 13
W14	7 35 21	23°31'57	15°10	15°55	23°49	19°31	16° 1	7°19	20°52	18°11	19°49	21°44	22°58	17°31	13° 4	W14
T 15	7 39 17	24°33'02	27°34	14°49	23°R51	20°18	16°13	7°15	20°54	18°12	19°47	21°R44	22°55	17°38	13° 0	T 15
F 16	7 43 14	25°34'06	9♉42	13°52	23°51	21° 5	16°25	7°10	20°56	18°12	19°46	21°43	22°51	17°44	12°57	F 16
S 17	7 47 10	26°35'10	21°41	13° 5	23°49	21°52	16°36	7° 5	20°58	18°13	19°45	21°41	22°48	17°51	12°53	S 17
S 18	7 51 7	27°36'15	3♊34	12°29	23°44	22°39	16°48	7° 1	21° 1	18°14	19°44	21°37	22°45	17°58	12°49	S 18
M19	7 55 3	28°37'19	15°25	12° 3	23°36	23°27	16°59	6°57	21° 3	18°14	19°42	21°34	22°42	18° 4	12°46	M19
T 20	7 59 0	29°38'23	27°17	11°47	23°26	24°14	17°11	6°52	21° 6	18°15	19°41	21°30	22°39	18°11	12°42	T 20
W21	8 2 57	0♒39'28	9♋13	11°D41	23°13	25° 1	17°22	6°48	21° 8	18°16	19°40	21°26	22°36	18°18	12°39	W21
T 22	8 6 53	1°40'32	21°16	11°44	22°58	25°48	17°33	6°44	21°10	18°17	19°39	21°23	22°32	18°25	12°35	T 22
F 23	8 10 50	2°41'37	3♌27	11°56	22°41	26°35	17°44	6°39	21°13	18°18	19°37	21°21	22°29	18°31	12°32	F 23
S 24	8 14 46	3°42'41	15°47	12°15	22°21	27°22	17°55	6°35	21°16	18°19	19°36	21°D20	22°26	18°38	12°28	S 24
S 25	8 18 43	4°43'45	28°18	12°42	21°59	28° 9	18° 6	6°31	21°18	18°19	19°35	21°20	22°23	18°45	12°25	S 25
M26	8 22 39	5°44'49	11♍ 0	13°15	21°34	28°57	18°17	6°27	21°21	18°20	19°34	21°21	22°20	18°51	12°22	M26
T 27	8 26 36	6°45'54	23°55	13°54	21° 8	29°44	18°28	6°23	21°23	18°21	19°32	21°22	22°16	18°58	12°18	T 27
W28	8 30 32	7°46'58	7♎ 4	14°38	20°40	0♓31	18°39	6°20	21°26	18°22	19°31	21°23	22°13	19° 5	12°15	W28
T 29	8 34 29	8°48'03	20°29	15°27	20° 9	1°18	18°50	6°16	21°29	18°23	19°30	21°24	22°10	19°12	12°12	T 29
F 30	8 38 26	9°49'07	4♏10	16°19	19°38	2° 6	19° 0	6°12	21°32	18°24	19°28	21°R25	22° 7	19°18	12° 8	F 30
S 31	8 42 22	10♒50'12	18♏ 7	17♑16	19♒ 4	2♓53	19♐11	6♋ 8	21♓34	18♈25	19♌27	21♒25	22♒ 4	19♊25	12♋ 5	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s53	7s34	3s51	21s 0	0s35	15s32	0s51	18s56	1s11	21s32	0n44	21n51	1s11	4s29	0s46	5n48	1s22	18n29	3n58	14s 2	13s33	27n18	15n13	7s24
F 2	22 49	13 27	4 34	20 44	0 18	15 14	0 42	18 43	1 11	21 33	0 44	21 51	1 11	4 28	0 46	5 48	1 22	18 29	3 58	14 2	13 34	27 18	15 13	7 24
S 3	22 43	18 50	5 1	20 30	0 1	14 56	0 32	18 31	1 11	21 35	0 44	21 52	1 10	4 27	0 46	5 48	1 22	18 29	3 59	14 3	13 35	27 19	15 13	7 24
S 4	22 37	23 17	5 10	20 17	0n18	14 38	0 22	18 18	1 11	21 36	0 44	21 52	1 10	4 27	0 46	5 48	1 22	18 30	3 59	14 4	13 36	27 19	15 14	7 24
M 5	22 31	26 19	4 59	20 5	0 37	14 20	0 11	18 4	1 11	21 38	0 44	21 53	1 10	4 26	0 46	5 48	1 22	18 30	3 59	14 6	13 37	27 19	15 14	7 24
T 6	22 24	27 32	4 28	19 54	0 57	14 3	0 0	17 51	1 10	21 39	0 44	21 53	1 10	4 25	0 46	5 48	1 22	18 31	3 59	14 8	13 38	27 20	15 14	7 24
W 7	22 17	26 41	3 37	19 46	1 16	13 46	0n11	17 38	1 10	21 40	0 44	21 53	1 10	4 24	0 46	5 48	1 22	18 31	3 59	14 10	13 39	27 20	15 14	7 24
T 8	22 10	23 54	2 32	19 38	1 36	13 29	0 23	17 24	1 10	21 42	0 44	21 54	1 10	4 23	0 46	5 49	1 22	18 32	3 59	14 11	13 40	27 20	15 15	7 24
F 9	22 2	19 33	1 17	19 32	1 54	13 12	0 35	17 10	1 10	21 43	0 44	21 54	1 10	4 23	0 46	5 49	1 22	18 32	3 59	14 12	13 41	27 21	15 15	7 24
S 10	21 53	14 8	0n 1	19 28	2 11	12 56	0 47	16 56	1 10	21 44	0 44	21 55	1 10	4 22	0 46	5 49	1 22	18 33	4 0	14 12	13 42	27 21	15 16	7 24
S 11	21 44	8 7	1 17	19 25	2 27	12 40	1 0	16 42	1 9	21 46	0 44	21 55	1 9	4 21	0 46	5 49	1 22	18 33	4 0	14 12	13 44	27 21	15 16	7 24
M12	21 35	1 57	2 26	19 23	2 40	12 25	1 13	16 27	1 9	21 47	0 44	21 55	1 9	4 20	0 46	5 49	1 22	18 34	4 0	14 11	13 45	27 22	15 16	7 24
T 13	21 25	4n 7	3 25	19 22	2 51	12 10	1 27	16 12	1 9	21 48	0 44	21 56	1 9	4 19	0 46	5 50	1 22	18 34	4 0	14 11	13 46	27 22	15 17	7 24
W14	21 15	9 49	4 12	19 23	2 59	11 55	1 40	15 58	1 9	21 49	0 44	21 56	1 9	4 18	0 46	5 50	1 22	18 35	4 0	14 11	13 47	27 22	15 17	7 24
T 15	21 5	15 0	4 46	19 24	3 5	11 41	1 54	15 43	1 9	21 51	0 44	21 57	1 9	4 17	0 46	5 50	1 22	18 35	4 0	14 10	13 48	27 22	15 17	7 24
F 16	20 54	19 29	5 7	19 26	3 9	11 28	2 9	15 28	1 8	21 52	0 44	21 57	1 9	4 17	0 46	5 50	1 21	18 36	4 0	14 11	13 49	27 23	15 18	7 24
S 17	20 42	23 7	5 14	19 30	3 10	11 15	2 23	15 12	1 8	21 53	0 45	21 57	1 9	4 16	0 46	5 51	1 21	18 36	4 0	14 11	13 50	27 23	15 18	7 24
S 18	20 31	25 45	5 7	19 34	3 9	11 2	2 38	14 57	1 8	21 54	0 45	21 58	1 9	4 15	0 46	5 51	1 21	18 37	4 0	14 12	13 51	27 23	15 19	7 24
M19	20 18	27 15	4 47	19 39	3 7	10 50	2 53	14 41	1 8	21 55	0 45	21 58	1 8	4 14	0 46	5 51	1 21	18 37	4 1	14 14	13 52	27 23	15 19	7 24
T 20	20 6	27 31	4 15	19 44	3 2	10 39	3 8	14 25	1 7	21 56	0 45	21 59	1 8	4 13	0 46	5 52	1 21	18 38	4 1	14 15	13 53	27 24	15 20	7 23
W21	19 53	26 29	3 32	19 50	2 57	10 29	3 24	14 9	1 7	21 57	0 45	21 59	1 8	4 12	0 46	5 52	1 21	18 38	4 1	14 16	13 54	27 24	15 20	7 23
T 22	19 40	24 13	2 38	19 57	2 50	10 19	3 39	13 53	1 7	21 58	0 45	21 59	1 8	4 11	0 46	5 52	1 21	18 39	4 1	14 17	13 55	27 24	15 20	7 23
F 23	19 26	20 50	1 37	20 3	2 43	10 10	3 55	13 37	1 7	21 59	0 45	22 0	1 8	4 10	0 46	5 53	1 21	18 39	4 1	14 18	13 56	27 24	15 21	7 23
S 24	19 12	16 29	0 31	20 9	2 35	10 2	4 10	13 21	1 6	22 0	0 45	22 0	1 8	4 9	0 46	5 53	1 21	18 40	4 1	14 18	13 57	27 24	15 21	7 23
S 25	18 58	11 23	0s38	20 15	2 26	9 54	4 25	13 4	1 6	22 1	0 45	22 0	1 7	4 8	0 46	5 53	1 21	18 40	4 1	14 18	13 58	27 25	15 22	7 23
M26	18 43	5 45	1 47	20 21	2 17	9 47	4 41	12 48	1 6	22 2	0 45	22 1	1 7	4 7	0 46	5 54	1 21	18 41	4 1	14 18	13 59	27 25	15 22	7 23
T 27	18 28	0s13	2 51	20 27	2 8	9 41	4 56	12 31	1 5	22 3	0 45	22 1	1 7	4 6	0 46	5 54	1 21	18 41	4 1	14 17	14 0	27 25	15 23	7 22
W28	18 12	6 16	3 47	20 32	1 58	9 36	5 10	12 14	1 5	22 4	0 45	22 1	1 7	4 4	0 46	5 54	1 21	18 42	4 1	14 17	14 1	27 25	15 23	7 22
T 29	17 57	12 9	4 32	20 36	1 49	9 32	5 25	11 57	1 5	22 5	0 45	22 2	1 7	4 3	0 46	5 55	1 21	18 42	4 2	14 17	14 2	27 25	15 24	7 22
F 30	17 41	17 34	5 3	20 40	1 39	9 28	5 39	11 40	1 4	22 6	0 45	22 2	1 7	4 2	0 46	5 55	1 21	18 43	4 2	14 17	14 3	27 26	15 24	7 22
S 31	17s24	22s11	5s16	20s43	1n29	9s25	5n53	11s23	1s 4	22s 6	0n45	22n 2	1s 6	4s 1	0s46	5n56	1s21	18n43	4n 2	14s17	14s 4	27n26	15n25	7s21

Julian Day Number = 2882896.5, Delta T = 01h16m15s
Ecliptic obliquity = 23°17'18, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°16'47, Lahiri = 40°23'47

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ASTRODIENST EPHEMERIS for the year 3181
geocentric

FEBRUARY 3181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 46 19	11♒51'17	2♐21	18♉16	18°R30	3♓40	19♐21	6°R 5	21♓37	18♈27	19°R26	21°R24	22♒ 1	19♊32	12°R 2	S 1
M 2	8 50 15	12°52'22	16°48	19°19	17♒55	4°28	19°31	6♋ 1	21°40	18°28	19♏24	21♒23	21°57	19°38	11♋59	M 2
T 3	8 54 12	13°53'27	1♉26	20°24	17°18	5°15	19°42	5°58	21°43	18°29	19°23	21°23	21°54	19°45	11°56	T 3
W 4	8 58 8	14°54'32	16° 8	21°32	16°42	6° 3	19°52	5°55	21°46	18°30	19°22	21°22	21°51	19°52	11°53	W 4
T 5	9 2 5	15°55'36	0♒48	22°42	16° 5	6°50	20° 2	5°52	21°49	18°31	19°20	21°21	21°48	19°58	11°50	T 5
F 6	9 6 2	16°56'40	15°20	23°54	15°28	7°37	20°12	5°49	21°52	18°33	19°19	21°D21	21°45	20° 5	11°47	F 6
S 7	9 9 58	17°57'43	29°37	25° 8	14°52	8°25	20°22	5°46	21°55	18°34	19°18	21°21	21°42	20°12	11°44	S 7
S 8	9 13 55	18°58'46	13♓34	26°23	14°16	9°12	20°31	5°43	21°58	18°35	19°16	21°21	21°38	20°19	11°42	S 8
M 9	9 17 51	19°59'48	27° 8	27°40	13°41	10° 0	20°41	5°40	22° 1	18°37	19°15	21°21	21°35	20°25	11°39	M 9
T 10	9 21 48	21° 0'49	10♈19	28°59	13° 6	10°47	20°50	5°37	22° 4	18°38	19°14	21°R21	21°32	20°32	11°36	T 10
W11	9 25 44	22° 1'50	23° 7	0♒18	12°33	11°34	21° 0	5°34	22° 7	18°40	19°12	21°21	21°29	20°39	11°34	W11
T 12	9 29 41	23° 2'49	5♉36	1°39	12° 2	12°22	21° 9	5°32	22°10	18°41	19°11	21°21	21°26	20°45	11°31	T 12
F 13	9 33 37	24° 3'48	17°48	3° 1	11°32	13° 9	21°18	5°29	22°13	18°42	19° 9	21°21	21°22	20°52	11°29	F 13
S 14	9 37 34	25° 4'46	29°48	4°24	11° 3	13°57	21°27	5°27	22°16	18°44	19° 8	21°D21	21°19	20°59	11°26	S 14
S 15	9 41 31	26° 5'42	11♊42	5°48	10°37	14°44	21°36	5°25	22°20	18°45	19° 7	21°21	21°16	21° 6	11°24	S 15
M16	9 45 27	27° 6'38	23°33	7°13	10°13	15°32	21°45	5°23	22°23	18°47	19° 5	21°22	21°13	21°12	11°22	M16
T 17	9 49 24	28° 7'32	5♋26	8°39	9°51	16°19	21°54	5°21	22°26	18°49	19° 4	21°22	21°10	21°19	11°19	T 17
W18	9 53 20	29° 8'26	17°25	10° 6	9°31	17° 7	22° 2	5°19	22°29	18°50	19° 3	21°23	21° 7	21°26	11°17	W18
T 19	9 57 17	0♓ 9'18	29°34	11°33	9°13	17°54	22°11	5°17	22°32	18°52	19° 1	21°24	21° 3	21°32	11°15	T 19
F 20	10 1 13	1°10'09	11♌55	13° 1	8°58	18°42	22°19	5°15	22°36	18°54	19° 0	21°25	21° 0	21°39	11°13	F 20
S 21	10 5 10	2°10'59	24°30	14°31	8°46	19°29	22°27	5°14	22°39	18°55	18°59	21°R25	20°57	21°46	11°11	S 21
S 22	10 9 6	3°11'48	7♍20	16° 1	8°36	20°17	22°35	5°12	22°42	18°57	18°57	21°24	20°54	21°52	11° 9	S 22
M23	10 13 3	4°12'36	20°26	17°31	8°28	21° 4	22°43	5°11	22°46	18°59	18°56	21°23	20°51	21°59	11° 8	M23
T 24	10 16 59	5°13'23	3♎46	19° 3	8°23	21°51	22°51	5°10	22°49	19° 0	18°55	21°22	20°47	22° 6	11° 6	T 24
W25	10 20 56	6°14'09	17°19	20°35	8°21	22°39	22°59	5° 8	22°52	19° 2	18°54	21°20	20°44	22°13	11° 4	W25
T 26	10 24 53	7°14'55	1♏ 3	22° 9	8°D21	23°26	23° 6	5° 7	22°56	19° 4	18°52	21°17	20°41	22°19	11° 3	T 26
F 27	10 28 49	8°15'39	14°57	23°43	8°23	24°14	23°13	5° 6	22°59	19° 6	18°51	21°16	20°38	22°26	11° 1	F 27
S 28	10 32 46	9♓16'22	28♏59	25♒17	8♒28	25♓ 1	23♐21	5♋ 6	23♓ 2	19♈ 8	18♏50	21♒14	20♒35	22♊33	11♋ 0	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s 8	25s35	5s11	20s45	1n19	9s23	6n 6	11s 5	1s 4	22s 7	0n45	22n 3	1s 6	4s 0	0s45	5n56	1s21	18n44	4n 2	14s17	14s 5	27n26	15n25	7s21
M 2	16 51	27 23	4 46	20 46	1 9	9 21	6 18	10 48	1 3	22 8	0 45	22 3	1 6	3 59	0 45	5 57	1 21	18 44	4 2	14 17	14 6	27 26	15 26	7 21
T 3	16 33	27 20	4 3	20 46	1 0	9 21	6 30	10 30	1 3	22 9	0 45	22 3	1 6	3 58	0 45	5 57	1 21	18 45	4 2	14 17	14 7	27 26	15 26	7 21
W 4	16 16	25 21	3 3	20 45	0 50	9 21	6 41	10 13	1 3	22 9	0 45	22 4	1 6	3 57	0 45	5 58	1 21	18 45	4 2	14 18	14 8	27 26	15 27	7 20
T 5	15 58	21 40	1 52	20 43	0 41	9 21	6 52	9 55	1 2	22 10	0 45	22 4	1 6	3 55	0 45	5 58	1 21	18 46	4 2	14 18	14 9	27 26	15 27	7 20
F 6	15 40	16 40	0 33	20 40	0 32	9 22	7 1	9 37	1 2	22 11	0 45	22 4	1 5	3 54	0 45	5 59	1 21	18 46	4 2	14 18	14 10	27 26	15 28	7 20
S 7	15 21	10 49	0n46	20 36	0 23	9 24	7 10	9 19	1 2	22 12	0 45	22 5	1 5	3 53	0 45	5 59	1 21	18 47	4 2	14 18	14 11	27 26	15 29	7 19
S 8	15 2	4 34	2 0	20 31	0 14	9 27	7 18	9 1	1 1	22 12	0 45	22 5	1 5	3 52	0 45	6 0	1 21	18 47	4 2	14 18	14 12	27 27	15 29	7 19
M 9	14 43	1n43	3 6	20 25	0 5	9 30	7 25	8 43	1 1	22 13	0 45	22 5	1 5	3 51	0 45	6 0	1 21	18 48	4 2	14 18	14 13	27 27	15 30	7 19
T 10	14 24	7 44	4 0	20 17	0s 3	9 33	7 31	8 25	1 1	22 13	0 45	22 6	1 5	3 49	0 45	6 1	1 21	18 48	4 3	14 18	14 14	27 27	15 30	7 18
W11	14 5	13 16	4 40	20 9	0 12	9 37	7 37	8 6	1 0	22 14	0 45	22 6	1 4	3 48	0 45	6 1	1 21	18 49	4 3	14 18	14 15	27 27	15 31	7 18
T 12	13 45	18 6	5 5	19 59	0 20	9 41	7 41	7 48	1 0	22 15	0 45	22 6	1 4	3 47	0 45	6 2	1 20	18 49	4 3	14 18	14 16	27 27	15 31	7 18
F 13	13 25	22 6	5 17	19 49	0 28	9 46	7 45	7 30	0 59	22 15	0 45	22 6	1 4	3 46	0 45	6 3	1 20	18 50	4 3	14 18	14 17	27 27	15 32	7 17
S 14	13 5	25 5	5 14	19 37	0 35	9 50	7 47	7 11	0 59	22 16	0 45	22 7	1 4	3 44	0 45	6 3	1 20	18 50	4 3	14 18	14 18	27 27	15 32	7 17
S 15	12 44	26 58	4 58	19 23	0 43	9 56	7 49	6 52	0 59	22 16	0 45	22 7	1 4	3 43	0 45	6 4	1 20	18 51	4 3	14 18	14 19	27 27	15 33	7 17
M16	12 24	27 36	4 29	19 9	0 50	10 1	7 50	6 34	0 58	22 17	0 45	22 7	1 4	3 42	0 45	6 4	1 20	18 51	4 3	14 18	14 20	27 27	15 34	7 16
T 17	12 3	26 59	3 48	18 54	0 56	10 6	7 50	6 15	0 58	22 17	0 45	22 8	1 3	3 41	0 45	6 5	1 20	18 52	4 3	14 17	14 21	27 27	15 34	7 16
W18	11 42	25 6	2 58	18 37	1 3	10 12	7 50	5 56	0 57	22 18	0 45	22 8	1 3	3 39	0 45	6 6	1 20	18 52	4 3	14 17	14 22	27 27	15 35	7 16
T 19	11 21	22 2	1 58	18 19	1 9	10 17	7 49	5 38	0 57	22 18	0 45	22 8	1 3	3 38	0 45	6 6	1 20	18 52	4 3	14 17	14 23	27 27	15 35	7 15
F 20	10 59	17 57	0 52	18 0	1 15	10 23	7 47	5 19	0 56	22 19	0 46	22 8	1 3	3 37	0 45	6 7	1 20	18 53	4 3	14 17	14 24	27 27	15 36	7 15
S 21	10 38	13 0	0s17	17 40	1 21	10 29	7 44	5 0	0 56	22 19	0 46	22 9	1 3	3 35	0 45	6 8	1 20	18 53	4 3	14 17	14 25	27 27	15 36	7 14
S 22	10 16	7 25	1 27	17 19	1 26	10 34	7 41	4 41	0 55	22 19	0 46	22 9	1 2	3 34	0 45	6 8	1 20	18 54	4 3	14 17	14 26	27 27	15 37	7 14
M23	9 54	1 25	2 34	16 56	1 32	10 40	7 37	4 22	0 55	22 20	0 46	22 9	1 2	3 33	0 45	6 9	1 20	18 54	4 3	14 17	14 27	27 27	15 37	7 13
T 24	9 32	4s45	3 33	16 33	1 36	10 45	7 33	4 3	0 55	22 20	0 46	22 9	1 2	3 31	0 45	6 10	1 20	18 55	4 3	14 18	14 28	27 27	15 38	7 13
W25	9 10	10 47	4 22	16 8	1 41	10 50	7 28	3 44	0 54	22 21	0 46	22 10	1 2	3 30	0 45	6 10	1 20	18 55	4 3	14 18	14 29	27 27	15 39	7 13
T 26	8 48	16 24	4 56	15 42	1 45	10 55	7 23	3 25	0 54	22 21	0 46	22 10	1 2	3 29	0 45	6 11	1 20	18 56	4 3	14 19	14 30	27 27	15 39	7 12
F 27	8 25	21 13	5 14	15 15	1 49	11 0	7 18	3 6	0 53	22 21	0 46	22 10	1 1	3 28	0 45	6 12	1 20	18 56	4 3	14 19	14 31	27 27	15 40	7 12
S 28	8s 3	24s53	5s13	14s47	1s53	11s 5	7n12	2s46	0s53	22s21	0n46	22n10	1s 1	3s26	0s45	6n12	1s20	18n56	4n 3	14s20	14s32	27n27	15n40	7s11

Julian Day Number = 2882927.5, Delta T = 01h16m15s
Ecliptic obliquity = 23°17'19, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°16'51, Lahiri = 40°23'51

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ASTRODIENST EPHEMERIS for the year 3181
geocentric

MARCH 3181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 36 42	10♓17'05	13♐ 7	26♒53	8♒35	25♓49	23♐28	5°R 5	23♓ 6	19♈ 9	18°R49	21°D14	20♒32	22♊39	10°R59	S 1
M 2	10 40 39	11°17'47	27°20	28°29	8°44	26°36	23°35	5♋ 4	23° 9	19°11	18♌47	21♒15	20°28	22°46	10♋57	M 2
T 3	10 44 35	12°18'28	11♑34	0♓ 6	8°55	27°23	23°42	5° 4	23°13	19°13	18°46	21°16	20°25	22°53	10°56	T 3
W 4	10 48 32	13°19'07	25°48	1°44	9° 9	28°11	23°48	5° 3	23°16	19°15	18°45	21°18	20°22	22°59	10°55	W 4
T 5	10 52 29	14°19'46	9♒58	3°23	9°25	28°58	23°55	5° 3	23°19	19°17	18°44	21°19	20°19	23° 6	10°54	T 5
F 6	10 56 25	15°20'23	24° 2	5° 3	9°43	29°45	24° 1	5° 3	23°23	19°19	18°42	21°R19	20°16	23°13	10°53	F 6
S 7	11 0 22	16°20'59	7♓56	6°44	10° 2	0♈33	24° 8	5°D 3	23°26	19°21	18°41	21°18	20°13	23°20	10°52	S 7
S 8	11 4 18	17°21'34	21°36	8°25	10°24	1°20	24°14	5° 3	23°30	19°23	18°40	21°16	20° 9	23°26	10°51	S 8
M 9	11 8 15	18°22'07	4♈59	10° 7	10°47	2° 7	24°20	5° 3	23°33	19°25	18°39	21°12	20° 6	23°33	10°51	M 9
T 10	11 12 11	19°22'39	18° 5	11°51	11°13	2°55	24°25	5° 3	23°37	19°27	18°38	21° 8	20° 3	23°40	10°50	T 10
W11	11 16 8	20°23'09	0♉52	13°35	11°40	3°42	24°31	5° 4	23°40	19°29	18°37	21° 3	20° 0	23°46	10°50	W11
T 12	11 20 4	21°23'38	13°22	15°20	12° 8	4°29	24°36	5° 4	23°43	19°31	18°36	20°58	19°57	23°53	10°49	T 12
F 13	11 24 1	22°24'04	25°36	17° 6	12°38	5°17	24°42	5° 5	23°47	19°33	18°34	20°54	19°53	24° 0	10°49	F 13
S 14	11 27 57	23°24'29	7♊38	18°53	13°10	6° 4	24°47	5° 6	23°50	19°35	18°33	20°51	19°50	24° 6	10°48	S 14
S 15	11 31 54	24°24'53	19°32	20°41	13°43	6°51	24°52	5° 7	23°54	19°37	18°32	20°D50	19°47	24°13	10°48	S 15
M16	11 35 51	25°25'14	1♋22	22°30	14°17	7°38	24°57	5° 8	23°57	19°39	18°31	20°50	19°44	24°20	10°48	M16
T 17	11 39 47	26°25'33	13°15	24°20	14°53	8°25	25° 1	5° 9	24° 1	19°41	18°30	20°51	19°41	24°27	10°D48	T 17
W18	11 43 44	27°25'51	25°15	26°11	15°30	9°13	25° 6	5°10	24° 4	19°44	18°29	20°53	19°38	24°33	10°48	W18
T 19	11 47 40	28°26'07	7♌26	28° 3	16° 8	10° 0	25°10	5°11	24° 8	19°46	18°28	20°54	19°34	24°40	10°48	T 19
F 20	11 51 37	29°26'21	19°53	29°55	16°48	10°47	25°14	5°13	24°11	19°48	18°27	20°R55	19°31	24°47	10°48	F 20
S 21	11 55 33	0♈26'32	2♍39	1♈49	17°28	11°34	25°18	5°14	24°15	19°50	18°26	20°54	19°28	24°53	10°49	S 21
S 22	11 59 30	1°26'42	15°45	3°43	18°10	12°21	25°22	5°16	24°18	19°52	18°25	20°52	19°25	25° 0	10°49	S 22
M23	12 3 26	2°26'51	29°12	5°38	18°53	13° 8	25°26	5°18	24°21	19°54	18°24	20°47	19°22	25° 7	10°49	M23
T 24	12 7 23	3°26'57	12♎59	7°34	19°37	13°55	25°29	5°19	24°25	19°57	18°24	20°41	19°19	25°13	10°50	T 24
W25	12 11 20	4°27'02	27° 1	9°30	20°21	14°42	25°32	5°21	24°28	19°59	18°23	20°34	19°15	25°20	10°51	W25
T 26	12 15 16	5°27'05	11♏14	11°27	21° 7	15°29	25°35	5°23	24°32	20° 1	18°22	20°27	19°12	25°27	10°51	T 26
F 27	12 19 13	6°27'06	25°33	13°24	21°54	16°16	25°38	5°26	24°35	20° 3	18°21	20°20	19° 9	25°34	10°52	F 27
S 28	12 23 9	7°27'06	9♐53	15°20	22°41	17° 2	25°41	5°28	24°38	20° 6	18°20	20°15	19° 6	25°40	10°53	S 28
S 29	12 27 6	8°27'05	24°10	17°17	23°30	17°49	25°44	5°30	24°42	20° 8	18°19	20°12	19° 3	25°47	10°54	S 29
M30	12 31 2	9°27'02	8♑20	19°13	24°19	18°36	25°46	5°33	24°45	20°10	18°19	20°D11	18°59	25°54	10°55	M30
T 31	12 34 59	10♈26'58	22♑24	21♈ 9	25♒ 9	19♈23	25♐48	5♋35	24♓49	20♈12	18♌18	20♒12	18♒56	26♊ 0	10♋56	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s40	27s 4	4s53	14s18	1s56	11s 9	7n 5	2s27	0s52	22s22	0n46	22n11	1s 1	3s25	0s45	6n13	1s20	18n57	4n 3	14s20	14s33	27n26	15n41	7s11
M 2	7 17	27 31	4 15	13 47	1 59	11 13	6 59	2 8	0 52	22 22	0 46	22 11	1 1	3 23	0 45	6 14	1 20	18 57	4 4	14 20	14 34	27 26	15 41	7 10
T 3	6 54	26 8	3 22	13 16	2 2	11 16	6 52	1 49	0 51	22 22	0 46	22 11	1 1	3 22	0 45	6 15	1 20	18 58	4 4	14 19	14 35	27 26	15 42	7 10
W 4	6 31	23 5	2 16	12 43	2 4	11 20	6 45	1 30	0 51	22 23	0 46	22 11	1 0	3 21	0 45	6 15	1 20	18 58	4 4	14 19	14 36	27 26	15 43	7 9
T 5	6 8	18 38	1 2	12 9	2 6	11 23	6 38	1 11	0 50	22 23	0 46	22 11	1 0	3 19	0 45	6 16	1 20	18 59	4 4	14 18	14 37	27 26	15 43	7 9
F 6	5 45	13 11	0n15	11 34	2 7	11 25	6 31	0 51	0 50	22 23	0 46	22 12	1 0	3 18	0 45	6 17	1 20	18 59	4 4	14 18	14 38	27 26	15 44	7 8
S 7	5 21	7 9	1 30	10 58	2 8	11 28	6 23	0 32	0 49	22 23	0 46	22 12	1 0	3 17	0 45	6 18	1 20	18 59	4 4	14 19	14 39	27 26	15 44	7 8
S 8	4 58	0 53	2 39	10 21	2 9	11 30	6 15	0 13	0 49	22 23	0 46	22 12	1 0	3 15	0 45	6 18	1 20	19 0	4 4	14 19	14 40	27 26	15 45	7 7
M 9	4 34	5n18	3 37	9 43	2 9	11 31	6 7	0n 6	0 48	22 24	0 46	22 12	0 59	3 14	0 45	6 19	1 20	19 0	4 4	14 21	14 41	27 25	15 45	7 7
T 10	4 11	11 6	4 22	9 4	2 9	11 32	5 59	0 25	0 47	22 24	0 46	22 12	0 59	3 13	0 45	6 20	1 20	19 0	4 4	14 22	14 42	27 25	15 46	7 6
W11	3 47	16 17	4 53	8 24	2 8	11 33	5 51	0 45	0 47	22 24	0 47	22 13	0 59	3 11	0 45	6 21	1 20	19 1	4 4	14 24	14 43	27 25	15 46	7 6
T 12	3 23	20 40	5 10	7 42	2 7	11 33	5 43	1 4	0 46	22 24	0 47	22 13	0 59	3 10	0 45	6 21	1 20	19 1	4 4	14 25	14 44	27 25	15 47	7 5
F 13	3 0	24 5	5 11	7 0	2 6	11 33	5 35	1 23	0 46	22 24	0 47	22 13	0 59	3 9	0 45	6 22	1 20	19 2	4 4	14 26	14 45	27 25	15 47	7 5
S 14	2 36	26 22	4 59	6 16	2 4	11 32	5 27	1 42	0 45	22 24	0 47	22 13	0 58	3 7	0 45	6 23	1 20	19 2	4 4	14 27	14 46	27 25	15 48	7 4
S 15	2 12	27 26	4 34	5 32	2 1	11 31	5 18	2 1	0 45	22 25	0 47	22 13	0 58	3 6	0 45	6 24	1 20	19 2	4 4	14 28	14 47	27 24	15 48	7 4
M16	1 49	27 15	3 58	4 46	1 59	11 29	5 10	2 20	0 44	22 25	0 47	22 13	0 58	3 4	0 45	6 25	1 20	19 3	4 4	14 28	14 48	27 24	15 49	7 3
T 17	1 25	25 48	3 11	4 0	1 55	11 27	5 2	2 39	0 44	22 25	0 47	22 14	0 58	3 3	0 45	6 25	1 20	19 3	4 4	14 27	14 49	27 24	15 50	7 3
W18	1 1	23 10	2 15	3 13	1 51	11 25	4 53	2 58	0 43	22 25	0 47	22 14	0 58	3 2	0 45	6 26	1 20	19 3	4 4	14 27	14 50	27 24	15 50	7 2
T 19	0 37	19 28	1 13	2 25	1 47	11 22	4 45	3 17	0 43	22 25	0 47	22 14	0 57	3 0	0 45	6 27	1 20	19 4	4 4	14 26	14 51	27 24	15 51	7 2
F 20	0 13	14 51	0 6	1 35	1 42	11 18	4 36	3 36	0 42	22 25	0 47	22 14	0 57	2 59	0 45	6 28	1 20	19 4	4 4	14 26	14 52	27 23	15 51	7 1
S 21	0n10	9 29	1s 3	0 46	1 36	11 14	4 28	3 55	0 41	22 25	0 47	22 14	0 57	2 58	0 45	6 29	1 20	19 4	4 4	14 26	14 53	27 23	15 51	7 1
S 22	0 34	3 34	2 11	0n 5	1 30	11 10	4 20	4 13	0 41	22 25	0 47	22 14	0 57	2 56	0 45	6 30	1 20	19 4	4 4	14 27	14 54	27 23	15 52	7 0
M23	0 58	2s38	3 12	0 57	1 24	11 5	4 11	4 32	0 40	22 25	0 47	22 14	0 57	2 55	0 45	6 30	1 20	19 5	4 4	14 28	14 55	27 23	15 52	7 0
T 24	1 22	8 51	4 4	1 49	1 17	11 0	4 3	4 51	0 40	22 25	0 47	22 15	0 56	2 54	0 45	6 31	1 20	19 5	4 4	14 30	14 56	27 22	15 53	6 59
W25	1 45	14 44	4 43	2 41	1 9	10 54	3 55	5 9	0 39	22 25	0 47	22 15	0 56	2 52	0 45	6 32	1 20	19 5	4 4	14 33	14 57	27 22	15 53	6 59
T 26	2 9	19 55	5 4	3 34	1 1	10 47	3 47	5 28	0 38	22 25	0 47	22 15	0 56	2 51	0 45	6 33	1 20	19 5	4 4	14 35	14 58	27 22	15 54	6 58
F 27	2 33	23 59	5 7	4 27	0 52	10 40	3 38	5 46	0 38	22 26	0 48	22 15	0 56	2 50	0 45	6 34	1 20	19 6	4 4	14 37	14 59	27 21	15 54	6 58
S 28	2 56	26 35	4 50	5 21	0 42	10 33	3 30	6 5	0 37	22 26	0 48	22 15	0 56	2 48	0 45	6 35	1 20	19 6	4 4	14 39	15 0	27 21	15 55	6 57
S 29	3 20	27 25	4 16	6 15	0 33	10 25	3 22	6 23	0 37	22 26	0 48	22 15	0 55	2 47	0 45	6 35	1 20	19 6	4 4	14 40	15 1	27 21	15 55	6 57
M30	3 43	26 27	3 26	7 8	0 22	10 17	3 14	6 41	0 36	22 26	0 48	22 15	0 55	2 46	0 45	6 36	1 20	19 6	4 4	14 40	15 2	27 21	15 56	6 56
T 31	4n 7	23s49	2s24	8n 1	0s11	10s 8	3n 6	7n 0	0s35	22s26	0n48	22n15	0s55	2s44	0s45	6n37	1s20	19n 7	4n 4	14s40	15s 3	27n20	15n56	6s56

Julian Day Number = 2882955.5, Delta T = 01h16m16s
Ecliptic obliquity = 23°17'19, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°16'55, Lahiri = 40°23'55

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ASTRODIENST EPHEMERIS for the year 3181
geocentric

APRIL 3181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 38 55	11♈26'52	6♒19	23♈ 3	25♒59	20♈10	25♐50	5♋38	24♓52	20♈14	18°R17	20♒13	18♒53	26♊ 7	10♋57	W 1
T 2	12 42 52	12°26'44	20° 5	24°56	26°51	20°56	25°52	5°41	24°55	20°17	18♌16	20°R13	18°50	26°14	10°58	T 2
F 3	12 46 49	13°26'35	3♓41	26°47	27°43	21°43	25°54	5°44	24°59	20°19	18°16	20°12	18°47	26°20	11° 0	F 3
S 4	12 50 45	14°26'23	17° 8	28°36	28°36	22°30	25°55	5°47	25° 2	20°21	18°15	20° 9	18°44	26°27	11° 1	S 4
S 5	12 54 42	15°26'11	0♈24	0♉22	29°29	23°16	25°56	5°50	25° 5	20°24	18°14	20° 4	18°40	26°34	11° 2	S 5
M 6	12 58 38	16°25'56	13°28	2° 5	0♓23	24° 3	25°57	5°53	25° 8	20°26	18°14	19°55	18°37	26°40	11° 4	M 6
T 7	13 2 35	17°25'39	26°19	3°44	1°17	24°50	25°58	5°56	25°12	20°28	18°13	19°45	18°34	26°47	11° 6	T 7
W 8	13 6 31	18°25'21	8♉57	5°20	2°13	25°36	25°59	6° 0	25°15	20°30	18°13	19°34	18°31	26°54	11° 7	W 8
T 9	13 10 28	19°25'00	21°20	6°50	3° 8	26°23	26° 0	6° 3	25°18	20°33	18°12	19°23	18°28	27° 1	11° 9	T 9
F 10	13 14 24	20°24'37	3♊31	8°15	4° 4	27° 9	26° 0	6° 7	25°21	20°35	18°11	19°13	18°25	27° 7	11°11	F 10
S 11	13 18 21	21°24'13	15°31	9°35	5° 1	27°56	26°R 0	6°11	25°25	20°37	18°11	19° 5	18°21	27°14	11°13	S 11
S 12	13 22 17	22°23'46	27°24	10°49	5°58	28°42	26° 0	6°14	25°28	20°39	18°10	19° 0	18°18	27°21	11°15	S 12
M13	13 26 14	23°23'17	9♋14	11°57	6°55	29°28	26° 0	6°18	25°31	20°42	18°10	18°56	18°15	27°27	11°17	M13
T 14	13 30 11	24°22'46	21° 5	12°59	7°53	0♉15	25°59	6°22	25°34	20°44	18°10	18°D55	18°12	27°34	11°19	T 14
W15	13 34 7	25°22'12	3♌ 3	13°53	8°52	1° 1	25°59	6°26	25°37	20°46	18° 9	18°55	18° 9	27°41	11°21	W15
T 16	13 38 4	26°21'36	15°13	14°41	9°51	1°47	25°58	6°31	25°40	20°49	18° 9	18°R56	18° 5	27°47	11°24	T 16
F 17	13 42 0	27°20'58	27°40	15°22	10°50	2°33	25°57	6°35	25°43	20°51	18° 8	18°56	18° 2	27°54	11°26	F 17
S 18	13 45 57	28°20'18	10♍29	15°55	11°50	3°19	25°56	6°39	25°46	20°53	18° 8	18°54	17°59	28° 1	11°29	S 18
S 19	13 49 53	29°19'35	23°43	16°21	12°50	4° 5	25°54	6°44	25°49	20°55	18° 8	18°49	17°56	28° 7	11°31	S 19
M20	13 53 50	0♉18'51	7♎23	16°40	13°50	4°52	25°53	6°48	25°52	20°58	18° 8	18°42	17°53	28°14	11°34	M20
T 21	13 57 46	1°18'04	21°29	16°51	14°51	5°38	25°51	6°53	25°55	21° 0	18° 7	18°33	17°50	28°21	11°36	T 21
W22	14 1 43	2°17'15	5♏55	16°R55	15°52	6°24	25°49	6°57	25°58	21° 2	18° 7	18°22	17°46	28°28	11°39	W22
T 23	14 5 40	3°16'25	20°35	16°52	16°53	7° 9	25°47	7° 2	26° 1	21° 4	18° 7	18°11	17°43	28°34	11°42	T 23
F 24	14 9 36	4°15'32	5♐22	16°43	17°55	7°55	25°45	7° 7	26° 4	21° 7	18° 7	18° 1	17°40	28°41	11°45	F 24
S 25	14 13 33	5°14'38	20° 7	16°27	18°57	8°41	25°42	7°12	26° 7	21° 9	18° 7	17°53	17°37	28°48	11°48	S 25
S 26	14 17 29	6°13'42	4♑43	16° 5	19°59	9°27	25°40	7°17	26°10	21°11	18° 6	17°47	17°34	28°54	11°51	S 26
M27	14 21 26	7°12'44	19° 5	15°38	21° 2	10°13	25°37	7°22	26°13	21°13	18° 6	17°44	17°30	29° 1	11°54	M27
T 28	14 25 22	8°11'45	3♒12	15° 6	22° 4	10°58	25°34	7°27	26°16	21°15	18° 6	17°43	17°27	29° 8	11°57	T 28
W29	14 29 19	9°10'44	17° 1	14°30	23° 8	11°44	25°31	7°32	26°18	21°18	18° 6	17°43	17°24	29°14	12° 0	W29
T 30	14 33 15	10♉ 9'41	0♓35	13♉50	24♓11	12♉30	25♐27	7♋37	26♓21	21♈20	18°D 6	17♒43	17♒21	29♊21	12♋ 3	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n30	19s47	1s14	8n54	0s 0	9s59	2n58	7n18	0s35	22s26	0n48	22n15	0s55	2s43	0s45	6n38	1s20	19n 7	4n 4	14s39	15s 4	27n20	15n56	6s55
T 2	4 53	14 43	0 1	9 46	0n11	9 49	2 50	7 36	0 34	22 26	0 48	22 15	0 55	2 42	0 45	6 39	1 20	19 7	4 4	14 39	15 5	27 20	15 57	6 55
F 3	5 16	8 59	1n12	10 38	0 23	9 38	2 43	7 54	0 34	22 26	0 48	22 15	0 55	2 40	0 45	6 40	1 20	19 7	4 4	14 39	15 6	27 19	15 57	6 54
S 4	5 39	2 55	2 19	11 28	0 35	9 28	2 35	8 11	0 33	22 26	0 48	22 16	0 54	2 39	0 45	6 40	1 20	19 7	4 4	14 40	15 7	27 19	15 58	6 54
S 5	6 2	3n11	3 18	12 17	0 48	9 17	2 27	8 29	0 32	22 26	0 48	22 16	0 54	2 38	0 45	6 41	1 20	19 8	4 4	14 42	15 8	27 18	15 58	6 53
M 6	6 25	9 3	4 5	13 4	1 0	9 5	2 20	8 47	0 32	22 25	0 48	22 16	0 54	2 37	0 45	6 42	1 20	19 8	4 4	14 45	15 9	27 18	15 58	6 53
T 7	6 48	14 26	4 39	13 49	1 12	8 53	2 12	9 4	0 31	22 25	0 48	22 16	0 54	2 35	0 45	6 43	1 20	19 8	4 4	14 48	15 10	27 18	15 59	6 52
W 8	7 11	19 6	4 59	14 33	1 25	8 40	2 5	9 22	0 31	22 25	0 48	22 16	0 54	2 34	0 45	6 44	1 20	19 8	4 3	14 51	15 11	27 17	15 59	6 52
T 9	7 33	22 52	5 4	15 14	1 37	8 27	1 58	9 39	0 30	22 25	0 48	22 16	0 53	2 33	0 45	6 45	1 20	19 8	4 3	14 55	15 12	27 17	16 0	6 51
F 10	7 56	25 33	4 55	15 53	1 49	8 14	1 51	9 56	0 29	22 25	0 48	22 16	0 53	2 31	0 45	6 45	1 20	19 8	4 3	14 58	15 13	27 17	16 0	6 51
S 11	8 18	27 1	4 33	16 29	2 0	8 0	1 44	10 13	0 29	22 25	0 48	22 16	0 53	2 30	0 45	6 46	1 20	19 9	4 3	15 0	15 14	27 16	16 0	6 50
S 12	8 40	27 15	3 59	17 3	2 11	7 46	1 37	10 30	0 28	22 25	0 48	22 16	0 53	2 29	0 45	6 47	1 20	19 9	4 3	15 2	15 15	27 16	16 1	6 50
M13	9 2	26 13	3 15	17 34	2 21	7 32	1 30	10 47	0 27	22 25	0 49	22 16	0 53	2 28	0 45	6 48	1 20	19 9	4 3	15 3	15 16	27 15	16 1	6 49
T 14	9 24	24 0	2 23	18 2	2 30	7 17	1 23	11 4	0 27	22 25	0 49	22 16	0 53	2 27	0 45	6 49	1 20	19 9	4 3	15 3	15 17	27 15	16 1	6 49
W15	9 45	20 43	1 24	18 26	2 39	7 1	1 16	11 21	0 26	22 25	0 49	22 16	0 52	2 25	0 45	6 50	1 20	19 9	4 3	15 3	15 18	27 14	16 1	6 48
T 16	10 7	16 29	0 20	18 48	2 47	6 45	1 9	11 37	0 25	22 25	0 49	22 16	0 52	2 24	0 45	6 51	1 20	19 9	4 3	15 3	15 19	27 14	16 2	6 48
F 17	10 28	11 29	0s46	19 6	2 54	6 29	1 3	11 54	0 25	22 25	0 49	22 16	0 52	2 23	0 45	6 51	1 20	19 9	4 3	15 3	15 20	27 14	16 2	6 47
S 18	10 49	5 52	1 52	19 21	2 59	6 13	0 56	12 10	0 24	22 25	0 49	22 16	0 52	2 22	0 45	6 52	1 20	19 9	4 3	15 4	15 21	27 13	16 2	6 47
S 19	11 10	0s11	2 54	19 33	3 3	5 56	0 50	12 26	0 23	22 25	0 49	22 16	0 52	2 21	0 45	6 53	1 20	19 9	4 3	15 5	15 22	27 13	16 3	6 46
M20	11 31	6 24	3 47	19 41	3 7	5 39	0 44	12 42	0 23	22 25	0 49	22 15	0 51	2 19	0 45	6 54	1 20	19 9	4 3	15 7	15 23	27 12	16 3	6 46
T 21	11 51	12 28	4 29	19 46	3 8	5 21	0 38	12 58	0 22	22 25	0 49	22 15	0 51	2 18	0 45	6 55	1 20	19 9	4 3	15 10	15 24	27 12	16 3	6 46
W22	12 12	18 2	4 54	19 48	3 8	5 3	0 32	13 14	0 22	22 24	0 49	22 15	0 51	2 17	0 45	6 56	1 20	19 9	4 3	15 14	15 25	27 11	16 3	6 45
T 23	12 32	22 37	5 1	19 46	3 7	4 45	0 26	13 29	0 21	22 24	0 49	22 15	0 51	2 16	0 45	6 56	1 20	19 10	4 3	15 17	15 26	27 11	16 3	6 45
F 24	12 52	25 47	4 48	19 40	3 4	4 27	0 20	13 45	0 20	22 24	0 49	22 15	0 51	2 15	0 45	6 57	1 20	19 10	4 3	15 20	15 26	27 10	16 4	6 44
S 25	13 11	27 10	4 15	19 32	3 0	4 8	0 14	14 0	0 20	22 24	0 49	22 15	0 51	2 14	0 45	6 58	1 20	19 10	4 3	15 23	15 27	27 10	16 4	6 44
S 26	13 31	26 39	3 27	19 20	2 54	3 49	0 9	14 15	0 19	22 24	0 49	22 15	0 50	2 13	0 45	6 59	1 20	19 10	4 3	15 24	15 28	27 9	16 4	6 43
M27	13 50	24 20	2 25	19 4	2 47	3 29	0 3	14 30	0 18	22 24	0 49	22 15	0 50	2 12	0 45	7 0	1 20	19 10	4 3	15 25	15 29	27 9	16 4	6 43
T 28	14 9	20 33	1 16	18 46	2 38	3 10	0s 2	14 45	0 18	22 24	0 49	22 15	0 50	2 10	0 45	7 0	1 20	19 10	4 3	15 26	15 30	27 8	16 4	6 42
W29	14 28	15 42	0 4	18 26	2 27	2 50	0 8	14 59	0 17	22 24	0 49	22 15	0 50	2 9	0 45	7 1	1 20	19 10	4 3	15 26	15 31	27 7	16 5	6 42
T 30	14n46	10s 9	1n 7	18n 3	2n15	2s29	0s13	15n14	0s16	22s23	0n49	22n14	0s50	2s 8	0s46	7n 2	1s20	19n 9	4n 3	15s26	15s32	27n 7	16n 5	6s42

Julian Day Number = 2882986.5, Delta T = 01h16m17s
Ecliptic obliquity = 23°17'19, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°16'59, Lahiri = 40°24'00

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ASTRODIENST EPHEMERIS for the year 3181
geocentric

MAY 3181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 37 12	11♉ 8'37	13♓54	13°R 8	25♓15	13♉15	25°R24	7♋43	26♓24	21♈22	18♌ 6	17°R41	17♒18	29♊28	12♋ 7	F 1
S 2	14 41 9	12° 7'31	27° 0	12♉25	26°19	14° 1	25♐20	7°48	26°26	21°24	18° 6	17♒36	17°15	29°34	12°10	S 2
S 3	14 45 5	13° 6'23	9♈55	11°40	27°23	14°46	25°16	7°54	26°29	21°26	18° 6	17°29	17°11	29°41	12°14	S 3
M 4	14 49 2	14° 5'13	22°38	10°56	28°27	15°32	25°12	7°59	26°32	21°28	18° 6	17°18	17° 8	29°48	12°17	M 4
T 5	14 52 58	15° 4'01	5♉11	10°12	29°32	16°17	25° 8	8° 5	26°34	21°31	18° 6	17° 6	17° 5	29°54	12°21	T 5
W 6	14 56 55	16° 2'48	17°34	9°30	0♈36	17° 3	25° 4	8°11	26°37	21°33	18° 7	16°52	17° 2	0♋ 1	12°24	W 6
T 7	15 0 51	17° 1'33	29°47	8°50	1°41	17°48	24°59	8°17	26°39	21°35	18° 7	16°38	16°59	0° 8	12°28	T 7
F 8	15 4 48	18° 0'16	11♊50	8°14	2°46	18°33	24°55	8°22	26°42	21°37	18° 7	16°25	16°56	0°15	12°32	F 8
S 9	15 8 44	18°58'57	23°46	7°40	3°52	19°18	24°50	8°28	26°44	21°39	18° 7	16°14	16°52	0°21	12°35	S 9
S 10	15 12 41	19°57'36	5♋37	7°11	4°57	20° 4	24°45	8°34	26°47	21°41	18° 7	16° 6	16°49	0°28	12°39	S 10
M11	15 16 38	20°56'13	17°25	6°46	6° 3	20°49	24°40	8°40	26°49	21°43	18° 8	16° 1	16°46	0°35	12°43	M11
T 12	15 20 34	21°54'47	29°14	6°25	7° 9	21°34	24°34	8°46	26°51	21°45	18° 8	15°58	16°43	0°41	12°47	T 12
W13	15 24 31	22°53'20	11♌11	6°10	8°15	22°19	24°29	8°53	26°54	21°47	18° 8	15°57	16°40	0°48	12°51	W13
T 14	15 28 27	23°51'51	23°18	5°59	9°21	23° 4	24°24	8°59	26°56	21°49	18° 9	15°57	16°36	0°55	12°55	T 14
F 15	15 32 24	24°50'19	5♍43	5°53	10°27	23°49	24°18	9° 5	26°58	21°51	18° 9	15°57	16°33	1° 1	12°59	F 15
S 16	15 36 20	25°48'45	18°30	5°D52	11°34	24°33	24°12	9°12	27° 0	21°53	18° 9	15°55	16°30	1° 8	13° 4	S 16
S 17	15 40 17	26°47'09	1♎43	5°56	12°40	25°18	24° 6	9°18	27° 2	21°55	18°10	15°51	16°27	1°15	13° 8	S 17
M18	15 44 13	27°45'32	15°25	6° 4	13°47	26° 3	24° 0	9°24	27° 4	21°57	18°10	15°45	16°24	1°21	13°12	M18
T 19	15 48 10	28°43'52	29°36	6°18	14°54	26°48	23°54	9°31	27° 6	21°59	18°11	15°36	16°21	1°28	13°16	T 19
W20	15 52 7	29°42'10	14♏14	6°36	16° 1	27°32	23°48	9°37	27° 8	22° 1	18°11	15°26	16°17	1°35	13°21	W20
T 21	15 56 3	0♊40'27	29°10	6°58	17° 8	28°17	23°41	9°44	27°10	22° 3	18°12	15°15	16°14	1°41	13°25	T 21
F 22	16 0 0	1°38'42	14♐17	7°25	18°16	29° 1	23°35	9°51	27°12	22° 5	18°12	15° 5	16°11	1°48	13°30	F 22
S 23	16 3 56	2°36'55	29°24	7°57	19°23	29°46	23°28	9°57	27°14	22° 6	18°13	14°57	16° 8	1°55	13°34	S 23
S 24	16 7 53	3°35'07	14♑21	8°32	20°31	0♊30	23°21	10° 4	27°16	22° 8	18°13	14°52	16° 5	2° 1	13°39	S 24
M25	16 11 49	4°33'18	29° 1	9°11	21°38	1°15	23°15	10°11	27°18	22°10	18°14	14°49	16° 2	2° 8	13°43	M25
T 26	16 15 46	5°31'26	13♒20	9°54	22°46	1°59	23° 8	10°18	27°20	22°12	18°15	14°D48	15°58	2°15	13°48	T 26
W27	16 19 43	6°29'34	27°16	10°40	23°54	2°43	23° 1	10°25	27°21	22°14	18°15	14°48	15°55	2°22	13°52	W27
T 28	16 23 39	7°27'40	10♓50	11°30	25° 2	3°28	22°54	10°32	27°23	22°15	18°16	14°R48	15°52	2°28	13°57	T 28
F 29	16 27 36	8°25'45	24° 4	12°23	26°10	4°12	22°47	10°39	27°25	22°17	18°17	14°47	15°49	2°35	14° 2	F 29
S 30	16 31 32	9°23'49	7♈ 0	13°19	27°18	4°56	22°39	10°46	27°26	22°19	18°17	14°44	15°46	2°42	14° 7	S 30
S 31	16 35 29	10♊21'51	19♈40	14♉19	28♈27	5♊40	22♐32	10♋53	27♓28	22♈21	18♌18	14♒38	15♒42	2♋48	14♋11	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	15n 5	4s14	2n14	17n38	2n 2	2s 9	0s18	15n28	0s16	22s23	0n49	22n14	0s50	2s 7	0s46	7n 3	1s20	19n 9	4n 3	15s26	15s33	27n 6	16n 5	6s41	F 1
S 2	15 23	1n45	3 11	17 11	1 48	1 48	0 23	15 42	0 15	22 23	0 49	22 14	0 50	2 6	0 46	7 4	1 20	19 9	4 3	15 28	15 34	27 6	16 5	6 41	S 2
S 3	15 40	7 34	3 58	16 43	1 33	1 27	0 28	15 56	0 14	22 23	0 49	22 14	0 49	2 5	0 46	7 4	1 20	19 9	4 3	15 30	15 35	27 5	16 5	6 40	S 3
M 4	15 58	12 58	4 33	16 14	1 17	1 6	0 32	16 10	0 14	22 23	0 49	22 14	0 49	2 4	0 46	7 5	1 20	19 9	4 3	15 33	15 36	27 5	16 5	6 40	M 4
T 5	16 15	17 46	4 53	15 45	1 1	0 45	0 37	16 24	0 13	22 23	0 49	22 14	0 49	2 3	0 46	7 6	1 20	19 9	4 3	15 37	15 37	27 4	16 5	6 40	T 5
W 6	16 32	21 45	5 0	15 15	0 44	0 24	0 41	16 37	0 12	22 22	0 49	22 13	0 49	2 2	0 46	7 7	1 20	19 9	4 3	15 41	15 38	27 3	16 5	6 39	W 6
T 7	16 49	24 44	4 52	14 47	0 27	0 2	0 46	16 51	0 12	22 22	0 49	22 13	0 49	2 1	0 46	7 7	1 20	19 9	4 3	15 45	15 39	27 3	16 5	6 39	T 7
F 8	17 5	26 33	4 31	14 19	0 9	0n20	0 50	17 4	0 11	22 22	0 49	22 13	0 49	2 0	0 46	7 8	1 20	19 9	4 2	15 49	15 40	27 2	16 5	6 38	F 8
S 9	17 21	27 7	3 59	13 52	0s 8	0 42	0 54	17 17	0 10	22 22	0 49	22 13	0 48	1 59	0 46	7 9	1 20	19 9	4 2	15 52	15 41	27 2	16 5	6 38	S 9
S 10	17 37	26 26	3 16	13 26	0 24	1 4	0 58	17 29	0 10	22 22	0 49	22 13	0 48	1 59	0 46	7 10	1 20	19 9	4 2	15 55	15 42	27 1	16 5	6 38	S 10
M11	17 53	24 33	2 25	13 3	0 41	1 26	1 2	17 42	0 9	22 22	0 49	22 12	0 48	1 58	0 46	7 10	1 20	19 9	4 2	15 56	15 43	27 0	16 5	6 37	M11
T 12	18 8	21 36	1 27	12 41	0 56	1 49	1 6	17 54	0 8	22 21	0 49	22 12	0 48	1 57	0 46	7 11	1 20	19 9	4 2	15 57	15 44	27 0	16 5	6 37	T 12
W13	18 23	17 43	0 25	12 22	1 11	2 11	1 10	18 6	0 8	22 21	0 49	22 12	0 48	1 56	0 46	7 12	1 20	19 8	4 2	15 57	15 45	26 59	16 5	6 37	W13
T 14	18 37	13 3	0s39	12 5	1 26	2 34	1 13	18 18	0 7	22 21	0 49	22 12	0 48	1 55	0 46	7 13	1 20	19 8	4 2	15 57	15 46	26 58	16 5	6 36	T 14
F 15	18 51	7 46	1 43	11 50	1 39	2 56	1 17	18 30	0 6	22 21	0 49	22 11	0 48	1 54	0 46	7 13	1 20	19 8	4 2	15 57	15 47	26 58	16 5	6 36	F 15
S 16	19 5	2 1	2 43	11 37	1 52	3 19	1 20	18 42	0 6	22 20	0 49	22 11	0 47	1 53	0 46	7 14	1 20	19 8	4 2	15 58	15 47	26 57	16 5	6 36	S 16
S 17	19 19	4s 0	3 37	11 27	2 4	3 42	1 23	18 53	0 5	22 20	0 49	22 11	0 47	1 52	0 46	7 15	1 20	19 8	4 2	15 59	15 48	26 56	16 5	6 35	S 17
M18	19 32	10 3	4 21	11 20	2 15	4 5	1 26	19 4	0 4	22 20	0 49	22 10	0 47	1 52	0 46	7 15	1 20	19 8	4 2	16 1	15 49	26 56	16 5	6 35	M18
T 19	19 45	15 47	4 50	11 15	2 26	4 28	1 29	19 15	0 4	22 20	0 49	22 10	0 47	1 51	0 46	7 16	1 20	19 7	4 2	16 3	15 50	26 55	16 5	6 35	T 19
W20	19 58	20 48	5 1	11 12	2 35	4 51	1 32	19 26	0 3	22 19	0 49	22 10	0 47	1 50	0 46	7 17	1 20	19 7	4 2	16 6	15 51	26 54	16 5	6 34	W20
T 21	20 10	24 36	4 53	11 11	2 43	5 14	1 35	19 37	0 2	22 19	0 49	22 9	0 47	1 49	0 46	7 17	1 20	19 7	4 2	16 10	15 52	26 53	16 5	6 34	T 21
F 22	20 22	26 44	4 24	11 12	2 51	5 37	1 37	19 47	0 2	22 19	0 49	22 9	0 47	1 49	0 46	7 18	1 20	19 7	4 2	16 13	15 53	26 53	16 5	6 34	F 22
S 23	20 33	26 53	3 36	11 16	2 58	6 0	1 40	19 57	0 1	22 19	0 49	22 9	0 47	1 48	0 46	7 19	1 20	19 7	4 2	16 15	15 54	26 52	16 5	6 33	S 23
S 24	20 44	25 4	2 34	11 21	3 3	6 23	1 42	20 7	0 0	22 18	0 49	22 8	0 46	1 47	0 46	7 19	1 21	19 6	4 2	16 16	15 55	26 51	16 5	6 33	S 24
M25	20 55	21 35	1 23	11 29	3 8	6 46	1 45	20 17	0n 0	22 18	0 49	22 8	0 46	1 47	0 46	7 20	1 21	19 6	4 2	16 17	15 56	26 51	16 4	6 33	M25
T 26	21 5	16 50	0 8	11 38	3 13	7 9	1 47	20 27	0 1	22 18	0 49	22 7	0 46	1 46	0 46	7 21	1 21	19 6	4 2	16 18	15 57	26 50	16 4	6 33	T 26
W27	21 15	11 19	1n 6	11 49	3 16	7 32	1 49	20 36	0 2	22 17	0 49	22 7	0 46	1 45	0 46	7 21	1 21	19 6	4 2	16 17	15 58	26 49	16 4	6 32	W27
T 28	21 25	5 23	2 14	12 2	3 19	7 55	1 51	20 45	0 2	22 17	0 49	22 7	0 46	1 45	0 46	7 22	1 21	19 5	4 2	16 17	15 59	26 48	16 4	6 32	T 28
F 29	21 34	0n37	3 13	12 16	3 20	8 17	1 53	20 54	0 3	22 17	0 49	22 6	0 46	1 44	0 46	7 22	1 21	19 5	4 2	16 18	16 0	26 48	16 4	6 32	F 29
S 30	21 43	6 27	4 1	12 32	3 22	8 40	1 54	21 3	0 4	22 16	0 49	22 6	0 46	1 43	0 46	7 23	1 21	19 5	4 2	16 19	16 1	26 47	16 3	6 31	S 30
S 31	21n52	11n54	4n35	12n49	3s22	9n 3	1s56	21n11	0n 4	22s16	0n49	22n 5	0s46	1s43	0s46	7n24	1s21	19n 5	4n 2	16s20	16s 2	26n46	16n 3	6s31	S 31

Julian Day Number = 2883016.5, Delta T = 01h16m17s
Ecliptic obliquity = 23°17'18, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°17'03, Lahiri = 40°24'04

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ASTRODIENST EPHEMERIS for the year 3181
geocentric

JUNE 3181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 39 25	11♊19'52	2♉ 9	15♉21	29♈35	6♊24	22°R25	11♋ 0	27♓29	22♈22	18♑19	14°R30	15♒39	2♋55	14♋16	M 1
T 2	16 43 22	12°17'51	14°27	16°27	0♉44	7° 8	22♐17	11° 7	27°31	22°24	18°20	14♒20	15°36	3° 2	14°21	T 2
W 3	16 47 18	13°15'50	26°36	17°35	1°52	7°52	22°10	11°14	27°32	22°25	18°21	14° 9	15°33	3° 8	14°26	W 3
T 4	16 51 15	14°13'47	8♊38	18°46	3° 1	8°36	22° 2	11°21	27°34	22°27	18°21	13°57	15°30	3°15	14°31	T 4
F 5	16 55 12	15°11'42	20°34	20° 0	4°10	9°20	21°55	11°29	27°35	22°29	18°22	13°47	15°27	3°22	14°36	F 5
S 6	16 59 8	16° 9'37	2♋25	21°16	5°19	10° 4	21°47	11°36	27°36	22°30	18°23	13°38	15°23	3°28	14°41	S 6
S 7	17 3 5	17° 7'29	14°14	22°34	6°28	10°47	21°40	11°43	27°37	22°32	18°24	13°32	15°20	3°35	14°46	S 7
M 8	17 7 1	18° 5'20	26° 2	23°56	7°37	11°31	21°32	11°51	27°39	22°33	18°25	13°28	15°17	3°42	14°51	M 8
T 9	17 10 58	19° 3'10	7♌53	25°19	8°46	12°15	21°25	11°58	27°40	22°35	18°26	13°D26	15°14	3°48	14°56	T 9
W10	17 14 54	20° 0'58	19°50	26°46	9°55	12°58	21°17	12° 5	27°41	22°36	18°27	13°26	15°11	3°55	15° 2	W10
T 11	17 18 51	20°58'44	1♍58	28°14	11° 4	13°42	21° 9	12°13	27°42	22°37	18°28	13°27	15° 8	4° 2	15° 7	T 11
F 12	17 22 47	21°56'29	14°22	29°45	12°14	14°25	21° 2	12°20	27°43	22°39	18°29	13°28	15° 4	4° 8	15°12	F 12
S 13	17 26 44	22°54'13	27° 6	1♊18	13°23	15° 9	20°54	12°28	27°44	22°40	18°30	13°R28	15° 1	4°15	15°17	S 13
S 14	17 30 41	23°51'54	10♎14	2°54	14°33	15°52	20°46	12°35	27°45	22°41	18°31	13°27	14°58	4°22	15°22	S 14
M15	17 34 37	24°49'35	23°51	4°32	15°42	16°35	20°39	12°43	27°46	22°43	18°32	13°23	14°55	4°28	15°28	M15
T 16	17 38 34	25°47'14	7♏57	6°12	16°52	17°18	20°31	12°50	27°46	22°44	18°33	13°18	14°52	4°35	15°33	T 16
W17	17 42 30	26°44'51	22°31	7°55	18° 1	18° 2	20°24	12°58	27°47	22°45	18°34	13°12	14°48	4°42	15°38	W17
T 18	17 46 27	27°42'28	7♐28	9°40	19°11	18°45	20°16	13° 6	27°48	22°46	18°35	13° 5	14°45	4°49	15°44	T 18
F 19	17 50 23	28°40'03	22°39	11°27	20°21	19°28	20° 9	13°13	27°48	22°48	18°37	12°59	14°42	4°55	15°49	F 19
S 20	17 54 20	29°37'37	7♑55	13°17	21°31	20°11	20° 1	13°21	27°49	22°49	18°38	12°54	14°39	5° 2	15°54	S 20
S 21	17 58 16	0♋35'10	23° 6	15° 9	22°41	20°54	19°54	13°28	27°50	22°50	18°39	12°50	14°36	5° 9	16° 0	S 21
M22	18 2 13	1°32'42	8♒ 1	17° 3	23°51	21°37	19°46	13°36	27°50	22°51	18°40	12°D49	14°33	5°15	16° 5	M22
T 23	18 6 10	2°30'13	22°34	19° 0	25° 1	22°20	19°39	13°44	27°51	22°52	18°41	12°49	14°29	5°22	16°11	T 23
W24	18 10 6	3°27'44	6♓42	20°59	26°11	23° 2	19°32	13°51	27°51	22°53	18°43	12°50	14°26	5°29	16°16	W24
T 25	18 14 3	4°25'13	20°24	22°59	27°21	23°45	19°24	13°59	27°51	22°54	18°44	12°52	14°23	5°35	16°21	T 25
F 26	18 17 59	5°22'42	3♈41	25° 2	28°31	24°28	19°17	14° 7	27°52	22°55	18°45	12°R53	14°20	5°42	16°27	F 26
S 27	18 21 56	6°20'11	16°36	27° 7	29°42	25°11	19°10	14°15	27°52	22°56	18°47	12°52	14°17	5°49	16°32	S 27
S 28	18 25 52	7°17'39	29°13	29°13	0♊52	25°53	19° 3	14°22	27°52	22°57	18°48	12°50	14°14	5°55	16°38	S 28
M29	18 29 49	8°15'06	11♉34	1♋21	2° 2	26°36	18°56	14°30	27°52	22°58	18°49	12°46	14°10	6° 2	16°43	M29
T 30	18 33 46	9♋12'33	23♉43	3♋30	3♊13	27♊18	18♐50	14♋38	27♓53	22♈59	18♑51	12♒42	14♒ 7	6♋ 9	16♋49	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 0	16n47	4n56	13n 7	3s22	9n25	1s58	21n19	0n 5	22s16	0n49	22n 5	0s45	1s42	0s47	7n24	1s21	19n 4	4n 2	16s23	16s 3	26n45	16n 3	6s31
T 2	22 8	20 54	5 3	13 27	3 21	9 48	1 59	21 27	0 6	22 15	0 49	22 4	0 45	1 42	0 47	7 25	1 21	19 4	4 2	16 26	16 3	26 44	16 3	6 31
W 3	22 15	24 4	4 56	13 47	3 19	10 10	2 0	21 35	0 6	22 15	0 49	22 4	0 45	1 41	0 47	7 25	1 21	19 4	4 2	16 29	16 4	26 44	16 2	6 31
T 4	22 22	26 9	4 36	14 9	3 17	10 32	2 2	21 43	0 7	22 15	0 48	22 3	0 45	1 41	0 47	7 26	1 21	19 4	4 2	16 32	16 5	26 43	16 2	6 30
F 5	22 28	27 1	4 4	14 31	3 14	10 54	2 3	21 50	0 8	22 14	0 48	22 3	0 45	1 40	0 47	7 26	1 21	19 3	4 2	16 35	16 6	26 42	16 2	6 30
S 6	22 34	26 37	3 21	14 54	3 10	11 16	2 4	21 57	0 8	22 14	0 48	22 2	0 45	1 40	0 47	7 27	1 21	19 3	4 1	16 38	16 7	26 41	16 1	6 30
S 7	22 40	25 1	2 30	15 18	3 6	11 38	2 4	22 4	0 9	22 14	0 48	22 2	0 45	1 39	0 47	7 27	1 21	19 3	4 1	16 39	16 8	26 40	16 1	6 30
M 8	22 45	22 19	1 32	15 42	3 1	11 59	2 5	22 11	0 9	22 13	0 48	22 1	0 45	1 39	0 47	7 28	1 21	19 2	4 1	16 41	16 9	26 39	16 1	6 30
T 9	22 50	18 40	0 30	16 7	2 56	12 21	2 6	22 17	0 10	22 13	0 48	22 1	0 45	1 38	0 47	7 28	1 21	19 2	4 1	16 41	16 10	26 39	16 0	6 29
W10	22 55	14 14	0s34	16 33	2 50	12 42	2 6	22 23	0 11	22 12	0 48	22 0	0 44	1 38	0 47	7 29	1 21	19 2	4 1	16 41	16 11	26 38	16 0	6 29
T 11	22 59	9 11	1 38	16 59	2 44	13 3	2 7	22 29	0 11	22 12	0 48	22 0	0 44	1 38	0 47	7 29	1 21	19 1	4 1	16 41	16 12	26 37	16 0	6 29
F 12	23 3	3 40	2 39	17 25	2 37	13 23	2 7	22 35	0 12	22 12	0 48	21 59	0 44	1 37	0 47	7 30	1 21	19 1	4 1	16 41	16 13	26 36	15 59	6 29
S 13	23 6	2s 7	3 33	17 51	2 29	13 44	2 8	22 41	0 13	22 11	0 48	21 59	0 44	1 37	0 47	7 30	1 21	19 1	4 1	16 40	16 14	26 35	15 59	6 29
S 14	23 9	8 0	4 18	18 17	2 22	14 4	2 8	22 46	0 13	22 11	0 48	21 58	0 44	1 37	0 47	7 31	1 21	19 0	4 1	16 41	16 15	26 34	15 58	6 29
M15	23 11	13 42	4 51	18 44	2 13	14 24	2 8	22 51	0 14	22 10	0 47	21 57	0 44	1 36	0 47	7 31	1 21	19 0	4 1	16 42	16 16	26 33	15 58	6 28
T 16	23 13	18 55	5 7	19 10	2 5	14 43	2 8	22 56	0 15	22 10	0 47	21 57	0 44	1 36	0 47	7 32	1 21	19 0	4 1	16 43	16 16	26 32	15 57	6 28
W17	23 15	23 11	5 4	19 35	1 56	15 3	2 8	23 0	0 15	22 10	0 47	21 56	0 44	1 36	0 47	7 32	1 21	18 59	4 1	16 45	16 17	26 31	15 57	6 28
T 18	23 16	26 2	4 41	20 1	1 46	15 22	2 7	23 5	0 16	22 9	0 47	21 56	0 44	1 36	0 47	7 32	1 22	18 59	4 1	16 47	16 18	26 30	15 57	6 28
F 19	23 17	27 3	3 58	20 25	1 36	15 41	2 7	23 9	0 17	22 9	0 47	21 55	0 43	1 35	0 47	7 33	1 22	18 58	4 1	16 49	16 19	26 30	15 56	6 28
S 20	23 17	26 0	2 58	20 49	1 26	15 59	2 7	23 13	0 17	22 8	0 47	21 54	0 43	1 35	0 47	7 33	1 22	18 58	4 1	16 50	16 20	26 29	15 56	6 28
S 21	23 17	23 3	1 45	21 13	1 16	16 17	2 6	23 16	0 18	22 8	0 47	21 54	0 43	1 35	0 47	7 34	1 22	18 58	4 1	16 51	16 21	26 28	15 55	6 28
M22	23 17	18 34	0 26	21 35	1 5	16 35	2 6	23 20	0 18	22 7	0 46	21 53	0 43	1 35	0 47	7 34	1 22	18 57	4 1	16 51	16 22	26 27	15 55	6 28
T 23	23 16	13 4	0n53	21 56	0 55	16 52	2 5	23 23	0 19	22 7	0 46	21 52	0 43	1 35	0 47	7 34	1 22	18 57	4 1	16 51	16 23	26 26	15 54	6 28
W24	23 15	7 2	2 6	22 15	0 44	17 10	2 4	23 26	0 20	22 7	0 46	21 52	0 43	1 34	0 47	7 35	1 22	18 57	4 1	16 51	16 24	26 25	15 53	6 27
T 25	23 13	0 52	3 10	22 34	0 33	17 26	2 4	23 29	0 20	22 6	0 46	21 51	0 43	1 34	0 47	7 35	1 22	18 56	4 1	16 51	16 25	26 24	15 53	6 27
F 26	23 11	5n10	4 2	22 50	0 22	17 43	2 3	23 31	0 21	22 6	0 46	21 50	0 43	1 34	0 47	7 35	1 22	18 56	4 1	16 51	16 26	26 23	15 52	6 27
S 27	23 8	10 47	4 39	23 5	0 11	17 59	2 2	23 34	0 22	22 5	0 46	21 49	0 43	1 34	0 47	7 36	1 22	18 55	4 1	16 51	16 27	26 22	15 52	6 27
S 28	23 5	15 50	5 3	23 17	0n 0	18 14	2 1	23 36	0 22	22 5	0 46	21 49	0 43	1 34	0 48	7 36	1 22	18 55	4 1	16 51	16 27	26 21	15 51	6 27
M29	23 2	20 8	5 11	23 28	0 11	18 29	1 59	23 37	0 23	22 5	0 45	21 48	0 43	1 34	0 48	7 36	1 22	18 55	4 1	16 52	16 28	26 20	15 51	6 27
T 30	22n58	23n31	5n 6	23n36	0n21	18n44	1s58	23n39	0n23	22s 4	0n45	21n47	0s42	1s34	0s48	7n36	1s22	18n54	4n 1	16s54	16s29	26n19	15n50	6s27

Julian Day Number = 2883047.5, Delta T = 01h16m18s
Ecliptic obliquity = 23°17'18, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°17'08, Lahiri = 40°24'08

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ASTRODIENST EPHEMERIS for the year 3181
geocentric

JULY 3181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 37 42	10♋ 9'59	5♊43	5♋40	4♊23	28♊ 1	18°R43	14♋46	27♓53	23♈ 0	18♌52	12°R36	14♒ 4	6♋15	16♋55	W 1
T 2	18 41 39	11° 7'25	17°38	7°52	5°34	28°43	18♐36	14°53	27°R53	23° 0	18°53	12♒30	14° 1	6°22	17° 0	T 2
F 3	18 45 35	12° 4'50	29°28	10° 3	6°45	29°25	18°30	15° 1	27°53	23° 1	18°55	12°25	13°58	6°29	17° 6	F 3
S 4	18 49 32	13° 2'15	11♋17	12°15	7°55	0♋ 8	18°23	15° 9	27°53	23° 2	18°56	12°21	13°54	6°35	17°11	S 4
S 5	18 53 28	13°59'39	23° 6	14°28	9° 6	0°50	18°17	15°17	27°52	23° 3	18°58	12°18	13°51	6°42	17°17	S 5
M 6	18 57 25	14°57'02	4♌57	16°39	10°17	1°32	18°11	15°25	27°52	23° 3	18°59	12°17	13°48	6°49	17°22	M 6
T 7	19 1 21	15°54'24	16°53	18°51	11°28	2°14	18° 5	15°32	27°52	23° 4	19° 0	12°D17	13°45	6°55	17°28	T 7
W 8	19 5 18	16°51'46	28°57	21° 2	12°38	2°56	17°59	15°40	27°52	23° 4	19° 2	12°17	13°42	7° 2	17°33	W 8
T 9	19 9 15	17°49'07	11♍11	23°11	13°49	3°38	17°53	15°48	27°51	23° 5	19° 3	12°19	13°39	7° 9	17°39	T 9
F 10	19 13 11	18°46'27	23°39	25°20	15° 0	4°20	17°47	15°56	27°51	23° 6	19° 5	12°20	13°35	7°15	17°45	F 10
S 11	19 17 8	19°43'46	6♎25	27°27	16°11	5° 2	17°42	16° 4	27°51	23° 6	19° 6	12°22	13°32	7°22	17°50	S 11
S 12	19 21 4	20°41'05	19°32	29°32	17°22	5°44	17°36	16°11	27°50	23° 7	19° 8	12°R22	13°29	7°29	17°56	S 12
M13	19 25 1	21°38'23	3♏ 3	1♌36	18°33	6°26	17°31	16°19	27°50	23° 7	19° 9	12°22	13°26	7°35	18° 1	M13
T 14	19 28 57	22°35'40	17° 0	3°38	19°44	7° 8	17°26	16°27	27°49	23° 7	19°11	12°21	13°23	7°42	18° 7	T 14
W15	19 32 54	23°32'57	1♐22	5°38	20°56	7°49	17°21	16°35	27°49	23° 8	19°12	12°19	13°20	7°49	18°12	W15
T 16	19 36 50	24°30'13	16° 6	7°37	22° 7	8°31	17°16	16°42	27°48	23° 8	19°14	12°16	13°16	7°55	18°18	T 16
F 17	19 40 47	25°27'29	1♑ 6	9°33	23°18	9°13	17°11	16°50	27°47	23° 8	19°16	12°14	13°13	8° 2	18°24	F 17
S 18	19 44 44	26°24'45	16°15	11°27	24°29	9°54	17° 7	16°58	27°47	23° 9	19°17	12°13	13°10	8° 9	18°29	S 18
S 19	19 48 40	27°22'00	1♒24	13°19	25°41	10°36	17° 2	17° 6	27°46	23° 9	19°19	12°12	13° 7	8°15	18°35	S 19
M20	19 52 37	28°19'15	16°22	15° 9	26°52	11°17	16°58	17°13	27°45	23° 9	19°20	12°D12	13° 4	8°22	18°40	M20
T 21	19 56 33	29°16'29	1♓ 3	16°57	28° 4	11°59	16°54	17°21	27°44	23° 9	19°22	12°12	13° 0	8°29	18°46	T 21
W22	20 0 30	0♌13'44	15°20	18°43	29°15	12°40	16°50	17°29	27°43	23°10	19°23	12°13	12°57	8°35	18°51	W22
T 23	20 4 26	1°10'59	29°11	20°27	0♋27	13°21	16°46	17°36	27°42	23°10	19°25	12°14	12°54	8°42	18°57	T 23
F 24	20 8 23	2° 8'14	12♈35	22° 9	1°38	14° 2	16°43	17°44	27°41	23°10	19°27	12°15	12°51	8°49	19° 2	F 24
S 25	20 12 19	3° 5'29	25°35	23°48	2°50	14°44	16°39	17°52	27°40	23°10	19°28	12°15	12°48	8°55	19° 8	S 25
S 26	20 16 16	4° 2'45	8♉13	25°25	4° 1	15°25	16°36	17°59	27°39	23°R10	19°30	12°R15	12°45	9° 2	19°13	S 26
M27	20 20 13	5° 0'01	20°33	27° 1	5°13	16° 6	16°33	18° 7	27°38	23°10	19°32	12°15	12°41	9° 9	19°19	M27
T 28	20 24 9	5°57'17	2♊39	28°34	6°25	16°47	16°30	18°14	27°37	23°10	19°33	12°14	12°38	9°15	19°24	T 28
W29	20 28 6	6°54'33	14°35	0♍ 5	7°37	17°28	16°28	18°22	27°36	23°10	19°35	12°14	12°35	9°22	19°30	W29
T 30	20 32 2	7°51'50	26°26	1°34	8°48	18° 9	16°25	18°29	27°34	23°10	19°37	12°13	12°32	9°29	19°35	T 30
F 31	20 35 59	8♌49'08	8♋14	3♍ 1	10♋ 0	18♋50	16♐23	18♋37	27♓33	23♈ 9	19♌38	12♒13	12♒29	9♋35	19♋40	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n54	25n50	4n47	23n42	0n32	18n58	1s57	23n40	0n24	22s 4	0n45	21n47	0s42	1s34	0s48	7n37	1s22	18n54	4n 1	16s55	16s30	26n18	15n49	6s27
T 2	22 50	26 57	4 15	23 45	0 41	19 12	1 56	23 42	0 25	22 3	0 45	21 46	0 42	1 34	0 48	7 37	1 22	18 53	4 1	16 57	16 31	26 17	15 49	6 27
F 3	22 45	26 50	3 33	23 45	0 51	19 25	1 54	23 42	0 25	22 3	0 45	21 45	0 42	1 34	0 48	7 37	1 22	18 53	4 1	16 58	16 32	26 16	15 48	6 27
S 4	22 39	25 30	2 42	23 43	1 0	19 38	1 53	23 43	0 26	22 3	0 45	21 44	0 42	1 34	0 48	7 37	1 22	18 52	4 1	16 59	16 33	26 15	15 47	6 27
S 5	22 33	23 1	1 43	23 38	1 8	19 51	1 51	23 44	0 27	22 2	0 44	21 43	0 42	1 34	0 48	7 38	1 22	18 52	4 1	17 0	16 34	26 14	15 47	6 27
M 6	22 27	19 33	0 40	23 30	1 16	20 3	1 49	23 44	0 27	22 2	0 44	21 43	0 42	1 34	0 48	7 38	1 22	18 51	4 1	17 1	16 35	26 13	15 46	6 27
T 7	22 21	15 16	0s25	23 20	1 23	20 14	1 48	23 44	0 28	22 2	0 44	21 42	0 42	1 35	0 48	7 38	1 22	18 51	4 1	17 1	16 36	26 12	15 45	6 27
W 8	22 14	10 21	1 31	23 7	1 29	20 25	1 46	23 44	0 28	22 1	0 44	21 41	0 42	1 35	0 48	7 38	1 23	18 51	4 1	17 0	16 37	26 11	15 45	6 27
T 9	22 7	4 58	2 33	22 52	1 35	20 36	1 44	23 43	0 29	22 1	0 44	21 40	0 42	1 35	0 48	7 38	1 23	18 50	4 1	17 0	16 37	26 9	15 44	6 27
F 10	21 59	0s42	3 29	22 34	1 39	20 45	1 42	23 43	0 30	22 0	0 44	21 39	0 42	1 35	0 48	7 38	1 23	18 50	4 1	16 59	16 38	26 8	15 43	6 27
S 11	21 51	6 27	4 16	22 14	1 44	20 55	1 40	23 42	0 30	22 0	0 43	21 39	0 42	1 35	0 48	7 39	1 23	18 49	4 1	16 59	16 39	26 7	15 42	6 27
S 12	21 42	12 5	4 51	21 52	1 47	21 4	1 38	23 41	0 31	22 0	0 43	21 38	0 41	1 35	0 48	7 39	1 23	18 49	4 1	16 59	16 40	26 6	15 42	6 27
M13	21 34	17 20	5 11	21 27	1 49	21 12	1 36	23 39	0 31	22 0	0 43	21 37	0 41	1 36	0 48	7 39	1 23	18 48	4 1	16 59	16 41	26 5	15 41	6 27
T 14	21 24	21 50	5 14	21 1	1 51	21 20	1 34	23 38	0 32	21 59	0 43	21 36	0 41	1 36	0 48	7 39	1 23	18 48	4 1	16 59	16 42	26 4	15 40	6 27
W15	21 15	25 10	4 58	20 33	1 52	21 27	1 32	23 36	0 32	21 59	0 43	21 35	0 41	1 36	0 48	7 39	1 23	18 47	4 1	17 0	16 43	26 3	15 39	6 27
T 16	21 5	26 55	4 22	20 4	1 53	21 34	1 30	23 34	0 33	21 59	0 42	21 34	0 41	1 36	0 48	7 39	1 23	18 47	4 1	17 1	16 44	26 2	15 39	6 28
F 17	20 55	26 45	3 28	19 33	1 52	21 40	1 27	23 32	0 34	21 58	0 42	21 33	0 41	1 37	0 48	7 39	1 23	18 46	4 1	17 1	16 45	26 1	15 38	6 28
S 18	20 44	24 36	2 19	19 1	1 51	21 45	1 25	23 29	0 34	21 58	0 42	21 32	0 41	1 37	0 48	7 39	1 23	18 46	4 1	17 2	16 46	26 0	15 37	6 28
S 19	20 33	20 41	0 59	18 28	1 49	21 50	1 23	23 27	0 35	21 58	0 42	21 32	0 41	1 37	0 48	7 39	1 23	18 45	4 1	17 2	16 46	25 58	15 36	6 28
M20	20 22	15 28	0n23	17 54	1 47	21 55	1 20	23 24	0 35	21 58	0 42	21 31	0 41	1 38	0 48	7 39	1 23	18 45	4 1	17 2	16 47	25 57	15 35	6 28
T 21	20 10	9 26	1 43	17 18	1 44	21 58	1 18	23 21	0 36	21 58	0 41	21 30	0 41	1 38	0 48	7 39	1 23	18 45	4 1	17 2	16 48	25 56	15 34	6 28
W22	19 58	3 5	2 53	16 42	1 40	22 2	1 16	23 18	0 37	21 57	0 41	21 29	0 41	1 39	0 48	7 39	1 23	18 44	4 2	17 2	16 49	25 55	15 34	6 28
T 23	19 46	3n14	3 52	16 6	1 36	22 4	1 13	23 14	0 37	21 57	0 41	21 28	0 41	1 39	0 48	7 39	1 23	18 44	4 2	17 1	16 50	25 54	15 33	6 28
F 24	19 34	9 11	4 36	15 29	1 31	22 6	1 11	23 11	0 38	21 57	0 41	21 27	0 41	1 39	0 48	7 39	1 23	18 43	4 2	17 1	16 51	25 53	15 32	6 28
S 25	19 21	14 33	5 4	14 51	1 26	22 8	1 8	23 7	0 38	21 57	0 41	21 26	0 41	1 40	0 49	7 39	1 23	18 43	4 2	17 1	16 52	25 51	15 31	6 29
S 26	19 7	19 9	5 16	14 13	1 20	22 8	1 5	23 3	0 39	21 57	0 40	21 25	0 40	1 40	0 49	7 39	1 23	18 42	4 2	17 1	16 53	25 50	15 30	6 29
M27	18 54	22 49	5 14	13 35	1 13	22 8	1 3	22 59	0 39	21 57	0 40	21 24	0 40	1 41	0 49	7 39	1 24	18 42	4 2	17 1	16 54	25 49	15 29	6 29
T 28	18 40	25 25	4 57	12 56	1 6	22 8	1 0	22 54	0 40	21 57	0 40	21 23	0 40	1 41	0 49	7 39	1 24	18 41	4 2	17 1	16 55	25 48	15 28	6 29
W29	18 26	26 51	4 28	12 17	0 59	22 7	0 57	22 50	0 41	21 57	0 40	21 22	0 40	1 42	0 49	7 39	1 24	18 41	4 2	17 1	16 55	25 47	15 27	6 29
T 30	18 11	27 2	3 48	11 39	0 51	22 5	0 55	22 45	0 41	21 57	0 40	21 21	0 40	1 42	0 49	7 39	1 24	18 40	4 2	17 2	16 56	25 45	15 27	6 29
F 31	17n56	25n59	2n58	11n 0	0n42	22n 3	0s52	22n40	0n42	21s57	0n39	21n20	0s40	1s43	0s49	7n39	1s24	18n40	4n 2	17s 2	16s57	25n44	15n26	6s30

Julian Day Number = 2883077.5, Delta T = 01h16m19s
Ecliptic obliquity = 23°17'17, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°17'12, Lahiri = 40°24'12

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ASTRODIENST EPHEMERIS for the year 3181
geocentric

AUGUST 3181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 39 55	9♌46'25	20♋ 4	4♍25	11♋12	19♋31	16°R20	18♋44	27°R32	23°R 9	19♌40	12°R12	12♒26	9♋42	19♋46	S 1
S 2	20 43 52	10°43'43	1♌56	5°47	12°24	20°11	16♐18	18°52	27♓30	23♈ 9	19°42	12♒12	12°22	9°49	19°51	S 2
M 3	20 47 49	11°41'01	13°55	7° 7	13°36	20°52	16°17	18°59	27°29	23° 9	19°43	12°12	12°19	9°55	19°57	M 3
T 4	20 51 45	12°38'19	26° 1	8°25	14°48	21°33	16°15	19° 7	27°27	23° 9	19°45	12°12	12°16	10° 2	20° 2	T 4
W 5	20 55 42	13°35'38	8♍17	9°40	16° 0	22°13	16°13	19°14	27°26	23° 8	19°47	12°12	12°13	10° 9	20° 7	W 5
T 6	20 59 38	14°32'56	20°45	10°53	17°13	22°54	16°12	19°21	27°24	23° 8	19°48	12°12	12°10	10°15	20°12	T 6
F 7	21 3 35	15°30'15	3♎26	12° 4	18°25	23°35	16°11	19°29	27°23	23° 8	19°50	12°12	12° 6	10°22	20°18	F 7
S 8	21 7 31	16°27'34	16°21	13°12	19°37	24°15	16°10	19°36	27°21	23° 7	19°52	12°11	12° 3	10°29	20°23	S 8
S 9	21 11 28	17°24'53	29°34	14°17	20°49	24°56	16° 9	19°43	27°20	23° 7	19°53	12°11	12° 0	10°35	20°28	S 9
M10	21 15 24	18°22'13	13♏ 5	15°19	22° 1	25°36	16° 9	19°50	27°18	23° 6	19°55	12°D10	11°57	10°42	20°33	M10
T 11	21 19 21	19°19'33	26°55	16°19	23°14	26°16	16° 8	19°57	27°16	23° 6	19°57	12°11	11°54	10°49	20°38	T 11
W12	21 23 17	20°16'53	11♐ 4	17°16	24°26	26°57	16° 8	20° 4	27°15	23° 5	19°58	12°11	11°51	10°55	20°44	W12
T 13	21 27 14	21°14'13	25°30	18°10	25°39	27°37	16°D 8	20°12	27°13	23° 5	20° 0	12°12	11°47	11° 2	20°49	T 13
F 14	21 31 11	22°11'33	10♑11	19° 0	26°51	28°17	16° 8	20°19	27°11	23° 4	20° 2	12°12	11°44	11° 9	20°54	F 14
S 15	21 35 7	23° 8'54	25° 0	19°47	28° 4	28°57	16° 9	20°26	27° 9	23° 3	20° 4	12°13	11°41	11°15	20°59	S 15
S 16	21 39 4	24° 6'16	9♒52	20°31	29°16	29°37	16° 9	20°33	27° 7	23° 3	20° 5	12°R13	11°38	11°22	21° 4	S 16
M17	21 43 0	25° 3'38	24°39	21°11	0♌29	0♌17	16°10	20°39	27° 5	23° 2	20° 7	12°13	11°35	11°29	21° 9	M17
T 18	21 46 57	26° 1'00	9♓14	21°47	1°41	0°57	16°11	20°46	27° 3	23° 1	20° 9	12°12	11°32	11°35	21°14	T 18
W19	21 50 53	26°58'23	23°30	22°19	2°54	1°37	16°12	20°53	27° 2	23° 1	20°10	12°11	11°28	11°42	21°19	W19
T 20	21 54 50	27°55'48	7♈23	22°48	4° 7	2°17	16°13	21° 0	27° 0	23° 0	20°12	12° 9	11°25	11°49	21°23	T 20
F 21	21 58 46	28°53'13	20°52	23°11	5°19	2°57	16°15	21° 7	26°58	22°59	20°14	12° 7	11°22	11°55	21°28	F 21
S 22	22 2 43	29°50'39	3♉56	23°30	6°32	3°37	16°16	21°13	26°56	22°58	20°15	12° 5	11°19	12° 2	21°33	S 22
S 23	22 6 40	0♍48'06	16°38	23°45	7°45	4°16	16°18	21°20	26°53	22°58	20°17	12° 3	11°16	12° 9	21°38	S 23
M24	22 10 36	1°45'35	28°59	23°55	8°58	4°56	16°20	21°27	26°51	22°57	20°19	12°D 3	11°12	12°15	21°42	M24
T 25	22 14 33	2°43'05	11♊ 6	23°R59	10°11	5°36	16°22	21°33	26°49	22°56	20°20	12° 3	11° 9	12°22	21°47	T 25
W26	22 18 29	3°40'36	23° 2	23°58	11°24	6°15	16°25	21°40	26°47	22°55	20°22	12° 4	11° 6	12°29	21°52	W26
T 27	22 22 26	4°38'08	4♋52	23°52	12°37	6°55	16°27	21°46	26°45	22°54	20°24	12° 5	11° 3	12°35	21°56	T 27
F 28	22 26 22	5°35'41	16°40	23°41	13°50	7°35	16°30	21°52	26°43	22°53	20°25	12° 7	11° 0	12°42	22° 1	F 28
S 29	22 30 19	6°33'16	28°32	23°24	15° 3	8°14	16°33	21°59	26°41	22°52	20°27	12° 8	10°57	12°49	22° 5	S 29
S 30	22 34 15	7°30'52	10♌30	23° 2	16°16	8°53	16°36	22° 5	26°38	22°51	20°29	12°R 9	10°53	12°55	22°10	S 30
M31	22 38 12	8♍28'29	22♌38	22♍35	17♌29	9♌33	16♐39	22♋11	26♓36	22♈50	20♌30	12♒ 9	10♒50	13♋ 2	22♋14	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n41	23n47	2n 0	10n21	0n34	22n 0	0s49	22n35	0n42	21s57	0n39	21n20	0s40	1s43	0s49	7n39	1s24	18n39	4n 2	17s 2	16s58	25n43	15n25	6s30
S 2	17 26	20 31	0 57	9 43	0 25	21 56	0 47	22 29	0 43	21 57	0 39	21 19	0 40	1 44	0 49	7 39	1 24	18 39	4 2	17 2	16 59	25 42	15 24	6 30
M 3	17 10	16 24	0s10	9 5	0 15	21 52	0 44	22 24	0 43	21 57	0 39	21 18	0 40	1 45	0 49	7 38	1 24	18 38	4 2	17 2	17 0	25 40	15 23	6 30
T 4	16 54	11 34	1 16	8 27	0 5	21 48	0 41	22 18	0 44	21 57	0 39	21 17	0 40	1 45	0 49	7 38	1 24	18 38	4 2	17 2	17 1	25 39	15 22	6 30
W 5	16 38	6 15	2 20	7 49	0s 5	21 42	0 38	22 12	0 44	21 57	0 38	21 16	0 40	1 46	0 49	7 38	1 24	18 37	4 2	17 2	17 2	25 38	15 21	6 31
T 6	16 22	0 36	3 18	7 12	0 15	21 36	0 35	22 6	0 45	21 57	0 38	21 15	0 40	1 46	0 49	7 38	1 24	18 37	4 2	17 2	17 2	25 37	15 20	6 31
F 7	16 5	5s 9	4 8	6 35	0 26	21 30	0 33	22 0	0 46	21 57	0 38	21 14	0 40	1 47	0 49	7 38	1 24	18 36	4 2	17 2	17 3	25 35	15 19	6 31
S 8	15 48	10 47	4 46	5 59	0 37	21 22	0 30	21 53	0 46	21 57	0 38	21 13	0 40	1 48	0 49	7 38	1 24	18 36	4 2	17 2	17 4	25 34	15 18	6 31
S 9	15 31	16 5	5 10	5 24	0 49	21 15	0 27	21 46	0 47	21 57	0 38	21 12	0 40	1 48	0 49	7 37	1 24	18 35	4 2	17 2	17 5	25 33	15 17	6 32
M10	15 14	20 42	5 17	4 49	1 0	21 6	0 24	21 40	0 47	21 57	0 37	21 11	0 40	1 49	0 49	7 37	1 24	18 35	4 2	17 2	17 6	25 32	15 16	6 32
T 11	14 56	24 19	5 7	4 16	1 12	20 57	0 21	21 33	0 48	21 57	0 37	21 10	0 40	1 50	0 49	7 37	1 24	18 34	4 2	17 2	17 7	25 30	15 15	6 32
W12	14 38	26 33	4 38	3 43	1 24	20 47	0 19	21 26	0 48	21 58	0 37	21 9	0 40	1 50	0 49	7 37	1 24	18 34	4 3	17 2	17 8	25 29	15 14	6 32
T 13	14 20	27 4	3 51	3 11	1 36	20 37	0 16	21 18	0 49	21 58	0 37	21 8	0 39	1 51	0 49	7 36	1 24	18 33	4 3	17 2	17 9	25 28	15 13	6 33
F 14	14 2	25 42	2 49	2 40	1 48	20 26	0 13	21 11	0 49	21 58	0 37	21 7	0 39	1 52	0 49	7 36	1 24	18 33	4 3	17 2	17 10	25 26	15 12	6 33
S 15	13 43	22 32	1 34	2 10	2 0	20 15	0 10	21 3	0 50	21 58	0 36	21 6	0 39	1 53	0 49	7 36	1 24	18 32	4 3	17 2	17 10	25 25	15 11	6 33
S 16	13 24	17 52	0 13	1 42	2 13	20 3	0 7	20 55	0 50	21 59	0 36	21 5	0 39	1 53	0 49	7 36	1 25	18 32	4 3	17 1	17 11	25 24	15 10	6 34
M17	13 5	12 9	1n 8	1 15	2 25	19 51	0 5	20 47	0 51	21 59	0 36	21 4	0 39	1 54	0 49	7 35	1 25	18 32	4 3	17 2	17 12	25 22	15 9	6 34
T 18	12 46	5 50	2 24	0 49	2 37	19 38	0 2	20 39	0 51	21 59	0 36	21 3	0 39	1 55	0 49	7 35	1 25	18 31	4 3	17 2	17 13	25 21	15 8	6 34
W19	12 27	0n38	3 29	0 25	2 50	19 24	0n 1	20 31	0 52	21 59	0 35	21 2	0 39	1 56	0 49	7 35	1 25	18 31	4 3	17 2	17 14	25 20	15 7	6 35
T 20	12 7	6 54	4 20	0 3	3 2	19 10	0 4	20 23	0 52	22 0	0 35	21 1	0 39	1 57	0 49	7 34	1 25	18 30	4 3	17 3	17 15	25 18	15 6	6 35
F 21	11 47	12 39	4 55	0s17	3 14	18 55	0 6	20 14	0 53	22 0	0 35	21 0	0 39	1 57	0 49	7 34	1 25	18 30	4 3	17 3	17 16	25 17	15 5	6 35
S 22	11 27	17 39	5 13	0 35	3 26	18 40	0 9	20 5	0 54	22 0	0 35	20 59	0 39	1 58	0 49	7 34	1 25	18 29	4 3	17 4	17 16	25 16	15 4	6 36
S 23	11 7	21 44	5 15	0 52	3 37	18 24	0 12	19 57	0 54	22 1	0 35	20 58	0 39	1 59	0 49	7 33	1 25	18 29	4 3	17 4	17 17	25 14	15 3	6 36
M24	10 47	24 43	5 2	1 5	3 48	18 8	0 14	19 48	0 55	22 1	0 34	20 57	0 39	2 0	0 49	7 33	1 25	18 28	4 3	17 4	17 18	25 13	15 1	6 36
T 25	10 26	26 31	4 36	1 17	3 58	17 51	0 17	19 39	0 55	22 2	0 34	20 56	0 39	2 1	0 49	7 33	1 25	18 28	4 4	17 4	17 19	25 11	15 0	6 37
W26	10 6	27 5	3 59	1 26	4 8	17 34	0 19	19 29	0 56	22 2	0 34	20 55	0 39	2 2	0 49	7 32	1 25	18 27	4 4	17 4	17 20	25 10	14 59	6 37
T 27	9 45	26 23	3 11	1 32	4 17	17 16	0 22	19 20	0 56	22 3	0 34	20 54	0 39	2 2	0 49	7 32	1 25	18 27	4 4	17 4	17 21	25 9	14 58	6 37
F 28	9 24	24 30	2 16	1 35	4 26	16 58	0 24	19 10	0 57	22 3	0 34	20 53	0 39	2 3	0 49	7 31	1 25	18 27	4 4	17 3	17 22	25 7	14 57	6 38
S 29	9 3	21 32	1 14	1 35	4 33	16 39	0 27	19 1	0 57	22 3	0 33	20 52	0 39	2 4	0 49	7 31	1 25	18 26	4 4	17 3	17 23	25 6	14 56	6 38
S 30	8 42	17 38	0 9	1 32	4 39	16 20	0 29	18 51	0 58	22 4	0 33	20 51	0 39	2 5	0 49	7 31	1 25	18 26	4 4	17 3	17 23	25 4	14 55	6 39
M31	8n20	12n59	0s57	1s26	4s44	16n 0	0n32	18n41	0n58	22s 4	0n33	20n50	0s39	2s 6	0s49	7n30	1s25	18n25	4n 4	17s 3	17s24	25n 3	14n54	6s39

Julian Day Number = 2883108.5, Delta T = 01h16m19s
Ecliptic obliquity = 23°17'17, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°17'16, Lahiri = 40°24'17

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ASTRODIENST EPHEMERIS for the year 3181
geocentric

SEPTEMBER 3181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 42 9	9♍26'07	4♍58	22°R 3	18♌42	10♌12	16♐42	22♋17	26°R34	22°R49	20♌32	12°R 7	10♒47	13♋ 9	22♋19	T 1
W 2	22 46 5	10°23'46	17°30	21♍26	19°56	10°51	16°46	22°24	26♓32	22♈48	20°34	12♒ 4	10°44	13°15	22°23	W 2
T 3	22 50 2	11°21'26	0♎17	20°44	21° 9	11°31	16°49	22°30	26°29	22°47	20°35	12° 0	10°41	13°22	22°27	T 3
F 4	22 53 58	12°19'07	13°18	19°59	22°22	12°10	16°53	22°36	26°27	22°45	20°37	11°55	10°38	13°29	22°32	F 4
S 5	22 57 55	13°16'50	26°33	19°11	23°36	12°49	16°57	22°41	26°25	22°44	20°38	11°50	10°34	13°35	22°36	S 5
S 6	23 1 51	14°14'33	10♏ 0	18°21	24°49	13°28	17° 2	22°47	26°23	22°43	20°40	11°46	10°31	13°42	22°40	S 6
M 7	23 5 48	15°12'17	23°41	17°29	26° 3	14° 7	17° 6	22°53	26°20	22°42	20°41	11°43	10°28	13°49	22°44	M 7
T 8	23 9 44	16°10'03	7♐33	16°37	27°16	14°46	17°11	22°59	26°18	22°41	20°43	11°41	10°25	13°55	22°48	T 8
W 9	23 13 41	17° 7'50	21°35	15°46	28°30	15°25	17°15	23° 4	26°16	22°39	20°45	11°D41	10°22	14° 2	22°52	W 9
T 10	23 17 38	18° 5'37	5♑47	14°56	29°43	16° 4	17°20	23°10	26°13	22°38	20°46	11°42	10°18	14° 9	22°56	T 10
F 11	23 21 34	19° 3'26	20° 7	14° 9	0♍57	16°43	17°25	23°16	26°11	22°37	20°48	11°43	10°15	14°15	23° 0	F 11
S 12	23 25 31	20° 1'16	4♒33	13°25	2°10	17°21	17°30	23°21	26° 8	22°35	20°49	11°R44	10°12	14°22	23° 4	S 12
S 13	23 29 27	20°59'06	19° 0	12°47	3°24	18° 0	17°36	23°26	26° 6	22°34	20°51	11°44	10° 9	14°29	23° 7	S 13
M14	23 33 24	21°56'58	3♓24	12°13	4°38	18°39	17°41	23°32	26° 4	22°33	20°52	11°42	10° 6	14°35	23°11	M14
T 15	23 37 20	22°54'52	17°40	11°47	5°51	19°18	17°47	23°37	26° 1	22°31	20°54	11°39	10° 3	14°42	23°15	T 15
W16	23 41 17	23°52'46	1♈43	11°27	7° 5	19°56	17°53	23°42	25°59	22°30	20°55	11°33	9°59	14°49	23°18	W16
T 17	23 45 13	24°50'42	15°29	11°15	8°19	20°35	17°59	23°47	25°56	22°28	20°57	11°27	9°56	14°55	23°22	T 17
F 18	23 49 10	25°48'40	28°54	11°D11	9°33	21°13	18° 5	23°52	25°54	22°27	20°58	11°19	9°53	15° 2	23°25	F 18
S 19	23 53 7	26°46'40	11♉57	11°15	10°47	21°52	18°11	23°57	25°52	22°26	20°59	11°12	9°50	15° 9	23°29	S 19
S 20	23 57 3	27°44'41	24°39	11°28	12° 0	22°30	18°17	24° 2	25°49	22°24	21° 1	11° 6	9°47	15°15	23°32	S 20
M21	0 1 0	28°42'44	7♊ 1	11°49	13°14	23° 8	18°24	24° 7	25°47	22°23	21° 2	11° 2	9°43	15°22	23°35	M21
T 22	0 4 56	29°40'49	19° 8	12°18	14°28	23°47	18°30	24°11	25°45	22°21	21° 4	10°59	9°40	15°29	23°38	T 22
W23	0 8 53	0♎38'56	1♋ 4	12°56	15°42	24°25	18°37	24°16	25°42	22°20	21° 5	10°D59	9°37	15°35	23°42	W23
T 24	0 12 49	1°37'05	12°54	13°41	16°56	25° 3	18°44	24°20	25°40	22°18	21° 6	10°59	9°34	15°42	23°45	T 24
F 25	0 16 46	2°35'16	24°44	14°35	18°10	25°41	18°51	24°25	25°37	22°17	21° 8	11° 0	9°31	15°49	23°48	F 25
S 26	0 20 42	3°33'28	6♌37	15°36	19°25	26°19	18°59	24°29	25°35	22°15	21° 9	11°R 1	9°28	15°55	23°51	S 26
S 27	0 24 39	4°31'43	18°40	16°44	20°39	26°58	19° 6	24°33	25°33	22°13	21°10	11° 1	9°24	16° 2	23°54	S 27
M28	0 28 36	5°29'59	0♍56	17°58	21°53	27°36	19°13	24°38	25°30	22°12	21°12	10°59	9°21	16° 8	23°56	M28
T 29	0 32 32	6°28'17	13°28	19°18	23° 7	28°14	19°21	24°42	25°28	22°10	21°13	10°55	9°18	16°15	23°59	T 29
W30	0 36 29	7♎26'37	26♍17	20♍43	24♍21	28♌51	19♐29	24♋46	25♓26	22♈ 9	21♌14	10♒48	9♒15	16♋22	24♋ 2	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n59	7n44	2s 2	1s17	4s48	15n40	0n34	18n31	0n59	22s 5	0n33	20n49	0s39	2s 7	0s49	7n30	1s25	18n25	4n 4	17s 3	17s25	25n 1	14n53	6s39
W 2	7 37	2 7	3 2	1 4	4 50	15 19	0 37	18 21	0 59	22 6	0 33	20 48	0 39	2 8	0 49	7 29	1 25	18 24	4 4	17 4	17 26	25 0	14 52	6 40
T 3	7 16	3s41	3 54	0 49	4 50	14 58	0 39	18 11	1 0	22 6	0 32	20 47	0 39	2 9	0 49	7 29	1 25	18 24	4 4	17 5	17 27	24 59	14 51	6 40
F 4	6 54	9 26	4 34	0 30	4 49	14 37	0 41	18 0	1 0	22 7	0 32	20 47	0 39	2 10	0 49	7 28	1 25	18 24	4 5	17 7	17 28	24 57	14 50	6 41
S 5	6 32	14 51	5 1	0 8	4 46	14 15	0 43	17 50	1 1	22 7	0 32	20 46	0 38	2 10	0 49	7 28	1 25	18 23	4 5	17 8	17 29	24 56	14 49	6 41
S 6	6 10	19 39	5 12	0n16	4 41	13 53	0 46	17 39	1 1	22 8	0 32	20 45	0 38	2 11	0 49	7 27	1 25	18 23	4 5	17 9	17 29	24 54	14 48	6 42
M 7	5 48	23 30	5 5	0 42	4 34	13 30	0 48	17 28	1 2	22 8	0 32	20 44	0 38	2 12	0 49	7 27	1 25	18 22	4 5	17 10	17 30	24 53	14 46	6 42
T 8	5 25	26 3	4 41	1 10	4 26	13 7	0 50	17 17	1 2	22 9	0 32	20 43	0 38	2 13	0 49	7 27	1 25	18 22	4 5	17 10	17 31	24 51	14 45	6 42
W 9	5 3	27 1	4 0	1 39	4 15	12 44	0 52	17 6	1 2	22 10	0 31	20 42	0 38	2 14	0 49	7 26	1 26	18 22	4 5	17 10	17 32	24 50	14 44	6 43
T 10	4 41	26 13	3 3	2 10	4 3	12 20	0 54	16 55	1 3	22 10	0 31	20 41	0 38	2 15	0 49	7 26	1 26	18 21	4 5	17 10	17 33	24 48	14 43	6 43
F 11	4 18	23 41	1 55	2 40	3 49	11 56	0 56	16 44	1 3	22 11	0 31	20 40	0 38	2 16	0 50	7 25	1 26	18 21	4 5	17 10	17 34	24 47	14 42	6 44
S 12	3 56	19 38	0 39	3 11	3 34	11 32	0 58	16 33	1 4	22 12	0 31	20 39	0 38	2 17	0 50	7 24	1 26	18 20	4 5	17 10	17 35	24 45	14 41	6 44
S 13	3 33	14 25	0n39	3 41	3 17	11 7	1 0	16 22	1 4	22 12	0 31	20 38	0 38	2 18	0 50	7 24	1 26	18 20	4 6	17 10	17 35	24 44	14 40	6 45
M14	3 10	8 24	1 55	4 9	3 0	10 42	1 1	16 10	1 5	22 13	0 30	20 38	0 38	2 19	0 50	7 23	1 26	18 20	4 6	17 10	17 36	24 42	14 39	6 45
T 15	2 48	2 2	3 2	4 36	2 42	10 17	1 3	15 59	1 5	22 14	0 30	20 37	0 38	2 20	0 50	7 23	1 26	18 19	4 6	17 11	17 37	24 41	14 38	6 46
W16	2 25	4n19	3 58	5 1	2 23	9 52	1 5	15 47	1 6	22 14	0 30	20 36	0 38	2 21	0 50	7 22	1 26	18 19	4 6	17 13	17 38	24 39	14 37	6 46
T 17	2 2	10 20	4 38	5 23	2 4	9 26	1 6	15 35	1 6	22 15	0 30	20 35	0 38	2 22	0 50	7 22	1 26	18 19	4 6	17 14	17 39	24 38	14 36	6 47
F 18	1 39	15 42	5 1	5 42	1 45	9 0	1 8	15 24	1 7	22 16	0 30	20 34	0 38	2 23	0 50	7 21	1 26	18 18	4 6	17 16	17 40	24 36	14 35	6 47
S 19	1 16	20 13	5 9	5 58	1 26	8 33	1 10	15 12	1 7	22 17	0 30	20 33	0 38	2 24	0 50	7 21	1 26	18 18	4 6	17 18	17 40	24 34	14 34	6 48
S 20	0 53	23 40	5 0	6 11	1 8	8 7	1 11	15 0	1 8	22 17	0 29	20 33	0 38	2 25	0 50	7 20	1 26	18 18	4 6	17 20	17 41	24 33	14 33	6 48
M21	0 31	25 54	4 38	6 20	0 50	7 40	1 12	14 48	1 8	22 18	0 29	20 32	0 38	2 25	0 50	7 20	1 26	18 17	4 7	17 21	17 42	24 31	14 32	6 49
T 22	0 8	26 53	4 3	6 25	0 32	7 13	1 14	14 35	1 9	22 19	0 29	20 31	0 38	2 26	0 50	7 19	1 26	18 17	4 7	17 22	17 43	24 30	14 30	6 49
W23	0s15	26 36	3 18	6 26	0 15	6 45	1 15	14 23	1 9	22 20	0 29	20 30	0 38	2 27	0 49	7 18	1 26	18 17	4 7	17 22	17 44	24 28	14 29	6 50
T 24	0 38	25 5	2 26	6 23	0n 1	6 18	1 16	14 11	1 10	22 20	0 29	20 29	0 38	2 28	0 49	7 18	1 26	18 16	4 7	17 22	17 45	24 27	14 28	6 50
F 25	1 1	22 28	1 27	6 16	0 16	5 50	1 17	13 59	1 10	22 21	0 28	20 29	0 38	2 29	0 49	7 17	1 26	18 16	4 7	17 21	17 46	24 25	14 27	6 51
S 26	1 24	18 53	0 24	6 6	0 30	5 22	1 18	13 46	1 10	22 22	0 28	20 28	0 38	2 30	0 49	7 17	1 26	18 16	4 7	17 21	17 46	24 23	14 26	6 51
S 27	1 47	14 29	0s41	5 52	0 42	4 54	1 20	13 34	1 11	22 23	0 28	20 27	0 38	2 31	0 49	7 16	1 26	18 15	4 7	17 21	17 47	24 22	14 25	6 52
M28	2 10	9 26	1 45	5 34	0 54	4 26	1 20	13 21	1 11	22 23	0 28	20 27	0 38	2 32	0 49	7 15	1 26	18 15	4 8	17 22	17 48	24 20	14 24	6 53
T 29	2 33	3 55	2 45	5 12	1 5	3 58	1 21	13 8	1 12	22 24	0 28	20 26	0 38	2 33	0 49	7 15	1 26	18 15	4 8	17 23	17 49	24 19	14 23	6 53
W30	2s56	1s52	3s38	4n48	1n14	3n29	1n22	12n56	1n12	22s25	0n28	20n25	0s38	2s34	0s49	7n14	1s26	18n15	4n 8	17s25	17s50	24n17	14n22	6s54

Julian Day Number = 2883139.5, Delta T = 01h16m20s
Ecliptic obliquity = 23°17'18, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°17'20, Lahiri = 40°24'21

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ASTRODIENST EPHEMERIS for the year 3181
geocentric

OCTOBER 3181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 40 25	8♎24'59	9♎25	22♍14	25♍36	29♌29	19♐37	24♋50	25°R23	22°R 7	21♌15	10°R39	9♒12	16♋28	24♋ 4	T 1
F 2	0 44 22	9°23'22	22°51	23°48	26°50	0♍ 7	19°45	24°53	25♓21	22♈ 5	21°17	10♒30	9° 9	16°35	24° 7	F 2
S 3	0 48 18	10°21'47	6♏31	25°26	28° 4	0°45	19°53	24°57	25°19	22° 4	21°18	10°20	9° 5	16°42	24° 9	S 3
S 4	0 52 15	11°20'14	20°22	27° 7	29°19	1°23	20° 1	25° 1	25°16	22° 2	21°19	10°11	9° 2	16°48	24°12	S 4
M 5	0 56 11	12°18'43	4♐22	28°51	0♎33	2° 0	20°10	25° 4	25°14	22° 1	21°20	10° 3	8°59	16°55	24°14	M 5
T 6	1 0 8	13°17'13	18°26	0♎37	1°47	2°38	20°18	25° 8	25°12	21°59	21°21	9°58	8°56	17° 2	24°16	T 6
W 7	1 4 4	14°15'45	2♑33	2°25	3° 2	3°15	20°27	25°11	25°10	21°57	21°23	9°56	8°53	17° 8	24°19	W 7
T 8	1 8 1	15°14'18	16°41	4°14	4°16	3°53	20°36	25°14	25° 7	21°56	21°24	9°D55	8°49	17°15	24°21	T 8
F 9	1 11 58	16°12'53	0♒48	6° 4	5°31	4°30	20°45	25°18	25° 5	21°54	21°25	9°56	8°46	17°22	24°23	F 9
S 10	1 15 54	17°11'29	14°54	7°54	6°45	5° 8	20°54	25°21	25° 3	21°52	21°26	9°R56	8°43	17°28	24°25	S 10
S 11	1 19 51	18°10'07	28°57	9°45	8° 0	5°45	21° 3	25°24	25° 1	21°51	21°27	9°55	8°40	17°35	24°27	S 11
M12	1 23 47	19° 8'47	12♓55	11°36	9°14	6°22	21°12	25°26	24°59	21°49	21°28	9°51	8°37	17°42	24°28	M12
T 13	1 27 44	20° 7'28	26°46	13°27	10°29	7° 0	21°21	25°29	24°57	21°47	21°29	9°44	8°34	17°48	24°30	T 13
W14	1 31 40	21° 6'11	10♈26	15°17	11°43	7°37	21°31	25°32	24°55	21°46	21°30	9°35	8°30	17°55	24°32	W14
T 15	1 35 37	22° 4'56	23°54	17° 7	12°58	8°14	21°40	25°34	24°53	21°44	21°31	9°24	8°27	18° 2	24°33	T 15
F 16	1 39 33	23° 3'42	7♉ 6	18°57	14°13	8°51	21°50	25°37	24°51	21°42	21°32	9°12	8°24	18° 8	24°35	F 16
S 17	1 43 30	24° 2'31	20° 0	20°46	15°27	9°28	22° 0	25°39	24°49	21°41	21°33	9° 0	8°21	18°15	24°36	S 17
S 18	1 47 27	25° 1'22	2♊36	22°35	16°42	10° 5	22° 9	25°41	24°47	21°39	21°34	8°49	8°18	18°22	24°38	S 18
M19	1 51 23	26° 0'15	14°56	24°22	17°57	10°42	22°19	25°44	24°45	21°37	21°35	8°40	8°15	18°28	24°39	M19
T 20	1 55 20	26°59'10	27° 1	26° 9	19°11	11°19	22°30	25°46	24°43	21°36	21°35	8°34	8°11	18°35	24°40	T 20
W21	1 59 16	27°58'08	8♋56	27°56	20°26	11°56	22°40	25°48	24°41	21°34	21°36	8°31	8° 8	18°42	24°41	W21
T 22	2 3 13	28°57'08	20°45	29°41	21°41	12°33	22°50	25°49	24°39	21°32	21°37	8°29	8° 5	18°48	24°42	T 22
F 23	2 7 9	29°56'09	2♌34	1♏26	22°56	13° 9	23° 0	25°51	24°37	21°31	21°38	8°29	8° 2	18°55	24°43	F 23
S 24	2 11 6	0♏55'13	14°27	3° 9	24°10	13°46	23°11	25°53	24°35	21°29	21°39	8°29	7°59	19° 1	24°44	S 24
S 25	2 15 2	1°54'20	26°31	4°52	25°25	14°22	23°21	25°54	24°34	21°28	21°39	8°28	7°55	19° 8	24°45	S 25
M26	2 18 59	2°53'28	8♍51	6°34	26°40	14°59	23°32	25°56	24°32	21°26	21°40	8°25	7°52	19°15	24°45	M26
T 27	2 22 56	3°52'39	21°30	8°16	27°55	15°36	23°43	25°57	24°30	21°24	21°41	8°20	7°49	19°21	24°46	T 27
W28	2 26 52	4°51'52	4♎31	9°56	29°10	16°12	23°53	25°58	24°29	21°23	21°41	8°12	7°46	19°28	24°47	W28
T 29	2 30 49	5°51'06	17°55	11°36	0♏25	16°48	24° 4	25°59	24°27	21°21	21°42	8° 1	7°43	19°35	24°47	T 29
F 30	2 34 45	6°50'24	1♏42	13°15	1°40	17°25	24°15	26° 0	24°25	21°19	21°43	7°49	7°40	19°41	24°47	F 30
S 31	2 38 42	7♏49'43	15♏47	14♏54	2♏55	18♍ 1	24♐26	26♋ 1	24♓24	21♈18	21♌43	7♒36	7♒36	19♋48	24♋48	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s19	7s43	4s21	4n20	1n23	3n 1	1n23	12n43	1n13	22s26	0n27	20n25	0s38	2s35	0s49	7n14	1s26	18n14	4n 8	17s27	17s51	24n15	14n21	6s54
F 2	3 42	13 19	4 50	3 49	1 30	2 32	1 24	12 30	1 13	22 26	0 27	20 24	0 38	2 36	0 49	7 13	1 26	18 14	4 8	17 30	17 51	24 14	14 20	6 55
S 3	4 5	18 23	5 3	3 16	1 36	2 3	1 24	12 17	1 14	22 27	0 27	20 23	0 38	2 37	0 49	7 12	1 26	18 14	4 8	17 33	17 52	24 12	14 19	6 55
S 4	4 27	22 32	4 59	2 41	1 41	1 34	1 25	12 4	1 14	22 28	0 27	20 23	0 38	2 37	0 49	7 12	1 26	18 14	4 8	17 35	17 53	24 10	14 18	6 56
M 5	4 50	25 25	4 37	2 3	1 44	1 5	1 25	11 51	1 14	22 29	0 27	20 22	0 38	2 38	0 49	7 11	1 26	18 13	4 9	17 37	17 54	24 9	14 17	6 57
T 6	5 13	26 45	3 59	1 24	1 47	0 36	1 26	11 38	1 15	22 30	0 27	20 21	0 38	2 39	0 49	7 11	1 26	18 13	4 9	17 38	17 55	24 7	14 16	6 57
W 7	5 35	26 21	3 5	0 43	1 49	0 7	1 26	11 25	1 15	22 30	0 26	20 21	0 38	2 40	0 49	7 10	1 26	18 13	4 9	17 39	17 56	24 6	14 16	6 58
T 8	5 58	24 15	2 1	0 1	1 50	0s22	1 27	11 12	1 16	22 31	0 26	20 20	0 38	2 41	0 49	7 9	1 26	18 13	4 9	17 39	17 56	24 4	14 15	6 58
F 9	6 20	20 38	0 48	0s42	1 51	0 51	1 27	10 59	1 16	22 32	0 26	20 20	0 38	2 42	0 49	7 9	1 26	18 12	4 9	17 39	17 57	24 2	14 14	6 59
S 10	6 43	15 51	0n26	1 26	1 50	1 20	1 27	10 46	1 17	22 33	0 26	20 19	0 38	2 43	0 49	7 8	1 26	18 12	4 9	17 39	17 58	24 1	14 13	7 0
S 11	7 5	10 13	1 39	2 10	1 49	1 49	1 27	10 32	1 17	22 33	0 26	20 19	0 37	2 43	0 49	7 7	1 26	18 12	4 10	17 39	17 59	23 59	14 12	7 0
M12	7 27	4 7	2 46	2 55	1 47	2 18	1 27	10 19	1 18	22 34	0 26	20 18	0 37	2 44	0 49	7 7	1 26	18 12	4 10	17 40	18 0	23 57	14 11	7 1
T 13	7 49	2n 7	3 42	3 40	1 44	2 47	1 27	10 6	1 18	22 35	0 26	20 18	0 37	2 45	0 49	7 6	1 26	18 12	4 10	17 42	18 0	23 55	14 10	7 1
W14	8 11	8 9	4 24	4 25	1 41	3 16	1 27	9 52	1 18	22 36	0 25	20 17	0 37	2 46	0 49	7 6	1 26	18 12	4 10	17 44	18 1	23 54	14 9	7 2
T 15	8 33	13 43	4 51	5 11	1 38	3 45	1 27	9 39	1 19	22 36	0 25	20 17	0 37	2 47	0 49	7 5	1 26	18 11	4 10	17 47	18 2	23 52	14 8	7 3
F 16	8 55	18 32	5 1	5 56	1 34	4 14	1 27	9 26	1 19	22 37	0 25	20 16	0 37	2 47	0 49	7 4	1 26	18 11	4 10	17 51	18 3	23 50	14 7	7 3
S 17	9 16	22 23	4 56	6 41	1 29	4 43	1 26	9 12	1 20	22 38	0 25	20 16	0 37	2 48	0 49	7 4	1 26	18 11	4 10	17 54	18 4	23 49	14 7	7 4
S 18	9 38	25 4	4 36	7 25	1 25	5 12	1 26	8 59	1 20	22 39	0 25	20 16	0 37	2 49	0 49	7 3	1 26	18 11	4 11	17 56	18 5	23 47	14 6	7 4
M19	9 59	26 29	4 4	8 9	1 20	5 41	1 26	8 45	1 21	22 39	0 25	20 15	0 37	2 50	0 49	7 3	1 26	18 11	4 11	17 59	18 5	23 45	14 5	7 5
T 20	10 20	26 36	3 21	8 53	1 14	6 9	1 25	8 32	1 21	22 40	0 25	20 15	0 37	2 50	0 49	7 2	1 26	18 11	4 11	18 0	18 6	23 43	14 4	7 6
W21	10 41	25 29	2 30	9 36	1 9	6 38	1 24	8 18	1 21	22 41	0 24	20 15	0 37	2 51	0 49	7 1	1 26	18 11	4 11	18 1	18 7	23 42	14 3	7 6
T 22	11 2	23 13	1 33	10 19	1 3	7 6	1 24	8 4	1 22	22 41	0 24	20 14	0 37	2 52	0 49	7 1	1 26	18 10	4 11	18 2	18 8	23 40	14 3	7 7
F 23	11 23	19 58	0 31	11 1	0 57	7 34	1 23	7 51	1 22	22 42	0 24	20 14	0 37	2 53	0 49	7 0	1 26	18 10	4 11	18 2	18 9	23 38	14 2	7 8
S 24	11 43	15 53	0s32	11 42	0 50	8 2	1 22	7 37	1 23	22 43	0 24	20 14	0 37	2 53	0 49	6 59	1 26	18 10	4 12	18 2	18 9	23 36	14 1	7 8
S 25	12 4	11 7	1 34	12 22	0 44	8 30	1 22	7 23	1 23	22 44	0 24	20 13	0 37	2 54	0 49	6 59	1 26	18 10	4 12	18 2	18 10	23 35	14 0	7 9
M26	12 24	5 50	2 33	13 2	0 37	8 58	1 21	7 10	1 23	22 44	0 24	20 13	0 37	2 55	0 49	6 58	1 26	18 10	4 12	18 3	18 11	23 33	14 0	7 9
T 27	12 44	0 11	3 27	13 41	0 31	9 25	1 20	6 56	1 24	22 45	0 24	20 13	0 37	2 55	0 49	6 58	1 26	18 10	4 12	18 4	18 12	23 31	13 59	7 10
W28	13 4	5s37	4 11	14 19	0 24	9 53	1 19	6 42	1 24	22 45	0 23	20 13	0 37	2 56	0 49	6 57	1 26	18 10	4 12	18 6	18 13	23 29	13 58	7 11
T 29	13 23	11 20	4 42	14 57	0 17	10 20	1 18	6 29	1 25	22 46	0 23	20 13	0 37	2 56	0 49	6 56	1 26	18 10	4 13	18 9	18 14	23 27	13 57	7 11
F 30	13 43	16 39	4 59	15 33	0 10	10 47	1 17	6 15	1 25	22 47	0 23	20 12	0 37	2 57	0 49	6 56	1 26	18 10	4 13	18 12	18 14	23 26	13 57	7 12
S 31	14s 2	21s12	4s57	16s 9	0n 3	11s13	1n16	6n 1	1n26	22s47	0n23	20n12	0s37	2s58	0s49	6n55	1s26	18n10	4n13	18s15	18s15	23n24	13n56	7s13

Julian Day Number = 2883169.5, Delta T = 01h16m21s
Ecliptic obliquity = 23°17'18, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°17'25, Lahiri = 40°24'25

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ASTRODIENST EPHEMERIS for the year 3181
geocentric

NOVEMBER 3181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 42 38	8♏49'04	0♐ 6	16♏31	4♏10	18♍37	24♐38	26♋ 2	24°R22	21°R16	21♌44	7°R25	7♒33	19♋55	24♋48	S 1
M 2	2 46 35	9°48'27	14°32	18° 8	5°25	19°13	24°49	26° 3	24♓21	21♈15	21°44	7♒16	7°30	20° 1	24°48	M 2
T 3	2 50 31	10°47'52	28°59	19°45	6°40	19°49	25° 0	26° 3	24°19	21°13	21°45	7° 9	7°27	20° 8	24°R48	T 3
W 4	2 54 28	11°47'18	13♑22	21°20	7°54	20°25	25°12	26° 3	24°18	21°12	21°45	7° 5	7°24	20°15	24°48	W 4
T 5	2 58 25	12°46'47	27°38	22°55	9° 9	21° 1	25°23	26° 4	24°17	21°10	21°46	7° 4	7°21	20°21	24°48	T 5
F 6	3 2 21	13°46'17	11♒45	24°30	10°25	21°37	25°35	26° 4	24°15	21° 9	21°46	7° 4	7°17	20°28	24°48	F 6
S 7	3 6 18	14°45'48	25°42	26° 3	11°40	22°13	25°46	26°R 4	24°14	21° 7	21°47	7° 4	7°14	20°35	24°47	S 7
S 8	3 10 14	15°45'21	9♓29	27°36	12°55	22°49	25°58	26° 4	24°13	21° 6	21°47	7° 2	7°11	20°41	24°47	S 8
M 9	3 14 11	16°44'56	23° 5	29° 9	14°10	23°24	26°10	26° 4	24°12	21° 4	21°47	6°58	7° 8	20°48	24°46	M 9
T 10	3 18 7	17°44'32	6♈32	0♐41	15°25	24° 0	26°22	26° 4	24°11	21° 3	21°48	6°51	7° 5	20°55	24°46	T 10
W11	3 22 4	18°44'10	19°49	2°12	16°40	24°35	26°33	26° 3	24° 9	21° 1	21°48	6°41	7° 1	21° 1	24°45	W11
T 12	3 26 0	19°43'50	2♉54	3°43	17°55	25°11	26°45	26° 3	24° 8	21° 0	21°48	6°29	6°58	21° 8	24°45	T 12
F 13	3 29 57	20°43'32	15°46	5°13	19°10	25°46	26°57	26° 2	24° 7	20°58	21°49	6°16	6°55	21°14	24°44	F 13
S 14	3 33 54	21°43'16	28°25	6°43	20°25	26°22	27°10	26° 1	24° 6	20°57	21°49	6° 3	6°52	21°21	24°43	S 14
S 15	3 37 50	22°43'02	10♊50	8°12	21°40	26°57	27°22	26° 1	24° 6	20°56	21°49	5°52	6°49	21°28	24°42	S 15
M16	3 41 47	23°42'50	23° 2	9°40	22°55	27°32	27°34	26° 0	24° 5	20°54	21°49	5°42	6°46	21°34	24°41	M16
T 17	3 45 43	24°42'40	5♋ 3	11° 8	24°10	28° 7	27°46	25°59	24° 4	20°53	21°49	5°35	6°42	21°41	24°40	T 17
W18	3 49 40	25°42'31	16°55	12°35	25°25	28°42	27°59	25°58	24° 3	20°52	21°50	5°31	6°39	21°48	24°39	W18
T 19	3 53 36	26°42'25	28°43	14° 2	26°41	29°17	28°11	25°56	24° 2	20°51	21°50	5°29	6°36	21°54	24°37	T 19
F 20	3 57 33	27°42'21	10♌30	15°28	27°56	29°52	28°23	25°55	24° 2	20°49	21°50	5°D29	6°33	22° 1	24°36	F 20
S 21	4 1 29	28°42'19	22°22	16°54	29°11	0♎27	28°36	25°53	24° 1	20°48	21°50	5°30	6°30	22° 8	24°34	S 21
S 22	4 5 26	29°42'20	4♍24	18°18	0♐26	1° 2	28°49	25°52	24° 1	20°47	21°R50	5°R30	6°27	22°14	24°33	S 22
M23	4 9 23	0♐42'22	16°42	19°42	1°41	1°37	29° 1	25°50	24° 0	20°46	21°50	5°29	6°23	22°21	24°31	M23
T 24	4 13 19	1°42'26	29°20	21° 5	2°56	2°11	29°14	25°48	24° 0	20°44	21°50	5°25	6°20	22°28	24°30	T 24
W25	4 17 16	2°42'32	12♎24	22°28	4°12	2°46	29°27	25°47	23°59	20°43	21°50	5°19	6°17	22°34	24°28	W25
T 26	4 21 12	3°42'40	25°54	23°49	5°27	3°20	29°39	25°45	23°59	20°42	21°50	5°11	6°14	22°41	24°26	T 26
F 27	4 25 9	4°42'51	9♏51	25° 9	6°42	3°55	29°52	25°42	23°58	20°41	21°49	5° 1	6°11	22°48	24°24	F 27
S 28	4 29 5	5°43'03	24°13	26°28	7°57	4°29	0♑ 5	25°40	23°58	20°40	21°49	4°51	6° 7	22°54	24°22	S 28
S 29	4 33 2	6°43'17	8♐53	27°46	9°12	5° 3	0°18	25°38	23°58	20°39	21°49	4°42	6° 4	23° 1	24°20	S 29
M30	4 36 58	7♐43'33	23♐43	29♐ 3	10♐28	5♎37	0♑31	25♋36	23♓58	20♈38	21♌49	4♒35	6♒ 1	23♋ 8	24♋18	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s21	24s34	4s37	16s44	0s 4	11s39	1n14	5n48	1n26	22s48	0n23	20n12	0s37	2s58	0s49	6n55	1s26	18n10	4n13	18s18	18s16	23n22	13n55	7s13
M 2	14 40	26 22	4 0	17 18	0 10	12 6	1 13	5 34	1 26	22 48	0 23	20 12	0 37	2 59	0 49	6 54	1 26	18 10	4 13	18 20	18 17	23 20	13 55	7 14
T 3	14 58	26 24	3 7	17 50	0 17	12 31	1 12	5 20	1 27	22 49	0 23	20 12	0 37	2 59	0 49	6 54	1 26	18 10	4 13	18 22	18 18	23 18	13 54	7 14
W 4	15 17	24 38	2 2	18 22	0 24	12 57	1 10	5 7	1 27	22 50	0 23	20 12	0 37	3 0	0 49	6 53	1 26	18 10	4 14	18 23	18 18	23 17	13 54	7 15
T 5	15 35	21 19	0 50	18 53	0 31	13 22	1 9	4 53	1 28	22 50	0 22	20 12	0 37	3 0	0 49	6 52	1 26	18 10	4 14	18 23	18 19	23 15	13 53	7 16
F 6	15 52	16 45	0n25	19 23	0 38	13 47	1 7	4 39	1 28	22 51	0 22	20 12	0 37	3 1	0 49	6 52	1 26	18 10	4 14	18 23	18 20	23 13	13 52	7 16
S 7	16 10	11 21	1 37	19 52	0 45	14 11	1 6	4 26	1 28	22 51	0 22	20 12	0 37	3 1	0 49	6 51	1 26	18 10	4 14	18 23	18 21	23 11	13 52	7 17
S 8	16 27	5 27	2 42	20 20	0 52	14 35	1 4	4 12	1 29	22 52	0 22	20 12	0 37	3 2	0 49	6 51	1 26	18 10	4 14	18 24	18 22	23 9	13 51	7 18
M 9	16 44	0n37	3 38	20 47	0 58	14 59	1 3	3 58	1 29	22 52	0 22	20 12	0 37	3 2	0 48	6 50	1 26	18 10	4 14	18 25	18 22	23 7	13 51	7 18
T 10	17 1	6 34	4 20	21 13	1 5	15 23	1 1	3 45	1 30	22 52	0 22	20 12	0 37	3 2	0 48	6 50	1 26	18 10	4 15	18 27	18 23	23 6	13 50	7 19
W11	17 17	12 9	4 48	21 38	1 11	15 46	0 59	3 31	1 30	22 53	0 22	20 12	0 37	3 3	0 48	6 49	1 26	18 10	4 15	18 29	18 24	23 4	13 50	7 19
T 12	17 33	17 6	5 0	22 2	1 18	16 8	0 58	3 17	1 30	22 53	0 22	20 12	0 37	3 3	0 48	6 49	1 26	18 10	4 15	18 32	18 25	23 2	13 49	7 20
F 13	17 49	21 11	4 57	22 24	1 24	16 31	0 56	3 4	1 31	22 54	0 21	20 12	0 37	3 4	0 48	6 48	1 26	18 10	4 15	18 35	18 26	23 0	13 49	7 21
S 14	18 5	24 12	4 39	22 46	1 30	16 52	0 54	2 50	1 31	22 54	0 21	20 13	0 37	3 4	0 48	6 48	1 26	18 10	4 15	18 38	18 26	22 58	13 48	7 21
S 15	18 20	26 1	4 7	23 7	1 36	17 14	0 52	2 37	1 32	22 54	0 21	20 13	0 37	3 4	0 48	6 47	1 26	18 11	4 16	18 41	18 27	22 56	13 48	7 22
M16	18 35	26 31	3 25	23 26	1 41	17 35	0 50	2 23	1 32	22 55	0 21	20 13	0 37	3 5	0 48	6 47	1 26	18 11	4 16	18 44	18 28	22 54	13 47	7 22
T 17	18 50	25 46	2 34	23 44	1 47	17 55	0 48	2 9	1 33	22 55	0 21	20 13	0 36	3 5	0 48	6 46	1 26	18 11	4 16	18 45	18 29	22 52	13 47	7 23
W18	19 4	23 50	1 37	24 1	1 52	18 15	0 46	1 56	1 33	22 55	0 21	20 14	0 36	3 5	0 48	6 46	1 26	18 11	4 16	18 46	18 30	22 51	13 47	7 24
T 19	19 18	20 53	0 36	24 17	1 58	18 34	0 44	1 43	1 33	22 56	0 21	20 14	0 36	3 5	0 48	6 45	1 26	18 11	4 16	18 47	18 30	22 49	13 46	7 24
F 20	19 31	17 4	0s27	24 32	2 3	18 53	0 42	1 29	1 34	22 56	0 21	20 14	0 36	3 6	0 48	6 45	1 26	18 11	4 17	18 47	18 31	22 47	13 46	7 25
S 21	19 45	12 34	1 29	24 45	2 7	19 12	0 40	1 16	1 34	22 56	0 21	20 14	0 36	3 6	0 48	6 45	1 26	18 11	4 17	18 47	18 32	22 45	13 46	7 25
S 22	19 58	7 32	2 28	24 58	2 12	19 30	0 38	1 2	1 35	22 57	0 20	20 15	0 36	3 6	0 48	6 44	1 26	18 12	4 17	18 47	18 33	22 43	13 45	7 26
M23	20 10	2 7	3 22	25 9	2 16	19 47	0 36	0 49	1 35	22 57	0 20	20 15	0 36	3 6	0 48	6 44	1 26	18 12	4 17	18 47	18 33	22 41	13 45	7 26
T 24	20 22	3s31	4 7	25 19	2 20	20 4	0 33	0 36	1 35	22 57	0 20	20 15	0 36	3 6	0 48	6 43	1 26	18 12	4 17	18 48	18 34	22 39	13 45	7 27
W25	20 34	9 11	4 41	25 28	2 23	20 20	0 31	0 22	1 36	22 57	0 20	20 16	0 36	3 6	0 48	6 43	1 26	18 12	4 17	18 49	18 35	22 37	13 45	7 28
T 26	20 46	14 37	5 1	25 35	2 27	20 36	0 29	0 9	1 36	22 57	0 20	20 16	0 36	3 7	0 48	6 43	1 26	18 12	4 18	18 51	18 36	22 35	13 44	7 28
F 27	20 57	19 28	5 3	25 41	2 30	20 51	0 27	0s 4	1 36	22 57	0 20	20 17	0 36	3 7	0 48	6 42	1 26	18 13	4 18	18 53	18 37	22 33	13 44	7 29
S 28	21 7	23 21	4 48	25 46	2 32	21 6	0 24	0 17	1 37	22 57	0 20	20 17	0 36	3 7	0 48	6 42	1 26	18 13	4 18	18 56	18 37	22 31	13 44	7 29
S 29	21 18	25 48	4 13	25 50	2 34	21 20	0 22	0 30	1 37	22 58	0 20	20 18	0 36	3 7	0 48	6 41	1 26	18 13	4 18	18 58	18 38	22 29	13 44	7 30
M30	21s28	26s28	3s20	25s53	2s36	21s33	0n20	0s43	1n38	22s58	0n20	20n18	0s36	3s 7	0s48	6n41	1s26	18n13	4n18	19s 0	18s39	22n27	13n44	7s30

Julian Day Number = 2883200.5, Delta T = 01h16m21s
Ecliptic obliquity = 23°17'17, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°17'29, Lahiri = 40°24'29

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ASTRODIENST EPHEMERIS for the year 3181
geocentric

DECEMBER 3181 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 40 55	8♐43'50	8♑36	0♑18	11♐43	6♎11	0♑44	25°R33	23°R58	20°R37	21°R49	4°R30	5♒58	23♋14	24°R16	T 1
W 2	4 44 52	9°44'09	23°23	1°31	12°58	6°45	0°57	25♋30	23♓57	20♈36	21♌49	4♒27	5°55	23°21	24♋14	W 2
T 3	4 48 48	10°44'29	7♒58	2°42	14°13	7°19	1°10	25°28	23°D57	20°35	21°48	4°D27	5°52	23°27	24°11	T 3
F 4	4 52 45	11°44'51	22°17	3°51	15°29	7°53	1°23	25°25	23°57	20°34	21°48	4°27	5°48	23°34	24° 9	F 4
S 5	4 56 41	12°45'14	6♓19	4°58	16°44	8°27	1°36	25°22	23°58	20°33	21°48	4°R28	5°45	23°41	24° 6	S 5
S 6	5 0 38	13°45'38	20° 3	6° 1	17°59	9° 0	1°49	25°19	23°58	20°32	21°47	4°28	5°42	23°47	24° 4	S 6
M 7	5 4 34	14°46'03	3♈30	7° 2	19°15	9°34	2° 2	25°16	23°58	20°32	21°47	4°26	5°39	23°54	24° 1	M 7
T 8	5 8 31	15°46'29	16°41	7°59	20°30	10° 7	2°16	25°13	23°58	20°31	21°47	4°22	5°36	24° 1	23°59	T 8
W 9	5 12 28	16°46'57	29°38	8°51	21°45	10°41	2°29	25°10	23°58	20°30	21°46	4°16	5°33	24° 7	23°56	W 9
T 10	5 16 24	17°47'26	12♉22	9°40	23° 0	11°14	2°42	25° 6	23°59	20°29	21°46	4° 9	5°29	24°14	23°53	T 10
F 11	5 20 21	18°47'57	24°55	10°22	24°16	11°47	2°56	25° 3	23°59	20°29	21°45	4° 0	5°26	24°21	23°50	F 11
S 12	5 24 17	19°48'28	7♊17	10°59	25°31	12°20	3° 9	24°59	23°59	20°28	21°45	3°51	5°23	24°27	23°47	S 12
S 13	5 28 14	20°49'02	19°28	11°30	26°46	12°53	3°22	24°56	24° 0	20°27	21°44	3°44	5°20	24°34	23°44	S 13
M14	5 32 10	21°49'36	1♋31	11°53	28° 1	13°26	3°36	24°52	24° 1	20°27	21°44	3°37	5°17	24°41	23°41	M14
T 15	5 36 7	22°50'12	13°25	12° 7	29°17	13°58	3°49	24°48	24° 1	20°26	21°43	3°33	5°13	24°47	23°38	T 15
W16	5 40 3	23°50'50	25°15	12°R13	0♑32	14°31	4° 2	24°44	24° 2	20°26	21°42	3°31	5°10	24°54	23°35	W16
T 17	5 44 0	24°51'28	7♌ 1	12° 9	1°47	15° 3	4°16	24°41	24° 2	20°25	21°42	3°D31	5° 7	25° 1	23°32	T 17
F 18	5 47 57	25°52'09	18°48	11°55	3° 3	15°36	4°29	24°37	24° 3	20°25	21°41	3°32	5° 4	25° 7	23°29	F 18
S 19	5 51 53	26°52'50	0♍40	11°29	4°18	16° 8	4°43	24°33	24° 4	20°24	21°41	3°33	5° 1	25°14	23°25	S 19
S 20	5 55 50	27°53'33	12°41	10°53	5°33	16°40	4°56	24°28	24° 5	20°24	21°40	3°35	4°58	25°20	23°22	S 20
M21	5 59 46	28°54'18	24°56	10° 6	6°49	17°12	5°10	24°24	24° 6	20°23	21°39	3°R36	4°54	25°27	23°19	M21
T 22	6 3 43	29°55'04	7♎30	9° 8	8° 4	17°44	5°23	24°20	24° 7	20°23	21°38	3°36	4°51	25°34	23°15	T 22
W23	6 7 39	0♑55'51	20°28	8° 1	9°19	18°16	5°37	24°16	24° 8	20°23	21°38	3°34	4°48	25°40	23°12	W23
T 24	6 11 36	1°56'40	3♏53	6°47	10°35	18°48	5°50	24°11	24° 9	20°22	21°37	3°31	4°45	25°47	23° 8	T 24
F 25	6 15 32	2°57'30	17°47	5°27	11°50	19°19	6° 4	24° 7	24°10	20°22	21°36	3°27	4°42	25°54	23° 5	F 25
S 26	6 19 29	3°58'22	2♐ 8	4° 4	13° 5	19°51	6°18	24° 3	24°11	20°22	21°35	3°22	4°39	26° 0	23° 1	S 26
S 27	6 23 26	4°59'14	16°53	2°41	14°21	20°22	6°31	23°58	24°12	20°22	21°34	3°18	4°35	26° 7	22°58	S 27
M28	6 27 22	6° 0'08	1♑55	1°21	15°36	20°53	6°45	23°54	24°13	20°22	21°34	3°15	4°32	26°14	22°54	M28
T 29	6 31 19	7° 1'03	17° 5	0° 7	16°51	21°24	6°58	23°49	24°15	20°22	21°33	3°12	4°29	26°20	22°50	T 29
W30	6 35 15	8° 1'59	2♒13	29♐ 0	18° 7	21°55	7°12	23°44	24°16	20°22	21°32	3°D12	4°26	26°27	22°47	W30
T 31	6 39 12	9♑ 2'55	17♒11	28♐ 2	19♑22	22♎26	7♑25	23♋40	24♓17	20♈21	21♌31	3♒12	4♒23	26♋34	22♋43	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s37	25 s14	2 s14	25 s54	2 s37	21 s46	0n17	0 s56	1n38	22 s58	0n19	20n19	0 s36	3 s 7	0 s48	6n41	1 s26	18n13	4n19	19 s 1	18 s40	22n25	13n43	7 s31
W 2	21 46	22 15	0 59	25 54	2 38	21 58	0 15	1 9	1 38	22 58	0 19	20 19	0 36	3 7	0 48	6 40	1 26	18 14	4 19	19 2	18 40	22 23	13 43	7 31
T 3	21 55	17 51	0n19	25 53	2 38	22 9	0 13	1 22	1 39	22 58	0 19	20 20	0 36	3 7	0 48	6 40	1 25	18 14	4 19	19 2	18 41	22 21	13 43	7 32
F 4	22 3	12 30	1 35	25 51	2 37	22 20	0 10	1 35	1 39	22 58	0 19	20 20	0 36	3 7	0 48	6 40	1 25	18 14	4 19	19 2	18 42	22 19	13 43	7 32
S 5	22 11	6 37	2 43	25 48	2 36	22 30	0 8	1 48	1 40	22 58	0 19	20 21	0 36	3 7	0 47	6 39	1 25	18 14	4 19	19 1	18 43	22 17	13 43	7 33
S 6	22 18	0 32	3 40	25 43	2 34	22 39	0 5	2 1	1 40	22 58	0 19	20 21	0 36	3 7	0 47	6 39	1 25	18 15	4 19	19 1	18 44	22 15	13 43	7 33
M 7	22 25	5n26	4 24	25 37	2 31	22 48	0 3	2 13	1 40	22 57	0 19	20 22	0 36	3 7	0 47	6 39	1 25	18 15	4 20	19 2	18 44	22 13	13 43	7 34
T 8	22 32	11 2	4 53	25 31	2 28	22 56	0 1	2 26	1 41	22 57	0 19	20 23	0 36	3 6	0 47	6 39	1 25	18 15	4 20	19 3	18 45	22 11	13 43	7 34
W 9	22 38	16 3	5 7	25 23	2 24	23 4	0 s 2	2 39	1 41	22 57	0 19	20 23	0 35	3 6	0 47	6 38	1 25	18 16	4 20	19 4	18 46	22 9	13 43	7 35
T 10	22 44	20 17	5 5	25 14	2 18	23 10	0 4	2 51	1 42	22 57	0 19	20 24	0 35	3 6	0 47	6 38	1 25	18 16	4 20	19 6	18 47	22 7	13 43	7 35
F 11	22 49	23 32	4 48	25 5	2 12	23 16	0 7	3 4	1 42	22 57	0 19	20 25	0 35	3 6	0 47	6 38	1 25	18 16	4 20	19 8	18 47	22 5	13 43	7 35
S 12	22 54	25 37	4 18	24 54	2 4	23 22	0 9	3 16	1 42	22 57	0 18	20 25	0 35	3 6	0 47	6 38	1 25	18 17	4 20	19 10	18 48	22 3	13 43	7 36
S 13	22 58	26 28	3 36	24 43	1 56	23 26	0 11	3 28	1 43	22 56	0 18	20 26	0 35	3 5	0 47	6 38	1 25	18 17	4 21	19 12	18 49	22 1	13 43	7 36
M14	23 2	26 2	2 45	24 31	1 46	23 30	0 14	3 41	1 43	22 56	0 18	20 27	0 35	3 5	0 47	6 37	1 25	18 17	4 21	19 13	18 50	21 59	13 43	7 37
T 15	23 6	24 24	1 47	24 19	1 35	23 33	0 16	3 53	1 44	22 56	0 18	20 27	0 35	3 5	0 47	6 37	1 25	18 18	4 21	19 14	18 51	21 57	13 43	7 37
W16	23 9	21 41	0 45	24 5	1 22	23 36	0 19	4 5	1 44	22 56	0 18	20 28	0 35	3 5	0 47	6 37	1 25	18 18	4 21	19 15	18 51	21 55	13 43	7 37
T 17	23 11	18 6	0 s19	23 52	1 8	23 38	0 21	4 17	1 44	22 55	0 18	20 29	0 35	3 4	0 47	6 37	1 25	18 18	4 21	19 15	18 52	21 53	13 44	7 38
F 18	23 13	13 47	1 23	23 38	0 52	23 39	0 23	4 29	1 45	22 55	0 18	20 30	0 35	3 4	0 47	6 37	1 25	18 19	4 21	19 15	18 53	21 51	13 44	7 38
S 19	23 15	8 56	2 23	23 23	0 36	23 39	0 26	4 41	1 45	22 55	0 18	20 30	0 35	3 4	0 47	6 37	1 25	18 19	4 22	19 14	18 54	21 49	13 44	7 39
S 20	23 16	3 43	3 18	23 8	0 18	23 38	0 28	4 53	1 46	22 54	0 18	20 31	0 35	3 3	0 47	6 36	1 25	18 19	4 22	19 14	18 54	21 47	13 44	7 39
M21	23 17	1 s45	4 5	22 53	0n 1	23 37	0 30	5 5	1 46	22 54	0 18	20 32	0 35	3 3	0 47	6 36	1 25	18 20	4 22	19 14	18 55	21 45	13 44	7 39
T 22	23 17	7 16	4 41	22 37	0 21	23 35	0 33	5 17	1 46	22 53	0 17	20 33	0 35	3 2	0 47	6 36	1 25	18 20	4 22	19 14	18 56	21 43	13 45	7 40
W23	23 17	12 39	5 5	22 21	0 41	23 33	0 35	5 28	1 47	22 53	0 17	20 34	0 35	3 2	0 47	6 36	1 25	18 21	4 22	19 14	18 57	21 41	13 45	7 40
T 24	23 16	17 39	5 13	22 6	1 2	23 29	0 37	5 40	1 47	22 52	0 17	20 34	0 34	3 2	0 47	6 36	1 25	18 21	4 22	19 15	18 57	21 39	13 45	7 40
F 25	23 15	21 53	5 4	21 50	1 21	23 25	0 39	5 51	1 48	22 52	0 17	20 35	0 34	3 1	0 47	6 36	1 25	18 21	4 23	19 16	18 58	21 37	13 45	7 40
S 26	23 14	24 57	4 35	21 34	1 40	23 20	0 42	6 3	1 48	22 51	0 17	20 36	0 34	3 1	0 47	6 36	1 25	18 22	4 23	19 17	18 59	21 34	13 46	7 41
S 27	23 12	26 25	3 48	21 19	1 57	23 15	0 44	6 14	1 48	22 51	0 17	20 37	0 34	3 0	0 47	6 36	1 25	18 22	4 23	19 18	19 0	21 32	13 46	7 41
M28	23 9	26 0	2 44	21 5	2 12	23 9	0 46	6 25	1 49	22 50	0 17	20 38	0 34	3 0	0 47	6 36	1 25	18 23	4 23	19 19	19 0	21 30	13 46	7 41
T 29	23 6	23 39	1 28	20 52	2 25	23 2	0 48	6 36	1 49	22 49	0 17	20 39	0 34	2 59	0 46	6 36	1 24	18 23	4 23	19 19	19 1	21 28	13 47	7 41
W30	23 3	19 38	0 5	20 42	2 35	22 54	0 50	6 47	1 50	22 49	0 17	20 40	0 34	2 59	0 46	6 36	1 24	18 24	4 23	19 19	19 2	21 26	13 47	7 42
T 31	22 s59	14 s22	1n16	20 s33	2n44	22 s46	0 s52	6 s58	1n50	22 s48	0n17	20n40	0 s34	2 s58	0 s46	6n36	1 s24	18n24	4n24	19 s19	19 s 3	21n24	13n47	7 s42

Julian Day Number = 2883230.5, Delta T = 01h16m22s
Ecliptic obliquity = 23°17'16, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°17'33, Lahiri = 40°24'33

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3182
geocentric

JANUARY 3182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 43 8	10♑ 3'52	1♓50	27°R15	20♑37	22♎56	7♑39	23°R35	24♓19	20°D21	21°R30	3♒13	4♒19	26♋40	22°R39	F 1
S 2	6 47 5	11° 4'50	16° 7	26♐38	21°53	23°27	7°53	23♋30	24°20	20♈22	21♌29	3°15	4°16	26°47	22♋35	S 2
S 3	6 51 2	12° 5'48	0♈ 1	26°13	23° 8	23°57	8° 6	23°25	24°22	20°22	21°28	3°16	4°13	26°54	22°31	S 3
M 4	6 54 58	13° 6'46	13°30	25°59	24°23	24°27	8°20	23°21	24°23	20°22	21°27	3°R16	4°10	27° 0	22°28	M 4
T 5	6 58 55	14° 7'45	26°37	25°D55	25°39	24°57	8°33	23°16	24°25	20°22	21°26	3°16	4° 7	27° 7	22°24	T 5
W 6	7 2 51	15° 8'44	9♉26	26° 1	26°54	25°27	8°47	23°11	24°27	20°22	21°25	3°14	4° 4	27°13	22°20	W 6
T 7	7 6 48	16° 9'44	21°57	26°16	28° 9	25°57	9° 0	23° 6	24°28	20°22	21°24	3°12	4° 0	27°20	22°16	T 7
F 8	7 10 44	17°10'44	4♊16	26°40	29°25	26°26	9°14	23° 1	24°30	20°22	21°23	3°10	3°57	27°27	22°12	F 8
S 9	7 14 41	18°11'44	16°23	27°11	0♒40	26°56	9°28	22°56	24°32	20°23	21°22	3° 7	3°54	27°33	22° 8	S 9
S 10	7 18 37	19°12'45	28°23	27°48	1°55	27°25	9°41	22°51	24°34	20°23	21°21	3° 5	3°51	27°40	22° 4	S 10
M11	7 22 34	20°13'46	10♋16	28°32	3°10	27°54	9°55	22°46	24°36	20°23	21°19	3° 3	3°48	27°47	22° 0	M11
T 12	7 26 31	21°14'48	22° 6	29°21	4°26	28°23	10° 8	22°41	24°38	20°24	21°18	3° 3	3°45	27°53	21°56	T 12
W13	7 30 27	22°15'50	3♌54	0♑14	5°41	28°51	10°21	22°36	24°39	20°24	21°17	3°D 2	3°41	28° 0	21°52	W13
T 14	7 34 24	23°16'53	15°41	1°12	6°56	29°20	10°35	22°31	24°42	20°25	21°16	3° 3	3°38	28° 7	21°49	T 14
F 15	7 38 20	24°17'56	27°32	2°13	8°12	29°48	10°48	22°26	24°44	20°25	21°15	3° 3	3°35	28°13	21°45	F 15
S 16	7 42 17	25°18'59	9♍28	3°18	9°27	0♏16	11° 2	22°21	24°46	20°26	21°14	3° 4	3°32	28°20	21°41	S 16
S 17	7 46 13	26°20'03	21°33	4°25	10°42	0°44	11°15	22°17	24°48	20°26	21°12	3° 5	3°29	28°27	21°37	S 17
M18	7 50 10	27°21'07	3♎50	5°35	11°57	1°12	11°28	22°12	24°50	20°27	21°11	3° 6	3°25	28°33	21°33	M18
T 19	7 54 6	28°22'12	16°23	6°47	13°13	1°39	11°42	22° 7	24°52	20°27	21°10	3° 6	3°22	28°40	21°29	T 19
W20	7 58 3	29°23'18	29°15	8° 2	14°28	2° 7	11°55	22° 2	24°54	20°28	21° 9	3°R 6	3°19	28°47	21°25	W20
T 21	8 2 0	0♒24'23	12♏31	9°18	15°43	2°34	12° 8	21°57	24°57	20°29	21° 8	3° 6	3°16	28°53	21°21	T 21
F 22	8 5 56	1°25'30	26°13	10°35	16°58	3° 1	12°22	21°52	24°59	20°29	21° 6	3° 6	3°13	29° 0	21°17	F 22
S 23	8 9 53	2°26'36	10♐21	11°54	18°14	3°27	12°35	21°47	25° 1	20°30	21° 5	3° 6	3°10	29° 6	21°13	S 23
S 24	8 13 49	3°27'43	24°55	13°14	19°29	3°54	12°48	21°42	25° 4	20°31	21° 4	3°D 6	3° 6	29°13	21°10	S 24
M25	8 17 46	4°28'50	9♑49	14°36	20°44	4°20	13° 1	21°38	25° 6	20°32	21° 2	3° 6	3° 3	29°20	21° 6	M25
T 26	8 21 42	5°29'58	24°58	15°58	21°59	4°46	13°14	21°33	25° 9	20°33	21° 1	3° 6	3° 0	29°26	21° 2	T 26
W27	8 25 39	6°31'05	10♒11	17°22	23°14	5°12	13°27	21°28	25°11	20°34	21° 0	3°R 6	2°57	29°33	20°58	W27
T 28	8 29 35	7°32'12	25°21	18°46	24°30	5°37	13°40	21°24	25°14	20°34	20°59	3° 6	2°54	29°40	20°55	T 28
F 29	8 33 32	8°33'19	10♓16	20°11	25°45	6° 2	13°53	21°19	25°16	20°35	20°57	3° 5	2°51	29°46	20°51	F 29
S 30	8 37 29	9°34'25	24°50	21°37	27° 0	6°27	14° 6	21°14	25°19	20°36	20°56	3° 5	2°47	29°53	20°47	S 30
S 31	8 41 25	10♒35'31	8♈58	23♑ 4	28♒15	6♏52	14♑19	21♋10	25♓22	20♈37	20♌55	3♒ 4	2♒44	29♋59	20♋43	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s55	8s24	2n32	20s26	2n50	22s37	0s54	7s 9	1n50	22s47	0n17	20n41	0s34	2s57	0s46	6n36	1s24	18n25	4n24	19s19	19s 3	21n22	13n48	7s42
S 2	22 50	2 8	3 35	20 21	2 53	22 27	0 56	7 20	1 51	22 47	0 17	20 42	0 34	2 57	0 46	6 36	1 24	18 25	4 24	19 18	19 4	21 20	13 48	7 42
S 3	22 44	4n 3	4 24	20 19	2 55	22 17	0 58	7 31	1 51	22 46	0 16	20 43	0 34	2 56	0 46	6 36	1 24	18 25	4 24	19 18	19 5	21 18	13 49	7 42
M 4	22 39	9 52	4 57	20 19	2 55	22 5	1 0	7 41	1 51	22 45	0 16	20 44	0 34	2 55	0 46	6 36	1 24	18 26	4 24	19 18	19 6	21 15	13 49	7 43
T 5	22 33	15 5	5 14	20 21	2 53	21 54	1 2	7 52	1 52	22 45	0 16	20 45	0 33	2 55	0 46	6 36	1 24	18 26	4 24	19 18	19 6	21 13	13 49	7 43
W 6	22 26	19 30	5 14	20 24	2 50	21 41	1 4	8 2	1 52	22 44	0 16	20 46	0 33	2 54	0 46	6 36	1 24	18 27	4 24	19 19	19 7	21 11	13 50	7 43
T 7	22 19	22 57	4 59	20 29	2 45	21 28	1 6	8 13	1 53	22 43	0 16	20 47	0 33	2 53	0 46	6 37	1 24	18 27	4 25	19 19	19 8	21 9	13 50	7 43
F 8	22 12	25 18	4 31	20 35	2 40	21 15	1 7	8 23	1 53	22 42	0 16	20 48	0 33	2 53	0 46	6 37	1 24	18 28	4 25	19 20	19 9	21 7	13 51	7 43
S 9	22 4	26 25	3 51	20 41	2 34	21 0	1 9	8 33	1 53	22 41	0 16	20 49	0 33	2 52	0 46	6 37	1 24	18 28	4 25	19 20	19 9	21 5	13 51	7 43
S 10	21 55	26 17	3 1	20 49	2 27	20 45	1 11	8 43	1 54	22 40	0 16	20 49	0 33	2 51	0 46	6 37	1 24	18 29	4 25	19 21	19 10	21 2	13 52	7 43
M11	21 46	24 56	2 3	20 57	2 20	20 30	1 12	8 53	1 54	22 39	0 16	20 50	0 33	2 50	0 46	6 37	1 24	18 29	4 25	19 21	19 11	21 0	13 52	7 43
T 12	21 37	22 29	1 0	21 5	2 12	20 14	1 14	9 3	1 55	22 38	0 16	20 51	0 33	2 50	0 46	6 37	1 24	18 30	4 25	19 21	19 12	20 58	13 53	7 43
W13	21 28	19 5	0s 5	21 13	2 4	19 57	1 15	9 12	1 55	22 38	0 16	20 52	0 33	2 49	0 46	6 38	1 24	18 30	4 25	19 21	19 12	20 56	13 54	7 43
T 14	21 18	14 55	1 10	21 21	1 55	19 40	1 17	9 22	1 55	22 37	0 16	20 53	0 33	2 48	0 46	6 38	1 24	18 31	4 26	19 21	19 13	20 54	13 54	7 43
F 15	21 7	10 11	2 12	21 29	1 47	19 22	1 18	9 31	1 56	22 36	0 16	20 54	0 32	2 47	0 46	6 38	1 24	18 31	4 26	19 21	19 14	20 52	13 55	7 43
S 16	20 56	5 3	3 9	21 37	1 38	19 3	1 20	9 41	1 56	22 35	0 15	20 55	0 32	2 46	0 46	6 38	1 24	18 32	4 26	19 21	19 15	20 49	13 55	7 44
S 17	20 45	0s19	3 58	21 44	1 29	18 44	1 21	9 50	1 57	22 34	0 15	20 56	0 32	2 45	0 46	6 38	1 24	18 32	4 26	19 21	19 15	20 47	13 56	7 43
M18	20 33	5 46	4 38	21 50	1 21	18 25	1 22	9 59	1 57	22 32	0 15	20 57	0 32	2 44	0 46	6 39	1 24	18 33	4 26	19 21	19 16	20 45	13 56	7 43
T 19	20 21	11 5	5 5	21 55	1 12	18 5	1 23	10 8	1 57	22 31	0 15	20 58	0 32	2 44	0 46	6 39	1 24	18 33	4 26	19 20	19 17	20 43	13 57	7 43
W20	20 9	16 5	5 17	22 0	1 3	17 44	1 24	10 17	1 58	22 30	0 15	20 58	0 32	2 43	0 46	6 39	1 24	18 34	4 26	19 20	19 17	20 41	13 58	7 43
T 21	19 56	20 29	5 14	22 4	0 54	17 23	1 25	10 26	1 58	22 29	0 15	20 59	0 32	2 42	0 46	6 40	1 24	18 34	4 26	19 20	19 18	20 38	13 58	7 43
F 22	19 43	23 55	4 53	22 7	0 45	17 1	1 26	10 35	1 58	22 28	0 15	21 0	0 32	2 41	0 46	6 40	1 23	18 35	4 26	19 20	19 19	20 36	13 59	7 43
S 23	19 29	26 2	4 13	22 9	0 37	16 39	1 27	10 43	1 59	22 27	0 15	21 1	0 32	2 40	0 46	6 40	1 23	18 35	4 27	19 21	19 20	20 34	14 0	7 43
S 24	19 15	26 28	3 17	22 10	0 28	16 17	1 28	10 52	1 59	22 26	0 15	21 2	0 31	2 39	0 46	6 41	1 23	18 36	4 27	19 21	19 20	20 32	14 0	7 43
M25	19 1	25 1	2 6	22 10	0 20	15 54	1 29	11 0	2 0	22 25	0 15	21 3	0 31	2 38	0 46	6 41	1 23	18 36	4 27	19 21	19 21	20 29	14 1	7 43
T 26	18 47	21 45	0 45	22 9	0 12	15 30	1 30	11 9	2 0	22 23	0 15	21 4	0 31	2 37	0 45	6 41	1 23	18 37	4 27	19 20	19 22	20 27	14 2	7 43
W27	18 32	16 57	0n39	22 6	0 4	15 7	1 30	11 17	2 0	22 22	0 15	21 5	0 31	2 36	0 45	6 42	1 23	18 37	4 27	19 20	19 23	20 25	14 2	7 43
T 28	18 16	11 6	2 1	22 3	0s 4	14 42	1 31	11 25	2 1	22 21	0 15	21 5	0 31	2 35	0 45	6 42	1 23	18 38	4 27	19 21	19 23	20 23	14 3	7 43
F 29	18 1	4 42	3 12	21 59	0 12	14 18	1 32	11 33	2 1	22 20	0 15	21 6	0 31	2 34	0 45	6 42	1 23	18 38	4 27	19 21	19 24	20 20	14 4	7 42
S 30	17 45	1n47	4 10	21 53	0 20	13 53	1 32	11 40	2 1	22 18	0 14	21 7	0 31	2 33	0 45	6 43	1 23	18 39	4 27	19 21	19 25	20 18	14 4	7 42
S 31	17s28	7n59	4n50	21s46	0s27	13s27	1s33	11s48	2n 2	22s17	0n14	21n 8	0s31	2s32	0s45	6n43	1s23	18n39	4n27	19s21	19s25	20n16	14n 5	7s42

Julian Day Number = 2883261.5, Delta T = 01h16m22s
Ecliptic obliquity = 23°17'16, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°17'37, Lahiri = 40°24'38

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ASTRODIENST EPHEMERIS for the year 3182
geocentric

FEBRUARY 3182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 45 22	11♒36'36	22♈38	24♑31	29♒30	7♏17	14♑32	21°R 5	25♓24	20♈38	20°R53	3°R 3	2♒41	0♌ 6	20°R40	M 1
T 2	8 49 18	12°37'41	5♉52	25°59	0♓45	7°41	14°45	21♋ 1	25°27	20°40	20♌52	3♒ 2	2°38	0°13	20♋36	T 2
W 3	8 53 15	13°38'45	18°41	27°28	2° 0	8° 5	14°58	20°56	25°30	20°41	20°51	3°D 2	2°35	0°20	20°33	W 3
T 4	8 57 11	14°39'48	1♊10	28°57	3°16	8°28	15°11	20°52	25°33	20°42	20°49	3° 3	2°31	0°26	20°29	T 4
F 5	9 1 8	15°40'51	13°22	0♒27	4°31	8°52	15°23	20°48	25°36	20°43	20°48	3° 4	2°28	0°33	20°26	F 5
S 6	9 5 4	16°41'53	25°22	1°57	5°46	9°15	15°36	20°44	25°38	20°44	20°46	3° 5	2°25	0°39	20°22	S 6
S 7	9 9 1	17°42'55	7♋14	3°28	7° 1	9°37	15°48	20°40	25°41	20°45	20°45	3° 7	2°22	0°46	20°19	S 7
M 8	9 12 58	18°43'56	19° 2	5° 0	8°16	10° 0	16° 1	20°35	25°44	20°47	20°44	3° 8	2°19	0°53	20°16	M 8
T 9	9 16 54	19°44'56	0♌49	6°32	9°31	10°22	16°13	20°31	25°47	20°48	20°42	3°R 8	2°16	0°59	20°13	T 9
W10	9 20 51	20°45'55	12°38	8° 5	10°46	10°44	16°26	20°28	25°50	20°49	20°41	3° 8	2°12	1° 6	20° 9	W10
T 11	9 24 47	21°46'54	24°31	9°38	12° 1	11° 5	16°38	20°24	25°53	20°51	20°40	3° 7	2° 9	1°13	20° 6	T 11
F 12	9 28 44	22°47'52	6♍30	11°12	13°16	11°26	16°51	20°20	25°56	20°52	20°38	3° 4	2° 6	1°19	20° 3	F 12
S 13	9 32 40	23°48'49	18°36	12°47	14°30	11°47	17° 3	20°16	25°59	20°53	20°37	3° 1	2° 3	1°26	20° 0	S 13
S 14	9 36 37	24°49'46	0♎52	14°22	15°45	12° 8	17°15	20°13	26° 2	20°55	20°36	2°58	2° 0	1°33	19°57	S 14
M15	9 40 33	25°50'42	13°19	15°58	17° 0	12°28	17°27	20° 9	26° 5	20°56	20°34	2°54	1°57	1°39	19°54	M15
T 16	9 44 30	26°51'38	25°59	17°34	18°15	12°48	17°39	20° 5	26° 8	20°58	20°33	2°51	1°53	1°46	19°51	T 16
W17	9 48 27	27°52'33	8♏54	19°11	19°30	13° 7	17°51	20° 2	26°11	20°59	20°32	2°48	1°50	1°53	19°48	W17
T 18	9 52 23	28°53'27	22° 7	20°49	20°45	13°26	18° 3	19°59	26°14	21° 1	20°30	2°47	1°47	1°59	19°46	T 18
F 19	9 56 20	29°54'21	5♐40	22°27	21°59	13°44	18°15	19°56	26°18	21° 2	20°29	2°D47	1°44	2° 6	19°43	F 19
S 20	10 0 16	0♓55'14	19°33	24° 7	23°14	14° 3	18°27	19°52	26°21	21° 4	20°28	2°48	1°41	2°13	19°40	S 20
S 21	10 4 13	1°56'07	3♑48	25°46	24°29	14°20	18°38	19°49	26°24	21° 6	20°26	2°49	1°37	2°19	19°38	S 21
M22	10 8 9	2°56'59	18°22	27°27	25°44	14°38	18°50	19°46	26°27	21° 7	20°25	2°51	1°34	2°26	19°35	M22
T 23	10 12 6	3°57'50	3♒12	29° 8	26°58	14°55	19° 1	19°44	26°31	21° 9	20°24	2°R51	1°31	2°32	19°33	T 23
W24	10 16 2	4°58'41	18°12	0♓50	28°13	15°11	19°13	19°41	26°34	21°11	20°22	2°50	1°28	2°39	19°30	W24
T 25	10 19 59	5°59'30	3♓14	2°33	29°27	15°27	19°24	19°38	26°37	21°12	20°21	2°48	1°25	2°46	19°28	T 25
F 26	10 23 56	7° 0'18	18° 8	4°17	0♈42	15°43	19°36	19°36	26°40	21°14	20°20	2°44	1°22	2°52	19°26	F 26
S 27	10 27 52	8° 1'05	2♈47	6° 1	1°57	15°58	19°47	19°33	26°44	21°16	20°18	2°38	1°18	2°59	19°24	S 27
S 28	10 31 49	9♓ 1'50	17♈ 4	7♓46	3♈11	16♏13	19♑58	19♋31	26♓47	21♈18	20♌17	2♒33	1♒15	3♌ 6	19♋22	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s12	13n35	5n13	21s38	0s34	13s 1	1s33	11s56	2n 2	22s16	0n14	21n 9	0s30	2s30	0s45	6n44	1s23	18n40	4n27	19s21	19s26	20n14	14n 6	7s42
T 2	16 55	18 23	5 17	21 29	0 41	12 35	1 33	12 3	2 3	22 14	0 14	21 9	0 30	2 29	0 45	6 44	1 23	18 40	4 28	19 21	19 27	20 11	14 7	7 42
W 3	16 37	22 10	5 6	21 19	0 48	12 9	1 33	12 10	2 3	22 13	0 14	21 10	0 30	2 28	0 45	6 44	1 23	18 41	4 28	19 21	19 28	20 9	14 7	7 41
T 4	16 20	24 50	4 40	21 7	0 54	11 42	1 34	12 17	2 3	22 12	0 14	21 11	0 30	2 27	0 45	6 45	1 23	18 42	4 28	19 21	19 28	20 7	14 8	7 41
F 5	16 2	26 16	4 3	20 55	1 1	11 15	1 34	12 24	2 4	22 10	0 14	21 12	0 30	2 26	0 45	6 45	1 23	18 42	4 28	19 21	19 29	20 5	14 9	7 41
S 6	15 44	26 27	3 15	20 41	1 7	10 48	1 34	12 31	2 4	22 9	0 14	21 13	0 30	2 25	0 45	6 46	1 23	18 43	4 28	19 21	19 30	20 2	14 10	7 41
S 7	15 26	25 24	2 19	20 26	1 12	10 20	1 34	12 38	2 4	22 8	0 14	21 13	0 30	2 24	0 45	6 46	1 23	18 43	4 28	19 20	19 30	20 0	14 10	7 40
M 8	15 7	23 13	1 17	20 9	1 18	9 52	1 33	12 45	2 5	22 6	0 14	21 14	0 30	2 23	0 45	6 47	1 23	18 44	4 28	19 20	19 31	19 58	14 11	7 40
T 9	14 48	20 3	0 13	19 52	1 23	9 24	1 33	12 51	2 5	22 5	0 14	21 15	0 29	2 21	0 45	6 47	1 23	18 44	4 28	19 20	19 32	19 55	14 12	7 40
W10	14 29	16 4	0s52	19 33	1 28	8 55	1 33	12 58	2 5	22 3	0 14	21 16	0 29	2 20	0 45	6 48	1 23	18 45	4 28	19 20	19 33	19 53	14 13	7 39
T 11	14 9	11 27	1 56	19 13	1 33	8 26	1 33	13 4	2 6	22 2	0 14	21 16	0 29	2 19	0 45	6 48	1 23	18 45	4 28	19 20	19 33	19 51	14 13	7 39
F 12	13 50	6 22	2 54	18 52	1 38	7 58	1 32	13 10	2 6	22 1	0 14	21 17	0 29	2 18	0 45	6 49	1 23	18 46	4 28	19 21	19 34	19 48	14 14	7 39
S 13	13 30	1 1	3 45	18 30	1 42	7 28	1 32	13 16	2 6	21 59	0 13	21 18	0 29	2 17	0 45	6 50	1 23	18 46	4 28	19 22	19 35	19 46	14 15	7 38
S 14	13 10	4s26	4 27	18 6	1 46	6 59	1 31	13 22	2 7	21 58	0 13	21 18	0 29	2 15	0 45	6 50	1 23	18 47	4 28	19 22	19 35	19 44	14 16	7 38
M15	12 49	9 47	4 57	17 42	1 49	6 29	1 30	13 28	2 7	21 56	0 13	21 19	0 29	2 14	0 45	6 51	1 23	18 47	4 29	19 23	19 36	19 41	14 16	7 38
T 16	12 29	14 49	5 12	17 16	1 53	6 0	1 30	13 33	2 7	21 55	0 13	21 20	0 28	2 13	0 45	6 51	1 23	18 48	4 29	19 24	19 37	19 39	14 17	7 37
W17	12 8	19 19	5 13	16 49	1 56	5 30	1 29	13 39	2 8	21 53	0 13	21 20	0 28	2 12	0 45	6 52	1 22	18 48	4 29	19 25	19 38	19 37	14 18	7 37
T 18	11 47	22 58	4 57	16 20	1 58	5 0	1 28	13 44	2 8	21 52	0 13	21 21	0 28	2 10	0 45	6 53	1 22	18 49	4 29	19 25	19 38	19 34	14 19	7 37
F 19	11 26	25 27	4 24	15 51	2 1	4 30	1 27	13 49	2 8	21 50	0 13	21 21	0 28	2 9	0 45	6 53	1 22	18 49	4 29	19 25	19 39	19 32	14 19	7 36
S 20	11 5	26 28	3 36	15 20	2 3	3 59	1 26	13 54	2 8	21 49	0 13	21 22	0 28	2 8	0 45	6 54	1 22	18 50	4 29	19 25	19 40	19 30	14 20	7 36
S 21	10 43	25 47	2 33	14 48	2 4	3 29	1 25	13 59	2 9	21 47	0 13	21 23	0 28	2 7	0 45	6 54	1 22	18 50	4 29	19 24	19 40	19 27	14 21	7 35
M22	10 21	23 20	1 19	14 15	2 6	2 59	1 24	14 4	2 9	21 46	0 13	21 23	0 28	2 5	0 45	6 55	1 22	18 50	4 29	19 24	19 41	19 25	14 22	7 35
T 23	10 0	19 17	0n 2	13 41	2 6	2 28	1 23	14 9	2 9	21 44	0 13	21 24	0 27	2 4	0 45	6 56	1 22	18 51	4 29	19 24	19 42	19 23	14 22	7 34
W24	9 38	13 58	1 23	13 5	2 7	1 57	1 22	14 13	2 10	21 43	0 13	21 24	0 27	2 3	0 45	6 56	1 22	18 51	4 29	19 24	19 42	19 20	14 23	7 34
T 25	9 15	7 47	2 39	12 29	2 7	1 27	1 20	14 18	2 10	21 41	0 13	21 25	0 27	2 1	0 45	6 57	1 22	18 52	4 29	19 25	19 43	19 18	14 24	7 34
F 26	8 53	1 15	3 43	11 51	2 7	0 56	1 19	14 22	2 10	21 40	0 13	21 25	0 27	2 0	0 45	6 58	1 22	18 52	4 29	19 26	19 44	19 16	14 25	7 33
S 27	8 31	5n15	4 31	11 12	2 6	0 25	1 17	14 26	2 10	21 38	0 13	21 26	0 27	1 59	0 45	6 58	1 22	18 53	4 29	19 27	19 45	19 13	14 25	7 33
S 28	8s 8	11n17	5n 0	10s32	2s 5	0n 6	1s16	14s30	2n11	21s36	0n12	21n26	0s27	1s57	0s45	6n59	1s22	18n53	4n29	19s28	19s45	19n11	14n26	7s32

Julian Day Number = 2883292.5, Delta T = 01h16m23s
Ecliptic obliquity = 23°17'16, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°17'42, Lahiri = 40°24'42

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ASTRODIENST EPHEMERIS for the year 3182
geocentric

MARCH 3182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 35 45	10♓ 2'34	0♉54	9♓32	4♈26	16♏27	20♑ 9	19°R29	26♓50	21♈19	20°R16	2°R27	1♒12	3♌12	19°R20	M 1
T 2	10 39 42	11° 3'17	14°16	11°19	5°40	16°40	20°20	19♋26	26°54	21°21	20♌15	2♒22	1° 9	3°19	19♋18	T 2
W 3	10 43 38	12° 3'58	27°11	13° 6	6°54	16°53	20°31	19°24	26°57	21°23	20°13	2°19	1° 6	3°26	19°16	W 3
T 4	10 47 35	13° 4'38	9♊43	14°54	8° 9	17° 6	20°41	19°22	27° 0	21°25	20°12	2°D18	1° 2	3°32	19°14	T 4
F 5	10 51 31	14° 5'16	21°56	16°43	9°23	17°18	20°52	19°21	27° 4	21°27	20°11	2°18	0°59	3°39	19°13	F 5
S 6	10 55 28	15° 5'53	3♋55	18°33	10°38	17°30	21° 3	19°19	27° 7	21°29	20°10	2°20	0°56	3°46	19°11	S 6
S 7	10 59 25	16° 6'28	15°45	20°23	11°52	17°41	21°13	19°17	27°11	21°31	20° 8	2°21	0°53	3°52	19° 9	S 7
M 8	11 3 21	17° 7'01	27°32	22°14	13° 6	17°51	21°24	19°16	27°14	21°33	20° 7	2°R22	0°50	3°59	19° 8	M 8
T 9	11 7 18	18° 7'33	9♌19	24° 5	14°20	18° 1	21°34	19°14	27°17	21°35	20° 6	2°22	0°47	4° 5	19° 7	T 9
W10	11 11 14	19° 8'02	21°11	25°57	15°34	18°10	21°44	19°13	27°21	21°37	20° 5	2°20	0°43	4°12	19° 5	W10
T 11	11 15 11	20° 8'31	3♍10	27°49	16°48	18°19	21°54	19°12	27°24	21°39	20° 4	2°16	0°40	4°19	19° 4	T 11
F 12	11 19 7	21° 8'57	15°19	29°41	18° 2	18°27	22° 4	19°11	27°28	21°41	20° 3	2° 9	0°37	4°25	19° 3	F 12
S 13	11 23 4	22° 9'23	27°40	1♈32	19°16	18°35	22°14	19°10	27°31	21°43	20° 1	2° 1	0°34	4°32	19° 2	S 13
S 14	11 27 0	23° 9'46	10♎13	3°24	20°30	18°41	22°24	19° 9	27°34	21°45	20° 0	1°51	0°31	4°39	19° 1	S 14
M15	11 30 57	24°10'08	22°58	5°15	21°44	18°48	22°33	19° 8	27°38	21°47	19°59	1°42	0°28	4°45	19° 0	M15
T 16	11 34 54	25°10'29	5♏55	7° 5	22°58	18°53	22°43	19° 8	27°41	21°49	19°58	1°33	0°24	4°52	18°59	T 16
W17	11 38 50	26°10'49	19° 5	8°54	24°12	18°58	22°52	19° 7	27°45	21°51	19°57	1°25	0°21	4°59	18°59	W17
T 18	11 42 47	27°11'07	2♐26	10°42	25°26	19° 3	23° 2	19° 7	27°48	21°53	19°56	1°20	0°18	5° 5	18°58	T 18
F 19	11 46 43	28°11'23	16° 1	12°27	26°39	19° 6	23°11	19° 6	27°52	21°55	19°55	1°17	0°15	5°12	18°58	F 19
S 20	11 50 40	29°11'39	29°48	14°10	27°53	19° 9	23°20	19° 6	27°55	21°57	19°54	1°D16	0°12	5°19	18°57	S 20
S 21	11 54 36	0♈11'53	13♑50	15°50	29° 7	19°11	23°29	19°D 6	27°59	21°59	19°53	1°17	0° 8	5°25	18°57	S 21
M22	11 58 33	1°12'05	28° 4	17°27	0♉20	19°13	23°38	19° 6	28° 2	22° 1	19°52	1°R18	0° 5	5°32	18°57	M22
T 23	12 2 29	2°12'17	12♒31	19° 0	1°34	19°13	23°46	19° 6	28° 5	22° 4	19°51	1°17	0° 2	5°38	18°56	T 23
W24	12 6 26	3°12'26	27° 6	20°28	2°47	19°R13	23°55	19° 7	28° 9	22° 6	19°50	1°15	29♑59	5°45	18°56	W24
T 25	12 10 23	4°12'34	11♓45	21°51	4° 1	19°13	24° 3	19° 7	28°12	22° 8	19°49	1° 9	29°56	5°52	18°D56	T 25
F 26	12 14 19	5°12'40	26°22	23° 8	5°14	19°11	24°12	19° 8	28°16	22°10	19°48	1° 2	29°53	5°58	18°56	F 26
S 27	12 18 16	6°12'45	10♈48	24°19	6°27	19° 9	24°20	19° 8	28°19	22°12	19°47	0°52	29°49	6° 5	18°56	S 27
S 28	12 22 12	7°12'48	24°58	25°23	7°41	19° 6	24°28	19° 9	28°23	22°15	19°47	0°41	29°46	6°12	18°57	S 28
M29	12 26 9	8°12'48	8♉46	26°20	8°54	19° 2	24°36	19°10	28°26	22°17	19°46	0°30	29°43	6°18	18°57	M29
T 30	12 30 5	9°12'47	22° 9	27° 9	10° 7	18°58	24°44	19°11	28°29	22°19	19°45	0°20	29°40	6°25	18°57	T 30
W31	12 34 2	10♈12'44	5♊ 8	27♈50	11♉20	18♏52	24♑51	19♋12	28♓33	22♈21	19♌44	0♒13	29♑37	6♌32	18♋58	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s45	16n34	5n11	9s51	2s 3	0n37	1s14	14s34	2n11	21s35	0n12	21n27	0s27	1s56	0s45	7n 0	1s22	18n54	4n29	19s29	19s46	19n 8	14n27	7s32
T 2	7 22	20 52	5 5	9 8	2 1	1 7	1 13	14 37	2 11	21 33	0 12	21 27	0 26	1 55	0 45	7 0	1 22	18 54	4 29	19 30	19 47	19 6	14 28	7 31
W 3	7 0	24 0	4 43	8 25	1 58	1 38	1 11	14 41	2 11	21 32	0 12	21 28	0 26	1 53	0 45	7 1	1 22	18 54	4 29	19 31	19 47	19 4	14 28	7 31
T 4	6 36	25 51	4 8	7 41	1 55	2 9	1 9	14 44	2 11	21 30	0 12	21 28	0 26	1 52	0 45	7 2	1 22	18 55	4 29	19 31	19 48	19 1	14 29	7 30
F 5	6 13	26 24	3 22	6 55	1 51	2 40	1 7	14 47	2 12	21 29	0 12	21 28	0 26	1 51	0 45	7 3	1 22	18 55	4 29	19 31	19 49	18 59	14 30	7 30
S 6	5 50	25 42	2 28	6 9	1 47	3 11	1 5	14 50	2 12	21 27	0 12	21 29	0 26	1 49	0 45	7 3	1 22	18 56	4 29	19 31	19 49	18 57	14 31	7 29
S 7	5 27	23 50	1 29	5 21	1 42	3 41	1 3	14 53	2 12	21 26	0 12	21 29	0 26	1 48	0 45	7 4	1 22	18 56	4 29	19 31	19 50	18 54	14 31	7 29
M 8	5 3	20 57	0 26	4 33	1 37	4 12	1 1	14 56	2 12	21 24	0 12	21 29	0 26	1 47	0 45	7 5	1 22	18 57	4 29	19 30	19 51	18 52	14 32	7 28
T 9	4 40	17 12	0s38	3 44	1 31	4 42	0 59	14 58	2 12	21 23	0 12	21 30	0 25	1 45	0 45	7 5	1 22	18 57	4 29	19 30	19 51	18 49	14 33	7 28
W10	4 16	12 46	1 40	2 54	1 24	5 13	0 57	15 1	2 12	21 21	0 12	21 30	0 25	1 44	0 45	7 6	1 22	18 57	4 29	19 31	19 52	18 47	14 33	7 27
T 11	3 53	7 49	2 39	2 3	1 17	5 43	0 55	15 3	2 12	21 20	0 12	21 30	0 25	1 43	0 45	7 7	1 22	18 58	4 29	19 32	19 53	18 44	14 34	7 27
F 12	3 29	2 30	3 31	1 12	1 10	6 13	0 53	15 5	2 12	21 18	0 12	21 31	0 25	1 41	0 45	7 8	1 22	18 58	4 29	19 33	19 53	18 42	14 35	7 26
S 13	3 6	2s58	4 13	0 20	1 1	6 43	0 50	15 7	2 12	21 17	0 12	21 31	0 25	1 40	0 45	7 9	1 22	18 58	4 29	19 35	19 54	18 40	14 35	7 25
S 14	2 42	8 23	4 45	0n33	0 52	7 13	0 48	15 9	2 12	21 15	0 12	21 31	0 25	1 39	0 45	7 9	1 22	18 59	4 29	19 37	19 55	18 37	14 36	7 25
M15	2 18	13 33	5 3	1 25	0 43	7 43	0 46	15 11	2 12	21 14	0 11	21 32	0 25	1 37	0 45	7 10	1 22	18 59	4 29	19 39	19 56	18 35	14 37	7 24
T 16	1 54	18 12	5 5	2 18	0 33	8 12	0 43	15 12	2 12	21 12	0 11	21 32	0 24	1 36	0 45	7 11	1 22	18 59	4 29	19 41	19 56	18 32	14 37	7 24
W17	1 31	22 3	4 52	3 10	0 22	8 42	0 41	15 14	2 12	21 11	0 11	21 32	0 24	1 34	0 45	7 12	1 22	19 0	4 29	19 43	19 57	18 30	14 38	7 23
T 18	1 7	24 48	4 22	4 3	0 11	9 11	0 38	15 15	2 12	21 9	0 11	21 32	0 24	1 33	0 45	7 12	1 22	19 0	4 29	19 44	19 58	18 27	14 39	7 23
F 19	0 43	26 10	3 38	4 55	0n 1	9 40	0 36	15 16	2 12	21 8	0 11	21 32	0 24	1 32	0 45	7 13	1 22	19 0	4 29	19 45	19 58	18 25	14 39	7 22
S 20	0 19	25 58	2 40	5 46	0 13	10 9	0 33	15 17	2 12	21 6	0 11	21 32	0 24	1 30	0 45	7 14	1 22	19 1	4 29	19 45	19 59	18 23	14 40	7 22
S 21	0n 5	24 6	1 32	6 36	0 26	10 37	0 30	15 18	2 12	21 5	0 11	21 33	0 24	1 29	0 45	7 15	1 22	19 1	4 29	19 45	20 0	18 20	14 41	7 21
M22	0 28	20 42	0 17	7 25	0 39	11 5	0 27	15 18	2 12	21 3	0 11	21 33	0 24	1 28	0 45	7 16	1 22	19 1	4 29	19 45	20 0	18 18	14 41	7 20
T 23	0 52	15 59	1n 0	8 12	0 52	11 33	0 25	15 19	2 12	21 2	0 11	21 33	0 24	1 26	0 45	7 16	1 22	19 2	4 29	19 45	20 1	18 15	14 42	7 20
W24	1 16	10 19	2 13	8 58	1 6	12 1	0 22	15 19	2 11	21 1	0 11	21 33	0 23	1 25	0 45	7 17	1 22	19 2	4 29	19 45	20 2	18 13	14 42	7 19
T 25	1 40	4 3	3 18	9 41	1 19	12 29	0 19	15 19	2 11	20 59	0 11	21 33	0 23	1 24	0 45	7 18	1 22	19 2	4 29	19 46	20 2	18 10	14 43	7 19
F 26	2 3	2n23	4 10	10 22	1 33	12 56	0 16	15 19	2 11	20 58	0 11	21 33	0 23	1 22	0 45	7 19	1 22	19 3	4 29	19 48	20 3	18 8	14 43	7 18
S 27	2 27	8 37	4 45	11 1	1 46	13 23	0 13	15 18	2 10	20 56	0 11	21 33	0 23	1 21	0 45	7 20	1 22	19 3	4 29	19 50	20 4	18 5	14 44	7 18
S 28	2 51	14 17	5 1	11 36	1 59	13 49	0 10	15 18	2 10	20 55	0 11	21 33	0 23	1 19	0 45	7 21	1 22	19 3	4 29	19 53	20 4	18 3	14 45	7 17
M29	3 14	19 4	5 0	12 9	2 12	14 16	0 7	15 17	2 10	20 54	0 10	21 33	0 23	1 18	0 45	7 21	1 22	19 3	4 29	19 55	20 5	18 0	14 45	7 16
T 30	3 38	22 44	4 42	12 38	2 24	14 42	0 4	15 17	2 9	20 52	0 10	21 33	0 23	1 17	0 45	7 22	1 22	19 4	4 29	19 57	20 6	17 58	14 46	7 16
W31	4n 1	25n 6	4n 9	13n 3	2n35	15n 7	0s 1	15s16	2n 9	20s51	0n10	21n33	0s22	1s15	0s45	7n23	1s22	19n 4	4n29	19s59	20s 6	17n55	14n46	7s15

Julian Day Number = 2883320.5, Delta T = 01h16m24s
Ecliptic obliquity = 23°17'16, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°17'45, Lahiri = 40°24'46

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ASTRODIENST EPHEMERIS for the year 3182
geocentric

APRIL 3182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 37 58	11♈12'39	17♊43	28♈23	12♉33	18°R46	24♑59	19♋13	28♓36	22♈23	19°R43	0°R 8	29♑34	6♌38	18♋59	T 1
F 2	12 41 55	12°12'32	29°58	28°48	13°46	18♏39	25° 6	19°14	28°40	22°26	19♌43	0♒ 5	29°30	6°45	18°59	F 2
S 3	12 45 51	13°12'23	11♋59	29° 4	14°59	18°32	25°14	19°16	28°43	22°28	19°42	0°D 5	29°27	6°52	19° 0	S 3
S 4	12 49 48	14°12'11	23°50	29°R11	16°12	18°23	25°21	19°17	28°46	22°30	19°41	0°R 5	29°24	6°58	19° 1	S 4
M 5	12 53 45	15°11'57	5♌37	29°10	17°25	18°14	25°28	19°19	28°50	22°33	19°40	0° 5	29°21	7° 5	19° 2	M 5
T 6	12 57 41	16°11'41	17°26	29° 1	18°38	18° 4	25°34	19°20	28°53	22°35	19°40	0° 3	29°18	7°11	19° 3	T 6
W 7	13 1 38	17°11'23	29°21	28°44	19°50	17°54	25°41	19°22	28°56	22°37	19°39	29♑59	29°14	7°18	19° 4	W 7
T 8	13 5 34	18°11'03	11♍27	28°19	21° 3	17°42	25°48	19°24	29° 0	22°39	19°38	29°54	29°11	7°25	19° 5	T 8
F 9	13 9 31	19°10'40	23°46	27°48	22°15	17°30	25°54	19°26	29° 3	22°42	19°38	29°45	29° 8	7°31	19° 6	F 9
S 10	13 13 27	20°10'16	6♎21	27°11	23°28	17°17	26° 0	19°28	29° 6	22°44	19°37	29°34	29° 5	7°38	19° 8	S 10
S 11	13 17 24	21° 9'49	19°12	26°29	24°40	17° 4	26° 6	19°31	29°10	22°46	19°37	29°21	29° 2	7°45	19° 9	S 11
M12	13 21 20	22° 9'21	2♏18	25°42	25°52	16°49	26°12	19°33	29°13	22°48	19°36	29° 8	28°59	7°51	19°11	M12
T 13	13 25 17	23° 8'51	15°39	24°53	27° 5	16°34	26°18	19°35	29°16	22°51	19°36	28°55	28°55	7°58	19°12	T 13
W14	13 29 14	24° 8'19	29°11	24° 2	28°17	16°19	26°23	19°38	29°19	22°53	19°35	28°45	28°52	8° 5	19°14	W14
T 15	13 33 10	25° 7'45	12♐53	23° 9	29°29	16° 2	26°29	19°41	29°22	22°55	19°35	28°37	28°49	8°11	19°16	T 15
F 16	13 37 7	26° 7'09	26°42	22°17	0♊41	15°45	26°34	19°43	29°26	22°58	19°34	28°33	28°46	8°18	19°18	F 16
S 17	13 41 3	27° 6'32	10♑38	21°27	1°53	15°27	26°39	19°46	29°29	23° 0	19°34	28°31	28°43	8°25	19°19	S 17
S 18	13 45 0	28° 5'53	24°39	20°38	3° 4	15° 9	26°44	19°49	29°32	23° 2	19°34	28°30	28°39	8°31	19°21	S 18
M19	13 48 56	29° 5'12	8♒45	19°52	4°16	14°50	26°49	19°52	29°35	23° 4	19°33	28°30	28°36	8°38	19°24	M19
T 20	13 52 53	0♉ 4'30	22°55	19°11	5°28	14°31	26°54	19°55	29°38	23° 7	19°33	28°29	28°33	8°45	19°26	T 20
W21	13 56 49	1° 3'46	7♓ 8	18°33	6°39	14°11	26°58	19°59	29°41	23° 9	19°33	28°26	28°30	8°51	19°28	W21
T 22	14 0 46	2° 3'00	21°21	18° 0	7°51	13°51	27° 2	20° 2	29°44	23°11	19°32	28°20	28°27	8°58	19°30	T 22
F 23	14 4 43	3° 2'12	5♈30	17°33	9° 2	13°30	27° 6	20° 6	29°47	23°13	19°32	28°11	28°24	9° 4	19°33	F 23
S 24	14 8 39	4° 1'23	19°32	17°10	10°14	13° 9	27°10	20° 9	29°50	23°16	19°32	28° 0	28°20	9°11	19°35	S 24
S 25	14 12 36	5° 0'32	3♉21	16°53	11°25	12°47	27°14	20°13	29°53	23°18	19°32	27°47	28°17	9°18	19°38	S 25
M26	14 16 32	5°59'38	16°54	16°42	12°36	12°25	27°17	20°16	29°56	23°20	19°32	27°35	28°14	9°24	19°40	M26
T 27	14 20 29	6°58'43	0♊ 7	16°36	13°47	12° 3	27°21	20°20	29°59	23°22	19°31	27°24	28°11	9°31	19°43	T 27
W28	14 24 25	7°57'46	12°59	16°D36	14°58	11°40	27°24	20°24	0♈ 2	23°25	19°31	27°15	28° 8	9°38	19°46	W28
T 29	14 28 22	8°56'46	25°32	16°41	16° 9	11°18	27°27	20°28	0° 5	23°27	19°31	27° 8	28° 5	9°44	19°49	T 29
F 30	14 32 18	9♉55'45	7♋47	16♈51	17♊20	10♏55	27♑30	20♋32	0♈ 8	23♈29	19♌31	27♑ 5	28♑ 1	9♌51	19♋52	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n25	26n 8	3n25	13n25	2n45	15n32	0n 2	15s14	2n 8	20s50	0n10	21n33	0s22	1s14	0s45	7n24	1s22	19n 4	4n29	20s 0	20s 7	17n53	14n47	7s15
F 2	4 48	25 50	2 33	13 42	2 55	15 57	0 5	15 13	2 8	20 49	0 10	21 33	0 22	1 13	0 45	7 25	1 22	19 4	4 29	20 0	20 8	17 50	14 47	7 14
S 3	5 11	24 19	1 35	13 56	3 3	16 21	0 8	15 12	2 7	20 47	0 10	21 33	0 22	1 11	0 45	7 25	1 22	19 4	4 29	20 0	20 8	17 48	14 48	7 13
S 4	5 34	21 45	0 33	14 5	3 11	16 45	0 11	15 10	2 6	20 46	0 10	21 33	0 22	1 10	0 45	7 26	1 22	19 5	4 29	20 0	20 9	17 45	14 48	7 13
M 5	5 57	18 16	0s29	14 10	3 16	17 9	0 14	15 8	2 6	20 45	0 10	21 33	0 22	1 9	0 45	7 27	1 22	19 5	4 29	20 0	20 9	17 43	14 49	7 12
T 6	6 20	14 4	1 31	14 11	3 20	17 32	0 17	15 6	2 5	20 44	0 10	21 33	0 22	1 8	0 45	7 28	1 22	19 5	4 29	20 1	20 10	17 40	14 49	7 12
W 7	6 43	9 18	2 29	14 7	3 23	17 55	0 21	15 4	2 4	20 43	0 10	21 33	0 21	1 6	0 45	7 29	1 22	19 5	4 29	20 1	20 11	17 38	14 49	7 11
T 8	7 5	4 8	3 21	13 59	3 24	18 17	0 24	15 2	2 3	20 42	0 10	21 33	0 21	1 5	0 45	7 30	1 22	19 5	4 29	20 3	20 11	17 35	14 50	7 10
F 9	7 28	1s17	4 4	13 47	3 23	18 39	0 27	14 59	2 3	20 40	0 10	21 32	0 21	1 4	0 45	7 30	1 22	19 6	4 29	20 4	20 12	17 33	14 50	7 10
S 10	7 50	6 44	4 36	13 31	3 20	19 0	0 30	14 56	2 2	20 39	0 10	21 32	0 21	1 2	0 45	7 31	1 22	19 6	4 29	20 7	20 13	17 30	14 51	7 9
S 11	8 12	12 2	4 56	13 11	3 16	19 21	0 33	14 54	2 1	20 38	0 10	21 32	0 21	1 1	0 45	7 32	1 22	19 6	4 29	20 9	20 13	17 28	14 51	7 9
M12	8 34	16 53	5 0	12 49	3 9	19 42	0 37	14 51	2 0	20 37	0 9	21 32	0 21	1 0	0 45	7 33	1 22	19 6	4 29	20 12	20 14	17 25	14 51	7 8
T 13	8 56	21 1	4 48	12 23	3 1	20 2	0 40	14 47	1 58	20 36	0 9	21 32	0 21	0 59	0 45	7 34	1 22	19 6	4 29	20 15	20 15	17 23	14 52	7 8
W14	9 18	24 4	4 20	11 55	2 51	20 21	0 43	14 44	1 57	20 35	0 9	21 31	0 21	0 57	0 45	7 35	1 22	19 6	4 29	20 17	20 15	17 20	14 52	7 7
T 15	9 40	25 46	3 36	11 25	2 40	20 40	0 46	14 41	1 56	20 34	0 9	21 31	0 20	0 56	0 45	7 35	1 22	19 6	4 29	20 18	20 16	17 18	14 52	7 6
F 16	10 1	25 54	2 40	10 54	2 27	20 58	0 49	14 37	1 55	20 33	0 9	21 31	0 20	0 55	0 45	7 36	1 22	19 6	4 29	20 19	20 17	17 15	14 53	7 6
S 17	10 23	24 25	1 33	10 23	2 14	21 16	0 53	14 33	1 53	20 33	0 9	21 31	0 20	0 54	0 45	7 37	1 22	19 6	4 29	20 20	20 17	17 12	14 53	7 5
S 18	10 44	21 24	0 20	9 51	1 59	21 33	0 56	14 29	1 52	20 32	0 9	21 30	0 20	0 52	0 45	7 38	1 22	19 7	4 29	20 20	20 18	17 10	14 53	7 5
M19	11 5	17 5	0n54	9 19	1 44	21 50	0 59	14 25	1 51	20 31	0 9	21 30	0 20	0 51	0 45	7 39	1 22	19 7	4 29	20 20	20 19	17 7	14 54	7 4
T 20	11 26	11 49	2 5	8 49	1 28	22 6	1 2	14 21	1 49	20 30	0 9	21 30	0 20	0 50	0 45	7 40	1 22	19 7	4 29	20 20	20 19	17 5	14 54	7 4
W21	11 46	5 55	3 9	8 20	1 11	22 21	1 5	14 17	1 48	20 29	0 9	21 29	0 20	0 49	0 45	7 40	1 22	19 7	4 29	20 21	20 20	17 2	14 54	7 3
T 22	12 7	0n17	4 1	7 52	0 55	22 36	1 8	14 12	1 46	20 29	0 9	21 29	0 19	0 47	0 45	7 41	1 22	19 7	4 28	20 22	20 20	17 0	14 54	7 3
F 23	12 27	6 25	4 38	7 26	0 39	22 51	1 12	14 8	1 44	20 28	0 9	21 29	0 19	0 46	0 45	7 42	1 22	19 7	4 28	20 24	20 21	16 57	14 55	7 2
S 24	12 47	12 11	4 57	7 3	0 23	23 4	1 15	14 3	1 43	20 27	0 9	21 28	0 19	0 45	0 45	7 43	1 22	19 7	4 28	20 26	20 22	16 54	14 55	7 1
S 25	13 7	17 14	4 59	6 42	0 7	23 17	1 18	13 58	1 41	20 27	0 8	21 28	0 19	0 44	0 45	7 44	1 22	19 7	4 28	20 28	20 22	16 52	14 55	7 1
M26	13 26	21 19	4 44	6 23	0s 9	23 30	1 21	13 54	1 39	20 26	0 8	21 27	0 19	0 43	0 45	7 44	1 22	19 7	4 28	20 31	20 23	16 49	14 55	7 0
T 27	13 45	24 11	4 14	6 7	0 24	23 42	1 24	13 49	1 37	20 25	0 8	21 27	0 19	0 42	0 45	7 45	1 22	19 7	4 28	20 33	20 24	16 47	14 55	7 0
W28	14 5	25 42	3 31	5 54	0 38	23 53	1 27	13 44	1 35	20 25	0 8	21 26	0 19	0 41	0 45	7 46	1 22	19 7	4 28	20 35	20 24	16 44	14 55	6 59
T 29	14 23	25 52	2 39	5 43	0 52	24 4	1 30	13 39	1 33	20 24	0 8	21 26	0 19	0 39	0 45	7 47	1 22	19 7	4 28	20 36	20 25	16 42	14 56	6 59
F 30	14n42	24n44	1n40	5n35	1s 5	24n13	1n33	13s34	1n31	20s24	0n 8	21n25	0s18	0s38	0s45	7n48	1s22	19n 7	4n28	20s37	20s26	16n39	14n56	6s58

Julian Day Number = 2883351.5, Delta T = 01h16m24s
Ecliptic obliquity = 23°17'16, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°17'50, Lahiri = 40°24'50

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ASTRODIENST EPHEMERIS for the year 3182
geocentric

MAY 3182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 36 15	10♉54'41	19♋48	17♈ 6	18♊31	10°R32	27♑33	20♋37	0♈11	23♈31	19°R31	27°R 3	27♑58	9♌58	19♋55	S 1
S 2	14 40 12	11°53'35	1♌40	17°26	19°41	10♏ 9	27°35	20°41	0°13	23°33	19°D31	27°D 3	27°55	10° 4	19°58	S 2
M 3	14 44 8	12°52'27	13°29	17°51	20°52	9°46	27°37	20°45	0°16	23°36	19♌31	27°R 3	27°52	10°11	20° 1	M 3
T 4	14 48 5	13°51'16	25°19	18°20	22° 2	9°23	27°39	20°50	0°19	23°38	19°31	27♑ 3	27°49	10°18	20° 4	T 4
W 5	14 52 1	14°50'04	7♍16	18°53	23°13	9° 0	27°41	20°54	0°22	23°40	19°31	27° 0	27°45	10°24	20° 7	W 5
T 6	14 55 58	15°48'49	19°25	19°30	24°23	8°37	27°43	20°59	0°24	23°42	19°31	26°56	27°42	10°31	20°11	T 6
F 7	14 59 54	16°47'32	1♎50	20°11	25°33	8°14	27°45	21° 4	0°27	23°44	19°31	26°49	27°39	10°38	20°14	F 7
S 8	15 3 51	17°46'13	14°34	20°56	26°43	7°52	27°46	21° 8	0°29	23°46	19°32	26°39	27°36	10°44	20°18	S 8
S 9	15 7 47	18°44'52	27°39	21°44	27°53	7°29	27°47	21°13	0°32	23°48	19°32	26°29	27°33	10°51	20°21	S 9
M10	15 11 44	19°43'28	11♏ 4	22°35	29° 2	7° 8	27°48	21°18	0°35	23°50	19°32	26°17	27°30	10°57	20°25	M10
T 11	15 15 41	20°42'04	24°46	23°30	0♋12	6°46	27°49	21°23	0°37	23°53	19°32	26° 7	27°26	11° 4	20°28	T 11
W12	15 19 37	21°40'37	8♐44	24°28	1°21	6°25	27°50	21°28	0°40	23°55	19°32	25°58	27°23	11°11	20°32	W12
T 13	15 23 34	22°39'08	22°52	25°28	2°31	6° 4	27°50	21°33	0°42	23°57	19°33	25°51	27°20	11°17	20°36	T 13
F 14	15 27 30	23°37'38	7♑ 5	26°32	3°40	5°43	27°50	21°39	0°44	23°59	19°33	25°48	27°17	11°24	20°40	F 14
S 15	15 31 27	24°36'07	21°20	27°38	4°49	5°23	27°R50	21°44	0°47	24° 1	19°33	25°D46	27°14	11°31	20°44	S 15
S 16	15 35 23	25°34'33	5♒34	28°46	5°58	5° 4	27°50	21°49	0°49	24° 3	19°34	25°46	27°11	11°37	20°48	S 16
M17	15 39 20	26°32'58	19°45	29°57	7° 7	4°45	27°50	21°55	0°51	24° 5	19°34	25°R47	27° 7	11°44	20°52	M17
T 18	15 43 16	27°31'22	3♓51	1♉11	8°16	4°26	27°50	22° 0	0°54	24° 7	19°34	25°47	27° 4	11°51	20°56	T 18
W19	15 47 13	28°29'44	17°52	2°27	9°24	4° 9	27°49	22° 6	0°56	24° 9	19°35	25°45	27° 1	11°57	21° 0	W19
T 20	15 51 10	29°28'05	1♈45	3°45	10°33	3°51	27°48	22°12	0°58	24°11	19°35	25°42	26°58	12° 4	21° 4	T 20
F 21	15 55 6	0♊26'24	15°31	5° 5	11°41	3°35	27°47	22°17	1° 0	24°13	19°36	25°36	26°55	12°11	21° 8	F 21
S 22	15 59 3	1°24'42	29° 6	6°28	12°49	3°19	27°46	22°23	1° 2	24°15	19°36	25°28	26°51	12°17	21°13	S 22
S 23	16 2 59	2°22'58	12♉30	7°53	13°57	3° 4	27°44	22°29	1° 4	24°16	19°37	25°18	26°48	12°24	21°17	S 23
M24	16 6 56	3°21'12	25°39	9°19	15° 5	2°49	27°43	22°35	1° 6	24°18	19°37	25° 9	26°45	12°31	21°22	M24
T 25	16 10 52	4°19'25	8♊34	10°48	16°13	2°36	27°41	22°41	1° 8	24°20	19°38	25° 1	26°42	12°37	21°26	T 25
W26	16 14 49	5°17'37	21°12	12°19	17°20	2°23	27°39	22°47	1°10	24°22	19°39	24°55	26°39	12°44	21°31	W26
T 27	16 18 45	6°15'47	3♋36	13°52	18°28	2°10	27°36	22°53	1°12	24°24	19°39	24°50	26°36	12°51	21°35	T 27
F 28	16 22 42	7°13'54	15°45	15°27	19°35	1°59	27°34	22°59	1°14	24°26	19°40	24°48	26°32	12°57	21°40	F 28
S 29	16 26 39	8°12'01	27°44	17° 4	20°42	1°48	27°32	23° 6	1°16	24°27	19°40	24°D47	26°29	13° 4	21°45	S 29
S 30	16 30 35	9°10'05	9♌35	18°43	21°49	1°38	27°29	23°12	1°18	24°29	19°41	24°48	26°26	13°10	21°49	S 30
M31	16 34 32	10♊ 8'07	21♌23	20♉24	22♋55	1♏29	27♑26	23♋18	1♈19	24♈31	19♌42	24♑50	26♑23	13♌17	21♋54	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 0	22n28	0n38	5n29	1s18	24n23	1n35	13s28	1n29	20s23	0n 8	21n25	0s18	0s37	0s45	7n48	1s22	19n 7	4n28	20s37	20s26	16n36	14n56	6s58
S 2	15 18	19 16	0s25	5 26	1 29	24 31	1 38	13 23	1 27	20 23	0 8	21 24	0 18	0 36	0 45	7 49	1 22	19 7	4 28	20 37	20 27	16 34	14 56	6 57
M 3	15 36	15 18	1 26	5 25	1 40	24 39	1 41	13 18	1 25	20 23	0 8	21 24	0 18	0 35	0 45	7 50	1 22	19 7	4 28	20 37	20 27	16 31	14 56	6 57
T 4	15 54	10 44	2 24	5 26	1 51	24 47	1 44	13 13	1 23	20 22	0 8	21 23	0 18	0 34	0 45	7 51	1 22	19 7	4 28	20 37	20 28	16 29	14 56	6 56
W 5	16 11	5 45	3 17	5 30	2 0	24 53	1 46	13 8	1 20	20 22	0 8	21 23	0 18	0 33	0 45	7 52	1 22	19 7	4 28	20 37	20 29	16 26	14 56	6 56
T 6	16 28	0 28	4 1	5 35	2 9	24 59	1 49	13 3	1 18	20 22	0 7	21 22	0 18	0 32	0 45	7 52	1 22	19 6	4 28	20 38	20 29	16 23	14 56	6 55
F 7	16 45	4s56	4 35	5 43	2 17	25 4	1 52	12 58	1 16	20 22	0 7	21 22	0 18	0 31	0 45	7 53	1 22	19 6	4 28	20 40	20 30	16 21	14 56	6 55
S 8	17 1	10 15	4 56	5 53	2 24	25 9	1 54	12 53	1 13	20 21	0 7	21 21	0 18	0 30	0 45	7 54	1 22	19 6	4 28	20 41	20 31	16 18	14 56	6 54
S 9	17 17	15 17	5 3	6 5	2 31	25 13	1 57	12 48	1 11	20 21	0 7	21 20	0 17	0 29	0 45	7 55	1 22	19 6	4 28	20 44	20 31	16 16	14 56	6 54
M10	17 33	19 41	4 53	6 18	2 37	25 16	1 59	12 43	1 9	20 21	0 7	21 20	0 17	0 28	0 45	7 55	1 22	19 6	4 28	20 46	20 32	16 13	14 56	6 53
T 11	17 49	23 9	4 26	6 33	2 42	25 19	2 1	12 39	1 6	20 21	0 7	21 19	0 17	0 27	0 45	7 56	1 22	19 6	4 28	20 48	20 32	16 10	14 56	6 53
W12	18 4	25 18	3 43	6 50	2 47	25 21	2 4	12 34	1 4	20 21	0 7	21 18	0 17	0 26	0 45	7 57	1 22	19 6	4 28	20 49	20 33	16 8	14 56	6 52
T 13	18 19	25 52	2 46	7 8	2 51	25 22	2 6	12 29	1 1	20 21	0 7	21 18	0 17	0 25	0 45	7 58	1 22	19 6	4 27	20 50	20 34	16 5	14 56	6 52
F 14	18 34	24 44	1 38	7 28	2 54	25 22	2 8	12 25	0 59	20 21	0 7	21 17	0 17	0 24	0 45	7 58	1 22	19 6	4 27	20 51	20 34	16 2	14 56	6 51
S 15	18 48	22 0	0 24	7 49	2 57	25 22	2 10	12 21	0 57	20 21	0 7	21 16	0 17	0 23	0 45	7 59	1 22	19 5	4 27	20 51	20 35	16 0	14 56	6 51
S 16	19 2	17 55	0n52	8 11	2 59	25 21	2 12	12 17	0 54	20 21	0 7	21 16	0 17	0 22	0 45	8 0	1 22	19 5	4 27	20 51	20 35	15 57	14 55	6 51
M17	19 16	12 49	2 5	8 34	3 0	25 20	2 14	12 13	0 52	20 21	0 6	21 15	0 16	0 22	0 46	8 0	1 22	19 5	4 27	20 51	20 36	15 54	14 55	6 50
T 18	19 29	7 5	3 9	8 59	3 1	25 18	2 16	12 9	0 49	20 22	0 6	21 14	0 16	0 21	0 46	8 1	1 22	19 5	4 27	20 51	20 37	15 52	14 55	6 50
W19	19 42	1 3	4 2	9 25	3 1	25 15	2 18	12 5	0 47	20 22	0 6	21 13	0 16	0 20	0 46	8 2	1 22	19 5	4 27	20 52	20 37	15 49	14 55	6 49
T 20	19 55	4n59	4 40	9 51	3 0	25 11	2 19	12 2	0 44	20 22	0 6	21 12	0 16	0 19	0 46	8 2	1 22	19 5	4 27	20 52	20 38	15 47	14 55	6 49
F 21	20 7	10 42	5 1	10 19	2 59	25 7	2 21	11 59	0 42	20 22	0 6	21 12	0 16	0 18	0 46	8 3	1 22	19 4	4 27	20 53	20 39	15 44	14 54	6 48
S 22	20 19	15 50	5 5	10 47	2 58	25 2	2 23	11 56	0 39	20 23	0 6	21 11	0 16	0 17	0 46	8 4	1 22	19 4	4 27	20 55	20 39	15 41	14 54	6 48
S 23	20 30	20 8	4 52	11 17	2 56	24 57	2 24	11 53	0 37	20 23	0 6	21 10	0 16	0 17	0 46	8 4	1 22	19 4	4 27	20 56	20 40	15 39	14 54	6 48
M24	20 42	23 19	4 24	11 47	2 53	24 51	2 25	11 50	0 34	20 24	0 6	21 9	0 16	0 16	0 46	8 5	1 22	19 4	4 27	20 58	20 40	15 36	14 54	6 47
T 25	20 52	25 15	3 43	12 17	2 49	24 44	2 27	11 48	0 32	20 24	0 6	21 8	0 16	0 15	0 46	8 6	1 23	19 4	4 27	21 0	20 41	15 33	14 53	6 47
W26	21 3	25 50	2 51	12 48	2 46	24 37	2 28	11 46	0 29	20 25	0 6	21 7	0 15	0 14	0 46	8 6	1 23	19 3	4 27	21 1	20 42	15 31	14 53	6 46
T 27	21 13	25 6	1 52	13 20	2 41	24 29	2 29	11 44	0 27	20 25	0 5	21 6	0 15	0 14	0 46	8 7	1 23	19 3	4 27	21 2	20 42	15 28	14 53	6 46
F 28	21 23	23 10	0 49	13 52	2 36	24 20	2 30	11 42	0 25	20 26	0 5	21 5	0 15	0 13	0 46	8 8	1 23	19 3	4 27	21 2	20 43	15 25	14 52	6 46
S 29	21 32	20 13	0s16	14 25	2 31	24 11	2 31	11 41	0 22	20 26	0 5	21 5	0 15	0 12	0 46	8 8	1 23	19 3	4 27	21 2	20 43	15 23	14 52	6 45
S 30	21 41	16 28	1 19	14 58	2 25	24 2	2 32	11 39	0 20	20 27	0 5	21 4	0 15	0 11	0 46	8 9	1 23	19 2	4 27	21 2	20 44	15 20	14 52	6 45
M31	21n50	12n 5	2s19	15n31	2s18	23n51	2n32	11s38	0n18	20s28	0n 5	21n 3	0s15	0s11	0s46	8n 9	1s23	19n 2	4n27	21s 2	20s45	15n17	14n51	6s45

Julian Day Number = 2883381.5, Delta T = 01h16m25s
Ecliptic obliquity = 23°17'15, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°17'54, Lahiri = 40°24'54

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ASTRODIENST EPHEMERIS for the year 3182
geocentric

JUNE 3182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 28	11♊ 6'08	3♍13	22♉ 7	24♋ 2	1°R21	27°R23	23♋25	1♈21	24♈33	19♘43	24♑51	26♑20	13♘24	21♋59	T 1
W 2	16 42 25	12° 4'07	15°10	23°52	25° 8	1♏14	27♑20	23°31	1°23	24°34	19°43	24°R51	26°17	13°30	22° 4	W 2
T 3	16 46 21	13° 2'04	27°20	25°39	26°14	1° 7	27°16	23°38	1°24	24°36	19°44	24°50	26°13	13°37	22° 9	T 3
F 4	16 50 18	13°59'59	9♎46	27°28	27°20	1° 1	27°12	23°44	1°26	24°38	19°45	24°47	26°10	13°44	22°14	F 4
S 5	16 54 14	14°57'53	22°33	29°19	28°26	0°56	27° 9	23°51	1°27	24°39	19°46	24°43	26° 7	13°50	22°19	S 5
S 6	16 58 11	15°55'45	5♏43	1♊12	29°31	0°52	27° 5	23°58	1°29	24°41	19°47	24°37	26° 4	13°57	22°24	S 6
M 7	17 2 8	16°53'36	19°18	3° 7	0♌37	0°49	27° 1	24° 4	1°30	24°42	19°48	24°31	26° 1	14° 4	22°29	M 7
T 8	17 6 4	17°51'25	3♐15	5° 4	1°42	0°46	26°56	24°11	1°32	24°44	19°49	24°25	25°57	14°10	22°34	T 8
W 9	17 10 1	18°49'12	17°32	7° 3	2°47	0°44	26°52	24°18	1°33	24°45	19°49	24°21	25°54	14°17	22°39	W 9
T 10	17 13 57	19°46'59	2♑ 3	9° 4	3°51	0°43	26°47	24°25	1°34	24°47	19°50	24°17	25°51	14°24	22°44	T 10
F 11	17 17 54	20°44'44	16°42	11° 6	4°56	0°D43	26°43	24°32	1°36	24°48	19°51	24°16	25°48	14°30	22°50	F 11
S 12	17 21 50	21°42'28	1♒22	13°11	6° 0	0°43	26°38	24°39	1°37	24°50	19°52	24°D16	25°45	14°37	22°55	S 12
S 13	17 25 47	22°40'11	15°58	15°17	7° 4	0°44	26°33	24°46	1°38	24°51	19°53	24°17	25°42	14°44	23° 0	S 13
M14	17 29 44	23°37'52	0♓25	17°24	8° 7	0°46	26°27	24°53	1°39	24°53	19°54	24°18	25°38	14°50	23° 5	M14
T 15	17 33 40	24°35'33	14°39	19°33	9°10	0°49	26°22	25° 0	1°40	24°54	19°55	24°19	25°35	14°57	23°11	T 15
W16	17 37 37	25°33'13	28°40	21°43	10°14	0°52	26°17	25° 7	1°41	24°55	19°57	24°R20	25°32	15° 4	23°16	W16
T 17	17 41 33	26°30'52	12♈25	23°54	11°16	0°57	26°11	25°14	1°42	24°57	19°58	24°19	25°29	15°10	23°22	T 17
F 18	17 45 30	27°28'30	25°55	26° 5	12°19	1° 2	26° 5	25°21	1°43	24°58	19°59	24°17	25°26	15°17	23°27	F 18
S 19	17 49 26	28°26'07	9♉10	28°18	13°21	1° 7	25°59	25°28	1°44	24°59	20° 0	24°13	25°23	15°24	23°33	S 19
S 20	17 53 23	29°23'44	22°11	0♋30	14°23	1°13	25°53	25°36	1°45	25° 0	20° 1	24°10	25°19	15°30	23°38	S 20
M21	17 57 19	0♋21'20	4♊59	2°42	15°25	1°20	25°47	25°43	1°45	25° 2	20° 2	24° 6	25°16	15°37	23°44	M21
T 22	18 1 16	1°18'54	17°33	4°54	16°26	1°28	25°41	25°50	1°46	25° 3	20° 3	24° 3	25°13	15°43	23°49	T 22
W23	18 5 13	2°16'28	29°54	7° 5	17°27	1°36	25°35	25°58	1°47	25° 4	20° 5	24° 0	25°10	15°50	23°55	W23
T 24	18 9 9	3°14'01	12♋ 5	9°15	18°27	1°45	25°28	26° 5	1°47	25° 5	20° 6	23°58	25° 7	15°57	24° 1	T 24
F 25	18 13 6	4°11'33	24° 6	11°24	19°28	1°55	25°21	26°12	1°48	25° 6	20° 7	23°D58	25° 3	16° 3	24° 6	F 25
S 26	18 17 2	5° 9'04	6♌ 0	13°32	20°28	2° 5	25°15	26°20	1°49	25° 7	20° 8	23°58	25° 0	16°10	24°12	S 26
S 27	18 20 59	6° 6'33	17°49	15°38	21°27	2°16	25° 8	26°27	1°49	25° 8	20°10	24° 0	24°57	16°17	24°18	S 27
M28	18 24 55	7° 4'02	29°36	17°43	22°26	2°28	25° 1	26°35	1°49	25° 9	20°11	24° 1	24°54	16°23	24°23	M28
T 29	18 28 52	8° 1'30	11♍27	19°45	23°25	2°40	24°54	26°42	1°50	25°10	20°12	24° 2	24°51	16°30	24°29	T 29
W30	18 32 48	8♋58'56	23♍24	21♋46	24♌23	2♏53	24♑47	26♋50	1♈50	25♈11	20♘14	24♑ 3	24♑48	16♌37	24♋35	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n58	7n15	3s13	16n 4	2s12	23n40	2n33	11s38	0n15	20s28	0n 5	21n 2	0s15	0s10	0s46	8n10	1s23	19n 2	4n27	21s 1	20s45	15n15	14n51	6s44
W 2	22 6	2 7	3 59	16 37	2 4	23 29	2 33	11 37	0 13	20 29	0 5	21 1	0 15	0 10	0 46	8 11	1 23	19 1	4 27	21 1	20 46	15 12	14 51	6 44
T 3	22 13	3s10	4 36	17 10	1 56	23 17	2 34	11 37	0 11	20 30	0 5	21 0	0 15	0 9	0 46	8 11	1 23	19 1	4 27	21 2	20 46	15 9	14 50	6 44
F 4	22 20	8 27	5 0	17 43	1 48	23 4	2 34	11 37	0 9	20 31	0 5	20 59	0 15	0 8	0 46	8 12	1 23	19 1	4 26	21 2	20 47	15 6	14 50	6 43
S 5	22 27	13 31	5 10	18 15	1 40	22 51	2 34	11 37	0 7	20 31	0 4	20 58	0 14	0 8	0 46	8 12	1 23	19 1	4 26	21 3	20 48	15 4	14 49	6 43
S 6	22 33	18 8	5 5	18 47	1 31	22 38	2 34	11 38	0 4	20 32	0 4	20 57	0 14	0 7	0 46	8 13	1 23	19 0	4 26	21 4	20 48	15 1	14 49	6 43
M 7	22 39	21 58	4 42	19 19	1 21	22 24	2 34	11 39	0 2	20 33	0 4	20 56	0 14	0 7	0 46	8 13	1 23	19 0	4 26	21 5	20 49	14 58	14 48	6 42
T 8	22 44	24 38	4 3	19 50	1 12	22 9	2 34	11 40	0 0	20 34	0 4	20 54	0 14	0 6	0 46	8 14	1 23	19 0	4 26	21 6	20 49	14 56	14 48	6 42
W 9	22 49	25 49	3 7	20 20	1 2	21 54	2 33	11 41	0s 2	20 35	0 4	20 53	0 14	0 6	0 46	8 14	1 23	18 59	4 26	21 7	20 50	14 53	14 47	6 42
T 10	22 54	25 15	1 58	20 49	0 51	21 38	2 33	11 43	0 4	20 36	0 4	20 52	0 14	0 5	0 46	8 15	1 23	18 59	4 26	21 7	20 50	14 50	14 47	6 42
F 11	22 58	22 56	0 41	21 17	0 41	21 22	2 32	11 44	0 6	20 37	0 4	20 51	0 14	0 5	0 46	8 15	1 23	18 59	4 26	21 8	20 51	14 48	14 46	6 41
S 12	23 2	19 6	0n39	21 44	0 30	21 6	2 31	11 46	0 8	20 38	0 4	20 50	0 14	0 4	0 46	8 16	1 23	18 58	4 26	21 8	20 52	14 45	14 46	6 41
S 13	23 5	14 6	1 56	22 9	0 20	20 49	2 30	11 49	0 10	20 39	0 3	20 49	0 14	0 4	0 46	8 16	1 23	18 58	4 26	21 7	20 52	14 42	14 45	6 41
M14	23 8	8 22	3 5	22 33	0 9	20 32	2 29	11 51	0 12	20 40	0 3	20 48	0 14	0 4	0 46	8 17	1 23	18 58	4 26	21 7	20 53	14 39	14 44	6 41
T 15	23 11	2 17	4 2	22 54	0n 1	20 14	2 28	11 54	0 14	20 42	0 3	20 47	0 13	0 3	0 46	8 17	1 23	18 57	4 26	21 7	20 53	14 37	14 44	6 40
W16	23 13	3n48	4 43	23 14	0 12	19 56	2 27	11 57	0 15	20 43	0 3	20 45	0 13	0 3	0 47	8 18	1 23	18 57	4 26	21 7	20 54	14 34	14 43	6 40
T 17	23 15	9 35	5 7	23 31	0 22	19 37	2 26	12 0	0 17	20 44	0 3	20 44	0 13	0 2	0 47	8 18	1 23	18 56	4 26	21 7	20 55	14 31	14 42	6 40
F 18	23 16	14 49	5 14	23 46	0 33	19 18	2 24	12 3	0 19	20 45	0 3	20 43	0 13	0 2	0 47	8 19	1 23	18 56	4 26	21 7	20 55	14 29	14 42	6 40
S 19	23 17	19 15	5 3	23 59	0 42	18 59	2 22	12 7	0 21	20 46	0 3	20 42	0 13	0 2	0 47	8 19	1 24	18 56	4 26	21 8	20 56	14 26	14 41	6 39
S 20	23 17	22 40	4 37	24 9	0 52	18 39	2 20	12 11	0 23	20 47	0 3	20 41	0 13	0 2	0 47	8 19	1 24	18 55	4 26	21 9	20 56	14 23	14 40	6 39
M21	23 17	24 53	3 58	24 16	1 1	18 19	2 18	12 15	0 24	20 49	0 3	20 39	0 13	0 1	0 47	8 20	1 24	18 55	4 26	21 9	20 57	14 20	14 40	6 39
T 22	23 17	25 49	3 7	24 21	1 9	17 59	2 16	12 19	0 26	20 50	0 2	20 38	0 13	0 1	0 47	8 20	1 24	18 54	4 26	21 10	20 57	14 18	14 39	6 39
W23	23 16	25 26	2 9	24 23	1 17	17 38	2 14	12 23	0 28	20 51	0 2	20 37	0 13	0 1	0 47	8 21	1 24	18 54	4 26	21 10	20 58	14 15	14 38	6 39
T 24	23 15	23 49	1 5	24 22	1 25	17 17	2 12	12 28	0 29	20 53	0 2	20 36	0 13	0 1	0 47	8 21	1 24	18 54	4 26	21 11	20 59	14 12	14 37	6 38
F 25	23 13	21 9	0s 1	24 19	1 31	16 56	2 9	12 33	0 31	20 54	0 2	20 34	0 12	0 0	0 47	8 21	1 24	18 53	4 26	21 11	20 59	14 9	14 37	6 38
S 26	23 11	17 35	1 6	24 13	1 37	16 34	2 6	12 38	0 32	20 55	0 2	20 33	0 12	0 0	0 47	8 22	1 24	18 53	4 26	21 11	21 0	14 7	14 36	6 38
S 27	23 9	13 22	2 8	24 5	1 43	16 12	2 3	12 43	0 34	20 57	0 2	20 32	0 12	0 0	0 47	8 22	1 24	18 52	4 26	21 10	21 0	14 4	14 35	6 38
M28	23 6	8 39	3 5	23 54	1 47	15 50	2 0	12 48	0 35	20 58	0 2	20 30	0 12	0n 0	0 47	8 22	1 24	18 52	4 26	21 10	21 1	14 1	14 34	6 38
T 29	23 3	3 37	3 54	23 40	1 51	15 28	1 57	12 54	0 37	20 59	0 1	20 29	0 12	0 0	0 47	8 23	1 24	18 52	4 26	21 10	21 1	13 58	14 33	6 38
W30	22n59	1s34	4s33	23n25	1n54	15n 6	1n53	13s 0	0s38	21s 1	0n 1	20n28	0s12	0n 0	0s47	8n23	1s24	18n51	4n26	21s10	21s 2	13n56	14n33	6s38

Julian Day Number = 2883412.5, Delta T = 01h16m26s
Ecliptic obliquity = 23°17'15, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°17'58, Lahiri = 40°24'59

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ASTRODIENST EPHEMERIS for the year 3182
geocentric

JULY 3182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 36 45	9♋56'22	5♎32	23♋44	25♌21	3♏ 6	24°R40	26♋57	1♈50	25♈12	20♌15	24°R 4	24♑44	16♌43	24♋41	T 1
F 2	18 40 42	10°53'46	17°57	25°41	26°19	3°20	24♑33	27° 5	1°51	25°13	20°16	24♑ 4	24°41	16°50	24°47	F 2
S 3	18 44 38	11°51'10	0♏41	27°35	27°16	3°35	24°25	27°13	1°51	25°14	20°18	24° 3	24°38	16°57	24°52	S 3
S 4	18 48 35	12°48'32	13°50	29°26	28°12	3°50	24°18	27°20	1°51	25°15	20°19	24° 2	24°35	17° 3	24°58	S 4
M 5	18 52 31	13°45'54	27°24	1♌16	29° 8	4° 5	24°11	27°28	1°51	25°15	20°20	24° 1	24°32	17°10	25° 4	M 5
T 6	18 56 28	14°43'15	11♐24	3° 3	0♍ 4	4°21	24° 3	27°35	1°R51	25°16	20°22	24° 0	24°29	17°17	25°10	T 6
W 7	19 0 24	15°40'35	25°49	4°47	0°59	4°38	23°56	27°43	1°51	25°17	20°23	23°59	24°25	17°23	25°16	W 7
T 8	19 4 21	16°37'55	10♑33	6°29	1°53	4°55	23°48	27°51	1°51	25°18	20°25	23°58	24°22	17°30	25°22	T 8
F 9	19 8 18	17°35'14	25°30	8° 9	2°47	5°13	23°41	27°59	1°51	25°18	20°26	23°D58	24°19	17°37	25°28	F 9
S 10	19 12 14	18°32'32	10♒32	9°46	3°41	5°31	23°33	28° 6	1°51	25°19	20°28	23°58	24°16	17°43	25°34	S 10
S 11	19 16 11	19°29'50	25°31	11°21	4°33	5°49	23°25	28°14	1°51	25°19	20°29	23°59	24°13	17°50	25°39	S 11
M12	19 20 7	20°27'08	10♓18	12°53	5°26	6° 8	23°18	28°22	1°50	25°20	20°31	23°59	24° 9	17°57	25°45	M12
T 13	19 24 4	21°24'25	24°48	14°23	6°17	6°28	23°10	28°29	1°50	25°21	20°32	23°59	24° 6	18° 3	25°51	T 13
W14	19 28 0	22°21'42	8♈58	15°51	7° 8	6°48	23° 2	28°37	1°50	25°21	20°34	24° 0	24° 3	18°10	25°57	W14
T 15	19 31 57	23°19'00	22°45	17°16	7°58	7° 8	22°55	28°45	1°49	25°21	20°35	24° 0	24° 0	18°17	26° 3	T 15
F 16	19 35 53	24°16'17	6♉10	18°38	8°47	7°29	22°47	28°53	1°49	25°22	20°37	24° 0	23°57	18°23	26° 9	F 16
S 17	19 39 50	25°13'34	19°15	19°58	9°36	7°50	22°39	29° 1	1°48	25°22	20°38	24° 0	23°54	18°30	26°15	S 17
S 18	19 43 47	26°10'51	2♊ 1	21°15	10°24	8°12	22°32	29° 8	1°48	25°23	20°40	24° 0	23°50	18°37	26°21	S 18
M19	19 47 43	27° 8'09	14°32	22°29	11°11	8°34	22°24	29°16	1°47	25°23	20°42	24° 0	23°47	18°43	26°27	M19
T 20	19 51 40	28° 5'26	26°49	23°41	11°58	8°56	22°16	29°24	1°47	25°23	20°43	24° 0	23°44	18°50	26°33	T 20
W21	19 55 36	29° 2'43	8♋56	24°50	12°43	9°19	22° 9	29°32	1°46	25°24	20°45	24° 1	23°41	18°57	26°39	W21
T 22	19 59 33	0♌ 0'01	20°55	25°56	13°28	9°42	22° 1	29°39	1°45	25°24	20°46	24°R 1	23°38	19° 3	26°45	T 22
F 23	20 3 29	0°57'18	2♌49	26°59	14°12	10° 6	21°54	29°47	1°45	25°24	20°48	24° 1	23°35	19°10	26°51	F 23
S 24	20 7 26	1°54'35	14°38	27°59	14°54	10°30	21°46	29°55	1°44	25°24	20°50	24° 0	23°31	19°17	26°57	S 24
S 25	20 11 22	2°51'52	26°26	28°56	15°36	10°54	21°39	0♌ 3	1°43	25°24	20°51	24° 0	23°28	19°23	27° 3	S 25
M26	20 15 19	3°49'08	8♍15	29°49	16°17	11°19	21°31	0°11	1°42	25°24	20°53	23°58	23°25	19°30	27° 9	M26
T 27	20 19 16	4°46'25	20° 7	0♍39	16°57	11°44	21°24	0°18	1°41	25°25	20°54	23°57	23°22	19°36	27°15	T 27
W28	20 23 12	5°43'41	2♎ 6	1°26	17°35	12°10	21°17	0°26	1°40	25°25	20°56	23°55	23°19	19°43	27°21	W28
T 29	20 27 9	6°40'57	14°16	2° 9	18°13	12°36	21° 9	0°34	1°39	25°R25	20°58	23°54	23°15	19°50	27°27	T 29
F 30	20 31 5	7°38'13	26°39	2°49	18°49	13° 2	21° 2	0°42	1°38	25°25	20°59	23°53	23°12	19°56	27°33	F 30
S 31	20 35 2	8♌35'30	9♏21	3♍24	19♍24	13♏28	20♑55	0♌49	1♈37	25♈24	21♌ 1	23°D53	23♑ 9	20♌ 3	27♋38	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n55	6s47	5s 1	23n 7	1n56	14n43	1n50	13s 6	0s40	21s 2	0n 1	20n26	0s12	0n 0	0s47	8n23	1s24	18n51	4n26	21s10	21s 3	13n53	14n32	6s37
F 2	22 51	11 51	5 15	22 48	1 57	14 20	1 46	13 12	0 41	21 4	0 1	20 25	0 12	0 0	0 47	8 23	1 24	18 50	4 26	21 10	21 3	13 50	14 31	6 37
S 3	22 46	16 33	5 15	22 27	1 58	13 57	1 42	13 18	0 43	21 5	0 1	20 24	0 12	0 0	0 47	8 24	1 24	18 50	4 26	21 10	21 4	13 47	14 30	6 37
S 4	22 40	20 38	4 58	22 4	1 58	13 33	1 38	13 24	0 44	21 6	0 1	20 22	0 12	0 0	0 47	8 24	1 24	18 49	4 26	21 10	21 4	13 45	14 29	6 37
M 5	22 35	23 45	4 25	21 39	1 57	13 10	1 34	13 31	0 45	21 8	0 1	20 21	0 12	0 1	0 47	8 24	1 24	18 49	4 26	21 10	21 5	13 42	14 28	6 37
T 6	22 29	25 33	3 35	21 14	1 56	12 46	1 29	13 37	0 47	21 9	0 1	20 19	0 11	0 0	0 47	8 24	1 24	18 48	4 26	21 10	21 5	13 39	14 27	6 37
W 7	22 22	25 43	2 30	20 47	1 53	12 23	1 25	13 44	0 48	21 11	0 0	20 18	0 11	0 0	0 47	8 25	1 24	18 48	4 26	21 10	21 6	13 36	14 26	6 37
T 8	22 16	24 6	1 14	20 19	1 50	11 59	1 20	13 51	0 49	21 12	0 0	20 17	0 11	0 0	0 47	8 25	1 24	18 48	4 26	21 11	21 6	13 34	14 25	6 37
F 9	22 8	20 46	0n 9	19 50	1 47	11 35	1 15	13 58	0 50	21 13	0 0	20 15	0 11	0 0	0 47	8 25	1 25	18 47	4 26	21 11	21 7	13 31	14 24	6 37
S 10	22 1	16 2	1 31	19 20	1 42	11 11	1 10	14 5	0 52	21 15	0 0	20 14	0 11	0 0	0 47	8 25	1 25	18 47	4 26	21 11	21 8	13 28	14 23	6 37
S 11	21 53	10 19	2 46	18 49	1 37	10 47	1 4	14 12	0 53	21 16	0s 0	20 12	0 11	0 0	0 47	8 25	1 25	18 46	4 26	21 11	21 8	13 25	14 22	6 37
M12	21 45	4 6	3 50	18 18	1 32	10 23	0 59	14 20	0 54	21 18	0 0	20 11	0 11	0s 0	0 48	8 25	1 25	18 46	4 26	21 10	21 9	13 22	14 21	6 37
T 13	21 36	2n12	4 38	17 46	1 25	9 58	0 53	14 27	0 55	21 19	0 0	20 9	0 11	0 0	0 48	8 26	1 25	18 45	4 26	21 10	21 9	13 20	14 20	6 37
W14	21 27	8 14	5 7	17 14	1 19	9 34	0 47	14 35	0 56	21 21	0 0	20 8	0 11	0 0	0 48	8 26	1 25	18 45	4 26	21 10	21 10	13 17	14 19	6 37
T 15	21 17	13 42	5 18	16 42	1 11	9 10	0 41	14 43	0 57	21 22	0 1	20 6	0 11	0 1	0 48	8 26	1 25	18 44	4 26	21 10	21 10	13 14	14 18	6 37
F 16	21 7	18 22	5 11	16 9	1 3	8 45	0 35	14 50	0 58	21 23	0 1	20 5	0 11	0 1	0 48	8 26	1 25	18 44	4 26	21 10	21 11	13 11	14 17	6 37
S 17	20 57	22 2	4 47	15 36	0 55	8 21	0 28	14 58	0 59	21 25	0 1	20 3	0 10	0 1	0 48	8 26	1 25	18 43	4 26	21 10	21 11	13 9	14 16	6 37
S 18	20 47	24 31	4 11	15 3	0 46	7 57	0 21	15 6	1 0	21 26	0 1	20 2	0 10	0 1	0 48	8 26	1 25	18 43	4 26	21 10	21 12	13 6	14 15	6 37
M19	20 36	25 45	3 22	14 30	0 36	7 33	0 14	15 14	1 1	21 27	0 1	20 0	0 10	0 1	0 48	8 26	1 25	18 42	4 26	21 10	21 12	13 3	14 14	6 37
T 20	20 25	25 40	2 25	13 57	0 26	7 9	0 7	15 22	1 2	21 29	0 1	19 59	0 10	0 2	0 48	8 26	1 25	18 42	4 26	21 10	21 13	13 0	14 13	6 37
W21	20 13	24 22	1 23	13 24	0 15	6 44	0s 0	15 31	1 3	21 30	0 1	19 57	0 10	0 2	0 48	8 26	1 25	18 41	4 26	21 10	21 14	12 57	14 12	6 37
T 22	20 1	21 57	0 17	12 52	0 5	6 20	0 8	15 39	1 4	21 32	0 2	19 56	0 10	0 2	0 48	8 26	1 25	18 41	4 26	21 10	21 14	12 55	14 11	6 37
F 23	19 49	18 37	0s49	12 20	0s 7	5 57	0 16	15 47	1 5	21 33	0 2	19 54	0 10	0 3	0 48	8 26	1 25	18 40	4 26	21 10	21 15	12 52	14 10	6 37
S 24	19 37	14 33	1 52	11 48	0 19	5 33	0 24	15 56	1 6	21 34	0 2	19 53	0 10	0 3	0 48	8 26	1 25	18 40	4 26	21 10	21 15	12 49	14 8	6 37
S 25	19 24	9 57	2 50	11 17	0 31	5 9	0 32	16 4	1 7	21 35	0 2	19 51	0 10	0 3	0 48	8 26	1 25	18 39	4 26	21 10	21 16	12 46	14 7	6 37
M26	19 10	5 0	3 41	10 47	0 43	4 46	0 40	16 13	1 8	21 37	0 2	19 50	0 10	0 4	0 48	8 26	1 25	18 39	4 26	21 11	21 16	12 43	14 6	6 37
T 27	18 57	0s 9	4 23	10 17	0 56	4 22	0 49	16 21	1 9	21 38	0 2	19 48	0 10	0 4	0 48	8 26	1 25	18 38	4 26	21 11	21 17	12 41	14 5	6 37
W28	18 43	5 20	4 54	9 49	1 9	3 59	0 58	16 30	1 10	21 39	0 2	19 46	0 10	0 5	0 48	8 26	1 26	18 38	4 26	21 11	21 17	12 38	14 4	6 37
T 29	18 29	10 23	5 12	9 21	1 23	3 36	1 7	16 39	1 11	21 41	0 2	19 45	0 9	0 5	0 48	8 26	1 26	18 37	4 26	21 11	21 18	12 35	14 3	6 37
F 30	18 15	15 8	5 16	8 54	1 37	3 13	1 16	16 47	1 11	21 42	0 3	19 43	0 9	0 5	0 48	8 26	1 26	18 37	4 26	21 11	21 18	12 32	14 1	6 37
S 31	18n 0	19s20	5s 5	8n29	1s50	2n51	1s26	16s56	1s12	21s43	0s 3	19n42	0s 9	0s 6	0s48	8n26	1s26	18n36	4n26	21s12	21s19	12n29	14n 0	6s37

Julian Day Number = 2883442.5, Delta T = 01h16m26s
Ecliptic obliquity = 23°17'14, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°18'02, Lahiri = 40°25'03

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ASTRODIENST EPHEMERIS for the year 3182
geocentric

AUGUST 3182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 38 58	9♌32'46	22♏24	3♍56	19♍58	13♏55	20°R48	0♌57	1°R36	25°R24	21♌ 3	23♑53	23♑ 6	20♌10	27♋44	S 1
M 2	20 42 55	10°30'01	5♐51	4°23	20°30	14°22	20♑41	1° 5	1♈35	25♈24	21° 4	23°54	23° 3	20°16	27°50	M 2
T 3	20 46 51	11°27'17	19°45	4°46	21° 1	14°50	20°35	1°13	1°33	25°24	21° 6	23°55	23° 0	20°23	27°56	T 3
W 4	20 50 48	12°24'33	4♑ 5	5° 5	21°31	15°17	20°28	1°20	1°32	25°24	21° 8	23°56	22°56	20°30	28° 2	W 4
T 5	20 54 45	13°21'49	18°48	5°19	21°59	15°46	20°21	1°28	1°31	25°24	21°10	23°R57	22°53	20°36	28° 8	T 5
F 6	20 58 41	14°19'06	3♒50	5°28	22°25	16°14	20°15	1°36	1°29	25°23	21°11	23°57	22°50	20°43	28°14	F 6
S 7	21 2 38	15°16'22	19° 2	5°R32	22°50	16°42	20° 9	1°43	1°28	25°23	21°13	23°56	22°47	20°50	28°20	S 7
S 8	21 6 34	16°13'39	4♓15	5°32	23°13	17°11	20° 2	1°51	1°26	25°23	21°15	23°54	22°44	20°56	28°25	S 8
M 9	21 10 31	17°10'56	19°18	5°26	23°34	17°40	19°56	1°59	1°25	25°22	21°16	23°51	22°41	21° 3	28°31	M 9
T 10	21 14 27	18° 8'14	4♈ 4	5°16	23°54	18°10	19°50	2° 6	1°24	25°22	21°18	23°48	22°37	21°10	28°37	T 10
W11	21 18 24	19° 5'32	18°27	5° 1	24°12	18°40	19°44	2°14	1°22	25°22	21°20	23°45	22°34	21°16	28°43	W11
T 12	21 22 20	20° 2'52	2♉22	4°41	24°28	19°10	19°39	2°21	1°20	25°21	21°21	23°43	22°31	21°23	28°48	T 12
F 13	21 26 17	21° 0'12	15°50	4°16	24°42	19°40	19°33	2°29	1°19	25°21	21°23	23°D42	22°28	21°30	28°54	F 13
S 14	21 30 14	21°57'33	28°53	3°47	24°54	20°10	19°28	2°36	1°17	25°20	21°25	23°42	22°25	21°36	29° 0	S 14
S 15	21 34 10	22°54'55	11♊33	3°15	25° 3	20°41	19°22	2°44	1°15	25°20	21°27	23°43	22°21	21°43	29° 6	S 15
M16	21 38 7	23°52'18	23°55	2°38	25°11	21°12	19°17	2°51	1°14	25°19	21°28	23°44	22°18	21°50	29°11	M16
T 17	21 42 3	24°49'42	6♋ 3	1°59	25°17	21°43	19°12	2°59	1°12	25°19	21°30	23°46	22°15	21°56	29°17	T 17
W18	21 46 0	25°47'07	18° 1	1°17	25°20	22°15	19° 7	3° 6	1°10	25°18	21°32	23°R47	22°12	22° 3	29°22	W18
T 19	21 49 56	26°44'32	29°53	0°33	25°R21	22°47	19° 2	3°14	1° 8	25°17	21°33	23°47	22° 9	22°10	29°28	T 19
F 20	21 53 53	27°41'59	11♌41	29♌48	25°20	23°18	18°58	3°21	1° 6	25°17	21°35	23°46	22° 6	22°16	29°34	F 20
S 21	21 57 49	28°39'26	23°29	29° 3	25°16	23°51	18°53	3°28	1° 5	25°16	21°37	23°42	22° 2	22°23	29°39	S 21
S 22	22 1 46	29°36'54	5♍18	28°18	25°10	24°23	18°49	3°36	1° 3	25°15	21°38	23°38	21°59	22°30	29°45	S 22
M23	22 5 43	0♍34'23	17°11	27°34	25° 2	24°56	18°45	3°43	1° 1	25°14	21°40	23°31	21°56	22°36	29°50	M23
T 24	22 9 39	1°31'52	29°10	26°53	24°51	25°29	18°41	3°50	0°59	25°14	21°42	23°25	21°53	22°43	29°55	T 24
W25	22 13 36	2°29'23	11♎16	26°15	24°38	26° 2	18°37	3°57	0°57	25°13	21°44	23°18	21°50	22°50	0♌ 1	W25
T 26	22 17 32	3°26'54	23°31	25°40	24°23	26°35	18°34	4° 4	0°55	25°12	21°45	23°12	21°47	22°56	0° 6	T 26
F 27	22 21 29	4°24'26	5♏59	25°10	24° 5	27° 9	18°30	4°12	0°53	25°11	21°47	23° 7	21°43	23° 3	0°11	F 27
S 28	22 25 25	5°21'58	18°41	24°45	23°45	27°42	18°27	4°19	0°51	25°10	21°49	23° 3	21°40	23°10	0°17	S 28
S 29	22 29 22	6°19'32	1♐41	24°26	23°22	28°16	18°24	4°26	0°49	25° 9	21°50	23°D 2	21°37	23°16	0°22	S 29
M30	22 33 18	7°17'06	15° 1	24°12	22°58	28°50	18°21	4°33	0°46	25° 8	21°52	23° 2	21°34	23°23	0°27	M30
T 31	22 37 15	8♍14'41	28♐45	24°D 6	22♍32	29♏25	18♑18	4♌40	0♈44	25♈ 7	21♌54	23♑ 3	21♑31	23♌30	0♌32	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n45	22s44	4s38	8n 4	2s 4	2n29	1s36	17s 5	1s13	21s44	0s 3	19n40	0s 9	0s 6	0s48	8n26	1s26	18n36	4n26	21s11	21s19	12n26	13n59	6s37
M 2	17 30	25 1	3 56	7 41	2 18	2 7	1 46	17 14	1 14	21 45	0 3	19 39	0 9	0 7	0 48	8 26	1 26	18 35	4 26	21 11	21 20	12 24	13 58	6 38
T 3	17 14	25 51	2 58	7 20	2 33	1 46	1 56	17 22	1 15	21 46	0 3	19 37	0 9	0 7	0 48	8 26	1 26	18 35	4 26	21 11	21 21	12 21	13 56	6 38
W 4	16 58	25 1	1 48	7 0	2 47	1 24	2 6	17 31	1 15	21 48	0 3	19 35	0 9	0 8	0 48	8 26	1 26	18 34	4 27	21 11	21 21	12 18	13 55	6 38
T 5	16 42	22 27	0 28	6 42	3 1	1 4	2 17	17 40	1 16	21 49	0 3	19 34	0 9	0 9	0 48	8 26	1 26	18 34	4 27	21 11	21 22	12 15	13 54	6 38
F 6	16 26	18 18	0n54	6 26	3 14	0 43	2 28	17 49	1 17	21 50	0 3	19 32	0 9	0 9	0 48	8 25	1 26	18 33	4 27	21 11	21 22	12 12	13 53	6 38
S 7	16 9	12 54	2 14	6 12	3 28	0 23	2 39	17 58	1 18	21 51	0 4	19 31	0 9	0 10	0 48	8 25	1 26	18 33	4 27	21 11	21 23	12 10	13 51	6 38
S 8	15 52	6 43	3 24	6 0	3 41	0 4	2 50	18 7	1 18	21 52	0 4	19 29	0 9	0 10	0 48	8 25	1 26	18 32	4 27	21 11	21 23	12 7	13 50	6 38
M 9	15 35	0 13	4 19	5 50	3 53	0s15	3 2	18 15	1 19	21 53	0 4	19 27	0 9	0 11	0 48	8 25	1 26	18 32	4 27	21 12	21 24	12 4	13 49	6 39
T 10	15 18	6n 9	4 56	5 43	4 5	0 33	3 13	18 24	1 20	21 54	0 4	19 26	0 8	0 12	0 48	8 25	1 26	18 31	4 27	21 12	21 24	12 1	13 48	6 39
W11	15 0	12 1	5 13	5 38	4 17	0 51	3 25	18 33	1 20	21 55	0 4	19 24	0 8	0 12	0 48	8 25	1 26	18 31	4 27	21 13	21 25	11 58	13 46	6 39
T 12	14 42	17 5	5 11	5 35	4 27	1 8	3 37	18 42	1 21	21 56	0 4	19 22	0 8	0 13	0 49	8 24	1 26	18 30	4 27	21 13	21 25	11 55	13 45	6 39
F 13	14 24	21 7	4 51	5 35	4 36	1 25	3 49	18 51	1 21	21 57	0 4	19 21	0 8	0 13	0 49	8 24	1 26	18 30	4 27	21 13	21 26	11 53	13 44	6 39
S 14	14 6	23 58	4 17	5 38	4 44	1 41	4 2	19 0	1 22	21 58	0 4	19 19	0 8	0 14	0 49	8 24	1 26	18 29	4 27	21 13	21 26	11 50	13 42	6 40
S 15	13 48	25 31	3 31	5 43	4 51	1 56	4 14	19 8	1 23	21 58	0 5	19 18	0 8	0 15	0 49	8 24	1 26	18 29	4 27	21 13	21 27	11 47	13 41	6 40
M16	13 29	25 45	2 37	5 51	4 57	2 11	4 27	19 17	1 23	21 59	0 5	19 16	0 8	0 16	0 49	8 23	1 27	18 28	4 27	21 13	21 27	11 44	13 40	6 40
T 17	13 10	24 45	1 36	6 1	5 0	2 25	4 39	19 26	1 24	22 0	0 5	19 14	0 8	0 16	0 49	8 23	1 27	18 28	4 27	21 13	21 28	11 41	13 38	6 40
W18	12 51	22 36	0 32	6 14	5 3	2 38	4 52	19 34	1 24	22 1	0 5	19 13	0 8	0 17	0 49	8 23	1 27	18 27	4 27	21 13	21 28	11 38	13 37	6 41
T 19	12 31	19 30	0s33	6 28	5 3	2 50	5 5	19 43	1 25	22 2	0 5	19 11	0 8	0 18	0 49	8 23	1 27	18 27	4 27	21 13	21 29	11 36	13 36	6 41
F 20	12 12	15 38	1 36	6 45	5 2	3 1	5 18	19 52	1 25	22 2	0 5	19 10	0 8	0 18	0 49	8 22	1 27	18 26	4 28	21 13	21 29	11 33	13 34	6 41
S 21	11 52	11 10	2 35	7 3	4 59	3 12	5 30	20 0	1 26	22 3	0 5	19 8	0 8	0 19	0 49	8 22	1 27	18 26	4 28	21 13	21 30	11 30	13 33	6 41
S 22	11 32	6 18	3 27	7 23	4 54	3 21	5 43	20 9	1 27	22 4	0 5	19 6	0 8	0 20	0 49	8 22	1 27	18 25	4 28	21 14	21 30	11 27	13 31	6 42
M23	11 12	1 11	4 10	7 44	4 47	3 29	5 56	20 17	1 27	22 5	0 5	19 5	0 7	0 21	0 49	8 21	1 27	18 25	4 28	21 15	21 31	11 24	13 30	6 42
T 24	10 52	4s 0	4 43	8 6	4 39	3 36	6 8	20 26	1 28	22 5	0 6	19 3	0 7	0 22	0 49	8 21	1 27	18 25	4 28	21 16	21 31	11 21	13 29	6 42
W25	10 31	9 5	5 3	8 28	4 29	3 43	6 20	20 34	1 28	22 6	0 6	19 2	0 7	0 22	0 49	8 21	1 27	18 24	4 28	21 17	21 32	11 18	13 27	6 42
T 26	10 11	13 52	5 10	8 51	4 17	3 48	6 32	20 42	1 28	22 6	0 6	19 0	0 7	0 23	0 49	8 20	1 27	18 24	4 28	21 19	21 32	11 16	13 26	6 43
F 27	9 50	18 11	5 2	9 13	4 4	3 51	6 44	20 50	1 29	22 7	0 6	18 58	0 7	0 24	0 49	8 20	1 27	18 23	4 28	21 19	21 33	11 13	13 25	6 43
S 28	9 29	21 45	4 40	9 34	3 50	3 54	6 56	20 58	1 29	22 8	0 6	18 57	0 7	0 25	0 49	8 20	1 27	18 23	4 28	21 20	21 33	11 10	13 23	6 43
S 29	9 8	24 19	4 2	9 55	3 35	3 56	7 7	21 7	1 30	22 8	0 6	18 55	0 7	0 26	0 49	8 19	1 27	18 22	4 28	21 20	21 34	11 7	13 22	6 44
M30	8 47	25 37	3 11	10 14	3 19	3 56	7 17	21 14	1 30	22 9	0 6	18 54	0 7	0 27	0 49	8 19	1 27	18 22	4 28	21 20	21 34	11 4	13 20	6 44
T 31	8n26	25s25	2s 8	10n32	3s 2	3s55	7s28	21s22	1s31	22s 9	0s 6	18n52	0s 7	0s27	0s49	8n18	1s27	18n21	4n29	21s20	21s35	11n 1	13n19	6s44

Julian Day Number = 2883473.5, Delta T = 01h16m27s
Ecliptic obliquity = 23°17'14, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°18'07, Lahiri = 40°25'07

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ASTRODIENST EPHEMERIS for the year 3182
geocentric

SEPTEMBER 3182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 41 12	9♍12'17	12♉53	24♌ 6	22°R 3	29♏59	18°R16	4♌47	0°R42	25°R 6	21♌55	23♉ 4	21♉27	23♌36	0♌38	W 1
T 2	22 45 8	10° 9'53	27°24	24°13	21♍33	0♐34	18♉14	4°53	0♈40	25♈ 5	21°57	23°R 5	21°24	23°43	0°43	T 2
F 3	22 49 5	11° 7'31	12♒16	24°27	21° 1	1° 9	18°11	5° 0	0°38	25° 4	21°59	23° 3	21°21	23°50	0°48	F 3
S 4	22 53 1	12° 5'09	27°22	24°48	20°28	1°44	18° 9	5° 7	0°36	25° 3	22° 0	23° 0	21°18	23°56	0°53	S 4
S 5	22 56 58	13° 2'49	12♓35	25°17	19°53	2°19	18° 8	5°14	0°33	25° 2	22° 2	22°54	21°15	24° 3	0°58	S 5
M 6	23 0 54	14° 0'29	27°42	25°53	19°18	2°55	18° 6	5°20	0°31	25° 1	22° 3	22°47	21°12	24°10	1° 3	M 6
T 7	23 4 51	14°58'11	12♈36	26°37	18°41	3°30	18° 5	5°27	0°29	25° 0	22° 5	22°39	21° 8	24°16	1° 7	T 7
W 8	23 8 47	15°55'55	27° 7	27°27	18° 4	4° 6	18° 3	5°34	0°26	24°58	22° 7	22°32	21° 5	24°23	1°12	W 8
T 9	23 12 44	16°53'40	11♉11	28°24	17°27	4°42	18° 2	5°40	0°24	24°57	22° 8	22°25	21° 2	24°30	1°17	T 9
F 10	23 16 40	17°51'26	24°45	29°28	16°49	5°18	18° 2	5°47	0°22	24°56	22°10	22°21	20°59	24°36	1°22	F 10
S 11	23 20 37	18°49'15	7♊51	0♍38	16°12	5°55	18° 1	5°53	0°20	24°55	22°11	22°18	20°56	24°43	1°27	S 11
S 12	23 24 34	19°47'05	20°31	1°55	15°35	6°31	18° 0	5°59	0°17	24°53	22°13	22°D18	20°52	24°50	1°31	S 12
M13	23 28 30	20°44'56	2♋52	3°17	14°59	7° 8	18° 0	6° 6	0°15	24°52	22°14	22°18	20°49	24°56	1°36	M13
T 14	23 32 27	21°42'49	14°56	4°44	14°23	7°45	18°D 0	6°12	0°13	24°51	22°16	22°19	20°46	25° 3	1°40	T 14
W15	23 36 23	22°40'44	26°50	6°16	13°49	8°22	18° 0	6°18	0°10	24°49	22°17	22°R19	20°43	25°10	1°45	W15
T 16	23 40 20	23°38'41	8♌39	7°52	13°16	8°59	18° 0	6°24	0° 8	24°48	22°19	22°18	20°40	25°16	1°49	T 16
F 17	23 44 16	24°36'39	20°26	9°33	12°44	9°36	18° 1	6°30	0° 5	24°47	22°20	22°14	20°37	25°23	1°54	F 17
S 18	23 48 13	25°34'38	2♍15	11°16	12°14	10°14	18° 1	6°36	0° 3	24°45	22°22	22° 8	20°33	25°30	1°58	S 18
S 19	23 52 9	26°32'40	14° 9	13° 3	11°46	10°51	18° 2	6°42	0° 1	24°44	22°23	21°59	20°30	25°36	2° 2	S 19
M20	23 56 6	27°30'43	26°10	14°52	11°20	11°29	18° 3	6°48	29♓58	24°43	22°25	21°48	20°27	25°43	2° 6	M20
T 21	0 0 3	28°28'47	8♎19	16°44	10°55	12° 7	18° 5	6°54	29°56	24°41	22°26	21°36	20°24	25°50	2°11	T 21
W22	0 3 59	29°26'53	20°37	18°37	10°33	12°45	18° 6	7° 0	29°53	24°40	22°28	21°24	20°21	25°56	2°15	W22
T 23	0 7 56	0♎25'01	3♏ 5	20°31	10°13	13°24	18° 7	7° 6	29°51	24°38	22°29	21°12	20°18	26° 3	2°19	T 23
F 24	0 11 52	1°23'10	15°44	22°26	9°55	14° 2	18° 9	7°11	29°49	24°37	22°30	21° 3	20°14	26°10	2°23	F 24
S 25	0 15 49	2°21'20	28°35	24°22	9°40	14°41	18°11	7°17	29°46	24°35	22°32	20°56	20°11	26°16	2°27	S 25
S 26	0 19 45	3°19'32	11♐39	26°17	9°27	15°19	18°13	7°22	29°44	24°34	22°33	20°52	20° 8	26°23	2°31	S 26
M27	0 23 42	4°17'46	24°59	28°13	9°17	15°58	18°16	7°28	29°41	24°32	22°35	20°50	20° 5	26°30	2°34	M27
T 28	0 27 38	5°16'01	8♑37	0♎ 9	9° 8	16°37	18°18	7°33	29°39	24°31	22°36	20°D50	20° 2	26°36	2°38	T 28
W29	0 31 35	6°14'17	22°33	2° 4	9° 3	17°16	18°21	7°38	29°37	24°29	22°37	20°R50	19°58	26°43	2°42	W29
T 30	0 35 32	7♎12'35	6♒49	3♎59	8♍59	17♐55	18♉24	7♌44	29♓34	24♈27	22♌39	20♉49	19♉55	26♌50	2♌45	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n 4	23s35	0s55	10n48	2s45	3s53	7s37	21s30	1s31	22s 9	0s 6	18n50	0s 7	0s28	0s49	8n18	1s27	18n21	4n29	21s20	21s35	10n58	13n18	6s45
T 2	7 43	20 10	0n23	11 3	2 28	3 49	7 46	21 38	1 31	22 10	0 7	18 49	0 7	0 29	0 49	8 18	1 27	18 20	4 29	21 20	21 36	10 55	13 16	6 45
F 3	7 21	15 23	1 42	11 15	2 10	3 44	7 55	21 45	1 32	22 10	0 7	18 47	0 7	0 30	0 49	8 17	1 27	18 20	4 29	21 20	21 36	10 53	13 15	6 45
S 4	6 59	9 35	2 54	11 24	1 52	3 39	8 2	21 53	1 32	22 11	0 7	18 46	0 6	0 31	0 49	8 17	1 27	18 20	4 29	21 20	21 37	10 50	13 13	6 46
S 5	6 37	3 11	3 54	11 32	1 34	3 32	8 9	22 0	1 33	22 11	0 7	18 44	0 6	0 32	0 49	8 16	1 27	18 19	4 29	21 21	21 37	10 47	13 12	6 46
M 6	6 15	3n21	4 38	11 36	1 17	3 23	8 15	22 8	1 33	22 11	0 7	18 43	0 6	0 33	0 49	8 16	1 27	18 19	4 29	21 23	21 38	10 44	13 11	6 47
T 7	5 53	9 35	5 2	11 37	1 0	3 14	8 20	22 15	1 33	22 12	0 7	18 41	0 6	0 34	0 49	8 15	1 27	18 18	4 29	21 24	21 38	10 41	13 9	6 47
W 8	5 31	15 8	5 6	11 36	0 44	3 4	8 25	22 22	1 34	22 12	0 7	18 40	0 6	0 35	0 49	8 15	1 28	18 18	4 29	21 25	21 39	10 38	13 8	6 47
T 9	5 9	19 41	4 50	11 31	0 28	2 53	8 28	22 29	1 34	22 12	0 7	18 38	0 6	0 35	0 49	8 14	1 28	18 17	4 30	21 26	21 39	10 35	13 6	6 48
F 10	4 46	23 2	4 19	11 24	0 12	2 41	8 31	22 36	1 34	22 12	0 7	18 37	0 6	0 36	0 49	8 14	1 28	18 17	4 30	21 27	21 40	10 33	13 5	6 48
S 11	4 24	25 1	3 35	11 13	0n 2	2 28	8 32	22 42	1 34	22 12	0 7	18 35	0 6	0 37	0 49	8 13	1 28	18 17	4 30	21 27	21 40	10 30	13 4	6 49
S 12	4 1	25 39	2 42	10 59	0 16	2 15	8 33	22 49	1 35	22 13	0 8	18 34	0 6	0 38	0 49	8 13	1 28	18 16	4 30	21 27	21 41	10 27	13 2	6 49
M13	3 39	24 58	1 42	10 42	0 29	2 1	8 33	22 55	1 35	22 13	0 8	18 32	0 6	0 39	0 49	8 12	1 28	18 16	4 30	21 27	21 41	10 24	13 1	6 49
T 14	3 16	23 7	0 39	10 21	0 41	1 47	8 32	23 2	1 35	22 13	0 8	18 31	0 6	0 40	0 49	8 12	1 28	18 16	4 30	21 27	21 42	10 21	13 0	6 50
W15	2 53	20 16	0s24	9 58	0 52	1 32	8 30	23 8	1 36	22 13	0 8	18 29	0 6	0 41	0 49	8 11	1 28	18 15	4 30	21 27	21 42	10 18	12 58	6 50
T 16	2 30	16 36	1 26	9 31	1 2	1 17	8 27	23 14	1 36	22 13	0 8	18 28	0 5	0 42	0 49	8 11	1 28	18 15	4 30	21 27	21 43	10 15	12 57	6 51
F 17	2 8	12 18	2 24	9 2	1 11	1 2	8 23	23 20	1 36	22 13	0 8	18 26	0 5	0 43	0 49	8 10	1 28	18 14	4 30	21 28	21 43	10 12	12 55	6 51
S 18	1 45	7 33	3 16	8 31	1 19	0 46	8 19	23 26	1 36	22 13	0 8	18 25	0 5	0 44	0 49	8 10	1 28	18 14	4 31	21 29	21 44	10 9	12 54	6 52
S 19	1 22	2 30	4 0	7 56	1 26	0 31	8 13	23 31	1 36	22 13	0 8	18 24	0 5	0 45	0 49	8 9	1 28	18 14	4 31	21 30	21 44	10 7	12 53	6 52
M20	0 59	2s40	4 33	7 20	1 32	0 16	8 8	23 37	1 37	22 13	0 8	18 22	0 5	0 46	0 49	8 9	1 28	18 13	4 31	21 32	21 45	10 4	12 51	6 53
T 21	0 36	7 47	4 54	6 42	1 37	0 0	8 1	23 42	1 37	22 13	0 8	18 21	0 5	0 47	0 49	8 8	1 28	18 13	4 31	21 34	21 45	10 1	12 50	6 53
W22	0 13	12 40	5 2	6 1	1 41	0n14	7 54	23 47	1 37	22 13	0 9	18 20	0 5	0 48	0 49	8 8	1 28	18 13	4 31	21 36	21 45	9 58	12 49	6 54
T 23	0s10	17 6	4 56	5 19	1 44	0 29	7 46	23 52	1 37	22 13	0 9	18 18	0 5	0 49	0 49	8 7	1 28	18 12	4 31	21 38	21 46	9 55	12 47	6 54
F 24	0 33	20 50	4 35	4 36	1 46	0 43	7 38	23 57	1 37	22 13	0 9	18 17	0 5	0 50	0 49	8 7	1 28	18 12	4 31	21 39	21 46	9 52	12 46	6 55
S 25	0 56	23 37	4 0	3 52	1 47	0 57	7 29	24 2	1 38	22 12	0 9	18 15	0 5	0 50	0 49	8 6	1 28	18 12	4 32	21 40	21 47	9 49	12 45	6 55
S 26	1 19	25 13	3 12	3 7	1 47	1 10	7 20	24 6	1 38	22 12	0 9	18 14	0 5	0 51	0 49	8 5	1 28	18 11	4 32	21 41	21 47	9 46	12 43	6 56
M27	1 42	25 24	2 13	2 21	1 47	1 23	7 10	24 10	1 38	22 12	0 9	18 13	0 5	0 52	0 49	8 5	1 28	18 11	4 32	21 41	21 48	9 43	12 42	6 56
T 28	2 5	24 5	1 4	1 34	1 46	1 35	7 1	24 15	1 38	22 12	0 9	18 12	0 4	0 53	0 49	8 4	1 28	18 11	4 32	21 41	21 48	9 40	12 41	6 57
W29	2 28	21 16	0n 9	0 47	1 45	1 46	6 51	24 19	1 38	22 11	0 9	18 10	0 4	0 54	0 49	8 4	1 28	18 10	4 32	21 41	21 49	9 38	12 39	6 57
T 30	2s51	17s 6	1n24	0s 0	1n42	1n57	6s40	24s22	1s38	22s11	0s 9	18n 9	0s 4	0s55	0s49	8n 3	1s28	18n10	4n32	21s41	21s49	9n35	12n38	6s58

Julian Day Number = 2883504.5, Delta T = 01h16m28s
Ecliptic obliquity = 23°17'14, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°18'11, Lahiri = 40°25'11

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ASTRODIENST EPHEMERIS for the year 3182
geocentric

OCTOBER 3182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 39 28	8♎10'54	21♒23	5♎53	8°D58	18♐35	18♑27	7♌49	29°R32	24°R26	22♌40	20°R47	19♑52	26♌56	2♌49	F 1
S 2	0 43 25	9° 9'14	6♓11	7°46	9♍ 0	19°14	18°30	7°54	29♓30	24♈24	22°41	20♑41	19°49	27° 3	2°52	S 2
S 3	0 47 21	10° 7'36	21° 8	9°39	9° 3	19°54	18°34	7°59	29°27	24°23	22°42	20°33	19°46	27°10	2°56	S 3
M 4	0 51 18	11° 6'00	6♈ 3	11°30	9° 9	20°34	18°37	8° 4	29°25	24°21	22°44	20°23	19°43	27°16	2°59	M 4
T 5	0 55 14	12° 4'25	20°50	13°21	9°18	21°14	18°41	8° 8	29°23	24°19	22°45	20°12	19°39	27°23	3° 2	T 5
W 6	0 59 11	13° 2'53	5♉18	15°10	9°28	21°54	18°45	8°13	29°20	24°18	22°46	20° 1	19°36	27°30	3° 6	W 6
T 7	1 3 7	14° 1'22	19°22	16°59	9°40	22°34	18°49	8°18	29°18	24°16	22°47	19°51	19°33	27°36	3° 9	T 7
F 8	1 7 4	14°59'54	2♊59	18°47	9°55	23°14	18°53	8°22	29°16	24°15	22°48	19°43	19°30	27°43	3°12	F 8
S 9	1 11 1	15°58'27	16° 8	20°33	10°12	23°55	18°58	8°27	29°13	24°13	22°49	19°38	19°27	27°50	3°15	S 9
S 10	1 14 57	16°57'03	28°52	22°19	10°30	24°35	19° 2	8°31	29°11	24°11	22°51	19°36	19°24	27°56	3°18	S 10
M11	1 18 54	17°55'41	11♋14	24° 4	10°51	25°16	19° 7	8°36	29° 9	24°10	22°52	19°35	19°20	28° 3	3°21	M11
T 12	1 22 50	18°54'21	23°19	25°47	11°13	25°56	19°12	8°40	29° 7	24° 8	22°53	19°35	19°17	28°10	3°23	T 12
W13	1 26 47	19°53'03	5♌14	27°30	11°37	26°37	19°17	8°44	29° 5	24° 6	22°54	19°34	19°14	28°17	3°26	W13
T 14	1 30 43	20°51'47	17° 3	29°12	12° 3	27°18	19°23	8°48	29° 2	24° 5	22°55	19°33	19°11	28°23	3°29	T 14
F 15	1 34 40	21°50'33	28°51	0♏52	12°30	27°59	19°28	8°52	29° 0	24° 3	22°56	19°28	19° 8	28°30	3°31	F 15
S 16	1 38 36	22°49'22	10♍44	2°32	12°59	28°41	19°34	8°56	28°58	24° 1	22°57	19°21	19° 4	28°37	3°34	S 16
S 17	1 42 33	23°48'12	22°43	4°11	13°30	29°22	19°39	9° 0	28°56	24° 0	22°58	19°11	19° 1	28°43	3°36	S 17
M18	1 46 29	24°47'05	4♎53	5°49	14° 2	0♑ 4	19°45	9° 3	28°54	23°58	22°59	18°59	18°58	28°50	3°38	M18
T 19	1 50 26	25°45'59	17°14	7°26	14°35	0°45	19°52	9° 7	28°52	23°56	23° 0	18°46	18°55	28°57	3°41	T 19
W20	1 54 23	26°44'56	29°48	9° 3	15°10	1°27	19°58	9°11	28°50	23°55	23° 1	18°32	18°52	29° 3	3°43	W20
T 21	1 58 19	27°43'55	12♏34	10°38	15°46	2° 9	20° 4	9°14	28°48	23°53	23° 1	18°20	18°49	29°10	3°45	T 21
F 22	2 2 16	28°42'55	25°31	12°13	16°24	2°51	20°11	9°17	28°46	23°51	23° 2	18° 9	18°45	29°17	3°47	F 22
S 23	2 6 12	29°41'58	8♐40	13°46	17° 2	3°33	20°18	9°20	28°44	23°50	23° 3	18° 1	18°42	29°23	3°49	S 23
S 24	2 10 9	0♏41'02	21°59	15°19	17°42	4°15	20°24	9°24	28°42	23°48	23° 4	17°56	18°39	29°30	3°51	S 24
M25	2 14 5	1°40'08	5♑29	16°52	18°23	4°57	20°31	9°27	28°40	23°46	23° 5	17°54	18°36	29°37	3°52	M25
T 26	2 18 2	2°39'16	19°11	18°23	19° 5	5°39	20°39	9°30	28°38	23°45	23° 6	17°D53	18°33	29°43	3°54	T 26
W27	2 21 58	3°38'26	3♒ 4	19°54	19°48	6°22	20°46	9°32	28°36	23°43	23° 6	17°R54	18°29	29°50	3°56	W27
T 28	2 25 55	4°37'37	17° 9	21°23	20°32	7° 4	20°53	9°35	28°35	23°41	23° 7	17°53	18°26	29°57	3°57	T 28
F 29	2 29 52	5°36'49	1♓26	22°52	21°17	7°47	21° 1	9°38	28°33	23°40	23° 8	17°51	18°23	0♍ 3	3°58	F 29
S 30	2 33 48	6°36'04	15°53	24°21	22° 3	8°30	21° 9	9°40	28°31	23°38	23° 8	17°46	18°20	0°10	4° 0	S 30
S 31	2 37 45	7♏35'20	0♈24	25♏48	22♍50	9♑12	21♑17	9♌43	28♓29	23♈37	23♌ 9	17♑39	18♑17	0♍17	4♌ 1	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s14	11s51	2n34	0s48	1n40	2n 7	6s30	24s26	1s38	22s11	0s 9	18n 8	0s 4	0s56	0s49	8n 3	1s28	18n10	4n32	21s42	21s50	9n32	12n37	6s58
S 2	3 36	5 51	3 35	1 35	1 36	2 17	6 19	24 29	1 38	22 10	0 9	18 7	0 4	0 57	0 49	8 2	1 28	18 10	4 33	21 42	21 50	9 29	12 35	6 59
S 3	3 59	0n32	4 22	2 23	1 33	2 26	6 8	24 33	1 38	22 10	0 9	18 5	0 4	0 58	0 49	8 1	1 28	18 9	4 33	21 44	21 51	9 26	12 34	6 59
M 4	4 22	6 51	4 52	3 10	1 28	2 34	5 57	24 36	1 39	22 10	0 10	18 4	0 4	0 59	0 49	8 1	1 28	18 9	4 33	21 45	21 51	9 23	12 33	7 0
T 5	4 45	12 44	5 1	3 57	1 24	2 41	5 46	24 38	1 39	22 9	0 10	18 3	0 4	1 0	0 49	8 0	1 28	18 9	4 33	21 47	21 51	9 20	12 32	7 0
W 6	5 7	17 46	4 50	4 44	1 19	2 47	5 35	24 41	1 39	22 9	0 10	18 2	0 4	1 1	0 49	8 0	1 28	18 9	4 33	21 48	21 52	9 17	12 30	7 1
T 7	5 30	21 40	4 22	5 30	1 14	2 53	5 24	24 43	1 39	22 8	0 10	18 1	0 4	1 2	0 49	7 59	1 28	18 8	4 33	21 50	21 52	9 14	12 29	7 2
F 8	5 52	24 13	3 40	6 16	1 8	2 58	5 13	24 46	1 39	22 8	0 10	18 0	0 4	1 2	0 49	7 58	1 28	18 8	4 34	21 51	21 53	9 11	12 28	7 2
S 9	6 15	25 20	2 47	7 1	1 2	3 2	5 2	24 48	1 39	22 7	0 10	17 59	0 4	1 3	0 49	7 58	1 28	18 8	4 34	21 52	21 53	9 9	12 27	7 3
S 10	6 37	25 4	1 47	7 46	0 56	3 5	4 51	24 49	1 39	22 7	0 10	17 58	0 3	1 4	0 49	7 57	1 28	18 8	4 34	21 52	21 54	9 6	12 25	7 3
M11	6 59	23 33	0 44	8 30	0 50	3 8	4 40	24 51	1 39	22 6	0 10	17 57	0 3	1 5	0 49	7 56	1 28	18 7	4 34	21 52	21 54	9 3	12 24	7 4
T 12	7 22	20 58	0s20	9 13	0 44	3 10	4 29	24 52	1 39	22 5	0 10	17 56	0 3	1 6	0 49	7 56	1 28	18 7	4 34	21 52	21 55	9 0	12 23	7 5
W13	7 44	17 31	1 22	9 56	0 37	3 11	4 18	24 53	1 39	22 5	0 10	17 55	0 3	1 7	0 49	7 55	1 28	18 7	4 34	21 52	21 55	8 57	12 22	7 5
T 14	8 6	13 24	2 20	10 39	0 30	3 11	4 7	24 54	1 39	22 4	0 10	17 54	0 3	1 8	0 49	7 55	1 28	18 7	4 35	21 52	21 56	8 54	12 21	7 6
F 15	8 28	8 48	3 12	11 20	0 24	3 11	3 56	24 55	1 39	22 3	0 10	17 53	0 3	1 8	0 49	7 54	1 28	18 7	4 35	21 53	21 56	8 51	12 19	7 6
S 16	8 49	3 52	3 55	12 1	0 17	3 10	3 46	24 56	1 39	22 3	0 10	17 52	0 3	1 9	0 49	7 53	1 28	18 7	4 35	21 54	21 56	8 48	12 18	7 7
S 17	9 11	1s15	4 29	12 41	0 10	3 8	3 35	24 56	1 39	22 2	0 11	17 51	0 3	1 10	0 49	7 53	1 28	18 6	4 35	21 55	21 57	8 45	12 17	7 8
M18	9 32	6 23	4 51	13 20	0 3	3 5	3 25	24 56	1 39	22 1	0 11	17 50	0 3	1 11	0 49	7 52	1 28	18 6	4 35	21 57	21 57	8 42	12 16	7 8
T 19	9 54	11 21	5 0	13 59	0s 4	3 2	3 15	24 56	1 39	22 0	0 11	17 49	0 3	1 12	0 49	7 52	1 28	18 6	4 35	21 59	21 58	8 39	12 15	7 9
W20	10 15	15 55	4 54	14 36	0 12	2 58	3 5	24 55	1 38	21 59	0 11	17 48	0 3	1 13	0 49	7 51	1 28	18 6	4 36	22 1	21 58	8 36	12 14	7 9
T 21	10 36	19 52	4 34	15 13	0 19	2 53	2 55	24 55	1 38	21 59	0 11	17 48	0 3	1 13	0 49	7 50	1 28	18 6	4 36	22 3	21 59	8 34	12 13	7 10
F 22	10 57	22 54	3 59	15 49	0 26	2 48	2 45	24 54	1 38	21 58	0 11	17 47	0 2	1 14	0 49	7 50	1 28	18 6	4 36	22 4	21 59	8 31	12 12	7 11
S 23	11 18	24 46	3 12	16 24	0 33	2 42	2 35	24 53	1 38	21 57	0 11	17 46	0 2	1 15	0 49	7 49	1 28	18 6	4 36	22 5	21 59	8 28	12 11	7 11
S 24	11 38	25 15	2 13	16 58	0 40	2 35	2 26	24 51	1 38	21 56	0 11	17 45	0 2	1 16	0 49	7 49	1 28	18 6	4 36	22 6	22 0	8 25	12 10	7 12
M25	11 59	24 16	1 5	17 31	0 47	2 28	2 16	24 50	1 38	21 55	0 11	17 45	0 2	1 16	0 49	7 48	1 28	18 5	4 37	22 6	22 0	8 22	12 9	7 13
T 26	12 19	21 49	0n 7	18 4	0 54	2 20	2 7	24 48	1 38	21 54	0 11	17 44	0 2	1 17	0 49	7 47	1 28	18 5	4 37	22 6	22 1	8 19	12 8	7 13
W27	12 39	18 3	1 20	18 35	1 1	2 12	1 58	24 46	1 38	21 53	0 11	17 43	0 2	1 18	0 49	7 47	1 28	18 5	4 37	22 6	22 1	8 16	12 7	7 14
T 28	12 59	13 14	2 29	19 6	1 8	2 3	1 49	24 43	1 38	21 52	0 11	17 43	0 2	1 18	0 49	7 46	1 28	18 5	4 37	22 6	22 2	8 13	12 6	7 14
F 29	13 19	7 38	3 29	19 35	1 15	1 54	1 40	24 41	1 37	21 51	0 11	17 42	0 2	1 19	0 48	7 46	1 28	18 5	4 37	22 6	22 2	8 10	12 5	7 15
S 30	13 38	1 35	4 17	20 4	1 22	1 44	1 32	24 38	1 37	21 50	0 12	17 41	0 2	1 20	0 48	7 45	1 28	18 5	4 37	22 7	22 2	8 7	12 4	7 16
S 31	13s57	4n35	4n49	20s31	1s29	1n33	1s23	24s35	1s37	21s48	0s12	17n41	0s 2	1s20	0s48	7n44	1s28	18n 5	4n38	22s 8	22s 3	8n 4	12n 3	7s16

Julian Day Number = 2883534.5, Delta T = 01h16m28s
Ecliptic obliquity = 23°17'14, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°18'15, Lahiri = 40°25'15

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3182
geocentric

NOVEMBER 3182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 41 41	8♏34'38	14♈56	27♏15	23♍38	9♉55	21♉25	9♌45	28°R28	23°R35	23♌10	17°R29	18♉14	0♍23	4♌ 2	M 1
T 2	2 45 38	9°33'57	29°21	28°41	24°27	10°38	21°33	9°47	28♓26	23♈33	23°10	17♉18	18°10	0°30	4° 3	T 2
W 3	2 49 34	10°33'19	13♑32	0♐ 6	25°16	11°21	21°41	9°49	28°24	23°32	23°11	17° 8	18° 7	0°37	4° 4	W 3
T 4	2 53 31	11°32'43	27°25	1°30	26° 7	12° 5	21°49	9°51	28°23	23°30	23°11	16°58	18° 4	0°43	4° 5	T 4
F 5	2 57 27	12°32'09	10♊55	2°53	26°58	12°48	21°58	9°53	28°21	23°29	23°12	16°51	18° 1	0°50	4° 6	F 5
S 6	3 1 24	13°31'37	24° 2	4°15	27°49	13°31	22° 7	9°55	28°20	23°27	23°12	16°46	17°58	0°57	4° 7	S 6
S 7	3 5 21	14°31'07	6♋45	5°36	28°42	14°15	22°15	9°57	28°18	23°26	23°13	16°44	17°55	1° 3	4° 7	S 7
M 8	3 9 17	15°30'39	19° 8	6°57	29°35	14°58	22°24	9°58	28°17	23°24	23°13	16°D43	17°51	1°10	4° 8	M 8
T 9	3 13 14	16°30'14	1♌16	8°16	0♎29	15°42	22°33	10° 0	28°16	23°23	23°14	16°44	17°48	1°17	4° 8	T 9
W10	3 17 10	17°29'50	13°12	9°34	1°24	16°26	22°43	10° 1	28°14	23°21	23°14	16°R44	17°45	1°24	4° 9	W10
T 11	3 21 7	18°29'29	25° 3	10°50	2°19	17° 9	22°52	10° 2	28°13	23°20	23°14	16°44	17°42	1°30	4° 9	T 11
F 12	3 25 3	19°29'10	6♍53	12° 6	3°15	17°53	23° 1	10° 3	28°12	23°18	23°15	16°42	17°39	1°37	4° 9	F 12
S 13	3 29 0	20°28'53	18°47	13°20	4°11	18°37	23°11	10° 4	28°11	23°17	23°15	16°38	17°35	1°44	4° 9	S 13
S 14	3 32 56	21°28'39	0♎51	14°32	5° 8	19°21	23°21	10° 5	28°10	23°15	23°15	16°32	17°32	1°50	4°R 9	S 14
M15	3 36 53	22°28'26	13° 7	15°42	6° 5	20° 5	23°30	10° 6	28° 8	23°14	23°16	16°24	17°29	1°57	4° 9	M15
T 16	3 40 50	23°28'16	25°38	16°51	7° 3	20°50	23°40	10° 7	28° 7	23°13	23°16	16°14	17°26	2° 4	4° 9	T 16
W17	3 44 46	24°28'07	8♏26	17°57	8° 2	21°34	23°50	10° 7	28° 6	23°11	23°16	16° 5	17°23	2°10	4° 9	W17
T 18	3 48 43	25°28'01	21°30	19° 1	9° 1	22°18	24° 0	10° 8	28° 5	23°10	23°16	15°56	17°20	2°17	4° 8	T 18
F 19	3 52 39	26°27'57	4♐50	20° 3	10° 0	23° 3	24°10	10° 8	28° 4	23° 8	23°16	15°48	17°16	2°24	4° 8	F 19
S 20	3 56 36	27°27'54	18°22	21° 1	11° 0	23°47	24°21	10° 8	28° 4	23° 7	23°16	15°43	17°13	2°30	4° 7	S 20
S 21	4 0 32	28°27'53	2♑ 6	21°56	12° 0	24°32	24°31	10° 8	28° 3	23° 6	23°16	15°40	17°10	2°37	4° 7	S 21
M22	4 4 29	29°27'54	15°58	22°48	13° 1	25°16	24°42	10°R 8	28° 2	23° 5	23°17	15°D39	17° 7	2°44	4° 6	M22
T 23	4 8 26	0♐27'57	29°56	23°35	14° 2	26° 1	24°52	10° 8	28° 1	23° 3	23°17	15°39	17° 4	2°50	4° 5	T 23
W24	4 12 22	1°28'01	14♒ 0	24°18	15° 3	26°46	25° 3	10° 8	28° 1	23° 2	23°R17	15°41	17° 1	2°57	4° 4	W24
T 25	4 16 19	2°28'06	28° 7	24°56	16° 5	27°31	25°14	10° 8	28° 0	23° 1	23°17	15°R42	16°57	3° 4	4° 3	T 25
F 26	4 20 15	3°28'13	12♓16	25°28	17° 8	28°16	25°25	10° 7	27°59	23° 0	23°17	15°41	16°54	3°10	4° 2	F 26
S 27	4 24 12	4°28'21	26°26	25°53	18°10	29° 1	25°36	10° 7	27°59	22°59	23°17	15°39	16°51	3°17	4° 1	S 27
S 28	4 28 8	5°28'31	10♈34	26°12	19°13	29°46	25°47	10° 6	27°58	22°57	23°16	15°35	16°48	3°24	4° 0	S 28
M29	4 32 5	6°28'42	24°38	26°23	20°17	0♒31	25°58	10° 5	27°58	22°56	23°16	15°30	16°45	3°31	3°59	M29
T 30	4 36 1	7♐28'54	8♑35	26°R26	21♎20	1♒16	26♑ 9	10♌ 4	27♓57	22♈55	23♌16	15♉24	16♉41	3♍37	3♌57	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s16	10n29	5n 2	20s58	1s35	1n22	1s15	24s32	1s37	21s47	0s12	17n40	0s 2	1s21	0s48	7n44	1s28	18n 5	4n38	22s 9	22s 3	8n 1	12n 2	7s17
T 2	14 35	15 47	4 56	21 23	1 41	1 10	1 7	24 28	1 37	21 46	0 12	17 40	0 1	1 22	0 48	7 43	1 28	18 5	4 38	22 11	22 4	7 58	12 1	7 18
W 3	14 54	20 7	4 31	21 48	1 48	0 58	0 59	24 25	1 37	21 45	0 12	17 39	0 1	1 22	0 48	7 43	1 28	18 5	4 38	22 12	22 4	7 55	12 0	7 18
T 4	15 12	23 12	3 51	22 11	1 54	0 45	0 51	24 21	1 36	21 44	0 12	17 39	0 1	1 23	0 48	7 42	1 28	18 5	4 38	22 13	22 5	7 53	11 59	7 19
F 5	15 30	24 53	2 59	22 33	2 0	0 32	0 43	24 16	1 36	21 42	0 12	17 38	0 1	1 23	0 48	7 42	1 28	18 5	4 39	22 14	22 5	7 50	11 59	7 20
S 6	15 48	25 7	1 58	22 55	2 5	0 19	0 36	24 12	1 36	21 41	0 12	17 38	0 1	1 24	0 48	7 41	1 28	18 5	4 39	22 15	22 5	7 47	11 58	7 20
S 7	16 6	24 0	0 53	23 15	2 11	0 5	0 28	24 7	1 36	21 40	0 12	17 38	0 1	1 24	0 48	7 40	1 28	18 5	4 39	22 15	22 6	7 44	11 57	7 21
M 8	16 23	21 43	0s13	23 34	2 16	0s10	0 21	24 2	1 36	21 38	0 12	17 37	0 1	1 25	0 48	7 40	1 28	18 5	4 39	22 15	22 6	7 41	11 56	7 22
T 9	16 40	18 30	1 17	23 52	2 21	0 25	0 14	23 57	1 35	21 37	0 12	17 37	0 1	1 25	0 48	7 39	1 28	18 5	4 39	22 15	22 7	7 38	11 56	7 22
W10	16 57	14 34	2 17	24 8	2 26	0 40	0 7	23 51	1 35	21 35	0 12	17 37	0 1	1 26	0 48	7 39	1 28	18 5	4 40	22 15	22 7	7 35	11 55	7 23
T 11	17 13	10 6	3 10	24 24	2 30	0 55	0 1	23 46	1 35	21 34	0 12	17 37	0 1	1 26	0 48	7 38	1 28	18 5	4 40	22 15	22 8	7 32	11 54	7 24
F 12	17 29	5 17	3 56	24 39	2 34	1 11	0n 6	23 40	1 35	21 32	0 12	17 36	0 0	1 27	0 48	7 38	1 28	18 5	4 40	22 15	22 8	7 29	11 54	7 24
S 13	17 45	0 15	4 31	24 52	2 38	1 28	0 12	23 34	1 34	21 31	0 12	17 36	0 0	1 27	0 48	7 37	1 28	18 5	4 40	22 15	22 8	7 26	11 53	7 25
S 14	18 1	4s51	4 55	25 4	2 41	1 45	0 19	23 27	1 34	21 29	0 13	17 36	0 0	1 28	0 48	7 37	1 28	18 6	4 40	22 16	22 9	7 23	11 52	7 26
M15	18 16	9 50	5 5	25 15	2 44	2 2	0 25	23 20	1 34	21 28	0 13	17 36	0 0	1 28	0 48	7 36	1 28	18 6	4 41	22 17	22 9	7 20	11 52	7 26
T 16	18 31	14 32	5 2	25 24	2 47	2 19	0 31	23 13	1 33	21 26	0 13	17 36	0 0	1 29	0 48	7 36	1 28	18 6	4 41	22 18	22 10	7 17	11 51	7 27
W17	18 46	18 42	4 43	25 33	2 49	2 36	0 36	23 6	1 33	21 25	0 13	17 36	0n 0	1 29	0 48	7 35	1 28	18 6	4 41	22 20	22 10	7 14	11 50	7 28
T 18	19 0	22 2	4 10	25 40	2 50	2 54	0 42	22 59	1 33	21 23	0 13	17 36	0 0	1 29	0 48	7 35	1 28	18 6	4 41	22 21	22 10	7 11	11 50	7 28
F 19	19 14	24 16	3 22	25 46	2 51	3 13	0 47	22 51	1 32	21 21	0 13	17 36	0 0	1 30	0 48	7 34	1 28	18 6	4 41	22 22	22 11	7 9	11 49	7 29
S 20	19 28	25 8	2 22	25 50	2 51	3 31	0 53	22 43	1 32	21 19	0 13	17 36	0 0	1 30	0 48	7 34	1 28	18 6	4 41	22 22	22 11	7 6	11 49	7 29
S 21	19 41	24 29	1 13	25 53	2 51	3 50	0 58	22 35	1 32	21 18	0 13	17 36	0 0	1 30	0 48	7 33	1 28	18 6	4 42	22 22	22 12	7 3	11 48	7 30
M22	19 54	22 19	0n 2	25 55	2 50	4 9	1 3	22 27	1 31	21 16	0 13	17 36	0 1	1 30	0 48	7 33	1 28	18 7	4 42	22 23	22 12	7 0	11 48	7 31
T 23	20 7	18 47	1 17	25 56	2 48	4 28	1 8	22 18	1 31	21 14	0 13	17 36	0 1	1 31	0 48	7 33	1 28	18 7	4 42	22 23	22 12	6 57	11 47	7 31
W24	20 19	14 10	2 27	25 55	2 45	4 47	1 12	22 9	1 31	21 12	0 13	17 36	0 1	1 31	0 48	7 32	1 28	18 7	4 42	22 22	22 13	6 54	11 47	7 32
T 25	20 31	8 46	3 29	25 53	2 42	5 6	1 17	22 0	1 30	21 10	0 13	17 36	0 1	1 31	0 48	7 32	1 28	18 7	4 42	22 22	22 13	6 51	11 47	7 33
F 26	20 43	2 55	4 19	25 49	2 37	5 26	1 21	21 51	1 30	21 8	0 13	17 37	0 1	1 31	0 48	7 31	1 28	18 7	4 43	22 22	22 14	6 48	11 46	7 33
S 27	20 54	3n 4	4 53	25 44	2 31	5 46	1 25	21 41	1 30	21 6	0 13	17 37	0 1	1 32	0 47	7 31	1 28	18 8	4 43	22 23	22 14	6 45	11 46	7 34
S 28	21 5	8 54	5 9	25 38	2 24	6 6	1 29	21 32	1 29	21 4	0 13	17 37	0 1	1 32	0 47	7 31	1 28	18 8	4 43	22 23	22 14	6 42	11 46	7 34
M29	21 15	14 14	5 6	25 30	2 15	6 26	1 33	21 22	1 29	21 2	0 14	17 38	0 1	1 32	0 47	7 30	1 28	18 8	4 43	22 24	22 15	6 39	11 45	7 35
T 30	21s25	18n46	4n45	25s20	2s 6	6s46	1n37	21s11	1s28	21s 0	0s14	17n38	0n 1	1s32	0s47	7n30	1s28	18n 8	4n43	22s24	22s15	6n36	11n45	7s36

Julian Day Number = 2883565.5, Delta T = 01h16m29s
Ecliptic obliquity = 23°17'14, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°18'19, Lahiri = 40°25'20

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ASTRODIENST EPHEMERIS for the year 3182
geocentric

DECEMBER 3182 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 39 58	8♐29'09	22♉19	26°R20	22♎24	2♒ 1	26♑21	10°R 3	27°R57	22°R54	23°R16	15°R18	16♑38	3♍44	3°R56	W 1
T 2	4 43 55	9°29'25	5♊50	26♐ 4	23°29	2°47	26°32	10♌ 2	27♓57	22♈53	23♌16	15♑12	16°35	3°51	3♌54	T 2
F 3	4 47 51	10°29'42	19° 3	25°38	24°33	3°32	26°44	10° 1	27°57	22°52	23°16	15° 8	16°32	3°57	3°53	F 3
S 4	4 51 48	11°30'02	1♋58	25° 1	25°38	4°17	26°55	10° 0	27°56	22°51	23°15	15° 5	16°29	4° 4	3°51	S 4
S 5	4 55 44	12°30'23	14°35	24°15	26°43	5° 3	27° 7	9°58	27°56	22°50	23°15	15°D 5	16°26	4°11	3°49	S 5
M 6	4 59 41	13°30'45	26°56	23°19	27°49	5°49	27°19	9°57	27°56	22°49	23°15	15° 5	16°22	4°17	3°47	M 6
T 7	5 3 37	14°31'10	9♌ 2	22°14	28°55	6°34	27°31	9°55	27°D56	22°48	23°14	15° 7	16°19	4°24	3°45	T 7
W 8	5 7 34	15°31'36	20°59	21° 1	0♏ 1	7°20	27°43	9°53	27°56	22°48	23°14	15° 8	16°16	4°31	3°43	W 8
T 9	5 11 30	16°32'04	2♍51	19°43	1° 7	8° 5	27°55	9°51	27°56	22°47	23°14	15°10	16°13	4°37	3°41	T 9
F 10	5 15 27	17°32'33	14°41	18°22	2°13	8°51	28° 7	9°49	27°56	22°46	23°13	15°R11	16°10	4°44	3°39	F 10
S 11	5 19 24	18°33'04	26°36	17° 1	3°20	9°37	28°19	9°47	27°56	22°45	23°13	15°11	16° 7	4°51	3°37	S 11
S 12	5 23 20	19°33'37	8♎40	15°41	4°27	10°23	28°31	9°45	27°57	22°44	23°12	15° 9	16° 3	4°57	3°34	S 12
M13	5 27 17	20°34'12	20°58	14°27	5°34	11° 9	28°44	9°43	27°57	22°44	23°12	15° 7	16° 0	5° 4	3°32	M13
T 14	5 31 13	21°34'48	3♏32	13°19	6°42	11°55	28°56	9°40	27°57	22°43	23°11	15° 3	15°57	5°11	3°29	T 14
W15	5 35 10	22°35'27	16°27	12°21	7°50	12°41	29° 9	9°38	27°58	22°42	23°11	15° 0	15°54	5°18	3°27	W15
T 16	5 39 6	23°36'06	29°43	11°33	8°57	13°27	29°21	9°35	27°58	22°42	23°10	14°56	15°51	5°24	3°24	T 16
F 17	5 43 3	24°36'47	13♐20	10°56	10° 6	14°13	29°34	9°33	27°58	22°41	23°10	14°53	15°47	5°31	3°21	F 17
S 18	5 46 59	25°37'30	27°15	10°31	11°14	14°59	29°46	9°30	27°59	22°41	23° 9	14°51	15°44	5°38	3°19	S 18
S 19	5 50 56	26°38'13	11♑25	10°18	12°22	15°45	29°59	9°27	28° 0	22°40	23° 8	14°D51	15°41	5°44	3°16	S 19
M20	5 54 53	27°38'58	25°46	10°D15	13°31	16°31	0♒12	9°24	28° 0	22°40	23° 8	14°51	15°38	5°51	3°13	M20
T 21	5 58 49	28°39'44	10♒12	10°23	14°40	17°18	0°25	9°21	28° 1	22°39	23° 7	14°52	15°35	5°58	3°10	T 21
W22	6 2 46	29°40'31	24°38	10°41	15°49	18° 4	0°38	9°18	28° 2	22°39	23° 6	14°53	15°32	6° 4	3° 7	W22
T 23	6 6 42	0♑41'18	9♓ 1	11° 7	16°58	18°50	0°51	9°15	28° 2	22°38	23° 6	14°54	15°28	6°11	3° 4	T 23
F 24	6 10 39	1°42'07	23°16	11°42	18° 7	19°37	1° 4	9°11	28° 3	22°38	23° 5	14°55	15°25	6°18	3° 1	F 24
S 25	6 14 35	2°42'56	7♈22	12°23	19°17	20°23	1°17	9° 8	28° 4	22°38	23° 4	14°R55	15°22	6°24	2°57	S 25
S 26	6 18 32	3°43'46	21°17	13°11	20°26	21°10	1°30	9° 4	28° 5	22°37	23° 3	14°54	15°19	6°31	2°54	S 26
M27	6 22 28	4°44'36	5♉ 0	14° 5	21°36	21°56	1°43	9° 1	28° 6	22°37	23° 3	14°53	15°16	6°38	2°51	M27
T 28	6 26 25	5°45'28	18°31	15° 3	22°46	22°43	1°56	8°57	28° 7	22°37	23° 2	14°52	15°13	6°45	2°47	T 28
W29	6 30 22	6°46'20	1♊48	16° 5	23°56	23°29	2° 9	8°53	28° 8	22°37	23° 1	14°51	15° 9	6°51	2°44	W29
T 30	6 34 18	7°47'13	14°53	17°11	25° 6	24°16	2°23	8°50	28° 9	22°36	23° 0	14°50	15° 6	6°58	2°40	T 30
F 31	6 38 15	8♑48'07	27♊43	18♐21	26♏16	25♒ 2	2♒36	8♌46	28♓10	22♈36	22♌59	14♑50	15♑ 3	7♍ 5	2♌37	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s35	22n14	4n 8	25s 8	1s54	7s 6	1n41	21s 1	1s28	20s58	0s14	17n38	0n 1	1s32	0s47	7n29	1s28	18n 8	4n44	22s25	22s16	6n33	11n45	7s36
T 2	21 44	24 23	3 18	24 55	1 42	7 27	1 44	20 50	1 28	20 56	0 14	17 39	0 2	1 32	0 47	7 29	1 28	18 9	4 44	22 26	22 16	6 30	11 45	7 37
F 3	21 53	25 7	2 17	24 40	1 27	7 47	1 48	20 39	1 27	20 54	0 14	17 39	0 2	1 32	0 47	7 29	1 28	18 9	4 44	22 26	22 16	6 27	11 44	7 37
S 4	22 1	24 27	1 11	24 23	1 11	8 8	1 51	20 28	1 27	20 52	0 14	17 39	0 2	1 32	0 47	7 28	1 28	18 9	4 44	22 26	22 17	6 24	11 44	7 38
S 5	22 9	22 32	0 3	24 4	0 54	8 28	1 54	20 17	1 26	20 50	0 14	17 40	0 2	1 32	0 47	7 28	1 28	18 9	4 44	22 26	22 17	6 21	11 44	7 39
M 6	22 17	19 35	1s 4	23 43	0 36	8 49	1 57	20 5	1 26	20 48	0 14	17 40	0 2	1 32	0 47	7 28	1 28	18 10	4 45	22 26	22 17	6 18	11 44	7 39
T 7	22 24	15 50	2 8	23 20	0 16	9 9	1 59	19 54	1 25	20 45	0 14	17 41	0 2	1 32	0 47	7 28	1 28	18 10	4 45	22 26	22 18	6 16	11 44	7 40
W 8	22 30	11 30	3 4	22 55	0n 4	9 30	2 2	19 42	1 25	20 43	0 14	17 42	0 2	1 32	0 47	7 27	1 27	18 10	4 45	22 26	22 18	6 13	11 44	7 40
T 9	22 37	6 46	3 53	22 29	0 25	9 50	2 5	19 29	1 25	20 41	0 14	17 42	0 2	1 32	0 47	7 27	1 27	18 11	4 45	22 26	22 19	6 10	11 44	7 41
F 10	22 42	1 49	4 31	22 2	0 45	10 11	2 7	19 17	1 24	20 38	0 14	17 43	0 2	1 32	0 47	7 27	1 27	18 11	4 45	22 26	22 19	6 7	11 44	7 41
S 11	22 48	3s13	4 58	21 35	1 4	10 31	2 9	19 4	1 24	20 36	0 14	17 43	0 2	1 32	0 47	7 26	1 27	18 11	4 46	22 26	22 19	6 4	11 44	7 42
S 12	22 53	8 12	5 12	21 9	1 23	10 52	2 11	18 52	1 23	20 34	0 14	17 44	0 3	1 32	0 47	7 26	1 27	18 12	4 46	22 26	22 20	6 1	11 44	7 42
M13	22 57	12 57	5 13	20 44	1 40	11 12	2 13	18 39	1 23	20 31	0 15	17 45	0 3	1 32	0 47	7 26	1 27	18 12	4 46	22 26	22 20	5 58	11 44	7 43
T 14	23 1	17 17	4 58	20 22	1 55	11 32	2 15	18 25	1 22	20 29	0 15	17 46	0 3	1 32	0 47	7 26	1 27	18 12	4 46	22 27	22 20	5 55	11 44	7 43
W15	23 5	20 56	4 28	20 1	2 7	11 53	2 16	18 12	1 22	20 26	0 15	17 46	0 3	1 31	0 47	7 26	1 27	18 13	4 46	22 27	22 21	5 52	11 44	7 44
T 16	23 8	23 36	3 44	19 45	2 18	12 13	2 18	17 59	1 21	20 24	0 15	17 47	0 3	1 31	0 47	7 25	1 27	18 13	4 46	22 27	22 21	5 49	11 44	7 44
F 17	23 11	24 59	2 45	19 31	2 26	12 33	2 19	17 45	1 21	20 21	0 15	17 48	0 3	1 31	0 47	7 25	1 27	18 13	4 47	22 28	22 22	5 46	11 44	7 45
S 18	23 13	24 51	1 36	19 22	2 33	12 52	2 21	17 31	1 20	20 19	0 15	17 49	0 3	1 31	0 47	7 25	1 27	18 14	4 47	22 28	22 22	5 43	11 44	7 45
S 19	23 15	23 7	0 19	19 16	2 37	13 12	2 22	17 17	1 20	20 16	0 15	17 50	0 3	1 30	0 47	7 25	1 27	18 14	4 47	22 28	22 22	5 40	11 44	7 46
M20	23 16	19 52	1n 0	19 13	2 40	13 31	2 23	17 2	1 19	20 13	0 15	17 51	0 3	1 30	0 47	7 25	1 27	18 14	4 47	22 28	22 23	5 37	11 45	7 46
T 21	23 17	15 24	2 16	19 13	2 40	13 51	2 24	16 48	1 18	20 11	0 15	17 51	0 4	1 30	0 46	7 25	1 27	18 15	4 47	22 28	22 23	5 34	11 45	7 47
W22	23 17	10 2	3 23	19 16	2 40	14 10	2 24	16 33	1 18	20 8	0 15	17 52	0 4	1 29	0 46	7 24	1 27	18 15	4 48	22 28	22 23	5 31	11 45	7 47
T 23	23 17	4 10	4 17	19 22	2 38	14 29	2 25	16 18	1 17	20 5	0 15	17 53	0 4	1 29	0 46	7 24	1 27	18 16	4 48	22 28	22 24	5 28	11 45	7 47
F 24	23 17	1n51	4 54	19 30	2 35	14 47	2 25	16 4	1 17	20 3	0 15	17 54	0 4	1 29	0 46	7 24	1 27	18 16	4 48	22 28	22 24	5 25	11 46	7 48
S 25	23 16	7 43	5 14	19 39	2 30	15 6	2 26	15 48	1 16	20 0	0 15	17 55	0 4	1 28	0 46	7 24	1 27	18 17	4 48	22 28	22 24	5 23	11 46	7 48
S 26	23 14	13 7	5 15	19 50	2 26	15 24	2 26	15 33	1 16	19 57	0 15	17 56	0 4	1 28	0 46	7 24	1 27	18 17	4 48	22 28	22 25	5 20	11 46	7 49
M27	23 12	17 47	4 57	20 2	2 20	15 41	2 26	15 18	1 15	19 54	0 15	17 57	0 4	1 28	0 46	7 24	1 27	18 17	4 48	22 28	22 25	5 17	11 47	7 49
T 28	23 10	21 27	4 24	20 14	2 14	15 59	2 26	15 2	1 15	19 51	0 16	17 58	0 4	1 27	0 46	7 24	1 27	18 18	4 49	22 28	22 26	5 14	11 47	7 49
W29	23 7	23 56	3 37	20 27	2 7	16 16	2 26	14 46	1 14	19 48	0 16	18 0	0 4	1 27	0 46	7 24	1 27	18 18	4 49	22 28	22 26	5 11	11 47	7 50
T 30	23 4	25 4	2 39	20 41	2 0	16 33	2 26	14 30	1 13	19 46	0 16	18 1	0 5	1 26	0 46	7 24	1 27	18 19	4 49	22 28	22 26	5 8	11 48	7 50
F 31	23s 0	24n50	1n34	20s54	1n53	16s50	2n26	14s14	1s13	19s43	0s16	18n 2	0n 5	1s26	0s46	7n24	1s27	18n19	4n49	22s28	22s27	5n 5	11n48	7s50

Julian Day Number = 2883595.5, Delta T = 01h16m30s
Ecliptic obliquity = 23°17'13, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°18'23, Lahiri = 40°25'24

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ASTRODIENST EPHEMERIS for the year 3183
geocentric

JANUARY 3183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 42 11	9♑49'01	10♋20	19♐33	27♏27	25♒49	2♒49	8°R42	28♓12	22°R36	22°R58	14°D49	15♑ 0	7♍11	2°R33	S 1
S 2	6 46 8	10°49'57	22°45	20°47	28°37	26°36	3° 3	8♌38	28°13	22♈36	22♌57	14♑49	14°57	7°18	2♌30	S 2
M 3	6 50 4	11°50'53	4♌58	22° 4	29°48	27°22	3°16	8°34	28°14	22°D36	22°56	14°50	14°53	7°25	2°26	M 3
T 4	6 54 1	12°51'50	17° 1	23°23	0♐59	28° 9	3°30	8°30	28°16	22°36	22°55	14°50	14°50	7°31	2°22	T 4
W 5	6 57 58	13°52'48	28°57	24°43	2°10	28°56	3°43	8°25	28°17	22°36	22°54	14°50	14°47	7°38	2°19	W 5
T 6	7 1 54	14°53'47	10♍48	26° 4	3°21	29°43	3°57	8°21	28°19	22°36	22°53	14°R50	14°44	7°45	2°15	T 6
F 7	7 5 51	15°54'46	22°38	27°27	4°32	0♓29	4°11	8°17	28°20	22°36	22°52	14°50	14°41	7°52	2°11	F 7
S 8	7 9 47	16°55'47	4♎32	28°51	5°43	1°16	4°24	8°12	28°22	22°37	22°51	14°50	14°38	7°58	2° 7	S 8
S 9	7 13 44	17°56'48	16°34	0♑16	6°55	2° 3	4°38	8° 8	28°23	22°37	22°50	14°D50	14°34	8° 5	2° 3	S 9
M10	7 17 40	18°57'50	28°48	1°42	8° 6	2°50	4°52	8° 3	28°25	22°37	22°49	14°50	14°31	8°12	1°59	M10
T 11	7 21 37	19°58'53	11♏19	3° 8	9°18	3°37	5° 5	7°59	28°27	22°37	22°48	14°50	14°28	8°18	1°55	T 11
W12	7 25 33	20°59'57	24°12	4°35	10°29	4°23	5°19	7°54	28°28	22°38	22°47	14°51	14°25	8°25	1°51	W12
T 13	7 29 30	22° 1'02	7♐28	6° 3	11°41	5°10	5°33	7°50	28°30	22°38	22°46	14°51	14°22	8°32	1°47	T 13
F 14	7 33 27	23° 2'07	21°10	7°31	12°53	5°57	5°47	7°45	28°32	22°38	22°45	14°52	14°19	8°38	1°43	F 14
S 15	7 37 23	24° 3'13	5♑17	9° 0	14° 5	6°44	6° 1	7°40	28°34	22°39	22°43	14°53	14°15	8°45	1°39	S 15
S 16	7 41 20	25° 4'19	19°46	10°29	15°17	7°31	6°14	7°35	28°36	22°39	22°42	14°R53	14°12	8°52	1°35	S 16
M17	7 45 16	26° 5'25	4♒31	11°59	16°29	8°18	6°28	7°31	28°38	22°40	22°41	14°52	14° 9	8°58	1°31	M17
T 18	7 49 13	27° 6'32	19°25	13°29	17°41	9° 5	6°42	7°26	28°40	22°40	22°40	14°51	14° 6	9° 5	1°27	T 18
W19	7 53 9	28° 7'39	4♓20	14°59	18°53	9°52	6°56	7°21	28°42	22°41	22°39	14°49	14° 3	9°12	1°23	W19
T 20	7 57 6	29° 8'45	19° 7	16°30	20° 6	10°39	7°10	7°16	28°44	22°41	22°37	14°48	13°59	9°19	1°19	T 20
F 21	8 1 2	0♒ 9'52	3♈42	18° 1	21°18	11°26	7°24	7°11	28°46	22°42	22°36	14°46	13°56	9°25	1°15	F 21
S 22	8 4 59	1°10'58	17°58	19°33	22°30	12°13	7°38	7° 6	28°48	22°42	22°35	14°45	13°53	9°32	1°11	S 22
S 23	8 8 56	2°12'04	1♉54	21° 5	23°43	13° 0	7°52	7° 1	28°50	22°43	22°34	14°D44	13°50	9°39	1° 7	S 23
M24	8 12 52	3°13'10	15°29	22°37	24°55	13°47	8° 6	6°56	28°53	22°44	22°32	14°45	13°47	9°45	1° 3	M24
T 25	8 16 49	4°14'16	28°45	24°10	26° 8	14°34	8°20	6°51	28°55	22°45	22°31	14°46	13°44	9°52	0°59	T 25
W26	8 20 45	5°15'21	11♊43	25°43	27°21	15°21	8°34	6°47	28°57	22°45	22°30	14°47	13°40	9°59	0°54	W26
T 27	8 24 42	6°16'26	24°25	27°17	28°34	16° 8	8°48	6°42	29° 0	22°46	22°29	14°49	13°37	10° 5	0°50	T 27
F 28	8 28 38	7°17'31	6♋55	28°51	29°46	16°55	9° 2	6°37	29° 2	22°47	22°27	14°50	13°34	10°12	0°46	F 28
S 29	8 32 35	8°18'36	19°15	0♒25	0♑59	17°42	9°16	6°32	29° 4	22°48	22°26	14°R50	13°31	10°19	0°42	S 29
S 30	8 36 32	9°19'40	1♌25	2° 0	2°12	18°29	9°30	6°27	29° 7	22°49	22°25	14°49	13°28	10°26	0°38	S 30
M31	8 40 28	10♒20'44	13♌28	3♒35	3♑25	19♓16	9♒44	6♌22	29♓ 9	22♈50	22♌23	14♑47	13♑25	10♍32	0♌34	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s56	23n18	0n25	21s 7	1n46	17s 6	2n25	13s58	1s12	19s40	0s16	18n 3	0n 5	1s25	0s46	7n24	1s27	18n20	4n49	22s28	22s27	5n 2	11n49	7s51
S 2	22 51	20 40	0s44	21 21	1 38	17 22	2 25	13 42	1 12	19 37	0 16	18 4	0 5	1 25	0 46	7 24	1 26	18 20	4 49	22 28	22 27	4 59	11 49	7 51
M 3	22 46	17 8	1 50	21 33	1 30	17 38	2 24	13 25	1 11	19 34	0 16	18 5	0 5	1 24	0 46	7 24	1 26	18 21	4 50	22 28	22 28	4 56	11 50	7 51
T 4	22 40	12 56	2 49	21 46	1 22	17 53	2 24	13 8	1 10	19 31	0 16	18 6	0 5	1 23	0 46	7 24	1 26	18 21	4 50	22 28	22 28	4 53	11 50	7 52
W 5	22 34	8 18	3 41	21 57	1 14	18 8	2 23	12 52	1 10	19 28	0 16	18 8	0 5	1 23	0 46	7 24	1 26	18 21	4 50	22 28	22 28	4 50	11 51	7 52
T 6	22 28	3 24	4 23	22 8	1 6	18 22	2 22	12 35	1 9	19 24	0 16	18 9	0 5	1 22	0 46	7 24	1 26	18 22	4 50	22 28	22 29	4 47	11 51	7 52
F 7	22 21	1s36	4 54	22 18	0 58	18 36	2 21	12 18	1 8	19 21	0 16	18 10	0 5	1 22	0 46	7 24	1 26	18 22	4 50	22 28	22 29	4 44	11 52	7 52
S 8	22 13	6 34	5 12	22 27	0 50	18 50	2 20	12 1	1 8	19 18	0 16	18 11	0 6	1 21	0 46	7 24	1 26	18 23	4 50	22 28	22 29	4 41	11 53	7 52
S 9	22 6	11 21	5 17	22 36	0 42	19 3	2 18	11 44	1 7	19 15	0 16	18 13	0 6	1 20	0 46	7 25	1 26	18 23	4 50	22 28	22 30	4 38	11 53	7 53
M10	21 57	15 47	5 8	22 43	0 34	19 16	2 17	11 26	1 7	19 12	0 17	18 14	0 6	1 20	0 46	7 25	1 26	18 24	4 51	22 28	22 30	4 35	11 54	7 53
T 11	21 49	19 38	4 44	22 49	0 26	19 28	2 16	11 9	1 6	19 9	0 17	18 15	0 6	1 19	0 46	7 25	1 26	18 24	4 51	22 28	22 30	4 32	11 55	7 53
W12	21 40	22 40	4 6	22 55	0 18	19 40	2 14	10 51	1 5	19 5	0 17	18 16	0 6	1 18	0 46	7 25	1 26	18 25	4 51	22 28	22 31	4 29	11 55	7 53
T 13	21 30	24 35	3 13	22 59	0 10	19 51	2 13	10 33	1 5	19 2	0 17	18 18	0 6	1 17	0 46	7 25	1 26	18 25	4 51	22 28	22 31	4 27	11 56	7 53
F 14	21 20	25 7	2 8	23 2	0 3	20 2	2 11	10 16	1 4	18 59	0 17	18 19	0 6	1 17	0 46	7 25	1 26	18 26	4 51	22 28	22 31	4 24	11 57	7 54
S 15	21 10	24 4	0 53	23 4	0s 5	20 12	2 9	9 58	1 3	18 55	0 17	18 20	0 6	1 16	0 46	7 25	1 26	18 26	4 51	22 28	22 32	4 21	11 57	7 54
S 16	20 59	21 24	0n27	23 5	0 12	20 22	2 8	9 40	1 3	18 52	0 17	18 22	0 6	1 15	0 45	7 26	1 26	18 27	4 51	22 28	22 32	4 18	11 58	7 54
M17	20 48	17 17	1 47	23 4	0 19	20 31	2 6	9 22	1 2	18 49	0 17	18 23	0 7	1 14	0 45	7 26	1 26	18 27	4 52	22 28	22 32	4 15	11 59	7 54
T 18	20 36	12 3	3 0	23 3	0 26	20 40	2 4	9 4	1 1	18 45	0 17	18 24	0 7	1 13	0 45	7 26	1 26	18 28	4 52	22 28	22 33	4 12	12 0	7 54
W19	20 24	6 7	4 1	23 0	0 33	20 48	2 2	8 45	1 1	18 42	0 17	18 26	0 7	1 13	0 45	7 26	1 26	18 28	4 52	22 28	22 33	4 9	12 0	7 54
T 20	20 12	0n 6	4 45	22 56	0 40	20 56	2 0	8 27	1 0	18 39	0 17	18 27	0 7	1 12	0 45	7 27	1 26	18 29	4 52	22 28	22 33	4 6	12 1	7 54
F 21	19 59	6 13	5 10	22 51	0 47	21 3	1 58	8 9	0 59	18 35	0 17	18 28	0 7	1 11	0 45	7 27	1 26	18 30	4 52	22 28	22 34	4 3	12 2	7 54
S 22	19 46	11 52	5 16	22 45	0 53	21 9	1 55	7 50	0 58	18 32	0 17	18 30	0 7	1 10	0 45	7 27	1 26	18 30	4 52	22 29	22 34	4 0	12 3	7 54
S 23	19 33	16 47	5 2	22 37	0 59	21 15	1 53	7 32	0 58	18 28	0 18	18 31	0 7	1 9	0 45	7 27	1 26	18 31	4 52	22 29	22 34	3 57	12 4	7 54
M24	19 19	20 42	4 32	22 28	1 5	21 21	1 51	7 13	0 57	18 25	0 18	18 32	0 7	1 8	0 45	7 28	1 25	18 31	4 52	22 29	22 35	3 54	12 5	7 54
T 25	19 5	23 27	3 48	22 18	1 11	21 26	1 48	6 54	0 56	18 21	0 18	18 34	0 7	1 7	0 45	7 28	1 25	18 32	4 53	22 28	22 35	3 51	12 6	7 54
W26	18 50	24 54	2 53	22 7	1 16	21 30	1 46	6 36	0 56	18 18	0 18	18 35	0 7	1 6	0 45	7 28	1 25	18 32	4 53	22 28	22 35	3 48	12 6	7 54
T 27	18 35	25 0	1 50	21 54	1 21	21 33	1 43	6 17	0 55	18 14	0 18	18 36	0 8	1 5	0 45	7 29	1 25	18 33	4 53	22 28	22 36	3 45	12 7	7 54
F 28	18 20	23 50	0 44	21 40	1 26	21 36	1 41	5 58	0 54	18 10	0 18	18 38	0 8	1 4	0 45	7 29	1 25	18 33	4 53	22 28	22 36	3 42	12 8	7 54
S 29	18 4	21 31	0s24	21 25	1 31	21 39	1 38	5 39	0 54	18 7	0 18	18 39	0 8	1 3	0 45	7 29	1 25	18 34	4 53	22 28	22 36	3 39	12 9	7 54
S 30	17 48	18 15	1 30	21 9	1 36	21 41	1 36	5 20	0 53	18 3	0 18	18 40	0 8	1 2	0 45	7 30	1 25	18 34	4 53	22 28	22 37	3 36	12 10	7 54
M31	17s32	14n16	2s31	20s51	1s40	21s42	1n33	5s 1	0s52	18s 0	0s18	18n42	0n 8	1s 1	0s45	7n30	1s25	18n35	4n53	22s28	22s37	3n34	12n11	7s54

Julian Day Number = 2883626.5, Delta T = 01h16m30s
Ecliptic obliquity = 23°17'12, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°18'28, Lahiri = 40°25'28

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ASTRODIENST EPHEMERIS for the year 3183
geocentric

FEBRUARY 3183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 44 25	11♒21'47	25♌25	5♒11	4♑38	20♓ 3	9♒58	6°R17	29♓12	22♈51	22°R22	14°R43	13♑21	10♍39	0°R30	T 1
W 2	8 48 21	12°22'51	7♍18	6°47	5°51	20°50	10°12	6♌12	29°14	22°52	22♌21	14♑38	13°18	10°46	0♌26	W 2
T 3	8 52 18	13°23'54	19° 9	8°23	7° 4	21°37	10°26	6° 7	29°17	22°53	22°19	14°33	13°15	10°52	0°22	T 3
F 4	8 56 14	14°24'57	1♎ 0	10° 1	8°17	22°24	10°40	6° 2	29°20	22°54	22°18	14°27	13°12	10°59	0°18	F 4
S 5	9 0 11	15°25'59	12°54	11°38	9°31	23°11	10°54	5°57	29°22	22°55	22°17	14°23	13° 9	11° 6	0°14	S 5
S 6	9 4 7	16°27'02	24°55	13°16	10°44	23°58	11° 8	5°52	29°25	22°56	22°15	14°19	13° 5	11°12	0°10	S 6
M 7	9 8 4	17°28'04	7♏ 6	14°55	11°57	24°45	11°22	5°48	29°28	22°57	22°14	14°17	13° 2	11°19	0° 6	M 7
T 8	9 12 0	18°29'06	19°32	16°34	13°10	25°32	11°36	5°43	29°31	22°58	22°13	14°D16	12°59	11°26	0° 3	T 8
W 9	9 15 57	19°30'08	2♐18	18°14	14°24	26°19	11°50	5°38	29°33	23° 0	22°11	14°17	12°56	11°33	29♋59	W 9
T 10	9 19 54	20°31'10	15°26	19°55	15°37	27° 6	12° 4	5°33	29°36	23° 1	22°10	14°18	12°53	11°39	29°55	T 10
F 11	9 23 50	21°32'11	29° 1	21°36	16°51	27°52	12°18	5°29	29°39	23° 2	22° 8	14°20	12°50	11°46	29°51	F 11
S 12	9 27 47	22°33'12	13♑ 5	23°17	18° 4	28°39	12°32	5°24	29°42	23° 3	22° 7	14°R21	12°46	11°53	29°48	S 12
S 13	9 31 43	23°34'13	27°35	24°59	19°18	29°26	12°46	5°20	29°45	23° 5	22° 6	14°20	12°43	11°59	29°44	S 13
M14	9 35 40	24°35'13	12♒29	26°42	20°31	0♈13	13° 0	5°15	29°48	23° 6	22° 4	14°17	12°40	12° 6	29°40	M14
T 15	9 39 36	25°36'12	27°39	28°25	21°45	1° 0	13°14	5°11	29°51	23° 7	22° 3	14°13	12°37	12°13	29°37	T 15
W16	9 43 33	26°37'10	12♓54	0♓ 9	22°59	1°47	13°28	5° 6	29°54	23° 9	22° 2	14° 7	12°34	12°19	29°33	W16
T 17	9 47 29	27°38'07	28° 6	1°54	24°12	2°34	13°42	5° 2	29°57	23°10	22° 0	14° 0	12°31	12°26	29°30	T 17
F 18	9 51 26	28°39'03	13♈ 2	3°39	25°26	3°21	13°56	4°57	29°59	23°12	21°59	13°53	12°27	12°33	29°26	F 18
S 19	9 55 23	29°39'58	27°36	5°24	26°40	4° 7	14° 9	4°53	0♈ 3	23°13	21°58	13°48	12°24	12°40	29°23	S 19
S 20	9 59 19	0♓40'53	11♉44	7°10	27°53	4°54	14°23	4°49	0° 6	23°15	21°56	13°44	12°21	12°46	29°20	S 20
M21	10 3 16	1°41'45	25°24	8°56	29° 7	5°41	14°37	4°45	0° 9	23°16	21°55	13°42	12°18	12°53	29°17	M21
T 22	10 7 12	2°42'37	8♊38	10°43	0♒21	6°28	14°51	4°41	0°12	23°18	21°53	13°D42	12°15	13° 0	29°13	T 22
W23	10 11 9	3°43'27	21°29	12°30	1°35	7°14	15° 4	4°37	0°15	23°20	21°52	13°43	12°11	13° 6	29°10	W23
T 24	10 15 5	4°44'16	4♋ 1	14°17	2°48	8° 1	15°18	4°33	0°19	23°21	21°51	13°44	12° 8	13°13	29° 7	T 24
F 25	10 19 2	5°45'04	16°18	16° 3	4° 2	8°48	15°32	4°29	0°22	23°23	21°49	13°R45	12° 5	13°20	29° 4	F 25
S 26	10 22 58	6°45'50	28°24	17°50	5°16	9°34	15°45	4°25	0°25	23°25	21°48	13°43	12° 2	13°27	29° 1	S 26
S 27	10 26 55	7°46'35	10♌23	19°36	6°30	10°21	15°59	4°21	0°28	23°26	21°47	13°40	11°59	13°33	28°58	S 27
M28	10 30 52	8♓47'18	22♌18	21♓21	7♒44	11♈ 7	16♒13	4♌18	0♈32	23♈28	21♌46	13♑33	11♑56	13♍40	28♋56	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s16	9n45	3s25	20s32	1s44	21s42	1n30	4s42	0s51	17s56	0s18	18n43	0n 8	1s 0	0s45	7n31	1s25	18n35	4n53	22s29	22s37	3n31	12n12	7s53
W 2	16 59	4 55	4 9	20 12	1 48	21 42	1 27	4 23	0 51	17 52	0 18	18 44	0 8	0 59	0 45	7 31	1 25	18 36	4 53	22 29	22 38	3 28	12 13	7 53
T 3	16 42	0s 4	4 42	19 50	1 51	21 42	1 25	4 4	0 50	17 49	0 19	18 46	0 8	0 58	0 45	7 31	1 25	18 36	4 54	22 30	22 38	3 25	12 14	7 53
F 4	16 24	5 3	5 4	19 27	1 54	21 40	1 22	3 45	0 49	17 45	0 19	18 47	0 8	0 57	0 45	7 32	1 25	18 37	4 54	22 31	22 38	3 22	12 15	7 53
S 5	16 6	9 52	5 12	19 3	1 57	21 38	1 19	3 26	0 48	17 41	0 19	18 48	0 9	0 56	0 45	7 32	1 25	18 38	4 54	22 31	22 39	3 19	12 16	7 53
S 6	15 48	14 21	5 7	18 38	1 59	21 36	1 16	3 7	0 48	17 37	0 19	18 49	0 9	0 55	0 45	7 33	1 25	18 38	4 54	22 31	22 39	3 16	12 17	7 53
M 7	15 30	18 20	4 48	18 12	2 1	21 33	1 13	2 48	0 47	17 34	0 19	18 51	0 9	0 54	0 45	7 33	1 25	18 39	4 54	22 32	22 39	3 13	12 18	7 52
T 8	15 11	21 36	4 15	17 44	2 3	21 29	1 10	2 29	0 46	17 30	0 19	18 52	0 9	0 53	0 45	7 34	1 25	18 39	4 54	22 32	22 39	3 10	12 19	7 52
W 9	14 53	23 54	3 29	17 15	2 5	21 24	1 7	2 9	0 46	17 26	0 19	18 53	0 9	0 52	0 45	7 34	1 25	18 40	4 54	22 32	22 40	3 7	12 20	7 52
T 10	14 33	25 0	2 31	16 44	2 6	21 19	1 4	1 50	0 45	17 22	0 19	18 54	0 9	0 50	0 45	7 35	1 25	18 40	4 54	22 31	22 40	3 4	12 21	7 52
F 11	14 14	24 40	1 23	16 13	2 6	21 14	1 1	1 31	0 44	17 19	0 19	18 56	0 9	0 49	0 45	7 35	1 25	18 41	4 54	22 31	22 40	3 1	12 22	7 51
S 12	13 55	22 46	0 7	15 40	2 7	21 7	0 58	1 12	0 43	17 15	0 19	18 57	0 9	0 48	0 45	7 36	1 25	18 41	4 54	22 31	22 41	2 58	12 23	7 51
S 13	13 35	19 21	1n11	15 6	2 7	21 0	0 55	0 52	0 43	17 11	0 19	18 58	0 9	0 47	0 45	7 36	1 25	18 42	4 54	22 31	22 41	2 55	12 24	7 51
M14	13 15	14 36	2 27	14 31	2 6	20 53	0 52	0 33	0 42	17 7	0 20	18 59	0 9	0 46	0 45	7 37	1 25	18 42	4 54	22 32	22 41	2 52	12 25	7 51
T 15	12 54	8 53	3 33	13 54	2 5	20 45	0 48	0 14	0 41	17 3	0 20	19 0	0 10	0 45	0 45	7 37	1 25	18 43	4 54	22 32	22 42	2 49	12 26	7 50
W16	12 34	2 36	4 25	13 16	2 3	20 36	0 45	0n 5	0 40	16 59	0 20	19 2	0 10	0 43	0 45	7 38	1 25	18 43	4 55	22 33	22 42	2 47	12 27	7 50
T 17	12 13	3n48	4 57	12 37	2 1	20 27	0 42	0 24	0 40	16 56	0 20	19 3	0 10	0 42	0 45	7 38	1 25	18 44	4 55	22 33	22 42	2 44	12 28	7 50
F 18	11 52	9 51	5 9	11 57	1 59	20 17	0 39	0 44	0 39	16 52	0 20	19 4	0 10	0 41	0 45	7 39	1 24	18 44	4 55	22 34	22 42	2 41	12 29	7 49
S 19	11 31	15 13	5 0	11 16	1 56	20 6	0 36	1 3	0 38	16 48	0 20	19 5	0 10	0 40	0 44	7 40	1 24	18 45	4 55	22 35	22 43	2 38	12 30	7 49
S 20	11 10	19 35	4 33	10 34	1 52	19 55	0 33	1 22	0 37	16 44	0 20	19 6	0 10	0 38	0 44	7 40	1 24	18 45	4 55	22 35	22 43	2 35	12 31	7 49
M21	10 48	22 44	3 51	9 50	1 48	19 43	0 30	1 41	0 37	16 40	0 20	19 7	0 10	0 37	0 44	7 41	1 24	18 46	4 55	22 35	22 43	2 32	12 32	7 48
T 22	10 27	24 32	2 58	9 6	1 44	19 31	0 27	2 0	0 36	16 36	0 20	19 8	0 10	0 36	0 44	7 41	1 24	18 46	4 55	22 35	22 44	2 29	12 33	7 48
W23	10 5	24 58	1 57	8 21	1 38	19 18	0 24	2 19	0 35	16 32	0 20	19 9	0 10	0 35	0 44	7 42	1 24	18 47	4 55	22 35	22 44	2 26	12 34	7 47
T 24	9 43	24 6	0 52	7 34	1 32	19 5	0 20	2 38	0 34	16 28	0 21	19 10	0 10	0 33	0 44	7 43	1 24	18 47	4 55	22 35	22 44	2 23	12 35	7 47
F 25	9 21	22 4	0s14	6 47	1 26	18 51	0 17	2 57	0 34	16 24	0 21	19 11	0 11	0 32	0 44	7 43	1 24	18 48	4 55	22 35	22 44	2 20	12 36	7 46
S 26	8 58	19 4	1 18	5 59	1 19	18 36	0 14	3 16	0 33	16 21	0 21	19 12	0 11	0 31	0 44	7 44	1 24	18 48	4 55	22 35	22 45	2 17	12 37	7 46
S 27	8 36	15 18	2 18	5 11	1 11	18 21	0 11	3 35	0 32	16 17	0 21	19 13	0 11	0 30	0 44	7 44	1 24	18 49	4 55	22 35	22 45	2 14	12 38	7 46
M28	8s13	10n58	3s11	4s22	1s 2	18s 5	0n 8	3n54	0s31	16s13	0s21	19n14	0n11	0s28	0s44	7n45	1s24	18n49	4n55	22s36	22s45	2n11	12n39	7s45

Julian Day Number = 2883657.5, Delta T = 01h16m31s
Ecliptic obliquity = 23°17'13, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°18'32, Lahiri = 40°25'33

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ASTRODIENST EPHEMERIS for the year 3183
geocentric

MARCH 3183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 34 48	9♓48'01	4♍10	23♓ 5	8♒58	11♈54	16♒26	4°R14	0♈35	23♈30	21°R44	13°R25	11♉52	13♍47	28°R53	T 1
W 2	10 38 45	10°48'42	16° 2	24°48	10°12	12°41	16°39	4♌11	0°38	23°32	21♌43	13♉14	11°49	13°53	28♋50	W 2
T 3	10 42 41	11°49'22	27°54	26°30	11°25	13°27	16°53	4° 7	0°41	23°33	21°42	13° 2	11°46	14° 0	28°48	T 3
F 4	10 46 38	12°50'00	9♎49	28° 9	12°39	14°14	17° 6	4° 4	0°45	23°35	21°40	12°50	11°43	14° 7	28°45	F 4
S 5	10 50 34	13°50'37	21°47	29°45	13°53	15° 0	17°20	4° 1	0°48	23°37	21°39	12°39	11°40	14°13	28°43	S 5
S 6	10 54 31	14°51'14	3♏52	1♈19	15° 7	15°46	17°33	3°58	0°51	23°39	21°38	12°30	11°37	14°20	28°40	S 6
M 7	10 58 27	15°51'49	16° 5	2°48	16°21	16°33	17°46	3°55	0°55	23°41	21°37	12°23	11°33	14°27	28°38	M 7
T 8	11 2 24	16°52'23	28°30	4°14	17°35	17°19	17°59	3°52	0°58	23°43	21°35	12°19	11°30	14°34	28°36	T 8
W 9	11 6 21	17°52'56	11♐11	5°34	18°50	18° 5	18°13	3°49	1° 1	23°44	21°34	12°17	11°27	14°40	28°34	W 9
T 10	11 10 17	18°53'27	24°12	6°48	20° 4	18°52	18°26	3°46	1° 5	23°46	21°33	12°D17	11°24	14°47	28°32	T 10
F 11	11 14 14	19°53'58	7♑37	7°57	21°18	19°38	18°39	3°43	1° 8	23°48	21°32	12°R18	11°21	14°54	28°30	F 11
S 12	11 18 10	20°54'27	21°28	8°58	22°32	20°24	18°52	3°41	1°12	23°50	21°31	12°18	11°17	15° 0	28°28	S 12
S 13	11 22 7	21°54'55	5♒47	9°51	23°46	21°10	19° 5	3°38	1°15	23°52	21°30	12°15	11°14	15° 7	28°26	S 13
M14	11 26 3	22°55'22	20°32	10°37	25° 0	21°57	19°18	3°36	1°18	23°54	21°28	12°11	11°11	15°14	28°24	M14
T 15	11 30 0	23°55'47	5♓38	11°13	26°14	22°43	19°30	3°34	1°22	23°56	21°27	12° 4	11° 8	15°21	28°23	T 15
W16	11 33 56	24°56'11	20°56	11°40	27°28	23°29	19°43	3°31	1°25	23°58	21°26	11°54	11° 5	15°27	28°21	W16
T 17	11 37 53	25°56'33	6♈15	11°58	28°42	24°15	19°56	3°29	1°29	24° 0	21°25	11°43	11° 2	15°34	28°20	T 17
F 18	11 41 50	26°56'54	21°24	12°R 6	29°56	25° 1	20° 9	3°27	1°32	24° 2	21°24	11°32	10°58	15°41	28°18	F 18
S 19	11 45 46	27°57'13	6♉12	12° 4	1♓11	25°47	20°21	3°25	1°36	24° 5	21°23	11°22	10°55	15°47	28°17	S 19
S 20	11 49 43	28°57'30	20°32	11°53	2°25	26°33	20°34	3°24	1°39	24° 7	21°22	11°15	10°52	15°54	28°16	S 20
M21	11 53 39	29°57'45	4♊23	11°32	3°39	27°19	20°46	3°22	1°42	24° 9	21°21	11°10	10°49	16° 1	28°14	M21
T 22	11 57 36	0♈57'58	17°43	11° 3	4°53	28° 5	20°59	3°21	1°46	24°11	21°20	11° 8	10°46	16° 8	28°13	T 22
W23	12 1 32	1°58'09	0♋37	10°26	6° 7	28°51	21°11	3°19	1°49	24°13	21°19	11°D 8	10°42	16°14	28°13	W23
T 24	12 5 29	2°58'18	13° 9	9°41	7°21	29°36	21°23	3°18	1°53	24°15	21°18	11°R 8	10°39	16°21	28°12	T 24
F 25	12 9 25	3°58'25	25°23	8°51	8°36	0♉22	21°35	3°17	1°56	24°17	21°17	11° 7	10°36	16°28	28°11	F 25
S 26	12 13 22	4°58'30	7♌24	7°57	9°50	1° 8	21°47	3°15	2° 0	24°20	21°16	11° 5	10°33	16°34	28°10	S 26
S 27	12 17 19	5°58'33	19°19	6°59	11° 4	1°54	21°59	3°14	2° 3	24°22	21°15	11° 0	10°30	16°41	28°10	S 27
M28	12 21 15	6°58'34	1♍ 9	5°59	12°18	2°39	22°11	3°14	2° 7	24°24	21°14	10°52	10°27	16°48	28° 9	M28
T 29	12 25 12	7°58'33	12°59	4°59	13°32	3°25	22°23	3°13	2°10	24°26	21°13	10°41	10°23	16°54	28° 9	T 29
W30	12 29 8	8°58'30	24°51	4° 0	14°46	4°10	22°35	3°12	2°13	24°28	21°12	10°28	10°20	17° 1	28° 8	W30
T 31	12 33 5	9♈58'25	6♎47	3♈ 3	16♓ 1	4♉56	22♒47	3♌12	2♈17	24♈30	21♌12	10♉14	10♉17	17♍ 8	28♋ 8	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s51	6n15	3s56	3s32	0s53	17s49	0n 5	4n12	0s31	16s 9	0s21	19n15	0n11	0s27	0s44	7n46	1s24	18n49	4n55	22s37	22s46	2n 8	12n40	7s45
W 2	7 28	1 19	4 30	2 43	0 43	17 33	0 2	4 31	0 30	16 5	0 21	19 16	0 11	0 26	0 44	7 46	1 24	18 50	4 55	22 38	22 46	2 6	12 41	7 44
T 3	7 5	3s39	4 53	1 53	0 33	17 16	0s 1	4 50	0 29	16 1	0 21	19 17	0 11	0 24	0 44	7 47	1 24	18 50	4 55	22 39	22 46	2 3	12 42	7 44
F 4	6 42	8 30	5 3	1 4	0 21	16 58	0 4	5 8	0 28	15 57	0 21	19 18	0 11	0 23	0 44	7 48	1 24	18 51	4 55	22 40	22 46	2 0	12 43	7 43
S 5	6 19	13 4	5 0	0 15	0 10	16 40	0 7	5 27	0 28	15 53	0 22	19 19	0 11	0 22	0 44	7 49	1 24	18 51	4 55	22 41	22 47	1 57	12 44	7 43
S 6	5 56	17 10	4 43	0n34	0n 3	16 21	0 10	5 45	0 27	15 49	0 22	19 20	0 11	0 20	0 44	7 49	1 24	18 52	4 55	22 42	22 47	1 54	12 45	7 42
M 7	5 32	20 35	4 13	1 21	0 16	16 2	0 13	6 4	0 26	15 45	0 22	19 20	0 11	0 19	0 44	7 50	1 24	18 52	4 55	22 43	22 47	1 51	12 46	7 42
T 8	5 9	23 8	3 31	2 7	0 30	15 43	0 16	6 22	0 25	15 41	0 22	19 21	0 12	0 18	0 44	7 51	1 24	18 52	4 55	22 43	22 48	1 48	12 47	7 41
W 9	4 46	24 35	2 38	2 52	0 44	15 23	0 18	6 40	0 25	15 37	0 22	19 22	0 12	0 16	0 44	7 51	1 24	18 53	4 55	22 43	22 48	1 45	12 48	7 41
T 10	4 22	24 44	1 35	3 34	0 58	15 2	0 21	6 59	0 24	15 34	0 22	19 23	0 12	0 15	0 44	7 52	1 24	18 53	4 55	22 43	22 48	1 42	12 48	7 40
F 11	3 59	23 29	0 25	4 15	1 13	14 41	0 24	7 17	0 23	15 30	0 22	19 23	0 12	0 14	0 44	7 53	1 24	18 54	4 55	22 43	22 48	1 39	12 49	7 39
S 12	3 35	20 47	0n49	4 52	1 27	14 20	0 27	7 35	0 22	15 26	0 22	19 24	0 12	0 12	0 44	7 54	1 24	18 54	4 55	22 43	22 49	1 36	12 50	7 39
S 13	3 11	16 45	2 1	5 27	1 42	13 59	0 29	7 53	0 21	15 22	0 22	19 25	0 12	0 11	0 44	7 54	1 24	18 54	4 55	22 44	22 49	1 33	12 51	7 38
M14	2 48	11 35	3 8	5 58	1 57	13 37	0 32	8 10	0 21	15 18	0 23	19 25	0 12	0 10	0 44	7 55	1 24	18 55	4 55	22 44	22 49	1 31	12 52	7 38
T 15	2 24	5 37	4 3	6 25	2 11	13 14	0 35	8 28	0 20	15 14	0 23	19 26	0 12	0 8	0 44	7 56	1 24	18 55	4 55	22 45	22 49	1 28	12 53	7 37
W16	2 0	0n45	4 42	6 49	2 25	12 51	0 37	8 46	0 19	15 10	0 23	19 26	0 12	0 7	0 44	7 57	1 24	18 56	4 55	22 45	22 50	1 25	12 54	7 37
T 17	1 36	7 4	5 0	7 8	2 38	12 28	0 40	9 3	0 18	15 6	0 23	19 27	0 12	0 6	0 44	7 57	1 24	18 56	4 55	22 46	22 50	1 22	12 55	7 36
F 18	1 12	12 53	4 57	7 22	2 50	12 5	0 42	9 21	0 18	15 3	0 23	19 28	0 12	0 4	0 44	7 58	1 24	18 56	4 55	22 47	22 50	1 19	12 56	7 35
S 19	0 49	17 48	4 34	7 32	3 1	11 41	0 45	9 38	0 17	14 59	0 23	19 28	0 12	0 3	0 44	7 59	1 24	18 57	4 55	22 48	22 50	1 16	12 56	7 35
S 20	0 25	21 32	3 54	7 36	3 11	11 17	0 47	9 55	0 16	14 55	0 23	19 29	0 13	0 1	0 44	8 0	1 24	18 57	4 55	22 49	22 51	1 13	12 57	7 34
M21	0 1	23 51	3 1	7 36	3 20	10 52	0 49	10 13	0 16	14 51	0 23	19 29	0 13	0 0	0 44	8 0	1 24	18 57	4 55	22 49	22 51	1 10	12 58	7 34
T 22	0n23	24 43	2 1	7 31	3 26	10 28	0 52	10 30	0 15	14 47	0 24	19 29	0 13	0n 1	0 44	8 1	1 24	18 58	4 55	22 49	22 51	1 7	12 59	7 33
W23	0 47	24 12	0 55	7 20	3 31	10 3	0 54	10 47	0 14	14 43	0 24	19 30	0 13	0 3	0 44	8 2	1 24	18 58	4 55	22 49	22 51	1 4	13 0	7 32
T 24	1 10	22 28	0s11	7 6	3 34	9 37	0 56	11 3	0 13	14 40	0 24	19 30	0 13	0 4	0 44	8 3	1 24	18 58	4 55	22 49	22 52	1 1	13 0	7 32
F 25	1 34	19 42	1 15	6 47	3 35	9 12	0 58	11 20	0 13	14 36	0 24	19 31	0 13	0 5	0 44	8 4	1 24	18 58	4 55	22 49	22 52	0 59	13 1	7 31
S 26	1 58	16 8	2 14	6 24	3 33	8 46	1 0	11 36	0 12	14 32	0 24	19 31	0 13	0 7	0 44	8 4	1 24	18 59	4 55	22 50	22 52	0 56	13 2	7 30
S 27	2 22	11 58	3 7	5 58	3 30	8 20	1 2	11 53	0 11	14 28	0 24	19 31	0 13	0 8	0 44	8 5	1 24	18 59	4 55	22 50	22 52	0 53	13 3	7 30
M28	2 45	7 23	3 51	5 30	3 25	7 53	1 4	12 9	0 10	14 25	0 24	19 31	0 13	0 9	0 44	8 6	1 24	18 59	4 55	22 51	22 53	0 50	13 3	7 29
T 29	3 9	2 33	4 26	4 59	3 17	7 27	1 6	12 25	0 10	14 21	0 25	19 32	0 13	0 11	0 44	8 7	1 24	19 0	4 55	22 52	22 53	0 47	13 4	7 28
W30	3 32	2s23	4 48	4 28	3 8	7 0	1 8	12 41	0 9	14 17	0 25	19 32	0 13	0 12	0 44	8 8	1 24	19 0	4 55	22 53	22 53	0 44	13 5	7 28
T 31	3n56	7s15	4s59	3n56	2n58	6s33	1s 9	12n57	0s 8	14s14	0s25	19n32	0n13	0n14	0s44	8n 8	1s24	19n 0	4n55	22s54	22s53	0n41	13n 6	7s27

Julian Day Number = 2883685.5, Delta T = 01h16m31s
Ecliptic obliquity = 23°17'13, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°18'36, Lahiri = 40°25'36

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ASTRODIENST EPHEMERIS for the year 3183
geocentric

APRIL 3183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 37 1	10♈58'18	18♎48	2°R 9	17♓15	5♉41	22♒58	3°R11	2♈20	24♈33	21°R11	9°R59	10♑14	17♍15	28°R 8	F 1
S 2	12 40 58	11°58'10	0♏55	1♈20	18°29	6°27	23°10	3♌11	2°24	24°35	21♌10	9♑45	10°11	17°21	28°D 8	S 2
S 3	12 44 54	12°57'59	13°10	0°35	19°43	7°12	23°21	3°11	2°27	24°37	21° 9	9°34	10° 8	17°28	28♋ 8	S 3
M 4	12 48 51	13°57'47	25°32	29♓56	20°57	7°57	23°33	3°D11	2°30	24°39	21° 8	9°25	10° 4	17°35	28° 8	M 4
T 5	12 52 47	14°57'33	8♐ 5	29°23	22°11	8°43	23°44	3°11	2°34	24°42	21° 8	9°19	10° 1	17°41	28° 8	T 5
W 6	12 56 44	15°57'18	20°51	28°55	23°26	9°28	23°55	3°11	2°37	24°44	21° 7	9°16	9°58	17°48	28° 9	W 6
T 7	13 0 41	16°57'01	3♑53	28°35	24°40	10°13	24° 6	3°11	2°41	24°46	21° 6	9°15	9°55	17°55	28° 9	T 7
F 8	13 4 37	17°56'42	17°13	28°20	25°54	10°58	24°17	3°11	2°44	24°48	21° 6	9°15	9°52	18° 2	28°10	F 8
S 9	13 8 34	18°56'22	0♒55	28°12	27° 8	11°43	24°28	3°12	2°47	24°51	21° 5	9°14	9°48	18° 8	28°10	S 9
S 10	13 12 30	19°55'59	15° 1	28°D 9	28°22	12°28	24°39	3°12	2°51	24°53	21° 4	9°13	9°45	18°15	28°11	S 10
M11	13 16 27	20°55'36	29°29	28°13	29°37	13°13	24°50	3°13	2°54	24°55	21° 4	9° 8	9°42	18°22	28°12	M11
T 12	13 20 23	21°55'10	14♓17	28°22	0♈51	13°58	25° 1	3°14	2°57	24°57	21° 3	9° 1	9°39	18°28	28°12	T 12
W13	13 24 20	22°54'43	29°19	28°37	2° 5	14°43	25°11	3°15	3° 1	25° 0	21° 3	8°52	9°36	18°35	28°13	W13
T 14	13 28 16	23°54'14	14♈26	28°56	3°19	15°28	25°21	3°16	3° 4	25° 2	21° 2	8°41	9°33	18°42	28°14	T 14
F 15	13 32 13	24°53'43	29°28	29°21	4°33	16°13	25°32	3°17	3° 7	25° 4	21° 2	8°30	9°29	18°49	28°16	F 15
S 16	13 36 10	25°53'10	14♉14	29°50	5°47	16°58	25°42	3°18	3°10	25° 7	21° 1	8°20	9°26	18°55	28°17	S 16
S 17	13 40 6	26°52'35	28°38	0♈24	7° 2	17°43	25°52	3°19	3°14	25° 9	21° 1	8°13	9°23	19° 2	28°18	S 17
M18	13 44 3	27°51'57	12♊34	1° 1	8°16	18°27	26° 2	3°21	3°17	25°11	21° 0	8° 8	9°20	19° 9	28°19	M18
T 19	13 47 59	28°51'18	26° 1	1°43	9°30	19°12	26°12	3°22	3°20	25°13	21° 0	8° 5	9°17	19°15	28°21	T 19
W20	13 51 56	29°50'37	9♋ 1	2°28	10°44	19°57	26°22	3°24	3°23	25°16	21° 0	8°D 4	9°14	19°22	28°23	W20
T 21	13 55 52	0♉49'53	21°37	3°17	11°58	20°41	26°31	3°26	3°26	25°18	20°59	8° 5	9°10	19°29	28°24	T 21
F 22	13 59 49	1°49'07	3♌54	4° 9	13°12	21°26	26°41	3°28	3°29	25°20	20°59	8°R 5	9° 7	19°36	28°26	F 22
S 23	14 3 45	2°48'18	15°57	5° 4	14°26	22°10	26°50	3°30	3°33	25°23	20°59	8° 4	9° 4	19°42	28°28	S 23
S 24	14 7 42	3°47'27	27°52	6° 2	15°40	22°55	27° 0	3°32	3°36	25°25	20°58	8° 1	9° 1	19°49	28°30	S 24
M25	14 11 39	4°46'34	9♍42	7° 3	16°55	23°39	27° 9	3°34	3°39	25°27	20°58	7°56	8°58	19°56	28°32	M25
T 26	14 15 35	5°45'39	21°33	8° 6	18° 9	24°23	27°18	3°36	3°42	25°29	20°58	7°48	8°54	20° 2	28°34	T 26
W27	14 19 32	6°44'42	3♎28	9°12	19°23	25° 8	27°27	3°39	3°45	25°32	20°58	7°38	8°51	20° 9	28°36	W27
T 28	14 23 28	7°43'42	15°29	10°20	20°37	25°52	27°36	3°41	3°48	25°34	20°58	7°27	8°48	20°16	28°38	T 28
F 29	14 27 25	8°42'41	27°38	11°31	21°51	26°36	27°44	3°44	3°51	25°36	20°57	7°16	8°45	20°23	28°41	F 29
S 30	14 31 21	9♉41'37	9♏56	12♈44	23♈ 5	27♉20	27♒53	3♌46	3♈54	25♈38	20♌57	7♑ 5	8♑42	20♍29	28♋43	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n19	11s53	4s56	3n23	2n46	6s 6	1s11	13n13	0s 7	14s10	0s25	19n32	0n13	0n15	0s44	8n 9	1s24	19n 0	4n55	22s55	22s54	0n38	13n 6	7s27
S 2	4 42	16 5	4 39	2 52	2 33	5 39	1 13	13 29	0 7	14 6	0 25	19 32	0 14	0 16	0 44	8 10	1 24	19 1	4 55	22 56	22 54	0 35	13 7	7 26
S 3	5 5	19 40	4 10	2 21	2 19	5 11	1 14	13 44	0 6	14 3	0 25	19 33	0 14	0 18	0 44	8 11	1 24	19 1	4 55	22 57	22 54	0 32	13 8	7 25
M 4	5 28	22 24	3 29	1 52	2 4	4 44	1 16	13 59	0 5	13 59	0 25	19 33	0 14	0 19	0 44	8 12	1 24	19 1	4 55	22 57	22 54	0 30	13 8	7 25
T 5	5 51	24 6	2 37	1 25	1 49	4 16	1 17	14 14	0 5	13 56	0 26	19 33	0 14	0 20	0 44	8 13	1 24	19 1	4 55	22 58	22 55	0 27	13 9	7 24
W 6	6 14	24 34	1 36	1 1	1 34	3 48	1 19	14 29	0 4	13 52	0 26	19 33	0 14	0 22	0 44	8 13	1 24	19 1	4 55	22 58	22 55	0 24	13 9	7 23
T 7	6 37	23 42	0 28	0 38	1 18	3 20	1 20	14 44	0 3	13 49	0 26	19 33	0 14	0 23	0 44	8 14	1 24	19 2	4 55	22 58	22 55	0 21	13 10	7 23
F 8	7 0	21 29	0n42	0 18	1 3	2 52	1 21	14 59	0 2	13 45	0 26	19 33	0 14	0 24	0 44	8 15	1 24	19 2	4 55	22 58	22 55	0 18	13 10	7 22
S 9	7 22	18 0	1 52	0 1	0 48	2 24	1 22	15 14	0 2	13 42	0 26	19 33	0 14	0 26	0 44	8 16	1 24	19 2	4 55	22 58	22 56	0 15	13 11	7 21
S 10	7 45	13 24	2 57	0s14	0 33	1 55	1 23	15 28	0 1	13 38	0 26	19 33	0 14	0 27	0 44	8 17	1 24	19 2	4 55	22 58	22 56	0 12	13 11	7 21
M11	8 7	7 57	3 53	0 26	0 18	1 27	1 24	15 42	0 0	13 35	0 26	19 33	0 14	0 28	0 44	8 17	1 24	19 2	4 55	22 58	22 56	0 9	13 12	7 20
T 12	8 29	1 56	4 34	0 35	0 4	0 58	1 25	15 56	0n 0	13 31	0 27	19 33	0 14	0 29	0 44	8 18	1 24	19 2	4 55	22 59	22 56	0 6	13 12	7 19
W13	8 51	4n17	4 57	0 42	0s 9	0 30	1 26	16 10	0 1	13 28	0 27	19 32	0 14	0 31	0 44	8 19	1 24	19 2	4 55	23 0	22 57	0 4	13 13	7 19
T 14	9 13	10 16	5 0	0 46	0 23	0 1	1 27	16 24	0 2	13 25	0 27	19 32	0 14	0 32	0 44	8 20	1 24	19 3	4 55	23 0	22 57	0 1	13 13	7 18
F 15	9 35	15 36	4 41	0 48	0 35	0n27	1 28	16 37	0 2	13 21	0 27	19 32	0 14	0 33	0 44	8 21	1 24	19 3	4 54	23 1	22 57	0s 2	13 14	7 17
S 16	9 56	19 54	4 5	0 47	0 47	0 56	1 29	16 51	0 3	13 18	0 27	19 32	0 15	0 35	0 44	8 22	1 24	19 3	4 54	23 2	22 57	0 5	13 14	7 17
S 17	10 18	22 52	3 13	0 44	0 59	1 24	1 29	17 4	0 4	13 15	0 27	19 32	0 15	0 36	0 44	8 22	1 24	19 3	4 54	23 2	22 57	0 8	13 15	7 16
M18	10 39	24 19	2 11	0 40	1 9	1 53	1 30	17 17	0 4	13 12	0 28	19 31	0 15	0 37	0 44	8 23	1 24	19 3	4 54	23 2	22 58	0 11	13 15	7 15
T 19	11 0	24 17	1 4	0 33	1 20	2 21	1 30	17 30	0 5	13 8	0 28	19 31	0 15	0 38	0 44	8 24	1 24	19 3	4 54	23 3	22 58	0 14	13 15	7 15
W20	11 21	22 54	0s 5	0 24	1 29	2 50	1 31	17 42	0 6	13 5	0 28	19 31	0 15	0 40	0 44	8 25	1 24	19 3	4 54	23 3	22 58	0 17	13 16	7 14
T 21	11 41	20 23	1 11	0 13	1 38	3 18	1 31	17 55	0 7	13 2	0 28	19 30	0 15	0 41	0 44	8 26	1 24	19 3	4 54	23 3	22 58	0 20	13 16	7 13
F 22	12 2	17 0	2 13	0n 0	1 47	3 47	1 31	18 7	0 7	12 59	0 28	19 30	0 15	0 42	0 44	8 26	1 24	19 3	4 54	23 3	22 59	0 22	13 16	7 13
S 23	12 22	12 58	3 7	0 15	1 55	4 15	1 32	18 19	0 8	12 56	0 28	19 30	0 15	0 43	0 44	8 27	1 24	19 3	4 54	23 3	22 59	0 25	13 17	7 12
S 24	12 42	8 30	3 53	0 31	2 2	4 43	1 32	18 31	0 9	12 53	0 29	19 29	0 15	0 44	0 44	8 28	1 24	19 3	4 54	23 3	22 59	0 28	13 17	7 11
M25	13 2	3 44	4 28	0 48	2 9	5 11	1 32	18 43	0 9	12 50	0 29	19 29	0 15	0 46	0 44	8 29	1 24	19 3	4 54	23 3	22 59	0 31	13 17	7 11
T 26	13 21	1s 8	4 51	1 8	2 15	5 39	1 32	18 54	0 10	12 47	0 29	19 28	0 15	0 47	0 44	8 30	1 24	19 3	4 54	23 4	22 59	0 34	13 17	7 10
W27	13 41	6 0	5 3	1 28	2 20	6 7	1 32	19 6	0 11	12 44	0 29	19 28	0 15	0 48	0 44	8 30	1 24	19 3	4 54	23 4	23 0	0 37	13 18	7 10
T 28	14 0	10 41	5 0	1 50	2 25	6 35	1 32	19 17	0 11	12 41	0 29	19 27	0 15	0 49	0 44	8 31	1 24	19 3	4 54	23 5	23 0	0 40	13 18	7 9
F 29	14 19	15 0	4 45	2 14	2 30	7 3	1 31	19 28	0 12	12 39	0 29	19 27	0 15	0 50	0 44	8 32	1 24	19 3	4 54	23 5	23 0	0 42	13 18	7 8
S 30	14n37	18s45	4s16	2n39	2s33	7n30	1s31	19n38	0n12	12s36	0s30	19n26	0n15	0n51	0s44	8n33	1s24	19n 3	4n54	23s 6	23s 0	0s45	13n18	7s 8

Julian Day Number = 2883716.5, Delta T = 01h16m32s
Ecliptic obliquity = 23°17'13, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°18'40, Lahiri = 40°25'41

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ASTRODIENST EPHEMERIS for the year 3183
geocentric

MAY 3183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 18	10♉40'32	22♏25	13♈59	24♈19	28♉ 4	28♒ 1	3♌49	3♈57	25♈40	20°R57	6°R56	8♑39	20♍36	28♋46	S 1
M 2	14 39 14	11°39'25	5♐ 3	15°16	25°33	28°48	28°10	3°52	4° 0	25°43	20♌57	6♑50	8°35	20°43	28°48	M 2
T 3	14 43 11	12°38'16	17°53	16°36	26°47	29°32	28°18	3°55	4° 2	25°45	20°57	6°45	8°32	20°49	28°51	T 3
W 4	14 47 8	13°37'05	0♑54	17°57	28° 1	0♊16	28°26	3°58	4° 5	25°47	20°D57	6°D44	8°29	20°56	28°54	W 4
T 5	14 51 4	14°35'52	14° 8	19°20	29°15	1° 0	28°34	4° 1	4° 8	25°49	20°57	6°44	8°26	21° 3	28°56	T 5
F 6	14 55 1	15°34'38	27°36	20°45	0♉29	1°44	28°42	4° 5	4°11	25°51	20°57	6°45	8°23	21°10	28°59	F 6
S 7	14 58 57	16°33'22	11♒19	22°12	1°43	2°27	28°49	4° 8	4°14	25°54	20°57	6°R46	8°20	21°16	29° 2	S 7
S 8	15 2 54	17°32'05	25°18	23°40	2°57	3°11	28°57	4°12	4°16	25°56	20°57	6°45	8°16	21°23	29° 5	S 8
M 9	15 6 50	18°30'45	9♓33	25°11	4°11	3°55	29° 4	4°15	4°19	25°58	20°57	6°44	8°13	21°30	29° 8	M 9
T 10	15 10 47	19°29'25	24° 2	26°43	5°25	4°38	29°11	4°19	4°22	26° 0	20°58	6°40	8°10	21°36	29°12	T 10
W11	15 14 43	20°28'02	8♈40	28°17	6°39	5°22	29°18	4°23	4°24	26° 2	20°58	6°34	8° 7	21°43	29°15	W11
T 12	15 18 40	21°26'38	23°22	29°52	7°53	6° 6	29°25	4°27	4°27	26° 4	20°58	6°27	8° 4	21°50	29°18	T 12
F 13	15 22 37	22°25'12	8♉ 1	1♉30	9° 7	6°49	29°32	4°30	4°30	26° 6	20°58	6°20	8° 0	21°57	29°22	F 13
S 14	15 26 33	23°23'45	22°30	3° 9	10°21	7°32	29°38	4°35	4°32	26° 8	20°59	6°14	7°57	22° 3	29°25	S 14
S 15	15 30 30	24°22'16	6♊41	4°50	11°35	8°16	29°45	4°39	4°35	26°10	20°59	6° 9	7°54	22°10	29°29	S 15
M16	15 34 26	25°20'45	20°30	6°32	12°49	8°59	29°51	4°43	4°37	26°13	20°59	6° 6	7°51	22°17	29°33	M16
T 17	15 38 23	26°19'12	3♋55	8°17	14° 3	9°43	29°57	4°47	4°40	26°15	20°59	6°D 5	7°48	22°23	29°36	T 17
W18	15 42 19	27°17'37	16°56	10° 3	15°17	10°26	0♓ 3	4°52	4°42	26°17	21° 0	6° 6	7°45	22°30	29°40	W18
T 19	15 46 16	28°16'00	29°35	11°51	16°31	11° 9	0° 9	4°56	4°44	26°19	21° 0	6° 7	7°41	22°37	29°44	T 19
F 20	15 50 12	29°14'21	11♌56	13°40	17°45	11°52	0°15	5° 1	4°47	26°21	21° 1	6° 9	7°38	22°44	29°48	F 20
S 21	15 54 9	0♊12'40	24° 2	15°32	18°59	12°35	0°20	5° 5	4°49	26°23	21° 1	6°10	7°35	22°50	29°52	S 21
S 22	15 58 6	1°10'56	5♍59	17°25	20°13	13°18	0°25	5°10	4°51	26°25	21° 2	6°R10	7°32	22°57	29°56	S 22
M23	16 2 2	2° 9'11	17°52	19°20	21°27	14° 1	0°30	5°15	4°53	26°26	21° 2	6° 8	7°29	23° 4	0♌ 0	M23
T 24	16 5 59	3° 7'24	29°45	21°16	22°40	14°44	0°35	5°20	4°56	26°28	21° 3	6° 6	7°25	23°11	0° 4	T 24
W25	16 9 55	4° 5'35	11♎42	23°15	23°54	15°27	0°40	5°25	4°58	26°30	21° 3	6° 2	7°22	23°17	0° 9	W25
T 26	16 13 52	5° 3'44	23°47	25°15	25° 8	16°10	0°45	5°30	5° 0	26°32	21° 4	5°57	7°19	23°24	0°13	T 26
F 27	16 17 48	6° 1'52	6♏ 4	27°17	26°22	16°53	0°49	5°35	5° 2	26°34	21° 4	5°52	7°16	23°31	0°17	F 27
S 28	16 21 45	6°59'57	18°33	29°20	27°36	17°35	0°54	5°40	5° 4	26°36	21° 5	5°47	7°13	23°37	0°22	S 28
S 29	16 25 41	7°58'02	1♐16	1♊25	28°50	18°18	0°58	5°45	5° 6	26°38	21° 5	5°43	7°10	23°44	0°26	S 29
M30	16 29 38	8°56'04	14°13	3°31	0♊ 4	19° 1	1° 2	5°51	5° 8	26°40	21° 6	5°40	7° 6	23°51	0°31	M30
T 31	16 33 35	9♊54'05	27♐24	5♊39	1♊17	19♊43	1♓ 5	5♌56	5♈10	26♈41	21♌ 7	5♑38	7♑ 3	23♍58	0♌35	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸		☊		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl	lat
S 1	14n56	21s42	3s34	3n 4	2s37	7n57	1s31	19n49	0n13	12s33	0s30	19n26	0n16	0n53	0s44	8n34	1s24	19n 3	4n54	23s 6	23s 0	0s48	13n18	7s 7
M 2	15 14	23 39	2 41	3 32	2 39	8 25	1 30	19 59	0 14	12 30	0 30	19 25	0 16	0 54	0 44	8 34	1 24	19 3	4 54	23 7	23 1	0 51	13 18	7 6
T 3	15 32	24 23	1 39	4 0	2 41	8 52	1 30	20 9	0 14	12 28	0 30	19 24	0 16	0 55	0 45	8 35	1 24	19 3	4 53	23 7	23 1	0 54	13 18	7 6
W 4	15 50	23 48	0 31	4 29	2 43	9 18	1 29	20 19	0 15	12 25	0 30	19 24	0 16	0 56	0 45	8 36	1 24	19 3	4 53	23 7	23 1	0 57	13 18	7 5
T 5	16 7	21 53	0n40	4 59	2 44	9 45	1 29	20 29	0 16	12 23	0 31	19 23	0 16	0 57	0 45	8 37	1 24	19 3	4 53	23 7	23 1	1 0	13 18	7 5
F 6	16 24	18 43	1 50	5 30	2 45	10 11	1 28	20 39	0 16	12 20	0 31	19 22	0 16	0 58	0 45	8 37	1 24	19 3	4 53	23 7	23 1	1 3	13 18	7 4
S 7	16 41	14 28	2 55	6 2	2 44	10 38	1 28	20 48	0 17	12 18	0 31	19 21	0 16	0 59	0 45	8 38	1 24	19 3	4 53	23 7	23 2	1 5	13 18	7 3
S 8	16 57	9 22	3 51	6 35	2 44	11 3	1 27	20 57	0 18	12 15	0 31	19 21	0 16	1 0	0 45	8 39	1 24	19 3	4 53	23 7	23 2	1 8	13 18	7 3
M 9	17 14	3 42	4 34	7 9	2 43	11 29	1 26	21 6	0 18	12 13	0 31	19 20	0 16	1 1	0 45	8 40	1 24	19 3	4 53	23 7	23 2	1 11	13 18	7 2
T 10	17 30	2n15	5 0	7 44	2 41	11 55	1 25	21 14	0 19	12 11	0 31	19 19	0 16	1 2	0 45	8 41	1 24	19 3	4 53	23 7	23 2	1 14	13 18	7 2
W11	17 45	8 8	5 8	8 19	2 39	12 20	1 24	21 23	0 19	12 8	0 32	19 18	0 16	1 3	0 45	8 41	1 24	19 3	4 53	23 7	23 2	1 17	13 18	7 1
T 12	18 0	13 35	4 55	8 55	2 36	12 44	1 23	21 31	0 20	12 6	0 32	19 17	0 16	1 4	0 45	8 42	1 24	19 2	4 53	23 8	23 3	1 20	13 18	7 0
F 13	18 16	18 14	4 22	9 31	2 33	13 9	1 22	21 39	0 21	12 4	0 32	19 17	0 16	1 5	0 45	8 43	1 24	19 2	4 53	23 8	23 3	1 22	13 18	7 0
S 14	18 30	21 43	3 34	10 8	2 30	13 33	1 21	21 47	0 21	12 2	0 32	19 16	0 16	1 6	0 45	8 43	1 24	19 2	4 53	23 8	23 3	1 25	13 18	6 59
S 15	18 45	23 47	2 32	10 46	2 25	13 57	1 20	21 54	0 22	12 0	0 32	19 15	0 16	1 7	0 45	8 44	1 24	19 2	4 53	23 9	23 3	1 28	13 18	6 59
M16	18 59	24 20	1 24	11 24	2 21	14 20	1 18	22 2	0 22	11 58	0 33	19 14	0 17	1 8	0 45	8 45	1 24	19 2	4 53	23 9	23 3	1 31	13 18	6 58
T 17	19 12	23 26	0 12	12 2	2 15	14 44	1 17	22 9	0 23	11 56	0 33	19 13	0 17	1 9	0 45	8 46	1 24	19 2	4 53	23 9	23 4	1 34	13 17	6 58
W18	19 26	21 15	0s59	12 41	2 10	15 6	1 16	22 16	0 24	11 54	0 33	19 12	0 17	1 10	0 45	8 46	1 24	19 2	4 53	23 9	23 4	1 37	13 17	6 57
T 19	19 39	18 5	2 4	13 20	2 4	15 29	1 14	22 22	0 24	11 52	0 33	19 11	0 17	1 11	0 45	8 47	1 24	19 1	4 52	23 9	23 4	1 40	13 17	6 57
F 20	19 52	14 11	3 3	13 59	1 57	15 51	1 13	22 29	0 25	11 50	0 33	19 10	0 17	1 12	0 45	8 48	1 24	19 1	4 52	23 9	23 4	1 42	13 17	6 56
S 21	20 4	9 47	3 52	14 38	1 50	16 13	1 11	22 35	0 25	11 49	0 34	19 9	0 17	1 13	0 45	8 48	1 24	19 1	4 52	23 9	23 4	1 45	13 16	6 55
S 22	20 16	5 4	4 30	15 17	1 42	16 34	1 10	22 41	0 26	11 47	0 34	19 8	0 17	1 14	0 45	8 49	1 24	19 1	4 52	23 9	23 4	1 48	13 16	6 55
M23	20 28	0 13	4 56	15 56	1 34	16 55	1 8	22 47	0 27	11 45	0 34	19 7	0 17	1 15	0 45	8 50	1 24	19 1	4 52	23 9	23 5	1 51	13 16	6 54
T 24	20 39	4s38	5 10	16 35	1 26	17 15	1 6	22 52	0 27	11 44	0 34	19 5	0 17	1 15	0 45	8 50	1 24	19 0	4 52	23 9	23 5	1 54	13 15	6 54
W25	20 50	9 21	5 10	17 13	1 17	17 35	1 5	22 57	0 28	11 42	0 34	19 4	0 17	1 16	0 45	8 51	1 24	19 0	4 52	23 9	23 5	1 57	13 15	6 53
T 26	21 0	13 46	4 57	17 51	1 8	17 54	1 3	23 2	0 28	11 41	0 35	19 3	0 17	1 17	0 45	8 52	1 24	19 0	4 52	23 9	23 5	1 59	13 15	6 53
F 27	21 11	17 42	4 30	18 28	0 59	18 14	1 1	23 7	0 29	11 39	0 35	19 2	0 17	1 18	0 45	8 52	1 24	19 0	4 52	23 9	23 5	2 2	13 14	6 52
S 28	21 20	20 55	3 50	19 5	0 49	18 32	0 59	23 12	0 29	11 38	0 35	19 1	0 17	1 19	0 45	8 53	1 24	18 59	4 52	23 10	23 5	2 5	13 14	6 52
S 29	21 30	23 10	2 57	19 41	0 39	18 50	0 57	23 16	0 30	11 37	0 35	19 0	0 17	1 19	0 45	8 53	1 24	18 59	4 52	23 10	23 6	2 8	13 13	6 51
M30	21 39	24 16	1 55	20 15	0 29	19 8	0 56	23 20	0 30	11 36	0 36	18 58	0 17	1 20	0 45	8 54	1 25	18 59	4 52	23 10	23 6	2 11	13 13	6 51
T 31	21n48	24s 1	0s45	20n49	0s18	19n25	0s54	23n24	0n31	11s35	0s36	18n57	0n17	1n21	0s45	8n55	1s25	18n59	4n52	23s10	23s 6	2s13	13n12	6s51

Julian Day Number = 2883746.5, Delta T = 01h16m33s
Ecliptic obliquity = 23°17'12, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°18'44, Lahiri = 40°25'45

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ASTRODIENST EPHEMERIS for the year 3183
geocentric

JUNE 3183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 37 31	10♊52'04	10♉48	7♊47	2♊31	20♊26	1♓ 9	6♌ 1	5♈12	26♈43	21♌ 8	5°D38	7♉ 0	24♍ 4	0♌40	W 1
T 2	16 41 28	11°50'02	24°25	9°57	3°45	21° 8	1°13	6° 7	5°14	26°45	21° 8	5♉39	6°57	24°11	0°45	T 2
F 3	16 45 24	12°47'59	8♒12	12° 8	4°59	21°51	1°16	6°13	5°15	26°47	21° 9	5°40	6°54	24°18	0°50	F 3
S 4	16 49 21	13°45'55	22° 8	14°19	6°13	22°33	1°19	6°18	5°17	26°48	21°10	5°42	6°51	24°24	0°54	S 4
S 5	16 53 17	14°43'49	6♓13	16°30	7°27	23°15	1°22	6°24	5°19	26°50	21°11	5°43	6°47	24°31	0°59	S 5
M 6	16 57 14	15°41'42	20°25	18°42	8°40	23°58	1°24	6°30	5°20	26°52	21°11	5°R43	6°44	24°38	1° 4	M 6
T 7	17 1 10	16°39'34	4♈41	20°53	9°54	24°40	1°27	6°36	5°22	26°53	21°12	5°42	6°41	24°45	1° 9	T 7
W 8	17 5 7	17°37'25	18°59	23° 4	11° 8	25°22	1°29	6°42	5°24	26°55	21°13	5°41	6°38	24°51	1°14	W 8
T 9	17 9 4	18°35'15	3♉15	25°13	12°22	26° 4	1°31	6°48	5°25	26°56	21°14	5°39	6°35	24°58	1°19	T 9
F 10	17 13 0	19°33'03	17°26	27°22	13°36	26°46	1°33	6°54	5°27	26°58	21°15	5°36	6°31	25° 5	1°25	F 10
S 11	17 16 57	20°30'51	1♊27	29°30	14°49	27°28	1°35	7° 0	5°28	26°59	21°16	5°34	6°28	25°11	1°30	S 11
S 12	17 20 53	21°28'37	15°14	1♋36	16° 3	28°10	1°37	7° 6	5°30	27° 1	21°17	5°33	6°25	25°18	1°35	S 12
M13	17 24 50	22°26'23	28°45	3°40	17°17	28°52	1°38	7°12	5°31	27° 2	21°18	5°32	6°22	25°25	1°40	M13
T 14	17 28 46	23°24'07	11♋58	5°42	18°31	29°34	1°39	7°18	5°32	27° 4	21°19	5°D32	6°19	25°32	1°46	T 14
W15	17 32 43	24°21'49	24°52	7°42	19°45	0♋16	1°40	7°25	5°33	27° 5	21°20	5°33	6°16	25°38	1°51	W15
T 16	17 36 40	25°19'31	7♌28	9°39	20°58	0°58	1°41	7°31	5°35	27° 7	21°21	5°34	6°12	25°45	1°57	T 16
F 17	17 40 36	26°17'10	19°48	11°35	22°12	1°40	1°42	7°38	5°36	27° 8	21°22	5°35	6° 9	25°52	2° 2	F 17
S 18	17 44 33	27°14'49	1♍55	13°27	23°26	2°21	1°42	7°44	5°37	27°10	21°23	5°36	6° 6	25°59	2° 8	S 18
S 19	17 48 29	28°12'26	13°54	15°17	24°40	3° 3	1°42	7°51	5°38	27°11	21°24	5°36	6° 3	26° 5	2°13	S 19
M20	17 52 26	29°10'02	25°48	17° 5	25°53	3°45	1°R42	7°57	5°39	27°12	21°25	5°R36	6° 0	26°12	2°19	M20
T 21	17 56 22	0♋ 7'36	7♎41	18°49	27° 7	4°26	1°42	8° 4	5°40	27°13	21°27	5°36	5°57	26°19	2°24	T 21
W22	18 0 19	1° 5'09	19°40	20°31	28°21	5° 8	1°42	8°11	5°41	27°15	21°28	5°36	5°53	26°25	2°30	W22
T 23	18 4 15	2° 2'41	1♏47	22°10	29°35	5°49	1°41	8°17	5°42	27°16	21°29	5°36	5°50	26°32	2°36	T 23
F 24	18 8 12	3° 0'11	14° 7	23°47	0♋48	6°31	1°41	8°24	5°43	27°17	21°30	5°35	5°47	26°39	2°41	F 24
S 25	18 12 9	3°57'41	26°43	25°20	2° 2	7°12	1°40	8°31	5°43	27°18	21°31	5°35	5°44	26°46	2°47	S 25
S 26	18 16 5	4°55'10	9♐37	26°51	3°16	7°54	1°39	8°38	5°44	27°19	21°33	5°35	5°41	26°52	2°53	S 26
M27	18 20 2	5°52'37	22°50	28°18	4°30	8°35	1°37	8°45	5°45	27°20	21°34	5°D35	5°37	26°59	2°59	M27
T 28	18 23 58	6°50'04	6♑22	29°43	5°43	9°16	1°36	8°52	5°45	27°22	21°35	5°R35	5°34	27° 6	3° 5	T 28
W29	18 27 55	7°47'29	20°11	1♌ 5	6°57	9°57	1°34	8°59	5°46	27°23	21°36	5°35	5°31	27°12	3°11	W29
T 30	18 31 51	8♋44'54	4♒14	2♌24	8♋11	10♋39	1♓32	9♌ 6	5♈47	27♈24	21♌38	5♉35	5♉28	27♍19	3♌17	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n56	22s23	0n28	21n20	0s 8	19n41	0s52	23n28	0n32	11s33	0s36	18n56	0n18	1n21	0s45	8n55	1s25	18n58	4n52	23s10	23s 6	2s16	13n12	6s50
T 2	22 4	19 26	1 41	21 51	0n 3	19 57	0 50	23 32	0 32	11 32	0 36	18 55	0 18	1 22	0 45	8 56	1 25	18 58	4 52	23 10	23 6	2 19	13 11	6 50
F 3	22 11	15 22	2 50	22 19	0 13	20 13	0 48	23 35	0 33	11 31	0 36	18 53	0 18	1 23	0 45	8 56	1 25	18 58	4 52	23 10	23 6	2 22	13 11	6 49
S 4	22 18	10 26	3 48	22 46	0 24	20 28	0 45	23 38	0 33	11 31	0 37	18 52	0 18	1 24	0 45	8 57	1 25	18 57	4 52	23 10	23 7	2 25	13 10	6 49
S 5	22 25	4 55	4 34	23 10	0 34	20 42	0 43	23 41	0 34	11 30	0 37	18 50	0 18	1 24	0 45	8 58	1 25	18 57	4 52	23 10	23 7	2 28	13 10	6 48
M 6	22 31	0n53	5 4	23 32	0 44	20 56	0 41	23 43	0 34	11 29	0 37	18 49	0 18	1 25	0 45	8 58	1 25	18 57	4 52	23 10	23 7	2 30	13 9	6 48
T 7	22 37	6 40	5 15	23 52	0 54	21 9	0 39	23 45	0 35	11 28	0 37	18 48	0 18	1 25	0 45	8 59	1 25	18 56	4 51	23 10	23 7	2 33	13 8	6 47
W 8	22 43	12 7	5 7	24 9	1 3	21 22	0 37	23 48	0 35	11 28	0 38	18 46	0 18	1 26	0 46	8 59	1 25	18 56	4 51	23 10	23 7	2 36	13 8	6 47
T 9	22 48	16 54	4 39	24 24	1 12	21 34	0 35	23 49	0 36	11 27	0 38	18 45	0 18	1 27	0 46	9 0	1 25	18 56	4 51	23 10	23 7	2 39	13 7	6 47
F 10	22 53	20 41	3 55	24 36	1 20	21 45	0 32	23 51	0 36	11 27	0 38	18 43	0 18	1 27	0 46	9 0	1 25	18 55	4 51	23 10	23 8	2 42	13 6	6 46
S 11	22 57	23 13	2 57	24 45	1 28	21 56	0 30	23 53	0 37	11 26	0 38	18 42	0 18	1 28	0 46	9 1	1 25	18 55	4 51	23 10	23 8	2 44	13 6	6 46
S 12	23 1	24 18	1 50	24 51	1 35	22 6	0 28	23 54	0 37	11 26	0 38	18 40	0 18	1 28	0 46	9 1	1 25	18 55	4 51	23 10	23 8	2 47	13 5	6 45
M13	23 4	23 54	0 37	24 55	1 41	22 16	0 26	23 55	0 38	11 26	0 39	18 39	0 18	1 29	0 46	9 2	1 25	18 54	4 51	23 10	23 8	2 50	13 4	6 45
T 14	23 7	22 10	0s35	24 57	1 47	22 24	0 23	23 55	0 38	11 25	0 39	18 37	0 18	1 29	0 46	9 2	1 25	18 54	4 51	23 10	23 8	2 53	13 3	6 45
W15	23 10	19 18	1 45	24 56	1 52	22 33	0 21	23 56	0 39	11 25	0 39	18 36	0 18	1 30	0 46	9 3	1 25	18 54	4 51	23 10	23 8	2 56	13 3	6 44
T 16	23 12	15 35	2 48	24 52	1 56	22 40	0 19	23 56	0 39	11 25	0 39	18 34	0 19	1 30	0 46	9 3	1 25	18 53	4 51	23 10	23 9	2 58	13 2	6 44
F 17	23 14	11 17	3 41	24 46	2 0	22 47	0 16	23 56	0 40	11 25	0 40	18 33	0 19	1 30	0 46	9 4	1 25	18 53	4 51	23 10	23 9	3 1	13 1	6 44
S 18	23 15	6 37	4 24	24 38	2 2	22 54	0 14	23 56	0 40	11 25	0 40	18 31	0 19	1 31	0 46	9 4	1 25	18 52	4 51	23 10	23 9	3 4	13 0	6 43
S 19	23 16	1 46	4 54	24 28	2 4	22 59	0 11	23 56	0 41	11 25	0 40	18 30	0 19	1 31	0 46	9 5	1 25	18 52	4 51	23 10	23 9	3 7	12 59	6 43
M20	23 17	3s 7	5 12	24 16	2 5	23 4	0 9	23 55	0 41	11 26	0 40	18 28	0 19	1 32	0 46	9 5	1 25	18 52	4 51	23 10	23 9	3 9	12 58	6 43
T 21	23 17	7 53	5 17	24 3	2 6	23 9	0 7	23 54	0 42	11 26	0 41	18 26	0 19	1 32	0 46	9 5	1 25	18 51	4 51	23 10	23 9	3 12	12 57	6 42
W22	23 17	12 23	5 7	23 47	2 5	23 12	0 4	23 53	0 42	11 26	0 41	18 25	0 19	1 32	0 46	9 6	1 25	18 51	4 51	23 10	23 9	3 15	12 57	6 42
T 23	23 16	16 28	4 44	23 31	2 4	23 15	0 2	23 52	0 43	11 27	0 41	18 23	0 19	1 33	0 46	9 6	1 26	18 50	4 51	23 10	23 10	3 18	12 56	6 42
F 24	23 15	19 55	4 8	23 12	2 2	23 18	0n 0	23 51	0 43	11 27	0 41	18 21	0 19	1 33	0 46	9 7	1 26	18 50	4 51	23 10	23 10	3 21	12 55	6 41
S 25	23 14	22 32	3 19	22 53	1 59	23 19	0 3	23 49	0 44	11 28	0 41	18 19	0 19	1 33	0 46	9 7	1 26	18 50	4 51	23 10	23 10	3 23	12 54	6 41
S 26	23 12	24 2	2 19	22 32	1 55	23 20	0 5	23 47	0 44	11 28	0 42	18 18	0 19	1 33	0 46	9 7	1 26	18 49	4 51	23 10	23 10	3 26	12 53	6 41
M27	23 9	24 16	1 10	22 10	1 51	23 20	0 8	23 45	0 44	11 29	0 42	18 16	0 19	1 34	0 46	9 8	1 26	18 49	4 51	23 10	23 10	3 29	12 52	6 41
T 28	23 7	23 4	0n 4	21 48	1 45	23 20	0 10	23 43	0 45	11 30	0 42	18 14	0 19	1 34	0 46	9 8	1 26	18 48	4 51	23 10	23 10	3 32	12 51	6 40
W29	23 4	20 28	1 20	21 25	1 40	23 19	0 12	23 40	0 45	11 31	0 42	18 13	0 19	1 34	0 46	9 8	1 26	18 48	4 51	23 10	23 10	3 34	12 50	6 40
T 30	23n 0	16s37	2n32	21n 1	1n33	23n17	0n15	23n37	0n46	11s31	0s43	18n11	0n19	1n34	0s46	9n 9	1s26	18n47	4n51	23s10	23s10	3s37	12n49	6s40

Julian Day Number = 2883777.5, Delta T = 01h16m33s
Ecliptic obliquity = 23°17'11, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°18'49, Lahiri = 40°25'49

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ASTRODIENST EPHEMERIS for the year 3183
geocentric

JULY 3183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 35 48	9♋42'18	18♒28	3♌39	9♋25	11♋20	1°R30	9♌13	5♈47	27♈25	21♌39	5°R34	5♉25	27♍26	3♌23	F 1
S 2	18 39 44	10°39'42	2♓48	4°52	10°38	12° 1	1♓28	9°20	5°48	27°26	21°40	5♉34	5°22	27°33	3°29	S 2
S 3	18 43 41	11°37'05	17° 9	6° 1	11°52	12°42	1°26	9°27	5°48	27°26	21°42	5°33	5°18	27°39	3°35	S 3
M 4	18 47 38	12°34'28	1♈29	7° 8	13° 6	13°23	1°23	9°35	5°48	27°27	21°43	5°33	5°15	27°46	3°41	M 4
T 5	18 51 34	13°31'50	15°44	8°11	14°20	14° 4	1°20	9°42	5°49	27°28	21°45	5°D33	5°12	27°53	3°47	T 5
W 6	18 55 31	14°29'12	29°50	9°10	15°33	14°45	1°17	9°49	5°49	27°29	21°46	5°33	5° 9	28° 0	3°53	W 6
T 7	18 59 27	15°26'34	13♉47	10° 6	16°47	15°26	1°14	9°56	5°49	27°30	21°47	5°34	5° 6	28° 6	3°59	T 7
F 8	19 3 24	16°23'55	27°33	10°59	18° 1	16° 6	1°11	10° 4	5°49	27°31	21°49	5°35	5° 3	28°13	4° 5	F 8
S 9	19 7 20	17°21'16	11♊ 7	11°48	19°15	16°47	1° 7	10°11	5°49	27°31	21°50	5°36	4°59	28°20	4°11	S 9
S 10	19 11 17	18°18'37	24°28	12°33	20°28	17°28	1° 4	10°18	5°49	27°32	21°52	5°36	4°56	28°26	4°18	S 10
M11	19 15 13	19°15'58	7♋36	13°15	21°42	18° 9	1° 0	10°26	5°R49	27°33	21°53	5°R36	4°53	28°33	4°24	M11
T 12	19 19 10	20°13'18	20°30	13°52	22°56	18°49	0°56	10°33	5°49	27°33	21°55	5°36	4°50	28°40	4°30	T 12
W13	19 23 7	21°10'38	3♌10	14°26	24°10	19°30	0°52	10°41	5°49	27°34	21°56	5°35	4°47	28°47	4°36	W13
T 14	19 27 3	22° 7'57	15°37	14°55	25°24	20°11	0°47	10°48	5°49	27°35	21°58	5°33	4°43	28°53	4°43	T 14
F 15	19 31 0	23° 5'15	27°51	15°20	26°37	20°51	0°43	10°56	5°49	27°35	21°59	5°30	4°40	29° 0	4°49	F 15
S 16	19 34 56	24° 2'33	9♍56	15°40	27°51	21°32	0°38	11° 3	5°49	27°36	22° 1	5°28	4°37	29° 7	4°55	S 16
S 17	19 38 53	24°59'51	21°54	15°56	29° 5	22°12	0°33	11°11	5°48	27°36	22° 2	5°25	4°34	29°13	5° 1	S 17
M18	19 42 49	25°57'08	3♎47	16° 8	0♌19	22°53	0°28	11°18	5°48	27°37	22° 4	5°23	4°31	29°20	5° 8	M18
T 19	19 46 46	26°54'25	15°40	16°15	1°32	23°33	0°23	11°26	5°48	27°37	22° 5	5°21	4°28	29°27	5°14	T 19
W20	19 50 42	27°51'41	27°37	16°R17	2°46	24°13	0°18	11°34	5°47	27°37	22° 7	5°D21	4°24	29°34	5°20	W20
T 21	19 54 39	28°48'56	9♏43	16°15	4° 0	24°54	0°12	11°41	5°47	27°38	22° 9	5°21	4°21	29°40	5°27	T 21
F 22	19 58 36	29°46'12	22° 2	16° 8	5°14	25°34	0° 7	11°49	5°46	27°38	22°10	5°22	4°18	29°47	5°33	F 22
S 23	20 2 32	0♌43'27	4♐39	15°57	6°28	26°14	0° 1	11°57	5°46	27°38	22°12	5°24	4°15	29°54	5°40	S 23
S 24	20 6 29	1°40'42	17°37	15°41	7°41	26°54	29♒55	12° 4	5°45	27°39	22°13	5°25	4°12	0♎ 1	5°46	S 24
M25	20 10 25	2°37'56	0♑59	15°21	8°55	27°34	29°49	12°12	5°45	27°39	22°15	5°R26	4° 9	0° 7	5°52	M25
T 26	20 14 22	3°35'11	14°45	14°57	10° 9	28°14	29°43	12°20	5°44	27°39	22°17	5°26	4° 5	0°14	5°59	T 26
W27	20 18 18	4°32'25	28°53	14°29	11°23	28°55	29°37	12°27	5°43	27°39	22°18	5°24	4° 2	0°21	6° 5	W27
T 28	20 22 15	5°29'39	13♒21	13°58	12°36	29°35	29°30	12°35	5°42	27°39	22°20	5°22	3°59	0°27	6°12	T 28
F 29	20 26 12	6°26'53	28° 2	13°25	13°50	0♌15	29°24	12°43	5°41	27°39	22°22	5°18	3°56	0°34	6°18	F 29
S 30	20 30 8	7°24'08	12♓49	12°49	15° 4	0°54	29°17	12°51	5°41	27°39	22°23	5°13	3°53	0°41	6°24	S 30
S 31	20 34 5	8♌21'22	27♓34	12♌11	16♌18	1♌34	29♒11	12♌58	5♈40	27°R39	22♌25	5♉ 9	3♉49	0♎48	6♌31	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n56	11s46	3n36	20n36	1n26	23n14	0n17	23n34	0n46	11s32	0s43	18n 9	0n20	1n34	0s46	9n 9	1s26	18n47	4n51	23s10	23s11	3s40	12n47	6s40
S 2	22 52	6 16	4 26	20 11	1 18	23 11	0 19	23 31	0 47	11 33	0 43	18 7	0 20	1 35	0 46	9 9	1 26	18 46	4 51	23 10	23 11	3 43	12 46	6 39
S 3	22 47	0 25	5 1	19 46	1 9	23 7	0 22	23 28	0 47	11 34	0 43	18 5	0 20	1 35	0 46	9 9	1 26	18 46	4 51	23 10	23 11	3 45	12 45	6 39
M 4	22 42	5n25	5 16	19 20	1 0	23 3	0 24	23 24	0 47	11 36	0 44	18 3	0 20	1 35	0 46	9 10	1 26	18 46	4 51	23 10	23 11	3 48	12 44	6 39
T 5	22 36	10 57	5 12	18 54	0 50	22 57	0 26	23 21	0 48	11 37	0 44	18 2	0 20	1 35	0 46	9 10	1 26	18 45	4 51	23 10	23 11	3 51	12 43	6 39
W 6	22 30	15 51	4 49	18 28	0 39	22 52	0 29	23 17	0 48	11 38	0 44	18 0	0 20	1 35	0 47	9 10	1 26	18 45	4 51	23 10	23 11	3 54	12 42	6 38
T 7	22 24	19 50	4 9	18 3	0 28	22 45	0 31	23 12	0 49	11 39	0 44	17 58	0 20	1 35	0 47	9 10	1 26	18 44	4 51	23 10	23 11	3 57	12 41	6 38
F 8	22 17	22 40	3 15	17 37	0 16	22 38	0 33	23 8	0 49	11 41	0 44	17 56	0 20	1 35	0 47	9 11	1 26	18 44	4 51	23 10	23 11	3 59	12 39	6 38
S 9	22 10	24 8	2 11	17 12	0 4	22 30	0 35	23 4	0 50	11 42	0 45	17 54	0 20	1 35	0 47	9 11	1 26	18 43	4 51	23 10	23 12	4 2	12 38	6 38
S 10	22 3	24 11	1 1	16 47	0s 9	22 21	0 37	22 59	0 50	11 44	0 45	17 52	0 20	1 35	0 47	9 11	1 26	18 43	4 51	23 10	23 12	4 5	12 37	6 38
M11	21 55	22 53	0s11	16 22	0 23	22 12	0 40	22 54	0 50	11 45	0 45	17 50	0 20	1 35	0 47	9 11	1 26	18 42	4 51	23 10	23 12	4 8	12 36	6 38
T 12	21 46	20 24	1 21	15 58	0 37	22 2	0 42	22 49	0 51	11 47	0 45	17 48	0 20	1 35	0 47	9 11	1 26	18 42	4 51	23 10	23 12	4 10	12 34	6 37
W13	21 38	16 57	2 26	15 35	0 51	21 52	0 44	22 43	0 51	11 49	0 46	17 46	0 20	1 35	0 47	9 12	1 27	18 41	4 51	23 10	23 12	4 13	12 33	6 37
T 14	21 29	12 49	3 23	15 13	1 6	21 40	0 46	22 38	0 52	11 50	0 46	17 44	0 20	1 35	0 47	9 12	1 27	18 41	4 51	23 10	23 12	4 16	12 32	6 37
F 15	21 20	8 14	4 10	14 51	1 21	21 29	0 48	22 32	0 52	11 52	0 46	17 42	0 21	1 35	0 47	9 12	1 27	18 40	4 51	23 10	23 12	4 18	12 30	6 37
S 16	21 10	3 24	4 44	14 30	1 36	21 16	0 50	22 26	0 52	11 54	0 46	17 40	0 21	1 35	0 47	9 12	1 27	18 40	4 51	23 10	23 12	4 21	12 29	6 37
S 17	21 0	1s30	5 6	14 11	1 52	21 3	0 52	22 20	0 53	11 56	0 46	17 38	0 21	1 34	0 47	9 12	1 27	18 39	4 51	23 11	23 12	4 24	12 28	6 37
M18	20 49	6 18	5 14	13 52	2 7	20 50	0 54	22 14	0 53	11 58	0 47	17 36	0 21	1 34	0 47	9 12	1 27	18 39	4 51	23 11	23 13	4 27	12 26	6 37
T 19	20 39	10 53	5 10	13 35	2 23	20 36	0 56	22 8	0 53	12 0	0 47	17 34	0 21	1 34	0 47	9 12	1 27	18 38	4 51	23 11	23 13	4 29	12 25	6 36
W20	20 27	15 5	4 51	13 20	2 39	20 21	0 57	22 1	0 54	12 2	0 47	17 32	0 21	1 34	0 47	9 12	1 27	18 38	4 51	23 11	23 13	4 32	12 24	6 36
T 21	20 16	18 44	4 20	13 5	2 54	20 5	0 59	21 54	0 54	12 4	0 47	17 30	0 21	1 34	0 47	9 13	1 27	18 37	4 51	23 11	23 13	4 35	12 22	6 36
F 22	20 4	21 38	3 36	12 53	3 9	19 49	1 1	21 47	0 55	12 6	0 47	17 28	0 21	1 33	0 47	9 13	1 27	18 37	4 51	23 11	23 13	4 38	12 21	6 36
S 23	19 52	23 34	2 41	12 42	3 24	19 33	1 3	21 40	0 55	12 8	0 48	17 26	0 21	1 33	0 47	9 13	1 27	18 36	4 51	23 11	23 13	4 40	12 19	6 36
S 24	19 40	24 19	1 36	12 33	3 39	19 16	1 4	21 33	0 55	12 11	0 48	17 24	0 21	1 33	0 47	9 13	1 27	18 36	4 51	23 11	23 13	4 43	12 18	6 36
M25	19 27	23 41	0 24	12 25	3 52	18 58	1 6	21 25	0 56	12 13	0 48	17 22	0 21	1 33	0 47	9 13	1 27	18 35	4 51	23 11	23 13	4 46	12 17	6 36
T 26	19 14	21 38	0n51	12 20	4 5	18 40	1 7	21 18	0 56	12 15	0 48	17 20	0 21	1 32	0 47	9 13	1 27	18 35	4 51	23 11	23 13	4 48	12 15	6 36
W27	19 0	18 13	2 5	12 16	4 17	18 22	1 9	21 10	0 56	12 18	0 48	17 18	0 21	1 32	0 47	9 13	1 27	18 34	4 51	23 11	23 14	4 51	12 14	6 36
T 28	18 47	13 38	3 13	12 14	4 28	18 3	1 10	21 2	0 57	12 20	0 49	17 16	0 22	1 32	0 47	9 13	1 27	18 34	4 51	23 11	23 14	4 54	12 12	6 36
F 29	18 33	8 11	4 8	12 15	4 38	17 43	1 12	20 54	0 57	12 22	0 49	17 14	0 22	1 31	0 47	9 13	1 27	18 33	4 51	23 11	23 14	4 57	12 11	6 36
S 30	18 18	2 16	4 48	12 16	4 46	17 23	1 13	20 46	0 57	12 25	0 49	17 12	0 22	1 31	0 47	9 13	1 27	18 33	4 51	23 11	23 14	4 59	12 9	6 36
S 31	18n 4	3n46	5n 9	12n20	4s53	17n 2	1n14	20n37	0n58	12s27	0s49	17n10	0n22	1n31	0s47	9n13	1s28	18n32	4n51	23s11	23s14	5s 2	12n 8	6s36

Julian Day Number = 2883807.5, Delta T = 01h16m34s
Ecliptic obliquity = 23°17'11, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°18'53, Lahiri = 40°25'53

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ASTRODIENST EPHEMERIS for the year 3183
geocentric

AUGUST 3183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 38 1	9♌18'38	12♈11	11°R32	17♌31	2♌14	29°R 4	13♌ 6	5°R39	27°R39	22♌27	5°R 5	3♉46	0♎54	6♌37	M 1
T 2	20 41 58	10°15'53	26°34	10♌53	18°45	2°54	28♒57	13°14	5♈38	27♈39	22°28	5♉ 3	3°43	1° 1	6°44	T 2
W 3	20 45 54	11°13'09	10♉40	10°14	19°59	3°34	28°50	13°22	5°37	27°39	22°30	5°D 2	3°40	1° 8	6°50	W 3
T 4	20 49 51	12°10'26	24°28	9°35	21°13	4°14	28°43	13°29	5°36	27°39	22°32	5° 3	3°37	1°15	6°56	T 4
F 5	20 53 47	13° 7'44	7♊59	8°59	22°27	4°53	28°36	13°37	5°34	27°39	22°34	5° 4	3°34	1°21	7° 3	F 5
S 6	20 57 44	14° 5'02	21°13	8°24	23°40	5°33	28°28	13°45	5°33	27°39	22°35	5° 6	3°30	1°28	7° 9	S 6
S 7	21 1 41	15° 2'21	4♋12	7°53	24°54	6°13	28°21	13°53	5°32	27°39	22°37	5°R 6	3°27	1°35	7°16	S 7
M 8	21 5 37	15°59'40	16°58	7°25	26° 8	6°52	28°14	14° 1	5°31	27°38	22°39	5° 6	3°24	1°41	7°22	M 8
T 9	21 9 34	16°56'59	29°33	7° 1	27°22	7°32	28° 6	14° 8	5°29	27°38	22°40	5° 3	3°21	1°48	7°28	T 9
W10	21 13 30	17°54'20	11♌57	6°41	28°36	8°12	27°59	14°16	5°28	27°38	22°42	4°58	3°18	1°55	7°35	W10
T 11	21 17 27	18°51'40	24°12	6°26	29°49	8°51	27°51	14°24	5°27	27°38	22°44	4°52	3°15	2° 2	7°41	T 11
F 12	21 21 23	19°49'01	6♍19	6°17	1♍ 3	9°31	27°43	14°32	5°25	27°37	22°45	4°44	3°11	2° 8	7°48	F 12
S 13	21 25 20	20°46'23	18°18	6°D13	2°17	10°10	27°36	14°39	5°24	27°37	22°47	4°36	3° 8	2°15	7°54	S 13
S 14	21 29 16	21°43'45	0♎13	6°15	3°31	10°50	27°28	14°47	5°22	27°36	22°49	4°27	3° 5	2°22	8° 0	S 14
M15	21 33 13	22°41'07	12° 5	6°22	4°45	11°29	27°20	14°55	5°21	27°36	22°51	4°20	3° 2	2°28	8° 7	M15
T 16	21 37 9	23°38'30	23°56	6°36	5°58	12° 8	27°13	15° 3	5°19	27°35	22°52	4°14	2°59	2°35	8°13	T 16
W17	21 41 6	24°35'54	5♏52	6°55	7°12	12°48	27° 5	15°10	5°18	27°35	22°54	4°10	2°55	2°42	8°19	W17
T 18	21 45 3	25°33'18	17°55	7°21	8°26	13°27	26°57	15°18	5°16	27°34	22°56	4° 8	2°52	2°49	8°25	T 18
F 19	21 48 59	26°30'42	0♐11	7°53	9°40	14° 6	26°49	15°26	5°14	27°34	22°58	4°D 8	2°49	2°55	8°32	F 19
S 20	21 52 56	27°28'07	12°45	8°32	10°54	14°45	26°41	15°33	5°13	27°33	22°59	4° 8	2°46	3° 2	8°38	S 20
S 21	21 56 52	28°25'32	25°40	9°16	12° 7	15°25	26°34	15°41	5°11	27°33	23° 1	4° 9	2°43	3° 9	8°44	S 21
M22	22 0 49	29°22'58	9♑ 2	10° 6	13°21	16° 4	26°26	15°49	5° 9	27°32	23° 3	4°R 9	2°40	3°16	8°50	M22
T 23	22 4 45	0♍20'24	22°51	11° 3	14°35	16°43	26°18	15°56	5° 7	27°31	23° 4	4° 8	2°36	3°22	8°56	T 23
W24	22 8 42	1°17'52	7♒ 9	12° 5	15°49	17°22	26°10	16° 4	5° 5	27°30	23° 6	4° 4	2°33	3°29	9° 3	W24
T 25	22 12 38	2°15'19	21°51	13°13	17° 2	18° 1	26° 3	16°11	5° 4	27°30	23° 8	3°58	2°30	3°36	9° 9	T 25
F 26	22 16 35	3°12'48	6♓51	14°26	18°16	18°40	25°55	16°19	5° 2	27°29	23°10	3°51	2°27	3°42	9°15	F 26
S 27	22 20 32	4°10'17	22° 0	15°45	19°30	19°19	25°47	16°26	5° 0	27°28	23°11	3°42	2°24	3°49	9°21	S 27
S 28	22 24 28	5° 7'48	7♈ 8	17° 9	20°44	19°58	25°40	16°34	4°58	27°27	23°13	3°33	2°21	3°56	9°27	S 28
M29	22 28 25	6° 5'20	22° 4	18°38	21°57	20°37	25°32	16°41	4°56	27°26	23°15	3°26	2°17	4° 3	9°33	M29
T 30	22 32 21	7° 2'53	6♉42	20°12	23°11	21°16	25°25	16°49	4°54	27°25	23°16	3°20	2°14	4° 9	9°39	T 30
W31	22 36 18	8♍ 0'27	20♉57	21♌49	24♍25	21♌55	25♒17	16♌56	4♈52	27♈25	23♌18	3♉17	2♉11	4♎16	9♌45	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
M 1	17n49	9n32	5n 9	12n25	4s59	16n41	1n16	20n29	0n58	12s30	0s49	17n 8	0n22	1n30	0s47	9n13	1s28	18n32	4n51	23s11	23s14	5s 5	12n 6	6s36
T 2	17 33	14 41	4 50	12 32	5 2	16 20	1 17	20 20	0 58	12 32	0 50	17 5	0 22	1 30	0 47	9 13	1 28	18 31	4 51	23 11	23 14	5 7	12 5	6 36
W 3	17 18	18 56	4 14	12 40	5 5	15 58	1 18	20 11	0 59	12 35	0 50	17 3	0 22	1 29	0 47	9 12	1 28	18 31	4 51	23 11	23 14	5 10	12 3	6 36
T 4	17 2	22 3	3 23	12 50	5 5	15 35	1 19	20 2	0 59	12 38	0 50	17 1	0 22	1 29	0 48	9 12	1 28	18 30	4 51	23 11	23 14	5 13	12 1	6 36
F 5	16 46	23 50	2 22	13 1	5 4	15 12	1 20	19 53	0 59	12 40	0 50	16 59	0 22	1 28	0 48	9 12	1 28	18 30	4 51	23 11	23 14	5 15	12 0	6 36
S 6	16 30	24 14	1 15	13 12	5 0	14 49	1 21	19 44	1 0	12 43	0 50	16 57	0 22	1 28	0 48	9 12	1 28	18 29	4 51	23 11	23 14	5 18	11 58	6 36
S 7	16 13	23 18	0 5	13 25	4 56	14 26	1 22	19 34	1 0	12 46	0 50	16 55	0 22	1 27	0 48	9 12	1 28	18 28	4 51	23 11	23 14	5 21	11 57	6 36
M 8	15 56	21 10	1s 4	13 38	4 49	14 2	1 23	19 25	1 0	12 48	0 51	16 53	0 22	1 27	0 48	9 12	1 28	18 28	4 51	23 11	23 15	5 23	11 55	6 36
T 9	15 39	18 1	2 9	13 51	4 42	13 37	1 24	19 15	1 1	12 51	0 51	16 50	0 23	1 26	0 48	9 12	1 28	18 27	4 51	23 11	23 15	5 26	11 53	6 36
W10	15 22	14 7	3 6	14 5	4 33	13 13	1 24	19 5	1 1	12 54	0 51	16 48	0 23	1 26	0 48	9 12	1 28	18 27	4 51	23 12	23 15	5 29	11 52	6 36
T 11	15 4	9 41	3 54	14 18	4 22	12 47	1 25	18 55	1 1	12 57	0 51	16 46	0 23	1 25	0 48	9 11	1 28	18 26	4 51	23 12	23 15	5 32	11 50	6 36
F 12	14 47	4 56	4 31	14 32	4 11	12 22	1 26	18 45	1 2	12 59	0 51	16 44	0 23	1 25	0 48	9 11	1 28	18 26	4 52	23 12	23 15	5 34	11 48	6 36
S 13	14 29	0 4	4 55	14 45	3 58	11 56	1 26	18 35	1 2	13 2	0 51	16 42	0 23	1 24	0 48	9 11	1 28	18 25	4 52	23 12	23 15	5 37	11 47	6 37
S 14	14 10	4s46	5 6	14 58	3 45	11 30	1 27	18 24	1 2	13 5	0 51	16 40	0 23	1 23	0 48	9 11	1 28	18 25	4 52	23 13	23 15	5 40	11 45	6 37
M15	13 52	9 25	5 4	15 9	3 31	11 4	1 27	18 14	1 2	13 8	0 52	16 38	0 23	1 23	0 48	9 11	1 28	18 24	4 52	23 13	23 15	5 42	11 43	6 37
T 16	13 33	13 43	4 49	15 21	3 16	10 37	1 27	18 3	1 3	13 10	0 52	16 35	0 23	1 22	0 48	9 10	1 28	18 24	4 52	23 13	23 15	5 45	11 42	6 37
W17	13 14	17 30	4 22	15 30	3 1	10 10	1 28	17 52	1 3	13 13	0 52	16 33	0 23	1 21	0 48	9 10	1 28	18 23	4 52	23 13	23 15	5 48	11 40	6 37
T 18	12 55	20 37	3 42	15 39	2 45	9 43	1 28	17 41	1 3	13 16	0 52	16 31	0 23	1 21	0 48	9 10	1 28	18 23	4 52	23 13	23 15	5 50	11 38	6 37
F 19	12 36	22 52	2 52	15 47	2 29	9 15	1 28	17 30	1 4	13 19	0 52	16 29	0 23	1 20	0 48	9 10	1 29	18 22	4 52	23 13	23 15	5 53	11 37	6 37
S 20	12 16	24 2	1 52	15 53	2 13	8 48	1 28	17 19	1 4	13 21	0 52	16 27	0 23	1 19	0 48	9 9	1 29	18 22	4 52	23 13	23 15	5 55	11 35	6 37
S 21	11 57	23 58	0 45	15 57	1 57	8 20	1 28	17 8	1 4	13 24	0 52	16 25	0 24	1 19	0 48	9 9	1 29	18 21	4 52	23 13	23 16	5 58	11 33	6 38
M22	11 37	22 33	0n26	15 59	1 41	7 52	1 28	16 57	1 4	13 27	0 52	16 22	0 24	1 18	0 48	9 9	1 29	18 21	4 52	23 13	23 16	6 1	11 32	6 38
T 23	11 17	19 45	1 38	15 59	1 25	7 23	1 28	16 45	1 5	13 30	0 53	16 20	0 24	1 17	0 48	9 9	1 29	18 20	4 52	23 13	23 16	6 3	11 30	6 38
W24	10 57	15 41	2 47	15 58	1 9	6 55	1 28	16 34	1 5	13 32	0 53	16 18	0 24	1 16	0 48	9 8	1 29	18 20	4 52	23 13	23 16	6 6	11 28	6 38
T 25	10 36	10 34	3 46	15 53	0 53	6 26	1 27	16 22	1 5	13 35	0 53	16 16	0 24	1 16	0 48	9 8	1 29	18 19	4 52	23 14	23 16	6 9	11 26	6 38
F 26	10 16	4 44	4 31	15 47	0 38	5 57	1 27	16 10	1 5	13 38	0 53	16 14	0 24	1 15	0 48	9 8	1 29	18 19	4 53	23 14	23 16	6 11	11 25	6 39
S 27	9 55	1n25	4 58	15 38	0 24	5 28	1 27	15 59	1 6	13 40	0 53	16 12	0 24	1 14	0 48	9 7	1 29	18 18	4 53	23 14	23 16	6 14	11 23	6 39
S 28	9 34	7 27	5 3	15 27	0 10	4 59	1 26	15 47	1 6	13 43	0 53	16 9	0 24	1 13	0 48	9 7	1 29	18 18	4 53	23 14	23 16	6 17	11 21	6 39
M29	9 13	13 0	4 48	15 12	0n 4	4 29	1 26	15 35	1 6	13 46	0 53	16 7	0 24	1 13	0 48	9 7	1 29	18 18	4 53	23 15	23 16	6 19	11 19	6 39
T 30	8 52	17 40	4 14	14 55	0 17	4 0	1 25	15 22	1 7	13 48	0 53	16 5	0 24	1 12	0 48	9 6	1 29	18 17	4 53	23 15	23 16	6 22	11 18	6 39
W31	8n31	21n11	3n25	14n36	0n29	3n30	1n24	15n10	1n 7	13s51	0s53	16n 3	0n25	1n11	0s48	9n 6	1s29	18n17	4n53	23s15	23s16	6s25	11n16	6s40

Julian Day Number = 2883838.5, Delta T = 01h16m35s
Ecliptic obliquity = 23°17'11, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°18'57, Lahiri = 40°25'58

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ASTRODIENST EPHEMERIS for the year 3183
geocentric

SEPTEMBER 3183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 40 14	8♍58'03	4♊46	23♌31	25♍39	22♌33	25°R10	17♌ 4	4°R50	27°R24	23♌20	3°D16	2♑ 8	4♎23	9♌51	T 1
F 2	22 44 11	9°55'41	18°12	25°17	26°52	23°12	25♒ 2	17°11	4♈48	27♈23	23°21	3♑16	2° 5	4°29	9°57	F 2
S 3	22 48 7	10°53'20	1♋16	27° 5	28° 6	23°51	24°55	17°19	4°45	27°22	23°23	3°R16	2° 1	4°36	10° 3	S 3
S 4	22 52 4	11°51'00	14° 3	28°57	29°20	24°30	24°48	17°26	4°43	27°21	23°25	3°16	1°58	4°43	10° 9	S 4
M 5	22 56 1	12°48'41	26°34	0♍51	0♎34	25° 8	24°41	17°33	4°41	27°20	23°26	3°13	1°55	4°50	10°14	M 5
T 6	22 59 57	13°46'24	8♌54	2°47	1°47	25°47	24°34	17°40	4°39	27°18	23°28	3° 9	1°52	4°56	10°20	T 6
W 7	23 3 54	14°44'09	21° 5	4°44	3° 1	26°26	24°27	17°48	4°37	27°17	23°30	3° 1	1°49	5° 3	10°26	W 7
T 8	23 7 50	15°41'54	3♍ 9	6°43	4°15	27° 4	24°20	17°55	4°35	27°16	23°31	2°51	1°46	5°10	10°32	T 8
F 9	23 11 47	16°39'41	15° 8	8°43	5°28	27°43	24°13	18° 2	4°32	27°15	23°33	2°38	1°42	5°17	10°37	F 9
S 10	23 15 43	17°37'29	27° 3	10°43	6°42	28°22	24° 7	18° 9	4°30	27°14	23°34	2°25	1°39	5°23	10°43	S 10
S 11	23 19 40	18°35'19	8♎55	12°43	7°56	29° 0	24° 0	18°16	4°28	27°13	23°36	2°12	1°36	5°30	10°48	S 11
M12	23 23 36	19°33'10	20°46	14°43	9° 9	29°39	23°54	18°23	4°26	27°11	23°38	1°59	1°33	5°37	10°54	M12
T 13	23 27 33	20°31'02	2♏38	16°44	10°23	0♍17	23°48	18°30	4°23	27°10	23°39	1°49	1°30	5°43	11° 0	T 13
W14	23 31 30	21°28'55	14°34	18°43	11°37	0°56	23°42	18°37	4°21	27° 9	23°41	1°42	1°26	5°50	11° 5	W14
T 15	23 35 26	22°26'50	26°37	20°42	12°50	1°34	23°36	18°44	4°19	27° 8	23°42	1°37	1°23	5°57	11°10	T 15
F 16	23 39 23	23°24'46	8♐51	22°41	14° 4	2°13	23°30	18°51	4°16	27° 6	23°44	1°35	1°20	6° 4	11°16	F 16
S 17	23 43 19	24°22'43	21°21	24°38	15°18	2°51	23°24	18°58	4°14	27° 5	23°45	1°34	1°17	6°10	11°21	S 17
S 18	23 47 16	25°20'41	4♑12	26°34	16°31	3°29	23°19	19° 5	4°12	27° 4	23°47	1°34	1°14	6°17	11°26	S 18
M19	23 51 12	26°18'41	17°27	28°30	17°45	4° 8	23°13	19°12	4° 9	27° 2	23°48	1°33	1°11	6°24	11°32	M19
T 20	23 55 9	27°16'42	1♒11	0♎24	18°58	4°46	23° 8	19°18	4° 7	27° 1	23°50	1°31	1° 7	6°31	11°37	T 20
W21	23 59 5	28°14'44	15°25	2°17	20°12	5°24	23° 3	19°25	4° 4	27° 0	23°51	1°26	1° 4	6°37	11°42	W21
T 22	0 3 2	29°12'47	0♓ 7	4° 9	21°26	6° 2	22°58	19°32	4° 2	26°58	23°53	1°19	1° 1	6°44	11°47	T 22
F 23	0 6 59	0♎10'52	15°11	6° 0	22°39	6°40	22°53	19°38	4° 0	26°57	23°54	1°10	0°58	6°51	11°52	F 23
S 24	0 10 55	1° 8'58	0♈29	7°49	23°53	7°19	22°49	19°45	3°57	26°55	23°56	0°59	0°55	6°57	11°57	S 24
S 25	0 14 52	2° 7'06	15°50	9°37	25° 6	7°57	22°44	19°51	3°55	26°54	23°57	0°48	0°52	7° 4	12° 2	S 25
M26	0 18 48	3° 5'15	1♉ 1	11°24	26°20	8°35	22°40	19°57	3°53	26°52	23°58	0°38	0°48	7°11	12° 7	M26
T 27	0 22 45	4° 3'27	15°53	13°10	27°33	9°13	22°36	20° 4	3°50	26°51	24° 0	0°31	0°45	7°18	12°12	T 27
W28	0 26 41	5° 1'40	0♊20	14°55	28°47	9°51	22°32	20°10	3°48	26°49	24° 1	0°26	0°42	7°24	12°16	W28
T 29	0 30 38	5°59'56	14°18	16°39	0♏ 0	10°29	22°28	20°16	3°45	26°48	24° 3	0°24	0°39	7°31	12°21	T 29
F 30	0 34 34	6♎58'13	27♊48	18♎21	1♏14	11♍ 7	22♒24	20♌22	3♈43	26♈46	24♌ 4	0°D23	0♑36	7♎38	12♌26	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n 9	23n20	2n26	14n13	0n40	3n 0	1n24	14n58	1n 7	13s53	0s53	16n 1	0n25	1n10	0s48	9n 6	1s29	18n16	4n53	23s15	23s16	6s27	11n14	6s40
F 2	7 48	24 5	1 19	13 48	0 50	2 30	1 23	14 45	1 7	13 56	0 53	15 59	0 25	1 9	0 48	9 5	1 29	18 16	4 53	23 15	23 16	6 30	11 12	6 40
S 3	7 26	23 27	0 11	13 21	1 0	2 0	1 22	14 33	1 7	13 58	0 53	15 57	0 25	1 8	0 48	9 5	1 29	18 15	4 53	23 15	23 16	6 32	11 11	6 40
S 4	7 4	21 36	0s57	12 50	1 9	1 30	1 21	14 20	1 8	14 1	0 53	15 54	0 25	1 8	0 48	9 4	1 29	18 15	4 53	23 15	23 16	6 35	11 9	6 41
M 5	6 43	18 44	2 0	12 18	1 16	1 0	1 20	14 8	1 8	14 3	0 54	15 52	0 25	1 7	0 48	9 4	1 29	18 14	4 54	23 15	23 16	6 38	11 7	6 41
T 6	6 21	15 4	2 57	11 43	1 23	0 30	1 19	13 55	1 8	14 6	0 54	15 50	0 25	1 6	0 48	9 3	1 29	18 14	4 54	23 15	23 16	6 40	11 5	6 41
W 7	5 58	10 50	3 45	11 6	1 29	0 0	1 18	13 42	1 8	14 8	0 54	15 48	0 25	1 5	0 48	9 3	1 29	18 13	4 54	23 15	23 16	6 43	11 3	6 42
T 8	5 36	6 13	4 22	10 27	1 34	0s30	1 17	13 29	1 9	14 10	0 54	15 46	0 25	1 4	0 48	9 3	1 29	18 13	4 54	23 15	23 16	6 45	11 2	6 42
F 9	5 14	1 24	4 47	9 46	1 38	1 0	1 15	13 16	1 9	14 12	0 54	15 44	0 25	1 3	0 48	9 2	1 29	18 13	4 54	23 16	23 17	6 48	11 0	6 42
S 10	4 52	3s25	4 59	9 4	1 41	1 30	1 14	13 3	1 9	14 15	0 54	15 42	0 26	1 2	0 48	9 2	1 29	18 12	4 54	23 16	23 17	6 51	10 58	6 43
S 11	4 29	8 5	4 58	8 20	1 43	2 1	1 13	12 50	1 9	14 17	0 54	15 40	0 26	1 1	0 48	9 1	1 30	18 12	4 54	23 16	23 17	6 53	10 56	6 43
M12	4 7	12 27	4 45	7 35	1 45	2 31	1 11	12 37	1 9	14 19	0 54	15 38	0 26	1 0	0 48	9 1	1 30	18 11	4 54	23 16	23 17	6 56	10 55	6 43
T 13	3 44	16 21	4 19	6 50	1 45	3 1	1 10	12 23	1 10	14 21	0 54	15 36	0 26	1 0	0 48	9 0	1 30	18 11	4 55	23 16	23 17	6 58	10 53	6 44
W14	3 21	19 38	3 41	6 3	1 45	3 31	1 8	12 10	1 10	14 23	0 54	15 34	0 26	0 59	0 48	9 0	1 30	18 11	4 55	23 17	23 17	7 1	10 51	6 44
T 15	2 59	22 5	2 53	5 16	1 45	4 1	1 7	11 56	1 10	14 25	0 54	15 32	0 26	0 58	0 48	8 59	1 30	18 10	4 55	23 17	23 17	7 4	10 49	6 44
F 16	2 36	23 34	1 57	4 28	1 43	4 31	1 5	11 43	1 10	14 27	0 54	15 30	0 26	0 57	0 48	8 59	1 30	18 10	4 55	23 17	23 17	7 6	10 48	6 45
S 17	2 13	23 54	0 54	3 40	1 41	5 1	1 3	11 29	1 11	14 29	0 54	15 28	0 26	0 56	0 48	8 58	1 30	18 9	4 55	23 17	23 17	7 9	10 46	6 45
S 18	1 50	22 59	0n14	2 52	1 39	5 31	1 1	11 16	1 11	14 31	0 54	15 26	0 26	0 55	0 48	8 58	1 30	18 9	4 55	23 17	23 17	7 11	10 44	6 45
M19	1 27	20 47	1 23	2 4	1 36	6 0	0 59	11 2	1 11	14 32	0 54	15 24	0 27	0 54	0 48	8 57	1 30	18 9	4 55	23 17	23 17	7 14	10 42	6 46
T 20	1 5	17 20	2 30	1 15	1 32	6 30	0 58	10 48	1 11	14 34	0 54	15 22	0 27	0 53	0 48	8 57	1 30	18 8	4 55	23 17	23 17	7 17	10 40	6 46
W21	0 42	12 46	3 29	0 27	1 28	6 59	0 56	10 35	1 11	14 36	0 54	15 20	0 27	0 52	0 48	8 56	1 30	18 8	4 56	23 17	23 17	7 19	10 39	6 47
T 22	0 19	7 20	4 17	0s21	1 24	7 28	0 54	10 21	1 11	14 37	0 54	15 18	0 27	0 51	0 48	8 56	1 30	18 8	4 56	23 17	23 17	7 22	10 37	6 47
F 23	0s 4	1 21	4 49	1 9	1 19	7 58	0 51	10 7	1 12	14 39	0 54	15 16	0 27	0 50	0 48	8 55	1 30	18 7	4 56	23 17	23 17	7 24	10 35	6 47
S 24	0 27	4n47	5 0	1 57	1 14	8 27	0 49	9 53	1 12	14 40	0 54	15 14	0 27	0 49	0 48	8 55	1 30	18 7	4 56	23 17	23 17	7 27	10 34	6 48
S 25	0 50	10 39	4 50	2 44	1 8	8 55	0 47	9 39	1 12	14 42	0 54	15 12	0 27	0 48	0 48	8 54	1 30	18 7	4 56	23 17	23 17	7 29	10 32	6 48
M26	1 13	15 48	4 20	3 31	1 3	9 24	0 45	9 25	1 12	14 43	0 54	15 10	0 27	0 47	0 48	8 54	1 30	18 6	4 56	23 17	23 17	7 32	10 30	6 49
T 27	1 36	19 52	3 32	4 18	0 57	9 52	0 43	9 11	1 12	14 45	0 54	15 8	0 27	0 46	0 48	8 53	1 30	18 6	4 56	23 17	23 17	7 35	10 28	6 49
W28	1 59	22 34	2 32	5 4	0 50	10 21	0 40	8 57	1 13	14 46	0 54	15 6	0 28	0 46	0 48	8 52	1 30	18 6	4 57	23 17	23 17	7 37	10 27	6 50
T 29	2 22	23 46	1 24	5 50	0 44	10 48	0 38	8 43	1 13	14 47	0 54	15 4	0 28	0 45	0 48	8 52	1 30	18 5	4 57	23 17	23 17	7 40	10 25	6 50
F 30	2s45	23n30	0n14	6s35	0n37	11s16	0n36	8n29	1n13	14s48	0s54	15n 3	0n28	0n44	0s48	8n51	1s30	18n 5	4n57	23s17	23s17	7s42	10n23	6s50

Julian Day Number = 2883869.5, Delta T = 01h16m35s
Ecliptic obliquity = 23°17'11, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°19'01, Lahiri = 40°26'02

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ASTRODIENST EPHEMERIS for the year 3183
geocentric

OCTOBER 3183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 38 31	7♎56'33	10♋52	20♎ 2	2♏27	11♍45	22°R21	20♌29	3°R41	26°R45	24♌ 5	0°R23	0♑32	7♎44	12♌30	S 1
S 2	0 42 27	8°54'54	23°35	21°43	3°41	12°23	22♒18	20°35	3♈38	26♈43	24° 7	0♑23	0°29	7°51	12°35	S 2
M 3	0 46 24	9°53'18	6♌ 0	23°22	4°54	13° 1	22°15	20°41	3°36	26°42	24° 8	0°20	0°26	7°58	12°39	M 3
T 4	0 50 21	10°51'43	18°12	25° 0	6° 8	13°39	22°12	20°47	3°33	26°40	24° 9	0°16	0°23	8° 5	12°44	T 4
W 5	0 54 17	11°50'11	0♍15	26°37	7°21	14°17	22° 9	20°52	3°31	26°38	24°10	0° 8	0°20	8°11	12°48	W 5
T 6	0 58 14	12°48'40	12°12	28°13	8°34	14°55	22° 7	20°58	3°29	26°37	24°12	29♐57	0°17	8°18	12°52	T 6
F 7	1 2 10	13°47'11	24° 6	29°48	9°48	15°33	22° 4	21° 4	3°26	26°35	24°13	29°45	0°13	8°25	12°57	F 7
S 8	1 6 7	14°45'45	5♏58	1♏21	11° 1	16°10	22° 2	21°10	3°24	26°34	24°14	29°31	0°10	8°31	13° 1	S 8
S 9	1 10 3	15°44'20	17°50	2°54	12°15	16°48	22° 0	21°15	3°22	26°32	24°15	29°18	0° 7	8°38	13° 5	S 9
M10	1 14 0	16°42'57	29°43	4°26	13°28	17°26	21°59	21°21	3°19	26°30	24°16	29° 5	0° 4	8°45	13° 9	M10
T 11	1 17 56	17°41'36	11♏39	5°57	14°41	18° 4	21°57	21°26	3°17	26°29	24°17	28°55	0° 1	8°52	13°13	T 11
W12	1 21 53	18°40'16	23°40	7°27	15°55	18°41	21°56	21°32	3°15	26°27	24°19	28°47	29♐58	8°58	13°17	W12
T 13	1 25 50	19°38'59	5♐48	8°56	17° 8	19°19	21°55	21°37	3°12	26°25	24°20	28°42	29°54	9° 5	13°20	T 13
F 14	1 29 46	20°37'43	18° 6	10°23	18°21	19°57	21°54	21°42	3°10	26°24	24°21	28°40	29°51	9°12	13°24	F 14
S 15	1 33 43	21°36'29	0♑38	11°50	19°35	20°34	21°53	21°47	3° 8	26°22	24°22	28°D39	29°48	9°19	13°28	S 15
S 16	1 37 39	22°35'16	13°27	13°16	20°48	21°12	21°52	21°52	3° 6	26°20	24°23	28°40	29°45	9°25	13°31	S 16
M17	1 41 36	23°34'06	26°38	14°41	22° 1	21°49	21°52	21°57	3° 4	26°19	24°24	28°R40	29°42	9°32	13°35	M17
T 18	1 45 32	24°32'56	10♒14	16° 4	23°14	22°27	21°D52	22° 2	3° 1	26°17	24°25	28°39	29°38	9°39	13°38	T 18
W19	1 49 29	25°31'49	24°17	17°27	24°28	23° 4	21°52	22° 7	2°59	26°15	24°26	28°35	29°35	9°45	13°42	W19
T 20	1 53 25	26°30'43	8♓46	18°48	25°41	23°42	21°52	22°12	2°57	26°14	24°27	28°30	29°32	9°52	13°45	T 20
F 21	1 57 22	27°29'38	23°39	20° 8	26°54	24°19	21°53	22°17	2°55	26°12	24°28	28°22	29°29	9°59	13°48	F 21
S 22	2 1 19	28°28'36	8♈49	21°27	28° 7	24°57	21°53	22°21	2°53	26°10	24°29	28°14	29°26	10° 6	13°51	S 22
S 23	2 5 15	29°27'35	24° 5	22°45	29°20	25°34	21°54	22°26	2°51	26° 9	24°30	28° 5	29°23	10°12	13°54	S 23
M24	2 9 12	0♏26'36	9♉17	24° 2	0♐34	26°11	21°55	22°30	2°49	26° 7	24°30	27°57	29°19	10°19	13°57	M24
T 25	2 13 8	1°25'40	24°14	25°16	1°47	26°49	21°56	22°34	2°47	26° 5	24°31	27°50	29°16	10°26	14° 0	T 25
W26	2 17 5	2°24'45	8♊48	26°30	3° 0	27°26	21°58	22°39	2°45	26° 4	24°32	27°47	29°13	10°32	14° 3	W26
T 27	2 21 1	3°23'53	22°55	27°42	4°13	28° 3	21°59	22°43	2°43	26° 2	24°33	27°D45	29°10	10°39	14° 6	T 27
F 28	2 24 58	4°23'03	6♋32	28°52	5°26	28°41	22° 1	22°47	2°41	26° 1	24°34	27°45	29° 7	10°46	14° 8	F 28
S 29	2 28 54	5°22'15	19°43	29°59	6°39	29°18	22° 3	22°51	2°39	25°59	24°34	27°46	29° 4	10°53	14°11	S 29
S 30	2 32 51	6°21'30	2♌29	1♐ 6	7°52	29°55	22° 5	22°55	2°37	25°57	24°35	27°R47	29° 0	10°59	14°13	S 30
M31	2 36 48	7♏20'46	14♌55	2♐10	9♐ 5	0♎32	22♒ 8	22♌59	2♈35	25♈56	24♌36	27♐47	28♐57	11♎ 6	14♌16	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 8	21n56	0s55	7s19	0n30	11s44	0n33	8n14	1n13	14s49	0s54	15n 1	0n28	0n43	0s48	8n51	1s30	18n 5	4n57	23s17	23s17	7s45	10n22	6s51
S 2	3 31	19 17	1 59	8 3	0 23	12 11	0 31	8 0	1 13	14 50	0 54	14 59	0 28	0 42	0 48	8 50	1 30	18 4	4 57	23 17	23 17	7 47	10 20	6 51
M 3	3 54	15 48	2 56	8 46	0 16	12 38	0 28	7 46	1 13	14 51	0 54	14 57	0 28	0 41	0 48	8 50	1 30	18 4	4 57	23 17	23 17	7 50	10 18	6 52
T 4	4 16	11 43	3 44	9 28	0 9	13 5	0 26	7 31	1 14	14 52	0 54	14 55	0 28	0 40	0 48	8 49	1 30	18 4	4 58	23 17	23 17	7 52	10 17	6 52
W 5	4 39	7 14	4 21	10 10	0 2	13 31	0 23	7 17	1 14	14 53	0 53	14 54	0 28	0 39	0 48	8 48	1 30	18 4	4 58	23 17	23 17	7 55	10 15	6 53
T 6	5 2	2 31	4 46	10 51	0s 6	13 57	0 20	7 3	1 14	14 54	0 53	14 52	0 29	0 38	0 48	8 48	1 30	18 3	4 58	23 17	23 17	7 57	10 13	6 53
F 7	5 24	2s15	4 59	11 32	0 13	14 23	0 18	6 48	1 14	14 54	0 53	14 50	0 29	0 37	0 48	8 47	1 30	18 3	4 58	23 17	23 17	8 0	10 12	6 54
S 8	5 47	6 55	4 58	12 12	0 20	14 48	0 15	6 34	1 14	14 55	0 53	14 49	0 29	0 36	0 48	8 47	1 30	18 3	4 58	23 17	23 17	8 2	10 10	6 54
S 9	6 9	11 21	4 45	12 50	0 28	15 13	0 12	6 19	1 14	14 56	0 53	14 47	0 29	0 35	0 48	8 46	1 30	18 3	4 58	23 17	23 17	8 5	10 8	6 55
M10	6 32	15 21	4 19	13 29	0 36	15 38	0 9	6 5	1 14	14 56	0 53	14 45	0 29	0 34	0 48	8 45	1 30	18 2	4 59	23 17	23 17	8 8	10 7	6 55
T 11	6 54	18 45	3 42	14 6	0 43	16 2	0 7	5 50	1 15	14 56	0 53	14 44	0 29	0 34	0 48	8 45	1 30	18 2	4 59	23 17	23 17	8 10	10 5	6 56
W12	7 16	21 23	2 54	14 42	0 51	16 26	0 4	5 36	1 15	14 57	0 53	14 42	0 29	0 33	0 48	8 44	1 30	18 2	4 59	23 17	23 17	8 13	10 4	6 56
T 13	7 38	23 5	1 58	15 18	0 58	16 50	0 1	5 21	1 15	14 57	0 53	14 41	0 29	0 32	0 48	8 44	1 30	18 2	4 59	23 17	23 17	8 15	10 2	6 57
F 14	8 0	23 41	0 56	15 53	1 6	17 13	0s 2	5 7	1 15	14 57	0 53	14 39	0 30	0 31	0 48	8 43	1 30	18 1	4 59	23 17	23 17	8 18	10 1	6 58
S 15	8 22	23 7	0n11	16 27	1 13	17 35	0 5	4 52	1 15	14 58	0 53	14 37	0 30	0 30	0 48	8 42	1 30	18 1	4 59	23 17	23 17	8 20	9 59	6 58
S 16	8 44	21 19	1 18	17 0	1 20	17 58	0 8	4 37	1 15	14 58	0 53	14 36	0 30	0 29	0 48	8 42	1 30	18 1	5 0	23 17	23 17	8 23	9 58	6 59
M17	9 6	18 21	2 23	17 32	1 28	18 19	0 10	4 23	1 15	14 58	0 53	14 34	0 30	0 28	0 48	8 41	1 30	18 1	5 0	23 17	23 17	8 25	9 56	6 59
T 18	9 27	14 19	3 23	18 3	1 35	18 41	0 13	4 8	1 15	14 58	0 53	14 33	0 30	0 27	0 48	8 41	1 30	18 1	5 0	23 17	23 17	8 28	9 55	7 0
W19	9 49	9 23	4 12	18 34	1 42	19 2	0 16	3 53	1 16	14 58	0 53	14 32	0 30	0 27	0 48	8 40	1 30	18 1	5 0	23 17	23 17	8 30	9 53	7 0
T 20	10 10	3 48	4 46	19 3	1 49	19 22	0 19	3 39	1 16	14 58	0 53	14 30	0 30	0 26	0 48	8 39	1 30	18 0	5 0	23 17	23 17	8 33	9 52	7 1
F 21	10 31	2n 8	5 3	19 31	1 56	19 42	0 22	3 24	1 16	14 57	0 53	14 29	0 31	0 25	0 48	8 39	1 30	18 0	5 1	23 17	23 17	8 35	9 50	7 2
S 22	10 52	8 3	4 59	19 59	2 2	20 1	0 25	3 10	1 16	14 57	0 52	14 27	0 31	0 24	0 48	8 38	1 30	18 0	5 1	23 16	23 17	8 38	9 49	7 2
S 23	11 13	13 31	4 34	20 25	2 9	20 20	0 28	2 55	1 16	14 57	0 52	14 26	0 31	0 23	0 48	8 38	1 30	18 0	5 1	23 16	23 17	8 40	9 47	7 3
M24	11 33	18 7	3 49	20 50	2 15	20 39	0 31	2 40	1 16	14 56	0 52	14 25	0 31	0 23	0 48	8 37	1 30	18 0	5 1	23 16	23 17	8 42	9 46	7 3
T 25	11 54	21 27	2 49	21 15	2 21	20 56	0 34	2 26	1 16	14 56	0 52	14 24	0 31	0 22	0 48	8 36	1 30	18 0	5 1	23 16	23 17	8 45	9 45	7 4
W26	12 14	23 16	1 40	21 38	2 27	21 14	0 37	2 11	1 16	14 55	0 52	14 22	0 31	0 21	0 48	8 36	1 30	18 0	5 2	23 16	23 17	8 47	9 43	7 5
T 27	12 34	23 32	0 26	22 0	2 33	21 30	0 40	1 56	1 16	14 55	0 52	14 21	0 31	0 20	0 48	8 35	1 30	18 0	5 2	23 16	23 17	8 50	9 42	7 5
F 28	12 54	22 21	0s47	22 21	2 38	21 46	0 43	1 42	1 17	14 54	0 52	14 20	0 32	0 20	0 48	8 35	1 30	18 0	5 2	23 16	23 17	8 52	9 41	7 6
S 29	13 14	19 57	1 55	22 41	2 43	22 2	0 46	1 27	1 17	14 53	0 52	14 19	0 32	0 19	0 48	8 34	1 30	18 0	5 2	23 16	23 17	8 55	9 39	7 6
S 30	13 33	16 38	2 56	22 59	2 48	22 17	0 49	1 12	1 17	14 53	0 52	14 18	0 32	0 18	0 48	8 33	1 30	17 59	5 2	23 16	23 17	8 57	9 38	7 7
M31	13s53	12n39	3s46	23s16	2s52	22s31	0s52	0n58	1n17	14s52	0s52	14n16	0n32	0n17	0s48	8n33	1s30	17n59	5n 3	23s16	23s17	9s 0	9n37	7s 8

Julian Day Number = 2883899.5, Delta T = 01h16m36s
Ecliptic obliquity = 23°17'11, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°19'06, Lahiri = 40°26'06

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ASTRODIENST EPHEMERIS for the year 3183
geocentric

NOVEMBER 3183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 40 44	8♏20'05	27♌ 6	3♐12	10♐18	1♎ 9	22♒10	23♌ 2	2°R33	25°R54	24♌36	27°R45	28♐54	11♎13	14♌18	T 1
W 2	2 44 41	9°19'26	9♍ 7	4°11	11°31	1°47	22°13	23° 6	2♈32	25♈52	24°37	27♐41	28°51	11°20	14°20	W 2
T 3	2 48 37	10°18'49	21° 1	5° 7	12°44	2°24	22°16	23°10	2°30	25°51	24°38	27°35	28°48	11°26	14°23	T 3
F 4	2 52 34	11°18'15	2♎53	6° 0	13°57	3° 1	22°19	23°13	2°28	25°49	24°38	27°27	28°44	11°33	14°25	F 4
S 5	2 56 30	12°17'42	14°44	6°50	15°10	3°38	22°23	23°16	2°26	25°48	24°39	27°18	28°41	11°40	14°27	S 5
S 6	3 0 27	13°17'12	26°39	7°36	16°23	4°15	22°26	23°20	2°25	25°46	24°39	27° 9	28°38	11°46	14°28	S 6
M 7	3 4 23	14°16'44	8♏37	8°18	17°36	4°52	22°30	23°23	2°23	25°44	24°40	27° 1	28°35	11°53	14°30	M 7
T 8	3 8 20	15°16'18	20°42	8°55	18°49	5°29	22°34	23°26	2°22	25°43	24°40	26°55	28°32	12° 0	14°32	T 8
W 9	3 12 16	16°15'53	2♐54	9°27	20° 2	6° 6	22°38	23°29	2°20	25°41	24°41	26°50	28°29	12° 7	14°33	W 9
T 10	3 16 13	17°15'31	15°14	9°54	21°14	6°43	22°42	23°32	2°19	25°40	24°41	26°47	28°25	12°13	14°35	T 10
F 11	3 20 10	18°15'11	27°44	10°14	22°27	7°20	22°46	23°34	2°17	25°38	24°42	26°D47	28°22	12°20	14°36	F 11
S 12	3 24 6	19°14'52	10♑27	10°28	23°40	7°56	22°51	23°37	2°16	25°37	24°42	26°47	28°19	12°27	14°38	S 12
S 13	3 28 3	20°14'35	23°24	10°R35	24°53	8°33	22°56	23°40	2°14	25°35	24°42	26°49	28°16	12°33	14°39	S 13
M14	3 31 59	21°14'19	6♒38	10°33	26° 6	9°10	23° 1	23°42	2°13	25°34	24°43	26°50	28°13	12°40	14°40	M14
T 15	3 35 56	22°14'05	20°11	10°24	27°18	9°47	23° 6	23°44	2°12	25°32	24°43	26°R51	28° 9	12°47	14°41	T 15
W16	3 39 52	23°13'53	4♓ 4	10° 5	28°31	10°23	23°11	23°47	2°11	25°31	24°43	26°51	28° 6	12°54	14°42	W16
T 17	3 43 49	24°13'42	18°19	9°38	29°44	11° 0	23°17	23°49	2° 9	25°30	24°44	26°49	28° 3	13° 0	14°43	T 17
F 18	3 47 46	25°13'33	2♈52	9° 1	0♑56	11°37	23°23	23°51	2° 8	25°28	24°44	26°45	28° 0	13° 7	14°44	F 18
S 19	3 51 42	26°13'26	17°40	8°14	2° 9	12°13	23°28	23°53	2° 7	25°27	24°44	26°41	27°57	13°14	14°44	S 19
S 20	3 55 39	27°13'20	2♉35	7°19	3°21	12°50	23°34	23°54	2° 6	25°25	24°44	26°37	27°54	13°20	14°45	S 20
M21	3 59 35	28°13'16	17°30	6°16	4°34	13°26	23°41	23°56	2° 5	25°24	24°44	26°33	27°50	13°27	14°46	M21
T 22	4 3 32	29°13'14	2♊15	5° 6	5°46	14° 3	23°47	23°58	2° 4	25°23	24°44	26°30	27°47	13°34	14°46	T 22
W23	4 7 28	0♐13'13	16°44	3°52	6°59	14°39	23°53	23°59	2° 3	25°21	24°45	26°28	27°44	13°41	14°46	W23
T 24	4 11 25	1°13'15	0♋51	2°33	8°11	15°16	24° 0	24° 1	2° 2	25°20	24°45	26°D28	27°41	13°47	14°46	T 24
F 25	4 15 21	2°13'18	14°33	1°15	9°24	15°52	24° 7	24° 2	2° 1	25°19	24°45	26°29	27°38	13°54	14°47	F 25
S 26	4 19 18	3°13'24	27°49	29♏58	10°36	16°29	24°14	24° 3	2° 1	25°18	24°R45	26°30	27°35	14° 1	14°R47	S 26
S 27	4 23 15	4°13'31	10♌41	28°45	11°48	17° 5	24°21	24° 4	2° 0	25°16	24°45	26°32	27°31	14° 7	14°47	S 27
M28	4 27 11	5°13'41	23°12	27°39	13° 1	17°41	24°28	24° 5	1°59	25°15	24°45	26°33	27°28	14°14	14°46	M28
T 29	4 31 8	6°13'52	5♍27	26°41	14°13	18°18	24°36	24° 6	1°58	25°14	24°45	26°R34	27°25	14°21	14°46	T 29
W30	4 35 4	7♐14'05	17♍29	25♏54	15♑25	18♎54	24♒43	24♌ 6	1♈58	25♈13	24♌44	26♐33	27♐22	14♎28	14♌46	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s12	8n14	4s25	23s32	2s56	22s45	0s54	0n43	1n17	14s51	0s52	14n15	0n32	0n17	0s48	8n32	1s30	17n59	5n 3	23s16	23s17	9s 2	9n35	7s 8
W 2	14 31	3 35	4 52	23 47	2 59	22 58	0 57	0 29	1 17	14 50	0 52	14 14	0 32	0 16	0 48	8 32	1 30	17 59	5 3	23 16	23 17	9 5	9 34	7 9
T 3	14 49	1s 9	5 5	24 0	3 2	23 11	1 0	0 14	1 17	14 49	0 52	14 13	0 32	0 15	0 48	8 31	1 30	17 59	5 3	23 16	23 17	9 7	9 33	7 9
F 4	15 8	5 49	5 6	24 12	3 5	23 22	1 3	0s 1	1 17	14 48	0 52	14 12	0 33	0 15	0 48	8 31	1 30	17 59	5 3	23 16	23 17	9 10	9 32	7 10
S 5	15 26	10 17	4 53	24 23	3 7	23 34	1 6	0 15	1 17	14 47	0 51	14 11	0 33	0 14	0 48	8 30	1 30	17 59	5 4	23 16	23 17	9 12	9 31	7 11
S 6	15 44	14 23	4 28	24 32	3 8	23 44	1 9	0 30	1 17	14 45	0 51	14 10	0 33	0 13	0 48	8 29	1 30	17 59	5 4	23 15	23 17	9 14	9 30	7 11
M 7	16 1	17 56	3 51	24 39	3 8	23 54	1 11	0 44	1 17	14 44	0 51	14 10	0 33	0 13	0 48	8 29	1 30	17 59	5 4	23 15	23 17	9 17	9 28	7 12
T 8	16 19	20 45	3 3	24 45	3 8	24 3	1 14	0 59	1 18	14 43	0 51	14 9	0 33	0 12	0 48	8 28	1 30	17 59	5 4	23 15	23 17	9 19	9 27	7 13
W 9	16 36	22 40	2 6	24 48	3 7	24 12	1 17	1 13	1 18	14 41	0 51	14 8	0 33	0 12	0 48	8 28	1 30	17 59	5 4	23 15	23 17	9 22	9 26	7 13
T 10	16 53	23 30	1 2	24 50	3 5	24 19	1 20	1 27	1 18	14 40	0 51	14 7	0 33	0 11	0 48	8 27	1 30	17 59	5 5	23 15	23 17	9 24	9 25	7 14
F 11	17 9	23 11	0n 5	24 50	3 2	24 26	1 22	1 42	1 18	14 38	0 51	14 6	0 34	0 11	0 48	8 27	1 30	18 0	5 5	23 15	23 17	9 27	9 24	7 15
S 12	17 26	21 39	1 14	24 48	2 58	24 33	1 25	1 56	1 18	14 37	0 51	14 6	0 34	0 10	0 47	8 26	1 30	18 0	5 5	23 15	23 17	9 29	9 23	7 15
S 13	17 42	18 58	2 20	24 44	2 52	24 39	1 27	2 11	1 18	14 35	0 51	14 5	0 34	0 10	0 47	8 26	1 30	18 0	5 5	23 15	23 16	9 31	9 22	7 16
M14	17 57	15 16	3 20	24 37	2 45	24 44	1 30	2 25	1 18	14 34	0 51	14 4	0 34	0 9	0 47	8 25	1 30	18 0	5 5	23 15	23 16	9 34	9 21	7 17
T 15	18 13	10 42	4 11	24 27	2 37	24 48	1 32	2 39	1 18	14 32	0 51	14 4	0 34	0 9	0 47	8 25	1 30	18 0	5 6	23 15	23 16	9 36	9 20	7 17
W16	18 28	5 28	4 48	24 15	2 27	24 51	1 35	2 53	1 18	14 30	0 51	14 3	0 34	0 8	0 47	8 24	1 30	18 0	5 6	23 15	23 16	9 39	9 19	7 18
T 17	18 42	0n 9	5 9	23 59	2 16	24 54	1 37	3 8	1 18	14 28	0 51	14 3	0 35	0 8	0 47	8 24	1 30	18 0	5 6	23 15	23 16	9 41	9 19	7 19
F 18	18 57	5 53	5 11	23 41	2 2	24 57	1 40	3 22	1 18	14 26	0 50	14 2	0 35	0 7	0 47	8 23	1 30	18 0	5 6	23 15	23 16	9 44	9 18	7 19
S 19	19 11	11 23	4 52	23 19	1 48	24 58	1 42	3 36	1 18	14 24	0 50	14 2	0 35	0 7	0 47	8 23	1 30	18 0	5 6	23 15	23 16	9 46	9 17	7 20
S 20	19 25	16 15	4 13	22 54	1 31	24 59	1 44	3 50	1 18	14 22	0 50	14 1	0 35	0 6	0 47	8 22	1 30	18 0	5 7	23 15	23 16	9 48	9 16	7 21
M21	19 38	20 6	3 17	22 25	1 13	24 59	1 46	4 4	1 18	14 20	0 50	14 1	0 35	0 6	0 47	8 22	1 30	18 1	5 7	23 14	23 16	9 51	9 15	7 21
T 22	19 51	22 35	2 9	21 54	0 54	24 58	1 48	4 18	1 18	14 18	0 50	14 0	0 35	0 6	0 47	8 21	1 30	18 1	5 7	23 14	23 16	9 53	9 15	7 22
W23	20 4	23 31	0 53	21 21	0 34	24 56	1 50	4 32	1 18	14 16	0 50	14 0	0 35	0 5	0 47	8 21	1 30	18 1	5 7	23 14	23 16	9 55	9 14	7 22
T 24	20 16	22 53	0s24	20 46	0 14	24 54	1 52	4 46	1 18	14 13	0 50	14 0	0 36	0 5	0 47	8 20	1 30	18 1	5 7	23 14	23 16	9 58	9 13	7 23
F 25	20 28	20 53	1 38	20 10	0n 7	24 51	1 54	5 0	1 18	14 11	0 50	13 59	0 36	0 5	0 47	8 20	1 30	18 1	5 8	23 14	23 16	10 0	9 13	7 24
S 26	20 40	17 47	2 44	19 34	0 27	24 48	1 56	5 14	1 18	14 9	0 50	13 59	0 36	0 4	0 47	8 20	1 30	18 1	5 8	23 14	23 16	10 3	9 12	7 24
S 27	20 51	13 55	3 40	19 0	0 46	24 43	1 58	5 28	1 18	14 6	0 50	13 59	0 36	0 4	0 47	8 19	1 30	18 2	5 8	23 14	23 16	10 5	9 11	7 25
M28	21 2	9 32	4 24	18 28	1 5	24 38	2 0	5 41	1 18	14 4	0 50	13 59	0 36	0 4	0 47	8 19	1 30	18 2	5 8	23 14	23 16	10 7	9 11	7 26
T 29	21 13	4 53	4 54	17 58	1 21	24 33	2 1	5 55	1 18	14 1	0 50	13 59	0 36	0 4	0 47	8 18	1 30	18 2	5 8	23 14	23 16	10 10	9 10	7 26
W30	21s23	0n 8	5s11	17s33	1n36	24s26	2s 3	6s 9	1n18	13s59	0s50	13n59	0n37	0n 4	0s47	8n18	1s30	18n 2	5n 9	23s14	23s16	10s12	9n10	7s27

Julian Day Number = 2883930.5, Delta T = 01h16m37s
Ecliptic obliquity = 23°17'10, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°19'10, Lahiri = 40°26'10

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ASTRODIENST EPHEMERIS for the year 3183
geocentric

DECEMBER 3183 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 39 1	8♐14'20	29♍23	25°R17	16♉37	19♎30	24♒51	24♌ 7	1°R57	25°R12	24°R44	26°R32	27♐19	14♎34	14°R45	T 1
F 2	4 42 57	9°14'37	11♎15	24♏52	17°49	20° 6	24°59	24° 8	1♈57	25♈11	24♌44	26♐30	27°15	14°41	14♌45	F 2
S 3	4 46 54	10°14'56	23° 8	24°39	19° 1	20°43	25° 7	24° 8	1°56	25°10	24°44	26°28	27°12	14°48	14°44	S 3
S 4	4 50 50	11°15'17	5♏ 5	24°D37	20°13	21°19	25°15	24° 8	1°56	25° 9	24°44	26°25	27° 9	14°55	14°43	S 4
M 5	4 54 47	12°15'40	17° 9	24°46	21°25	21°55	25°23	24° 8	1°56	25° 8	24°44	26°23	27° 6	15° 1	14°42	M 5
T 6	4 58 44	13°16'04	29°24	25° 5	22°37	22°31	25°32	24°R 8	1°55	25° 7	24°43	26°21	27° 3	15° 8	14°42	T 6
W 7	5 2 40	14°16'31	11♐49	25°34	23°49	23° 7	25°41	24° 8	1°55	25° 6	24°43	26°20	27° 0	15°15	14°41	W 7
T 8	5 6 37	15°16'58	24°27	26°11	25° 1	23°43	25°49	24° 8	1°55	25° 5	24°43	26°D19	26°56	15°21	14°39	T 8
F 9	5 10 33	16°17'28	7♉17	26°56	26°13	24°19	25°58	24° 8	1°55	25° 4	24°42	26°20	26°53	15°28	14°38	F 9
S 10	5 14 30	17°17'58	20°20	27°48	27°25	24°55	26° 7	24° 7	1°55	25° 3	24°42	26°20	26°50	15°35	14°37	S 10
S 11	5 18 26	18°18'30	3♒37	28°45	28°36	25°30	26°16	24° 7	1°54	25° 2	24°42	26°21	26°47	15°42	14°36	S 11
M12	5 22 23	19°19'03	17° 6	29°47	29°48	26° 6	26°26	24° 6	1°D54	25° 1	24°41	26°22	26°44	15°48	14°34	M12
T 13	5 26 19	20°19'37	0♓48	0♐54	1♒ 0	26°42	26°35	24° 5	1°55	25° 0	24°41	26°22	26°41	15°55	14°33	T 13
W14	5 30 16	21°20'12	14°43	2° 5	2°11	27°18	26°45	24° 4	1°55	25° 0	24°40	26°23	26°37	16° 2	14°31	W14
T 15	5 34 13	22°20'49	28°49	3°19	3°23	27°53	26°54	24° 3	1°55	24°59	24°40	26°R23	26°34	16° 8	14°29	T 15
F 16	5 38 9	23°21'26	13♈ 5	4°36	4°34	28°29	27° 4	24° 2	1°55	24°58	24°39	26°22	26°31	16°15	14°27	F 16
S 17	5 42 6	24°22'05	27°29	5°56	5°45	29° 4	27°14	24° 1	1°55	24°58	24°39	26°22	26°28	16°22	14°25	S 17
S 18	5 46 2	25°22'44	11♉56	7°17	6°56	29°40	27°24	24° 0	1°56	24°57	24°38	26°22	26°25	16°29	14°23	S 18
M19	5 49 59	26°23'25	26°22	8°40	8° 8	0♏15	27°34	23°58	1°56	24°56	24°38	26°D22	26°21	16°35	14°21	M19
T 20	5 53 55	27°24'06	10♊42	10° 5	9°19	0°51	27°44	23°57	1°56	24°56	24°37	26°22	26°18	16°42	14°19	T 20
W21	5 57 52	28°24'49	24°51	11°31	10°30	1°26	27°55	23°55	1°57	24°55	24°36	26°R22	26°15	16°49	14°17	W21
T 22	6 1 48	29°25'33	8♋45	12°58	11°40	2° 2	28° 5	23°53	1°57	24°55	24°36	26°22	26°12	16°55	14°15	T 22
F 23	6 5 45	0♉26'18	22°20	14°26	12°51	2°37	28°16	23°52	1°58	24°54	24°35	26°22	26° 9	17° 2	14°12	F 23
S 24	6 9 42	1°27'05	5♌34	15°54	14° 2	3°12	28°26	23°50	1°58	24°54	24°34	26°21	26° 6	17° 9	14°10	S 24
S 25	6 13 38	2°27'52	18°27	17°23	15°13	3°47	28°37	23°48	1°59	24°53	24°33	26°20	26° 2	17°16	14° 7	S 25
M26	6 17 35	3°28'41	1♍ 2	18°53	16°23	4°22	28°48	23°45	2° 0	24°53	24°33	26°20	25°59	17°22	14° 4	M26
T 27	6 21 31	4°29'31	13°19	20°24	17°33	4°58	28°59	23°43	2° 1	24°53	24°32	26°19	25°56	17°29	14° 2	T 27
W28	6 25 28	5°30'22	25°24	21°54	18°44	5°33	29°10	23°41	2° 1	24°52	24°31	26°18	25°53	17°36	13°59	W28
T 29	6 29 24	6°31'15	7♎20	23°25	19°54	6° 8	29°21	23°38	2° 2	24°52	24°30	26°D18	25°50	17°42	13°56	T 29
F 30	6 33 21	7°32'09	19°12	24°57	21° 4	6°43	29°33	23°36	2° 3	24°52	24°29	26°18	25°47	17°49	13°53	F 30
S 31	6 37 18	8♉33'04	1♏ 4	26♐28	22♒14	7♏17	29♒44	23♌33	2♈ 4	24♈52	24♌29	26♐19	25♐43	17♎56	13♌50	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s32	4 s35	5 s15	17 s12	1n49	24 s19	2 s 5	6 s22	1n18	13 s56	0 s50	13n59	0n37	0n 3	0 s47	8n18	1 s30	18n 3	5n 9	23 s14	23 s16	10 s14	9n 9	7 s28
F 2	21 42	9 6	5 5	16 55	2 0	24 11	2 6	6 36	1 18	13 53	0 49	13 59	0 37	0 3	0 47	8 17	1 30	18 3	5 9	23 14	23 15	10 17	9 9	7 28
S 3	21 51	13 18	4 42	16 43	2 9	24 3	2 7	6 49	1 18	13 51	0 49	13 59	0 37	0 3	0 47	8 17	1 30	18 3	5 9	23 14	23 15	10 19	9 8	7 29
S 4	21 59	17 0	4 7	16 36	2 16	23 54	2 9	7 3	1 18	13 48	0 49	13 59	0 37	0 3	0 47	8 17	1 30	18 3	5 9	23 14	23 15	10 22	9 8	7 30
M 5	22 7	20 3	3 20	16 33	2 21	23 44	2 10	7 16	1 18	13 45	0 49	13 59	0 37	0 3	0 47	8 16	1 30	18 4	5 10	23 14	23 15	10 24	9 8	7 30
T 6	22 15	22 14	2 24	16 35	2 24	23 33	2 11	7 29	1 18	13 42	0 49	13 59	0 38	0 3	0 47	8 16	1 30	18 4	5 10	23 14	23 15	10 26	9 7	7 31
W 7	22 22	23 22	1 19	16 40	2 26	23 22	2 12	7 43	1 18	13 39	0 49	13 59	0 38	0 3	0 47	8 16	1 30	18 4	5 10	23 14	23 15	10 29	9 7	7 31
T 8	22 29	23 21	0 10	16 48	2 27	23 10	2 13	7 56	1 18	13 36	0 49	13 59	0 38	0 3	0 47	8 15	1 30	18 4	5 10	23 14	23 15	10 31	9 7	7 32
F 9	22 35	22 5	1n 0	16 59	2 26	22 58	2 14	8 9	1 18	13 33	0 49	14 0	0 38	0 3	0 46	8 15	1 29	18 5	5 11	23 14	23 15	10 33	9 6	7 33
S 10	22 41	19 38	2 9	17 12	2 24	22 44	2 14	8 22	1 18	13 30	0 49	14 0	0 38	0 3	0 46	8 15	1 29	18 5	5 11	23 14	23 15	10 36	9 6	7 33
S 11	22 47	16 6	3 12	17 27	2 22	22 31	2 15	8 35	1 18	13 27	0 49	14 0	0 38	0 3	0 46	8 14	1 29	18 5	5 11	23 14	23 15	10 38	9 6	7 34
M12	22 52	11 42	4 6	17 44	2 18	22 16	2 16	8 48	1 18	13 24	0 49	14 1	0 39	0 3	0 46	8 14	1 29	18 6	5 11	23 14	23 15	10 40	9 6	7 34
T 13	22 56	6 39	4 46	18 2	2 14	22 1	2 16	9 1	1 18	13 20	0 49	14 1	0 39	0 3	0 46	8 14	1 29	18 6	5 11	23 14	23 15	10 43	9 6	7 35
W14	23 0	1 12	5 11	18 21	2 9	21 46	2 16	9 13	1 18	13 17	0 49	14 1	0 39	0 3	0 46	8 14	1 29	18 6	5 12	23 14	23 15	10 45	9 6	7 36
T 15	23 4	4n23	5 17	18 40	2 3	21 30	2 17	9 26	1 18	13 14	0 49	14 2	0 39	0 3	0 46	8 13	1 29	18 7	5 12	23 14	23 15	10 47	9 6	7 36
F 16	23 7	9 48	5 4	19 0	1 57	21 13	2 17	9 39	1 18	13 10	0 49	14 2	0 39	0 3	0 46	8 13	1 29	18 7	5 12	23 14	23 14	10 50	9 6	7 37
S 17	23 10	14 44	4 32	19 20	1 51	20 56	2 17	9 51	1 18	13 7	0 49	14 3	0 39	0 3	0 46	8 13	1 29	18 7	5 12	23 14	23 14	10 52	9 6	7 37
S 18	23 12	18 51	3 42	19 40	1 45	20 38	2 17	10 4	1 18	13 4	0 49	14 4	0 40	0 3	0 46	8 13	1 29	18 8	5 12	23 14	23 14	10 54	9 6	7 38
M19	23 14	21 48	2 39	20 0	1 38	20 19	2 17	10 16	1 18	13 0	0 49	14 4	0 40	0 3	0 46	8 13	1 29	18 8	5 12	23 14	23 14	10 56	9 6	7 38
T 20	23 16	23 19	1 26	20 19	1 31	20 0	2 17	10 28	1 18	12 56	0 48	14 5	0 40	0 4	0 46	8 13	1 29	18 9	5 13	23 14	23 14	10 59	9 6	7 39
W21	23 17	23 20	0 8	20 38	1 23	19 41	2 16	10 41	1 18	12 53	0 48	14 6	0 40	0 4	0 46	8 12	1 29	18 9	5 13	23 14	23 14	11 1	9 6	7 39
T 22	23 17	21 52	1 s 8	20 57	1 16	19 21	2 16	10 53	1 18	12 49	0 48	14 6	0 40	0 4	0 46	8 12	1 29	18 9	5 13	23 14	23 14	11 3	9 6	7 40
F 23	23 17	19 10	2 19	21 15	1 9	19 1	2 15	11 5	1 18	12 46	0 48	14 7	0 40	0 4	0 46	8 12	1 29	18 10	5 13	23 14	23 14	11 6	9 6	7 40
S 24	23 17	15 31	3 21	21 32	1 1	18 40	2 15	11 17	1 18	12 42	0 48	14 8	0 41	0 5	0 46	8 12	1 29	18 10	5 13	23 14	23 14	11 8	9 6	7 41
S 25	23 16	11 13	4 10	21 48	0 54	18 18	2 14	11 29	1 18	12 38	0 48	14 9	0 41	0 5	0 46	8 12	1 29	18 11	5 14	23 14	23 14	11 10	9 7	7 41
M26	23 14	6 34	4 47	22 4	0 46	17 56	2 13	11 41	1 18	12 34	0 48	14 10	0 41	0 5	0 46	8 12	1 29	18 11	5 14	23 14	23 14	11 12	9 7	7 42
T 27	23 13	1 45	5 9	22 18	0 39	17 34	2 12	11 52	1 18	12 30	0 48	14 10	0 41	0 6	0 46	8 12	1 29	18 12	5 14	23 14	23 13	11 15	9 7	7 42
W28	23 10	3 s 2	5 17	22 31	0 31	17 11	2 11	12 4	1 17	12 26	0 48	14 11	0 41	0 6	0 46	8 12	1 29	18 12	5 14	23 14	23 13	11 17	9 8	7 43
T 29	23 8	7 39	5 11	22 44	0 24	16 48	2 10	12 16	1 17	12 23	0 48	14 12	0 41	0 6	0 46	8 12	1 29	18 12	5 14	23 14	23 13	11 19	9 8	7 43
F 30	23 4	11 58	4 52	22 55	0 16	16 25	2 8	12 27	1 17	12 19	0 48	14 13	0 41	0 7	0 46	8 12	1 29	18 13	5 15	23 14	23 13	11 22	9 8	7 44
S 31	23 s 1	15 s51	4 s21	23 s 6	0n 9	16 s 1	2 s 7	12 s38	1n17	12 s15	0 s48	14n14	0n42	0n 7	0 s46	8n11	1 s29	18n13	5n15	23 s14	23 s13	11 s24	9n 9	7 s44

Julian Day Number = 2883960.5, Delta T = 01h16m37s
Ecliptic obliquity = 23°17'10, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°19'14, Lahiri = 40°26'14

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ASTRODIENST EPHEMERIS for the year 3184
geocentric

JANUARY 3184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 14	9♉34'00	13♏ 3	28♐ 0	23♒24	7♏52	29♒56	23°R30	2♈ 5	24°R51	24°R28	26♐20	25♐40	18♎ 3	13°R47	S 1
M 2	6 45 11	10°34'57	25°11	29°32	24°34	8°27	0♓ 7	23♌27	2° 6	24♈51	24♌27	26°22	25°37	18° 9	13♌44	M 2
T 3	6 49 7	11°35'55	7♐32	1♉ 4	25°43	9° 2	0°19	23°24	2° 7	24°51	24°26	26°23	25°34	18°16	13°41	T 3
W 4	6 53 4	12°36'54	20° 9	2°36	26°53	9°36	0°31	23°21	2° 8	24°51	24°25	26°R24	25°31	18°23	13°37	W 4
T 5	6 57 0	13°37'54	3♉ 4	4° 9	28° 2	10°11	0°43	23°18	2°10	24°51	24°24	26°24	25°27	18°29	13°34	T 5
F 6	7 0 57	14°38'55	16°16	5°42	29°11	10°46	0°55	23°15	2°11	24°D51	24°23	26°23	25°24	18°36	13°31	F 6
S 7	7 4 53	15°39'57	29°45	7°14	0♓20	11°20	1° 7	23°12	2°12	24°51	24°22	26°21	25°21	18°43	13°27	S 7
S 8	7 8 50	16°40'58	13♒30	8°47	1°29	11°54	1°19	23° 8	2°14	24°51	24°21	26°18	25°18	18°50	13°24	S 8
M 9	7 12 47	17°42'01	27°26	10°21	2°38	12°29	1°31	23° 5	2°15	24°51	24°20	26°15	25°15	18°56	13°20	M 9
T 10	7 16 43	18°43'03	11♓30	11°54	3°47	13° 3	1°43	23° 1	2°17	24°51	24°19	26°12	25°12	19° 3	13°16	T 10
W11	7 20 40	19°44'06	25°40	13°28	4°55	13°37	1°56	22°58	2°18	24°52	24°18	26° 9	25° 8	19°10	13°13	W11
T 12	7 24 36	20°45'10	9♈51	15° 1	6° 4	14°11	2° 8	22°54	2°20	24°52	24°17	26° 8	25° 5	19°16	13° 9	T 12
F 13	7 28 33	21°46'13	24° 2	16°35	7°12	14°45	2°21	22°50	2°21	24°52	24°16	26°D 7	25° 2	19°23	13° 5	F 13
S 14	7 32 29	22°47'16	8♉10	18°10	8°20	15°19	2°33	22°46	2°23	24°52	24°14	26° 8	24°59	19°30	13° 1	S 14
S 15	7 36 26	23°48'20	22°14	19°44	9°27	15°53	2°46	22°42	2°24	24°53	24°13	26° 9	24°56	19°36	12°57	S 15
M16	7 40 22	24°49'23	6♊12	21°19	10°35	16°27	2°59	22°38	2°26	24°53	24°12	26°11	24°53	19°43	12°54	M16
T 17	7 44 19	25°50'27	20° 2	22°54	11°42	17° 1	3°11	22°34	2°28	24°53	24°11	26°R12	24°49	19°50	12°50	T 17
W18	7 48 16	26°51'31	3♋43	24°29	12°50	17°35	3°24	22°30	2°30	24°54	24°10	26°12	24°46	19°57	12°46	W18
T 19	7 52 12	27°52'35	17°13	26° 4	13°56	18° 8	3°37	22°26	2°32	24°54	24° 9	26°10	24°43	20° 3	12°42	T 19
F 20	7 56 9	28°53'39	0♌30	27°40	15° 3	18°42	3°50	22°22	2°34	24°55	24° 7	26° 7	24°40	20°10	12°38	F 20
S 21	8 0 5	29°54'43	13°32	29°17	16°10	19°15	4° 3	22°17	2°36	24°55	24° 6	26° 2	24°37	20°17	12°33	S 21
S 22	8 4 2	0♒55'48	26°18	0♒53	17°16	19°49	4°16	22°13	2°38	24°56	24° 5	25°56	24°33	20°23	12°29	S 22
M23	8 7 58	1°56'52	8♍49	2°30	18°22	20°22	4°30	22° 8	2°40	24°56	24° 4	25°49	24°30	20°30	12°25	M23
T 24	8 11 55	2°57'57	21° 6	4° 7	19°28	20°55	4°43	22° 4	2°42	24°57	24° 2	25°43	24°27	20°37	12°21	T 24
W25	8 15 51	3°59'02	3♎11	5°45	20°33	21°28	4°56	21°59	2°44	24°58	24° 1	25°37	24°24	20°44	12°17	W25
T 26	8 19 48	5° 0'07	15° 7	7°23	21°38	22° 1	5°10	21°55	2°46	24°58	24° 0	25°33	24°21	20°50	12°13	T 26
F 27	8 23 45	6° 1'12	26°58	9° 1	22°43	22°34	5°23	21°50	2°48	24°59	23°59	25°31	24°18	20°57	12° 8	F 27
S 28	8 27 41	7° 2'18	8♏50	10°40	23°48	23° 7	5°36	21°46	2°50	25° 0	23°57	25°D30	24°14	21° 4	12° 4	S 28
S 29	8 31 38	8° 3'24	20°47	12°19	24°52	23°40	5°50	21°41	2°53	25° 1	23°56	25°31	24°11	21°10	12° 0	S 29
M30	8 35 34	9° 4'30	2♐54	13°59	25°56	24°13	6° 3	21°36	2°55	25° 1	23°55	25°33	24° 8	21°17	11°56	M30
T 31	8 39 31	10♒ 5'36	15♐16	15♒39	27♓ 0	24♏46	6♓17	21♌31	2♈57	25♈ 2	23♌53	25♐34	24♐ 5	21♎24	11♌51	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s57	19s 7	3s37	23s15	0n 2	15s36	2s 5	12s50	1n17	12s11	0s48	14n15	0n42	0n 8	0s46	8n11	1s29	18n14	5n15	23s14	23s13	11s26	9n 9	7s45
M 2	22 52	21 36	2 44	23 23	0s 6	15 11	2 3	13 1	1 17	12 6	0 48	14 16	0 42	0 8	0 45	8 11	1 28	18 14	5 15	23 14	23 13	11 28	9 10	7 45
T 3	22 47	23 7	1 42	23 30	0 13	14 46	2 2	13 12	1 17	12 2	0 48	14 18	0 42	0 9	0 45	8 11	1 28	18 15	5 15	23 14	23 13	11 31	9 10	7 45
W 4	22 42	23 30	0 34	23 35	0 20	14 21	2 0	13 23	1 17	11 58	0 48	14 19	0 42	0 9	0 45	8 11	1 28	18 15	5 15	23 14	23 13	11 33	9 11	7 46
T 5	22 36	22 38	0n37	23 40	0 26	13 55	1 57	13 34	1 17	11 54	0 48	14 20	0 42	0 10	0 45	8 11	1 28	18 16	5 16	23 14	23 13	11 35	9 11	7 46
F 6	22 29	20 31	1 48	23 43	0 33	13 29	1 55	13 45	1 17	11 50	0 48	14 21	0 43	0 10	0 45	8 12	1 28	18 16	5 16	23 14	23 12	11 37	9 12	7 47
S 7	22 22	17 14	2 54	23 45	0 40	13 3	1 53	13 55	1 16	11 45	0 48	14 22	0 43	0 11	0 45	8 12	1 28	18 17	5 16	23 14	23 12	11 39	9 12	7 47
S 8	22 15	12 58	3 51	23 46	0 46	12 36	1 50	14 6	1 16	11 41	0 48	14 24	0 43	0 11	0 45	8 12	1 28	18 17	5 16	23 14	23 12	11 42	9 13	7 47
M 9	22 7	7 58	4 36	23 45	0 52	12 9	1 48	14 16	1 16	11 37	0 48	14 25	0 43	0 12	0 45	8 12	1 28	18 18	5 16	23 14	23 12	11 44	9 14	7 48
T 10	21 59	2 31	5 4	23 43	0 58	11 42	1 45	14 27	1 16	11 32	0 48	14 26	0 43	0 12	0 45	8 12	1 28	18 18	5 16	23 14	23 12	11 46	9 14	7 48
W11	21 51	3n 6	5 14	23 40	1 4	11 14	1 42	14 37	1 16	11 28	0 48	14 28	0 43	0 13	0 45	8 12	1 28	18 19	5 17	23 14	23 12	11 48	9 15	7 48
T 12	21 42	8 34	5 5	23 36	1 10	10 46	1 39	14 47	1 16	11 23	0 48	14 29	0 43	0 14	0 45	8 12	1 28	18 19	5 17	23 14	23 12	11 51	9 16	7 48
F 13	21 32	13 34	4 38	23 30	1 15	10 18	1 36	14 57	1 16	11 19	0 48	14 30	0 44	0 14	0 45	8 12	1 28	18 20	5 17	23 14	23 12	11 53	9 17	7 49
S 14	21 22	17 50	3 54	23 23	1 20	9 50	1 33	15 7	1 15	11 14	0 48	14 32	0 44	0 15	0 45	8 12	1 28	18 20	5 17	23 14	23 11	11 55	9 17	7 49
S 15	21 12	21 2	2 56	23 15	1 25	9 22	1 30	15 17	1 15	11 10	0 48	14 33	0 44	0 16	0 45	8 12	1 28	18 21	5 17	23 14	23 11	11 57	9 18	7 49
M16	21 2	22 58	1 47	23 6	1 30	8 53	1 26	15 27	1 15	11 5	0 48	14 35	0 44	0 17	0 45	8 13	1 28	18 21	5 17	23 14	23 11	11 59	9 19	7 49
T 17	20 51	23 28	0 34	22 55	1 35	8 24	1 23	15 37	1 15	11 1	0 48	14 36	0 44	0 17	0 45	8 13	1 28	18 22	5 17	23 14	23 11	12 2	9 20	7 50
W18	20 39	22 33	0s41	22 43	1 39	7 55	1 19	15 46	1 15	10 56	0 48	14 37	0 44	0 18	0 45	8 13	1 28	18 22	5 18	23 14	23 11	12 4	9 21	7 50
T 19	20 27	20 20	1 52	22 29	1 43	7 26	1 15	15 56	1 15	10 51	0 48	14 39	0 44	0 19	0 45	8 13	1 28	18 23	5 18	23 14	23 11	12 6	9 22	7 50
F 20	20 15	17 3	2 56	22 14	1 47	6 57	1 11	16 5	1 14	10 47	0 48	14 40	0 45	0 20	0 45	8 13	1 28	18 23	5 18	23 14	23 11	12 8	9 23	7 50
S 21	20 2	12 59	3 50	21 58	1 50	6 28	1 7	16 14	1 14	10 42	0 48	14 42	0 45	0 20	0 45	8 14	1 28	18 24	5 18	23 14	23 11	12 10	9 24	7 50
S 22	19 49	8 25	4 30	21 41	1 54	5 58	1 3	16 23	1 14	10 37	0 48	14 44	0 45	0 21	0 45	8 14	1 28	18 24	5 18	23 13	23 10	12 13	9 25	7 50
M23	19 36	3 37	4 57	21 22	1 57	5 29	0 59	16 32	1 14	10 32	0 48	14 45	0 45	0 22	0 45	8 14	1 28	18 25	5 18	23 13	23 10	12 15	9 25	7 51
T 24	19 22	1s14	5 9	21 2	1 59	4 59	0 54	16 41	1 14	10 28	0 48	14 47	0 45	0 23	0 45	8 14	1 27	18 26	5 18	23 13	23 10	12 17	9 26	7 51
W25	19 8	5 58	5 8	20 41	2 2	4 29	0 50	16 50	1 13	10 23	0 48	14 48	0 45	0 24	0 45	8 15	1 27	18 26	5 18	23 13	23 10	12 19	9 28	7 51
T 26	18 54	10 25	4 53	20 18	2 4	3 59	0 45	16 59	1 13	10 18	0 48	14 50	0 45	0 25	0 45	8 15	1 27	18 27	5 19	23 13	23 10	12 21	9 29	7 51
F 27	18 39	14 27	4 25	19 54	2 5	3 29	0 40	17 7	1 13	10 13	0 48	14 51	0 46	0 26	0 45	8 15	1 27	18 27	5 19	23 13	23 10	12 23	9 30	7 51
S 28	18 24	17 55	3 46	19 29	2 6	2 59	0 35	17 16	1 13	10 8	0 48	14 53	0 46	0 26	0 45	8 16	1 27	18 28	5 19	23 13	23 10	12 26	9 31	7 51
S 29	18 8	20 41	2 57	19 2	2 7	2 29	0 30	17 24	1 12	10 3	0 48	14 55	0 46	0 27	0 44	8 16	1 27	18 28	5 19	23 13	23 10	12 28	9 32	7 51
M30	17 52	22 34	2 0	18 34	2 8	1 59	0 25	17 32	1 12	9 58	0 48	14 56	0 46	0 28	0 44	8 16	1 27	18 29	5 19	23 13	23 9	12 30	9 33	7 51
T 31	17s36	23s24	0s56	18s 5	2s 8	1s29	0s20	17s40	1n12	9s53	0s48	14n58	0n46	0n29	0s44	8n17	1s27	18n29	5n19	23s13	23s 9	12s32	9n34	7s51

Julian Day Number = 2883991.5, Delta T = 01h16m38s
Ecliptic obliquity = 23°17'09, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°19'18, Lahiri = 40°26'19

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ASTRODIENST EPHEMERIS for the year 3184
geocentric

FEBRUARY 3184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 43 27	11♒ 6'42	27♐58	17♒19	28♓ 4	25♏18	6♓31	21°R27	3♈ 0	25♈ 3	23°R52	25°R34	24♐ 2	21♎31	11°R47	W 1
T 2	8 47 24	12° 7'48	11♑ 2	19° 0	29° 7	25°50	6°45	21♌22	3° 2	25° 4	23♌51	25♐33	23°59	21°37	11♌43	T 2
F 3	8 51 21	13° 8'53	24°30	20°41	0♈10	26°23	6°58	21°17	3° 5	25° 5	23°49	25°30	23°55	21°44	11°39	F 3
S 4	8 55 17	14° 9'59	8♒21	22°22	1°12	26°55	7°12	21°12	3° 7	25° 6	23°48	25°24	23°52	21°51	11°34	S 4
S 5	8 59 14	15°11'04	22°32	24° 3	2°14	27°27	7°26	21° 7	3°10	25° 7	23°47	25°17	23°49	21°57	11°30	S 5
M 6	9 3 10	16°12'08	6♓58	25°45	3°16	27°59	7°40	21° 2	3°12	25° 8	23°45	25° 8	23°46	22° 4	11°26	M 6
T 7	9 7 7	17°13'12	21°33	27°27	4°17	28°31	7°54	20°57	3°15	25° 9	23°44	24°59	23°43	22°11	11°21	T 7
W 8	9 11 3	18°14'15	6♈ 8	29° 8	5°18	29° 3	8° 8	20°52	3°17	25°10	23°43	24°52	23°39	22°17	11°17	W 8
T 9	9 15 0	19°15'18	20°38	0♓50	6°18	29°34	8°22	20°47	3°20	25°11	23°41	24°46	23°36	22°24	11°13	T 9
F 10	9 18 56	20°16'19	4♉59	2°31	7°18	0♐ 6	8°36	20°43	3°23	25°13	23°40	24°43	23°33	22°31	11° 9	F 10
S 11	9 22 53	21°17'20	19° 6	4°12	8°18	0°37	8°50	20°38	3°26	25°14	23°38	24°D42	23°30	22°38	11° 5	S 11
S 12	9 26 49	22°18'20	3♊ 0	5°52	9°17	1° 9	9° 4	20°33	3°28	25°15	23°37	24°42	23°27	22°44	11° 0	S 12
M13	9 30 46	23°19'19	16°41	7°31	10°15	1°40	9°18	20°28	3°31	25°16	23°36	24°43	23°24	22°51	10°56	M13
T 14	9 34 43	24°20'17	0♋ 9	9° 9	11°14	2°11	9°32	20°23	3°34	25°18	23°34	24°R43	23°20	22°58	10°52	T 14
W15	9 38 39	25°21'14	13°25	10°46	12°11	2°42	9°46	20°18	3°37	25°19	23°33	24°41	23°17	23° 4	10°48	W15
T 16	9 42 36	26°22'10	26°30	12°20	13° 8	3°13	10° 0	20°13	3°40	25°20	23°32	24°37	23°14	23°11	10°44	T 16
F 17	9 46 32	27°23'05	9♌24	13°52	14° 4	3°43	10°15	20° 8	3°43	25°22	23°30	24°30	23°11	23°18	10°40	F 17
S 18	9 50 29	28°23'59	22° 7	15°22	15° 0	4°14	10°29	20° 3	3°46	25°23	23°29	24°20	23° 8	23°25	10°36	S 18
S 19	9 54 25	29°24'52	4♍40	16°48	15°55	4°44	10°43	19°58	3°48	25°25	23°27	24° 9	23° 5	23°31	10°32	S 19
M20	9 58 22	0♓25'44	17° 1	18°10	16°50	5°14	10°57	19°54	3°51	25°26	23°26	23°56	23° 1	23°38	10°28	M20
T 21	10 2 18	1°26'35	29°12	19°27	17°44	5°45	11°12	19°49	3°54	25°27	23°25	23°43	22°58	23°45	10°24	T 21
W22	10 6 15	2°27'25	11♎13	20°39	18°37	6°15	11°26	19°44	3°57	25°29	23°23	23°32	22°55	23°51	10°20	W22
T 23	10 10 12	3°28'15	23° 8	21°44	19°29	6°44	11°40	19°39	4° 1	25°31	23°22	23°22	22°52	23°58	10°16	T 23
F 24	10 14 8	4°29'04	4♏58	22°43	20°21	7°14	11°55	19°35	4° 4	25°32	23°21	23°16	22°49	24° 5	10°13	F 24
S 25	10 18 5	5°29'52	16°47	23°34	21°12	7°44	12° 9	19°30	4° 7	25°34	23°19	23°12	22°45	24°11	10° 9	S 25
S 26	10 22 1	6°30'39	28°42	24°16	22° 2	8°13	12°24	19°25	4°10	25°35	23°18	23°10	22°42	24°18	10° 5	S 26
M27	10 25 58	7°31'25	10♐45	24°49	22°52	8°42	12°38	19°21	4°13	25°37	23°17	23°D10	22°39	24°25	10° 2	M27
T 28	10 29 54	8°32'10	23° 4	25°13	23°40	9°11	12°52	19°16	4°16	25°39	23°15	23°R10	22°36	24°32	9°58	T 28
W29	10 33 51	9♓32'55	5♑43	25♓26	24♈28	9♐40	13♓ 7	19♌12	4♈19	25♈40	23♌14	23♐ 9	22♐33	24♎38	9♌55	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s20	23s 3	0n13	17s34	2s 7	0s59	0s14	17s48	1n12	9s48	0s48	15n 0	0n46	0n30	0s44	8n17	1s27	18n30	5n19	23s13	23s 9	12s34	9n35	7s51
T 2	17 3	21 28	1 23	17 2	2 7	0 29	0 9	17 56	1 11	9 43	0 48	15 1	0 46	0 31	0 44	8 17	1 27	18 30	5 19	23 13	23 9	12 36	9 36	7 51
F 3	16 46	18 38	2 30	16 29	2 5	0n 1	0 3	18 4	1 11	9 38	0 48	15 3	0 46	0 32	0 44	8 18	1 27	18 31	5 19	23 13	23 9	12 38	9 38	7 51
S 4	16 28	14 41	3 30	15 55	2 4	0 31	0n 3	18 12	1 11	9 33	0 48	15 5	0 47	0 33	0 44	8 18	1 27	18 32	5 20	23 12	23 9	12 41	9 39	7 51
S 5	16 11	9 50	4 18	15 19	2 1	1 1	0 9	18 19	1 11	9 28	0 48	15 6	0 47	0 34	0 44	8 19	1 27	18 32	5 20	23 12	23 9	12 43	9 40	7 51
M 6	15 53	4 23	4 51	14 43	1 58	1 31	0 15	18 26	1 10	9 23	0 48	15 8	0 47	0 35	0 44	8 19	1 27	18 33	5 20	23 12	23 8	12 45	9 41	7 51
T 7	15 34	1n21	5 5	14 5	1 55	2 1	0 21	18 34	1 10	9 18	0 48	15 10	0 47	0 36	0 44	8 19	1 27	18 33	5 20	23 12	23 8	12 47	9 42	7 51
W 8	15 16	7 1	5 0	13 26	1 51	2 31	0 27	18 41	1 10	9 12	0 48	15 11	0 47	0 37	0 44	8 20	1 27	18 34	5 20	23 11	23 8	12 49	9 44	7 51
T 9	14 57	12 16	4 36	12 46	1 46	3 0	0 34	18 48	1 9	9 7	0 48	15 13	0 47	0 39	0 44	8 20	1 27	18 34	5 20	23 11	23 8	12 51	9 45	7 50
F 10	14 38	16 46	3 54	12 5	1 41	3 30	0 40	18 55	1 9	9 2	0 48	15 15	0 47	0 40	0 44	8 21	1 27	18 35	5 20	23 11	23 8	12 53	9 46	7 50
S 11	14 19	20 15	2 59	11 23	1 35	4 0	0 47	19 2	1 9	8 57	0 48	15 16	0 47	0 41	0 44	8 21	1 27	18 35	5 20	23 11	23 8	12 55	9 47	7 50
S 12	13 59	22 29	1 54	10 40	1 29	4 29	0 54	19 8	1 8	8 52	0 48	15 18	0 47	0 42	0 44	8 22	1 27	18 36	5 20	23 11	23 7	12 58	9 49	7 50
M13	13 40	23 20	0 43	9 57	1 21	4 58	1 1	19 15	1 8	8 46	0 48	15 20	0 47	0 43	0 44	8 22	1 27	18 36	5 20	23 11	23 7	13 0	9 50	7 50
T 14	13 19	22 48	0s29	9 13	1 13	5 27	1 8	19 22	1 8	8 41	0 48	15 21	0 48	0 44	0 44	8 23	1 27	18 37	5 20	23 11	23 7	13 2	9 51	7 49
W15	12 59	20 59	1 38	8 29	1 4	5 56	1 15	19 28	1 7	8 36	0 48	15 23	0 48	0 45	0 44	8 23	1 27	18 37	5 20	23 11	23 7	13 4	9 52	7 49
T 16	12 39	18 5	2 41	7 44	0 55	6 25	1 22	19 34	1 7	8 30	0 48	15 24	0 48	0 46	0 44	8 24	1 26	18 38	5 21	23 11	23 7	13 6	9 54	7 49
F 17	12 18	14 20	3 34	6 59	0 44	6 53	1 29	19 40	1 6	8 25	0 48	15 26	0 48	0 48	0 44	8 24	1 26	18 39	5 21	23 10	23 7	13 8	9 55	7 49
S 18	11 57	10 0	4 16	6 15	0 33	7 22	1 37	19 46	1 6	8 20	0 48	15 28	0 48	0 49	0 44	8 25	1 26	18 39	5 21	23 10	23 7	13 10	9 56	7 48
S 19	11 36	5 19	4 45	5 31	0 21	7 50	1 44	19 52	1 6	8 14	0 48	15 29	0 48	0 50	0 44	8 25	1 26	18 40	5 21	23 9	23 6	13 12	9 58	7 48
M20	11 15	0 29	5 0	4 47	0 9	8 18	1 52	19 58	1 5	8 9	0 48	15 31	0 48	0 51	0 44	8 26	1 26	18 40	5 21	23 9	23 6	13 14	9 59	7 48
T 21	10 54	4s17	5 1	4 5	0n 5	8 45	2 0	20 4	1 5	8 4	0 48	15 32	0 48	0 52	0 44	8 27	1 26	18 41	5 21	23 8	23 6	13 16	10 0	7 48
W22	10 32	8 50	4 48	3 24	0 19	9 13	2 7	20 9	1 4	7 58	0 48	15 34	0 48	0 54	0 44	8 27	1 26	18 41	5 21	23 8	23 6	13 18	10 2	7 47
T 23	10 10	13 0	4 23	2 44	0 34	9 40	2 15	20 15	1 4	7 53	0 48	15 36	0 48	0 55	0 44	8 28	1 26	18 42	5 21	23 7	23 6	13 20	10 3	7 47
F 24	9 48	16 39	3 46	2 7	0 49	10 7	2 23	20 20	1 3	7 48	0 48	15 37	0 48	0 56	0 44	8 28	1 26	18 42	5 21	23 7	23 6	13 22	10 4	7 47
S 25	9 26	19 38	3 0	1 33	1 5	10 34	2 32	20 25	1 3	7 42	0 48	15 39	0 48	0 57	0 44	8 29	1 26	18 43	5 21	23 7	23 5	13 24	10 5	7 46
S 26	9 4	21 47	2 6	1 2	1 21	11 0	2 40	20 30	1 2	7 37	0 48	15 40	0 49	0 59	0 44	8 30	1 26	18 43	5 21	23 7	23 5	13 27	10 7	7 46
M27	8 42	23 0	1 5	0 34	1 37	11 26	2 48	20 35	1 2	7 31	0 48	15 42	0 49	1 0	0 44	8 30	1 26	18 43	5 21	23 7	23 5	13 29	10 8	7 45
T 28	8 19	23 7	0 1	0 10	1 53	11 52	2 56	20 40	1 1	7 26	0 48	15 43	0 49	1 1	0 44	8 31	1 26	18 44	5 21	23 7	23 5	13 31	10 9	7 45
W29	7s56	22s 4	1n 6	0n10	2n 9	12n17	3n 5	20s45	1n 1	7s20	0s48	15n45	0n49	1n 2	0s44	8n31	1s26	18n44	5n21	23s 7	23s 5	13s33	10n11	7s45

Julian Day Number = 2884022.5, Delta T = 01h16m38s
Ecliptic obliquity = 23°17'09, Nutation = 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°19'23, Lahiri = 40°26'23

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ASTRODIENST EPHEMERIS for the year 3184
geocentric

MARCH 3184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 37 47	10♓33'39	18♉47	25°R28	25♈15	10♐ 9	13♓21	19°R 7	4♈23	25♈42	23°R13	23°R 7	22♐30	24♎45	9°R51	T 1
F 2	10 41 44	11°34'21	2♒19	25♓20	26° 0	10°37	13°36	19♌ 3	4°26	25°44	23♌11	23♐ 2	22°26	24°52	9♌48	F 2
S 3	10 45 41	12°35'03	16°19	25° 1	26°45	11° 6	13°50	18°59	4°29	25°46	23°10	22°54	22°23	24°58	9°44	S 3
S 4	10 49 37	13°35'43	0♓46	24°31	27°29	11°34	14° 4	18°54	4°32	25°47	23° 9	22°44	22°20	25° 5	9°41	S 4
M 5	10 53 34	14°36'22	15°33	23°53	28°12	12° 2	14°19	18°50	4°36	25°49	23° 8	22°32	22°17	25°12	9°38	M 5
T 6	10 57 30	15°36'59	0♈33	23° 5	28°53	12°30	14°33	18°46	4°39	25°51	23° 6	22°20	22°14	25°18	9°35	T 6
W 7	11 1 27	16°37'35	15°35	22°11	29°34	12°57	14°48	18°42	4°42	25°53	23° 5	22°10	22°11	25°25	9°32	W 7
T 8	11 5 23	17°38'10	0♉30	21°11	0♉13	13°25	15° 2	18°38	4°45	25°55	23° 4	22° 1	22° 7	25°32	9°29	T 8
F 9	11 9 20	18°38'43	15°10	20° 6	0°51	13°52	15°17	18°34	4°49	25°57	23° 3	21°56	22° 4	25°39	9°26	F 9
S 10	11 13 16	19°39'14	29°31	18°59	1°28	14°19	15°31	18°30	4°52	25°58	23° 1	21°53	22° 1	25°45	9°23	S 10
S 11	11 17 13	20°39'44	13♊30	17°52	2° 3	14°45	15°45	18°26	4°55	26° 0	23° 0	21°52	21°58	25°52	9°20	S 11
M12	11 21 10	21°40'11	27° 7	16°46	2°37	15°12	16° 0	18°23	4°59	26° 2	22°59	21°52	21°55	25°59	9°17	M12
T 13	11 25 6	22°40'37	10♋26	15°42	3° 9	15°38	16°14	18°19	5° 2	26° 4	22°58	21°51	21°51	26° 5	9°15	T 13
W14	11 29 3	23°41'01	23°28	14°42	3°40	16° 4	16°29	18°15	5° 6	26° 6	22°57	21°49	21°48	26°12	9°12	W14
T 15	11 32 59	24°41'23	6♌15	13°48	4° 9	16°30	16°43	18°12	5° 9	26° 8	22°55	21°44	21°45	26°19	9°10	T 15
F 16	11 36 56	25°41'44	18°51	12°59	4°37	16°56	16°57	18° 9	5°12	26°10	22°54	21°36	21°42	26°25	9° 7	F 16
S 17	11 40 52	26°42'02	1♍17	12°17	5° 3	17°21	17°12	18° 5	5°16	26°12	22°53	21°25	21°39	26°32	9° 5	S 17
S 18	11 44 49	27°42'19	13°34	11°41	5°27	17°46	17°26	18° 2	5°19	26°14	22°52	21°12	21°36	26°39	9° 3	S 18
M19	11 48 45	28°42'34	25°43	11°13	5°49	18°11	17°40	17°59	5°23	26°16	22°51	20°57	21°32	26°46	9° 1	M19
T 20	11 52 42	29°42'47	7♎46	10°52	6°10	18°35	17°54	17°56	5°26	26°18	22°50	20°43	21°29	26°52	8°59	T 20
W21	11 56 38	0♈42'58	19°42	10°38	6°28	19° 0	18° 9	17°53	5°29	26°21	22°49	20°30	21°26	26°59	8°57	W21
T 22	12 0 35	1°43'08	1♏33	10°31	6°44	19°24	18°23	17°50	5°33	26°23	22°48	20°19	21°23	27° 6	8°55	T 22
F 23	12 4 32	2°43'17	13°23	10°D30	6°59	19°47	18°37	17°47	5°36	26°25	22°47	20°10	21°20	27°12	8°53	F 23
S 24	12 8 28	3°43'24	25°12	10°36	7°11	20°11	18°51	17°44	5°40	26°27	22°46	20° 5	21°16	27°19	8°51	S 24
S 25	12 12 25	4°43'29	7♐ 6	10°48	7°21	20°34	19° 6	17°42	5°43	26°29	22°45	20° 3	21°13	27°26	8°50	S 25
M26	12 16 21	5°43'33	19° 8	11° 5	7°29	20°57	19°20	17°39	5°47	26°31	22°44	20°D 2	21°10	27°32	8°48	M26
T 27	12 20 18	6°43'35	1♑24	11°28	7°34	21°20	19°34	17°37	5°50	26°33	22°43	20°R 2	21° 7	27°39	8°47	T 27
W28	12 24 14	7°43'36	13°59	11°56	7°37	21°42	19°48	17°35	5°54	26°35	22°42	20° 2	21° 4	27°46	8°46	W28
T 29	12 28 11	8°43'35	26°58	12°28	7°R38	22° 4	20° 2	17°33	5°57	26°38	22°41	20° 1	21° 1	27°52	8°44	T 29
F 30	12 32 7	9°43'33	10♒24	13° 5	7°36	22°25	20°16	17°30	6° 0	26°40	22°40	19°57	20°57	27°59	8°43	F 30
S 31	12 36 4	10♈43'29	24♒21	13♓46	7♉32	22♐47	20♓30	17♌28	6♈ 4	26♈42	22♌39	19♐51	20♐54	28♎ 6	8♌42	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s34	19s49	2n11	0n25	2n24	12n43	3n13	20s50	1n 0	7s15	0s48	15n46	0n49	1n 4	0s44	8n32	1s26	18n45	5n21	23s 6	23s 4	13s35	10n12	7s44
F 2	7 11	16 24	3 11	0 35	2 39	13 7	3 22	20 55	1 0	7 10	0 49	15 47	0 49	1 5	0 44	8 33	1 26	18 45	5 21	23 6	23 4	13 37	10 13	7 44
S 3	6 48	11 59	4 2	0 41	2 53	13 32	3 31	20 59	0 59	7 4	0 49	15 49	0 49	1 6	0 44	8 33	1 26	18 46	5 21	23 6	23 4	13 39	10 15	7 43
S 4	6 25	6 47	4 39	0 40	3 5	13 56	3 40	21 3	0 59	6 59	0 49	15 50	0 49	1 7	0 44	8 34	1 26	18 46	5 21	23 5	23 4	13 41	10 16	7 43
M 5	6 1	1 4	4 58	0 35	3 16	14 19	3 48	21 8	0 58	6 53	0 49	15 52	0 49	1 9	0 44	8 35	1 26	18 47	5 21	23 5	23 4	13 43	10 17	7 42
T 6	5 38	4n46	4 57	0 25	3 25	14 42	3 57	21 12	0 58	6 48	0 49	15 53	0 49	1 10	0 44	8 35	1 26	18 47	5 21	23 4	23 4	13 45	10 18	7 42
W 7	5 15	10 20	4 36	0 10	3 32	15 5	4 6	21 16	0 57	6 42	0 49	15 54	0 49	1 11	0 44	8 36	1 26	18 48	5 21	23 3	23 3	13 47	10 20	7 41
T 8	4 51	15 15	3 56	0s 9	3 37	15 27	4 15	21 20	0 56	6 37	0 49	15 56	0 49	1 13	0 44	8 37	1 26	18 48	5 21	23 3	23 3	13 49	10 21	7 41
F 9	4 28	19 10	3 1	0 32	3 39	15 49	4 24	21 24	0 56	6 31	0 49	15 57	0 49	1 14	0 44	8 37	1 26	18 48	5 21	23 3	23 3	13 51	10 22	7 40
S 10	4 4	21 48	1 55	0 58	3 39	16 11	4 33	21 28	0 55	6 26	0 49	15 58	0 49	1 15	0 44	8 38	1 26	18 49	5 21	23 2	23 3	13 53	10 23	7 40
S 11	3 41	23 0	0 44	1 26	3 37	16 31	4 42	21 31	0 54	6 20	0 49	15 59	0 49	1 17	0 44	8 39	1 26	18 49	5 21	23 2	23 3	13 55	10 25	7 39
M12	3 17	22 48	0s28	1 55	3 33	16 52	4 51	21 35	0 54	6 15	0 49	16 0	0 49	1 18	0 44	8 40	1 26	18 50	5 21	23 2	23 2	13 57	10 26	7 39
T 13	2 53	21 17	1 36	2 26	3 26	17 11	5 0	21 38	0 53	6 9	0 49	16 2	0 49	1 19	0 43	8 40	1 26	18 50	5 21	23 2	23 2	13 59	10 27	7 38
W14	2 30	18 39	2 38	2 56	3 18	17 31	5 10	21 42	0 52	6 4	0 49	16 3	0 50	1 21	0 43	8 41	1 26	18 50	5 21	23 2	23 2	14 1	10 28	7 38
T 15	2 6	15 10	3 31	3 26	3 8	17 49	5 19	21 45	0 51	5 58	0 49	16 4	0 50	1 22	0 43	8 42	1 26	18 51	5 21	23 2	23 2	14 3	10 29	7 37
F 16	1 42	11 4	4 13	3 55	2 57	18 7	5 28	21 48	0 51	5 53	0 49	16 5	0 50	1 23	0 43	8 43	1 26	18 51	5 21	23 1	23 2	14 5	10 31	7 36
S 17	1 18	6 33	4 42	4 22	2 45	18 24	5 37	21 52	0 50	5 47	0 50	16 6	0 50	1 25	0 43	8 43	1 26	18 52	5 21	23 1	23 1	14 7	10 32	7 36
S 18	0 54	1 51	4 57	4 47	2 32	18 41	5 46	21 55	0 49	5 42	0 50	16 7	0 50	1 26	0 43	8 44	1 26	18 52	5 21	23 0	23 1	14 9	10 33	7 35
M19	0 31	2s53	4 59	5 10	2 19	18 57	5 55	21 58	0 48	5 36	0 50	16 8	0 50	1 27	0 43	8 45	1 26	18 52	5 21	22 59	23 1	14 11	10 34	7 35
T 20	0 7	7 27	4 47	5 31	2 5	19 12	6 4	22 1	0 47	5 31	0 50	16 9	0 50	1 29	0 43	8 46	1 26	18 53	5 21	22 58	23 1	14 12	10 35	7 34
W21	0n17	11 42	4 22	5 49	1 51	19 27	6 12	22 4	0 47	5 25	0 50	16 10	0 50	1 30	0 43	8 46	1 26	18 53	5 21	22 57	23 1	14 14	10 36	7 33
T 22	0 41	15 29	3 47	6 5	1 36	19 40	6 21	22 6	0 46	5 20	0 50	16 11	0 50	1 32	0 43	8 47	1 26	18 53	5 21	22 56	23 0	14 16	10 37	7 33
F 23	1 5	18 38	3 1	6 19	1 22	19 53	6 29	22 9	0 45	5 14	0 50	16 12	0 50	1 33	0 43	8 48	1 26	18 54	5 21	22 55	23 0	14 18	10 38	7 32
S 24	1 28	21 0	2 8	6 30	1 8	20 5	6 38	22 12	0 44	5 9	0 50	16 13	0 50	1 34	0 43	8 49	1 25	18 54	5 21	22 55	23 0	14 20	10 39	7 31
S 25	1 52	22 28	1 8	6 38	0 54	20 16	6 46	22 14	0 43	5 4	0 50	16 13	0 50	1 36	0 43	8 49	1 25	18 54	5 21	22 55	23 0	14 22	10 41	7 31
M26	2 16	22 55	0 5	6 44	0 41	20 26	6 54	22 17	0 42	4 58	0 50	16 14	0 50	1 37	0 43	8 50	1 25	18 54	5 21	22 55	23 0	14 24	10 42	7 30
T 27	2 39	22 17	1n 0	6 48	0 27	20 35	7 1	22 19	0 41	4 53	0 50	16 15	0 50	1 38	0 43	8 51	1 25	18 55	5 21	22 55	22 59	14 26	10 43	7 29
W28	3 3	20 30	2 4	6 49	0 15	20 43	7 9	22 22	0 40	4 47	0 50	16 16	0 50	1 40	0 43	8 52	1 25	18 55	5 21	22 55	22 59	14 28	10 44	7 29
T 29	3 26	17 38	3 3	6 48	0 2	20 50	7 16	22 24	0 39	4 42	0 51	16 16	0 50	1 41	0 43	8 53	1 25	18 55	5 21	22 55	22 59	14 30	10 45	7 28
F 30	3 50	13 45	3 54	6 45	0s10	20 55	7 22	22 26	0 38	4 37	0 51	16 17	0 50	1 42	0 43	8 53	1 25	18 55	5 21	22 54	22 59	14 32	10 45	7 27
S 31	4n13	9s 1	4n34	6s40	0s21	21n 0	7n29	22s29	0n37	4s31	0s51	16n18	0n50	1n44	0s43	8n54	1s25	18n56	5n21	22s54	22s59	14s34	10n46	7s27

Julian Day Number = 2884051.5, Delta T = 01h16m39s
Ecliptic obliquity = 23°17'09, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°19'27, Lahiri = 40°26'27

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ASTRODIENST EPHEMERIS for the year 3184
geocentric

APRIL 3184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 40 1	11♈43'23	8♓47	14♓31	7°R25	23♐ 8	20♓44	17°R27	6♈ 7	26♈44	22°R39	19°R42	20♐51	28♎13	8°R41	S 1
M 2	12 43 57	12°43'16	23°38	15°19	7♉16	23°28	20°58	17♌25	6°11	26°46	22♌38	19♐33	20°48	28°19	8♌40	M 2
T 3	12 47 54	13°43'07	8♈47	16°11	7° 5	23°48	21°12	17°23	6°14	26°49	22°37	19°22	20°45	28°26	8°39	T 3
W 4	12 51 50	14°42'56	24° 4	17° 6	6°51	24° 8	21°26	17°22	6°18	26°51	22°36	19°13	20°42	28°33	8°39	W 4
T 5	12 55 47	15°42'43	9♉17	18° 3	6°34	24°28	21°40	17°20	6°21	26°53	22°35	19° 6	20°38	28°39	8°38	T 5
F 6	12 59 43	16°42'28	24°16	19° 4	6°15	24°47	21°53	17°19	6°24	26°55	22°35	19° 1	20°35	28°46	8°38	F 6
S 7	13 3 40	17°42'11	8♊54	20° 7	5°54	25° 5	22° 7	17°18	6°28	26°58	22°34	18°58	20°32	28°53	8°37	S 7
S 8	13 7 36	18°41'52	23° 7	21°12	5°30	25°24	22°21	17°16	6°31	27° 0	22°33	18°D58	20°29	28°59	8°37	S 8
M 9	13 11 33	19°41'30	6♋53	22°20	5° 5	25°42	22°35	17°15	6°35	27° 2	22°33	18°59	20°26	29° 6	8°37	M 9
T 10	13 15 30	20°41'07	20°15	23°30	4°37	25°59	22°48	17°14	6°38	27° 4	22°32	18°R59	20°22	29°13	8°37	T 10
W11	13 19 26	21°40'41	3♌15	24°42	4° 7	26°16	23° 2	17°14	6°41	27° 7	22°31	18°58	20°19	29°19	8°D37	W11
T 12	13 23 23	22°40'13	15°56	25°56	3°36	26°32	23°15	17°13	6°45	27° 9	22°31	18°56	20°16	29°26	8°37	T 12
F 13	13 27 19	23°39'42	28°23	27°12	3° 3	26°49	23°29	17°12	6°48	27°11	22°30	18°51	20°13	29°33	8°37	F 13
S 14	13 31 16	24°39'09	10♍37	28°30	2°28	27° 4	23°42	17°12	6°51	27°14	22°30	18°43	20°10	29°40	8°37	S 14
S 15	13 35 12	25°38'34	22°43	29°49	1°53	27°19	23°55	17°12	6°55	27°16	22°29	18°34	20° 7	29°46	8°38	S 15
M16	13 39 9	26°37'57	4♎43	1♈11	1°16	27°34	24° 9	17°11	6°58	27°18	22°29	18°24	20° 3	29°53	8°38	M16
T 17	13 43 5	27°37'18	16°37	2°34	0°39	27°48	24°22	17°11	7° 1	27°20	22°28	18°14	20° 0	29°59	8°39	T 17
W18	13 47 2	28°36'37	28°29	3°59	0° 2	28° 2	24°35	17°D11	7° 4	27°23	22°28	18° 5	19°57	0♏ 6	8°39	W18
T 19	13 50 59	29°35'54	10♏19	5°25	29♈24	28°15	24°48	17°11	7° 8	27°25	22°27	17°57	19°54	0°13	8°40	T 19
F 20	13 54 55	0♉35'09	22°10	6°53	28°46	28°28	25° 1	17°11	7°11	27°27	22°27	17°52	19°51	0°20	8°41	F 20
S 21	13 58 52	1°34'22	4♐ 3	8°22	28° 9	28°40	25°14	17°12	7°14	27°29	22°27	17°48	19°48	0°26	8°42	S 21
S 22	14 2 48	2°33'34	16° 1	9°54	27°32	28°52	25°27	17°12	7°17	27°32	22°26	17°D47	19°44	0°33	8°43	S 22
M23	14 6 45	3°32'43	28° 8	11°26	26°56	29° 3	25°40	17°13	7°20	27°34	22°26	17°48	19°41	0°40	8°44	M23
T 24	14 10 41	4°31'51	10♑26	13° 0	26°21	29°13	25°53	17°13	7°24	27°36	22°26	17°49	19°38	0°46	8°45	T 24
W25	14 14 38	5°30'57	23° 2	14°36	25°48	29°23	26° 6	17°14	7°27	27°39	22°26	17°51	19°35	0°53	8°47	W25
T 26	14 18 34	6°30'01	5♒57	16°13	25°15	29°33	26°19	17°15	7°30	27°41	22°25	17°R51	19°32	1° 0	8°48	T 26
F 27	14 22 31	7°29'04	19°18	17°52	24°45	29°41	26°31	17°16	7°33	27°43	22°25	17°51	19°28	1° 7	8°50	F 27
S 28	14 26 28	8°28'05	3♓ 5	19°32	24°16	29°49	26°44	17°17	7°36	27°45	22°25	17°48	19°25	1°13	8°51	S 28
S 29	14 30 24	9°27'04	17°20	21°13	23°49	29°57	26°56	17°18	7°39	27°48	22°25	17°44	19°22	1°20	8°53	S 29
M30	14 34 21	10♉26'02	2♈ 0	22♈57	23♈25	0♑ 4	27♓ 9	17♌19	7♈42	27♈50	22♌25	17♐39	19♐19	1♏27	8♌55	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n36	3s37	4n57	6s33	0s32	21n 3	7n35	22s31	0n36	4s26	0s51	16n18	0n50	1n45	0s43	8n55	1s25	18n56	5n21	22s53	22s58	14s36	10n47	7s26
M 2	5 0	2n 7	5 2	6 25	0 43	21 5	7 40	22 33	0 35	4 20	0 51	16 19	0 50	1 46	0 43	8 56	1 25	18 56	5 21	22 53	22 58	14 38	10 48	7 25
T 3	5 23	7 51	4 46	6 14	0 53	21 6	7 45	22 35	0 33	4 15	0 51	16 19	0 50	1 48	0 43	8 57	1 25	18 56	5 21	22 52	22 58	14 39	10 49	7 24
W 4	5 46	13 8	4 9	6 2	1 3	21 5	7 49	22 37	0 32	4 10	0 51	16 20	0 50	1 49	0 43	8 57	1 25	18 57	5 21	22 51	22 58	14 41	10 50	7 24
T 5	6 9	17 34	3 15	5 48	1 12	21 3	7 53	22 39	0 31	4 4	0 51	16 20	0 50	1 50	0 43	8 58	1 25	18 57	5 21	22 50	22 57	14 43	10 51	7 23
F 6	6 32	20 47	2 8	5 32	1 20	21 0	7 56	22 41	0 30	3 59	0 51	16 21	0 50	1 52	0 43	8 59	1 25	18 57	5 21	22 50	22 57	14 45	10 52	7 22
S 7	6 54	22 31	0 54	5 15	1 29	20 55	7 59	22 43	0 29	3 54	0 52	16 21	0 50	1 53	0 43	9 0	1 25	18 57	5 21	22 50	22 57	14 47	10 52	7 22
S 8	7 17	22 44	0s22	4 57	1 36	20 49	8 1	22 45	0 27	3 49	0 52	16 21	0 50	1 54	0 43	9 1	1 25	18 57	5 21	22 50	22 57	14 49	10 53	7 21
M 9	7 39	21 32	1 34	4 36	1 43	20 41	8 2	22 47	0 26	3 43	0 52	16 22	0 50	1 56	0 43	9 1	1 25	18 58	5 21	22 50	22 57	14 51	10 54	7 20
T 10	8 2	19 9	2 39	4 15	1 50	20 32	8 2	22 49	0 25	3 38	0 52	16 22	0 50	1 57	0 43	9 2	1 25	18 58	5 21	22 50	22 56	14 53	10 55	7 19
W11	8 24	15 50	3 34	3 52	1 56	20 21	8 1	22 51	0 23	3 33	0 52	16 22	0 50	1 58	0 43	9 3	1 25	18 58	5 21	22 50	22 56	14 54	10 55	7 19
T 12	8 46	11 52	4 17	3 28	2 2	20 9	8 0	22 53	0 22	3 28	0 52	16 22	0 50	2 0	0 43	9 4	1 25	18 58	5 20	22 50	22 56	14 56	10 56	7 18
F 13	9 8	7 29	4 46	3 3	2 7	19 55	7 57	22 55	0 20	3 22	0 52	16 23	0 50	2 1	0 43	9 5	1 25	18 58	5 20	22 49	22 56	14 58	10 57	7 17
S 14	9 29	2 52	5 3	2 37	2 12	19 40	7 54	22 56	0 19	3 17	0 52	16 23	0 50	2 2	0 43	9 5	1 25	18 58	5 20	22 49	22 55	15 0	10 57	7 17
S 15	9 51	1s48	5 5	2 9	2 16	19 24	7 50	22 58	0 17	3 12	0 52	16 23	0 50	2 4	0 43	9 6	1 25	18 58	5 20	22 48	22 55	15 2	10 58	7 16
M16	10 12	6 21	4 53	1 40	2 20	19 6	7 45	23 0	0 16	3 7	0 53	16 23	0 50	2 5	0 43	9 7	1 25	18 59	5 20	22 47	22 55	15 4	10 59	7 15
T 17	10 34	10 38	4 29	1 10	2 23	18 48	7 39	23 2	0 14	3 2	0 53	16 23	0 50	2 6	0 43	9 8	1 25	18 59	5 20	22 46	22 55	15 6	10 59	7 14
W18	10 55	14 30	3 54	0 40	2 26	18 28	7 33	23 4	0 12	2 57	0 53	16 23	0 50	2 7	0 43	9 9	1 25	18 59	5 20	22 45	22 54	15 7	11 0	7 14
T 19	11 16	17 48	3 8	0 8	2 28	18 7	7 25	23 6	0 11	2 52	0 53	16 23	0 50	2 9	0 44	9 9	1 25	18 59	5 20	22 45	22 54	15 9	11 0	7 13
F 20	11 36	20 21	2 14	0n25	2 30	17 46	7 17	23 8	0 9	2 47	0 53	16 23	0 50	2 10	0 44	9 10	1 25	18 59	5 20	22 44	22 54	15 11	11 1	7 12
S 21	11 57	22 2	1 14	0 59	2 31	17 24	7 7	23 9	0 7	2 42	0 53	16 23	0 50	2 11	0 44	9 11	1 25	18 59	5 20	22 44	22 54	15 13	11 1	7 11
S 22	12 17	22 43	0 10	1 34	2 32	17 1	6 58	23 11	0 6	2 37	0 53	16 23	0 50	2 12	0 44	9 12	1 25	18 59	5 20	22 44	22 54	15 15	11 2	7 11
M23	12 37	22 21	0n56	2 10	2 32	16 38	6 47	23 13	0 4	2 32	0 54	16 23	0 50	2 14	0 44	9 13	1 25	18 59	5 20	22 44	22 53	15 16	11 2	7 10
T 24	12 57	20 53	2 0	2 46	2 32	16 15	6 36	23 15	0 2	2 27	0 54	16 22	0 50	2 15	0 44	9 13	1 25	18 59	5 20	22 44	22 53	15 18	11 2	7 9
W25	13 17	18 23	2 59	3 23	2 31	15 51	6 24	23 17	0 0	2 22	0 54	16 22	0 50	2 16	0 44	9 14	1 25	18 59	5 20	22 44	22 53	15 20	11 3	7 8
T 26	13 36	14 55	3 52	4 2	2 30	15 28	6 11	23 19	0s 2	2 17	0 54	16 22	0 50	2 17	0 44	9 15	1 25	18 59	5 20	22 44	22 53	15 22	11 3	7 8
F 27	13 55	10 36	4 33	4 40	2 28	15 5	5 58	23 21	0 4	2 12	0 54	16 22	0 50	2 19	0 44	9 16	1 25	18 59	5 20	22 44	22 52	15 24	11 3	7 7
S 28	14 14	5 38	5 1	5 20	2 26	14 42	5 45	23 23	0 6	2 7	0 54	16 21	0 50	2 20	0 44	9 17	1 25	18 59	5 19	22 44	22 52	15 25	11 4	7 6
S 29	14 33	0 12	5 11	6 0	2 24	14 19	5 32	23 25	0 8	2 3	0 54	16 21	0 50	2 21	0 44	9 17	1 25	18 59	5 19	22 43	22 52	15 27	11 4	7 6
M30	14n51	5n24	5n 1	6n41	2s21	13n57	5n18	23s27	0s10	1s58	0s55	16n20	0n50	2n22	0s44	9n18	1s25	18n59	5n19	22s43	22s52	15s29	11n 4	7s 5

Julian Day Number = 2884082.5, Delta T = 01h16m40s
Ecliptic obliquity = 23°17'09, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°19'31, Lahiri = 40°26'31

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ASTRODIENST EPHEMERIS for the year 3184
geocentric

MAY 3184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 38 17	11♉24'57	17♈ 1	24♈41	23°R 2	0♋10	27♓21	17♌21	7♈45	27♈52	22°R25	17°R34	19♐16	1♏33	8♌57	T 1
W 2	14 42 14	12°23'51	2♉13	26°28	22♈42	0°15	27°33	17°22	7°48	27°54	22♌24	17♐29	19°13	1°40	8°59	W 2
T 3	14 46 10	13°22'44	17°28	28°15	22°24	0°20	27°45	17°24	7°51	27°56	22°24	17°25	19° 9	1°47	9° 1	T 3
F 4	14 50 7	14°21'34	2♊34	0♉ 5	22° 9	0°24	27°58	17°25	7°54	27°59	22°D24	17°22	19° 6	1°53	9° 3	F 4
S 5	14 54 3	15°20'22	17°22	1°56	21°56	0°28	28°10	17°27	7°57	28° 1	22°24	17°D22	19° 3	2° 0	9° 5	S 5
S 6	14 58 0	16°19'08	1♋47	3°48	21°45	0°31	28°22	17°29	8° 0	28° 3	22°24	17°22	19° 0	2° 7	9° 7	S 6
M 7	15 1 57	17°17'53	15°45	5°42	21°37	0°33	28°33	17°31	8° 3	28° 5	22°24	17°24	18°57	2°13	9°10	M 7
T 8	15 5 53	18°16'34	29°16	7°38	21°31	0°34	28°45	17°33	8° 5	28° 7	22°25	17°25	18°53	2°20	9°12	T 8
W 9	15 9 50	19°15'14	12♌22	9°35	21°28	0°R34	28°57	17°36	8° 8	28°10	22°25	17°26	18°50	2°27	9°15	W 9
T 10	15 13 46	20°13'51	25° 5	11°34	21°D27	0°34	29° 9	17°38	8°11	28°12	22°25	17°R26	18°47	2°33	9°18	T 10
F 11	15 17 43	21°12'27	7♍31	13°34	21°28	0°34	29°20	17°40	8°14	28°14	22°25	17°25	18°44	2°40	9°20	F 11
S 12	15 21 39	22°11'00	19°42	15°36	21°32	0°32	29°31	17°43	8°16	28°16	22°25	17°23	18°41	2°47	9°23	S 12
S 13	15 25 36	23° 9'31	1♎42	17°39	21°38	0°30	29°43	17°46	8°19	28°18	22°25	17°20	18°38	2°54	9°26	S 13
M14	15 29 32	24° 8'00	13°37	19°43	21°46	0°26	29°54	17°48	8°22	28°20	22°26	17°16	18°34	3° 0	9°29	M14
T 15	15 33 29	25° 6'27	25°27	21°49	21°56	0°23	0♈ 5	17°51	8°24	28°22	22°26	17°12	18°31	3° 7	9°32	T 15
W16	15 37 25	26° 4'52	7♏17	23°56	22° 9	0°18	0°16	17°54	8°27	28°24	22°26	17° 9	18°28	3°14	9°36	W16
T 17	15 41 22	27° 3'15	19° 9	26° 3	22°23	0°13	0°27	17°57	8°30	28°26	22°27	17° 6	18°25	3°20	9°39	T 17
F 18	15 45 19	28° 1'37	1♐ 4	28°12	22°40	0° 7	0°38	18° 0	8°32	28°28	22°27	17° 4	18°22	3°27	9°42	F 18
S 19	15 49 15	28°59'56	13° 4	0♊21	22°58	29♐59	0°49	18° 3	8°35	28°30	22°27	17°D 3	18°19	3°34	9°46	S 19
S 20	15 53 12	29°58'15	25°12	2°31	23°19	29°52	0°59	18° 7	8°37	28°32	22°28	17° 4	18°15	3°40	9°49	S 20
M21	15 57 8	0♊56'31	7♋30	4°40	23°41	29°44	1°10	18°10	8°39	28°34	22°28	17° 4	18°12	3°47	9°53	M21
T 22	16 1 5	1°54'46	20° 0	6°50	24° 5	29°35	1°20	18°14	8°42	28°36	22°29	17° 6	18° 9	3°54	9°57	T 22
W23	16 5 1	2°52'59	2♒44	8°59	24°30	29°25	1°31	18°17	8°44	28°38	22°29	17° 7	18° 6	4° 0	10° 0	W23
T 24	16 8 58	3°51'11	15°45	11° 8	24°57	29°14	1°41	18°21	8°46	28°40	22°29	17° 8	18° 3	4° 7	10° 4	T 24
F 25	16 12 55	4°49'22	29° 5	13°15	25°26	29° 3	1°51	18°25	8°49	28°42	22°30	17°R 8	17°59	4°14	10° 8	F 25
S 26	16 16 51	5°47'31	12♓47	15°21	25°56	28°51	2° 1	18°29	8°51	28°44	22°31	17° 8	17°56	4°20	10°12	S 26
S 27	16 20 48	6°45'39	26°50	17°26	26°28	28°38	2°11	18°33	8°53	28°46	22°31	17° 8	17°53	4°27	10°16	S 27
M28	16 24 44	7°43'45	11♈15	19°28	27° 1	28°24	2°21	18°37	8°55	28°48	22°32	17° 7	17°50	4°34	10°20	M28
T 29	16 28 41	8°41'50	25°56	21°29	27°36	28°10	2°30	18°41	8°57	28°50	22°32	17° 6	17°47	4°40	10°24	T 29
W30	16 32 37	9°39'54	10♉50	23°27	28°11	27°55	2°40	18°45	8°59	28°52	22°33	17° 5	17°44	4°47	10°29	W30
T 31	16 36 34	10♊37'57	25♉49	25♊23	28♈48	27♐40	2♈49	18♌49	9♈ 2	28♈54	22♌34	17♐ 5	17♐40	4♏54	10♌33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n10	10n49	4n31	7n23	2s17	13n36	5n 4	23s29	0s12	1s53	0s55	16n20	0n50	2n23	0s44	9n19	1s26	18n59	5n19	22s42	22s51	15s31	11n 4	7s 4
W 2	15 28	15 38	3 41	8 5	2 13	13 15	4 49	23 32	0 14	1 48	0 55	16 20	0 50	2 24	0 44	9 20	1 26	18 59	5 19	22 42	22 51	15 33	11 5	7 3
T 3	15 45	19 26	2 36	8 47	2 8	12 55	4 35	23 34	0 17	1 44	0 55	16 19	0 50	2 26	0 44	9 20	1 26	18 59	5 19	22 42	22 51	15 34	11 5	7 3
F 4	16 3	21 51	1 20	9 30	2 3	12 36	4 21	23 36	0 19	1 39	0 55	16 19	0 50	2 27	0 44	9 21	1 26	18 59	5 19	22 41	22 51	15 36	11 5	7 2
S 5	16 20	22 41	0s 0	10 14	1 57	12 18	4 6	23 38	0 21	1 35	0 55	16 18	0 50	2 28	0 44	9 22	1 26	18 59	5 19	22 41	22 50	15 38	11 5	7 1
S 6	16 37	21 58	1 18	10 57	1 51	12 1	3 52	23 41	0 24	1 30	0 56	16 17	0 50	2 29	0 44	9 23	1 26	18 59	5 19	22 41	22 50	15 40	11 5	7 1
M 7	16 53	19 53	2 29	11 41	1 45	11 44	3 38	23 43	0 26	1 25	0 56	16 17	0 50	2 30	0 44	9 24	1 26	18 59	5 19	22 42	22 50	15 41	11 5	7 0
T 8	17 10	16 45	3 30	12 25	1 38	11 29	3 24	23 46	0 28	1 21	0 56	16 16	0 50	2 31	0 44	9 24	1 26	18 59	5 19	22 42	22 49	15 43	11 5	6 59
W 9	17 26	12 52	4 17	13 10	1 30	11 15	3 10	23 48	0 31	1 16	0 56	16 15	0 50	2 32	0 44	9 25	1 26	18 58	5 19	22 42	22 49	15 45	11 5	6 58
T 10	17 41	8 30	4 50	13 54	1 22	11 2	2 56	23 51	0 34	1 12	0 56	16 15	0 50	2 33	0 44	9 26	1 26	18 58	5 19	22 42	22 49	15 47	11 5	6 58
F 11	17 57	3 54	5 9	14 38	1 14	10 50	2 42	23 53	0 36	1 8	0 56	16 14	0 50	2 34	0 44	9 26	1 26	18 58	5 19	22 42	22 49	15 48	11 5	6 57
S 12	18 12	0s46	5 14	15 22	1 5	10 39	2 29	23 56	0 39	1 3	0 57	16 13	0 50	2 35	0 44	9 27	1 26	18 58	5 18	22 41	22 48	15 50	11 5	6 56
S 13	18 27	5 20	5 4	16 5	0 56	10 29	2 16	23 59	0 41	0 59	0 57	16 12	0 50	2 36	0 44	9 28	1 26	18 58	5 18	22 41	22 48	15 52	11 5	6 56
M14	18 41	9 40	4 42	16 48	0 47	10 20	2 3	24 1	0 44	0 55	0 57	16 12	0 50	2 37	0 44	9 29	1 26	18 58	5 18	22 41	22 48	15 54	11 5	6 55
T 15	18 55	13 37	4 7	17 30	0 37	10 12	1 50	24 4	0 47	0 50	0 57	16 11	0 50	2 38	0 44	9 29	1 26	18 58	5 18	22 40	22 48	15 55	11 5	6 54
W16	19 9	17 2	3 22	18 12	0 27	10 5	1 38	24 7	0 50	0 46	0 57	16 10	0 50	2 39	0 44	9 30	1 26	18 57	5 18	22 40	22 47	15 57	11 5	6 54
T 17	19 22	19 46	2 28	18 52	0 17	9 59	1 26	24 10	0 53	0 42	0 58	16 9	0 50	2 40	0 44	9 31	1 26	18 57	5 18	22 40	22 47	15 59	11 4	6 53
F 18	19 36	21 40	1 27	19 32	0 7	9 55	1 14	24 13	0 56	0 38	0 58	16 8	0 50	2 41	0 44	9 31	1 26	18 57	5 18	22 40	22 47	16 0	11 4	6 52
S 19	19 48	22 35	0 22	20 10	0n 4	9 51	1 3	24 16	0 58	0 34	0 58	16 7	0 50	2 42	0 44	9 32	1 26	18 57	5 18	22 40	22 46	16 2	11 4	6 52
S 20	20 1	22 27	0n45	20 46	0 15	9 48	0 52	24 19	1 1	0 30	0 58	16 6	0 50	2 43	0 44	9 33	1 26	18 57	5 18	22 40	22 46	16 4	11 4	6 51
M21	20 13	21 14	1 51	21 21	0 25	9 46	0 41	24 22	1 4	0 26	0 58	16 5	0 50	2 44	0 44	9 34	1 26	18 56	5 18	22 40	22 46	16 5	11 3	6 50
T 22	20 25	18 58	2 52	21 54	0 36	9 45	0 30	24 25	1 7	0 22	0 59	16 4	0 50	2 45	0 44	9 34	1 26	18 56	5 18	22 40	22 46	16 7	11 3	6 50
W23	20 36	15 44	3 47	22 25	0 46	9 45	0 20	24 28	1 10	0 18	0 59	16 3	0 50	2 46	0 44	9 35	1 26	18 56	5 18	22 40	22 45	16 9	11 3	6 49
T 24	20 47	11 42	4 31	22 53	0 56	9 46	0 10	24 31	1 14	0 14	0 59	16 2	0 50	2 47	0 44	9 36	1 26	18 56	5 18	22 40	22 45	16 10	11 2	6 49
F 25	20 58	7 0	5 1	23 20	1 5	9 47	0 1	24 34	1 17	0 10	0 59	16 0	0 50	2 48	0 44	9 36	1 26	18 56	5 18	22 40	22 45	16 12	11 2	6 48
S 26	21 8	1 51	5 16	23 44	1 15	9 49	0s 9	24 37	1 20	0 7	0 59	15 59	0 50	2 48	0 44	9 37	1 26	18 55	5 17	22 40	22 45	16 14	11 2	6 47
S 27	21 18	3n32	5 12	24 5	1 24	9 52	0 18	24 40	1 23	0 3	1 0	15 58	0 50	2 49	0 44	9 37	1 26	18 55	5 17	22 40	22 44	16 15	11 1	6 47
M28	21 28	8 52	4 49	24 24	1 32	9 56	0 26	24 43	1 26	0n 1	1 0	15 57	0 50	2 50	0 44	9 38	1 26	18 55	5 17	22 40	22 44	16 17	11 1	6 46
T 29	21 37	13 48	4 7	24 40	1 40	10 1	0 35	24 46	1 29	0 4	1 0	15 56	0 50	2 51	0 44	9 39	1 26	18 55	5 17	22 40	22 44	16 19	11 0	6 45
W30	21 45	17 57	3 8	24 54	1 47	10 6	0 43	24 49	1 33	0 8	1 0	15 54	0 50	2 52	0 44	9 39	1 26	18 54	5 17	22 40	22 43	16 20	11 0	6 45
T 31	21n54	20n57	1n55	25n 5	1n53	10n11	0s51	24s52	1s36	0n11	1s 0	15n53	0n50	2n52	0s44	9n40	1s26	18n54	5n17	22s40	22s43	16s22	10n59	6s44

Julian Day Number = 2884112.5, Delta T = 01h16m40s
Ecliptic obliquity = 23°17'09, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°19'35, Lahiri = 40°26'35

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ASTRODIENST EPHEMERIS for the year 3184
geocentric

JUNE 3184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 40 30	11♊35'58	10♊44	27♊16	29♈26	27°R24	2♈59	18♌54	9♈ 4	28♈55	22♌34	17°D 4	17♐37	5♏ 0	10♌37	F 1
S 2	16 44 27	12°33'58	25°28	29° 6	0♉ 5	27♐ 7	3° 8	18°58	9° 6	28°57	22°35	17♐ 4	17°34	5° 7	10°42	S 2
S 3	16 48 24	13°31'56	9♋54	0♋54	0°46	26°50	3°17	19° 3	9° 7	28°59	22°36	17° 4	17°31	5°14	10°47	S 3
M 4	16 52 20	14°29'53	23°57	2°38	1°27	26°32	3°26	19° 7	9° 9	29° 1	22°37	17° 5	17°28	5°21	10°51	M 4
T 5	16 56 17	15°27'47	7♌35	4°19	2° 9	26°14	3°35	19°12	9°11	29° 2	22°37	17° 5	17°25	5°27	10°56	T 5
W 6	17 0 13	16°25'41	20°47	5°57	2°53	25°55	3°43	19°17	9°13	29° 4	22°38	17° 5	17°21	5°34	11° 1	W 6
T 7	17 4 10	17°23'32	3♍36	7°31	3°37	25°36	3°52	19°22	9°15	29° 6	22°39	17°R 5	17°18	5°41	11° 5	T 7
F 8	17 8 6	18°21'22	16° 4	9° 2	4°22	25°16	4° 0	19°27	9°16	29° 7	22°40	17°D 5	17°15	5°47	11°10	F 8
S 9	17 12 3	19°19'10	28°16	10°30	5° 8	24°56	4° 8	19°32	9°18	29° 9	22°41	17° 5	17°12	5°54	11°15	S 9
S 10	17 15 59	20°16'56	10♎17	11°54	5°55	24°36	4°16	19°37	9°20	29°11	22°42	17° 5	17° 9	6° 1	11°20	S 10
M11	17 19 56	21°14'41	22°10	13°15	6°42	24°16	4°24	19°42	9°21	29°12	22°43	17° 6	17° 5	6° 7	11°25	M11
T 12	17 23 53	22°12'25	3♏59	14°32	7°30	23°55	4°32	19°47	9°23	29°14	22°44	17° 6	17° 2	6°14	11°30	T 12
W13	17 27 49	23°10'07	15°50	15°46	8°20	23°34	4°40	19°53	9°24	29°15	22°45	17° 7	16°59	6°21	11°36	W13
T 14	17 31 46	24° 7'48	27°45	16°56	9° 9	23°13	4°48	19°58	9°26	29°17	22°46	17° 7	16°56	6°27	11°41	T 14
F 15	17 35 42	25° 5'27	9♐46	18° 2	10° 0	22°52	4°55	20° 3	9°27	29°18	22°47	17° 8	16°53	6°34	11°46	F 15
S 16	17 39 39	26° 3'05	21°58	19° 4	10°51	22°31	5° 2	20° 9	9°29	29°20	22°48	17°R 8	16°50	6°41	11°51	S 16
S 17	17 43 35	27° 0'42	4♑20	20° 3	11°43	22°10	5° 9	20°15	9°30	29°21	22°49	17° 7	16°46	6°47	11°57	S 17
M18	17 47 32	27°58'18	16°55	20°58	12°35	21°49	5°16	20°20	9°31	29°22	22°50	17° 6	16°43	6°54	12° 2	M18
T 19	17 51 28	28°55'53	29°43	21°49	13°28	21°28	5°23	20°26	9°32	29°24	22°51	17° 5	16°40	7° 1	12° 8	T 19
W20	17 55 25	29°53'27	12♒44	22°35	14°21	21° 8	5°30	20°32	9°34	29°25	22°52	17° 3	16°37	7° 7	12°13	W20
T 21	17 59 22	0♋51'00	26° 1	23°18	15°15	20°47	5°36	20°38	9°35	29°26	22°53	17° 2	16°34	7°14	12°19	T 21
F 22	18 3 18	1°48'33	9♓31	23°56	16°10	20°27	5°43	20°44	9°36	29°28	22°54	17° 0	16°31	7°21	12°25	F 22
S 23	18 7 15	2°46'04	23°16	24°31	17° 5	20° 6	5°49	20°49	9°37	29°29	22°56	16°59	16°27	7°27	12°30	S 23
S 24	18 11 11	3°43'35	7♈15	25° 0	18° 1	19°47	5°55	20°56	9°38	29°30	22°57	16°D59	16°24	7°34	12°36	S 24
M25	18 15 8	4°41'05	21°27	25°26	18°57	19°27	6° 1	21° 2	9°39	29°31	22°58	17° 0	16°21	7°41	12°42	M25
T 26	18 19 4	5°38'35	5♉50	25°47	19°53	19° 8	6° 6	21° 8	9°40	29°33	22°59	17° 1	16°18	7°47	12°48	T 26
W27	18 23 1	6°36'04	20°20	26° 3	20°50	18°49	6°12	21°14	9°40	29°34	23° 1	17° 2	16°15	7°54	12°54	W27
T 28	18 26 57	7°33'32	4♊55	26°15	21°48	18°31	6°17	21°20	9°41	29°35	23° 2	17° 3	16°11	8° 1	13° 0	T 28
F 29	18 30 54	8°31'00	19°27	26°22	22°45	18°13	6°23	21°27	9°42	29°36	23° 3	17°R 3	16° 8	8° 7	13° 6	F 29
S 30	18 34 51	9♋28'28	3♋53	26°R24	23♉44	17♐56	6♈28	21♌33	9♈43	29♈37	23♌ 4	17♐ 3	16♐ 5	8♏14	13♌12	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 2	22n29	0n35	25n14	1n58	10n18	0s58	24s55	1s39	0n15	1s 1	15n52	0n50	2n53	0s44	9n40	1s26	18n54	5n17	22s40	22s43	16s24	10n58	6s44
S 2	22 9	22 26	0s47	25 20	2 3	10 25	1 5	24 58	1 43	0 18	1 1	15 50	0 50	2 54	0 44	9 41	1 26	18 53	5 17	22 40	22 43	16 25	10 58	6 43
S 3	22 17	20 52	2 3	25 24	2 7	10 32	1 12	25 1	1 46	0 22	1 1	15 49	0 50	2 55	0 44	9 42	1 26	18 53	5 17	22 40	22 42	16 27	10 57	6 43
M 4	22 23	18 3	3 11	25 26	2 11	10 40	1 19	25 3	1 49	0 25	1 1	15 47	0 50	2 55	0 44	9 42	1 26	18 53	5 17	22 40	22 42	16 29	10 56	6 42
T 5	22 30	14 18	4 5	25 26	2 13	10 48	1 26	25 6	1 52	0 28	1 2	15 46	0 50	2 56	0 45	9 43	1 26	18 52	5 17	22 40	22 42	16 30	10 56	6 41
W 6	22 36	9 58	4 45	25 23	2 14	10 57	1 32	25 9	1 56	0 31	1 2	15 44	0 50	2 57	0 45	9 43	1 27	18 52	5 17	22 40	22 41	16 32	10 55	6 41
T 7	22 42	5 19	5 9	25 19	2 15	11 6	1 38	25 11	1 59	0 35	1 2	15 43	0 50	2 57	0 45	9 44	1 27	18 52	5 17	22 40	22 41	16 33	10 54	6 40
F 8	22 47	0 35	5 17	25 13	2 15	11 16	1 43	25 14	2 2	0 38	1 2	15 41	0 50	2 58	0 45	9 44	1 27	18 51	5 17	22 40	22 41	16 35	10 54	6 40
S 9	22 52	4s 5	5 12	25 6	2 14	11 26	1 49	25 16	2 5	0 41	1 2	15 40	0 50	2 59	0 45	9 45	1 27	18 51	5 17	22 40	22 40	16 37	10 53	6 39
S 10	22 56	8 31	4 52	24 57	2 12	11 37	1 54	25 19	2 8	0 44	1 3	15 38	0 50	2 59	0 45	9 45	1 27	18 51	5 17	22 40	22 40	16 38	10 52	6 39
M11	23 0	12 36	4 20	24 46	2 9	11 47	1 59	25 21	2 11	0 47	1 3	15 37	0 50	3 0	0 45	9 46	1 27	18 50	5 16	22 40	22 40	16 40	10 51	6 38
T 12	23 3	16 11	3 37	24 35	2 5	11 59	2 4	25 23	2 15	0 49	1 3	15 35	0 50	3 0	0 45	9 47	1 27	18 50	5 16	22 40	22 40	16 41	10 50	6 38
W13	23 7	19 6	2 45	24 22	2 1	12 10	2 8	25 25	2 18	0 52	1 3	15 33	0 50	3 1	0 45	9 47	1 27	18 50	5 16	22 40	22 39	16 43	10 49	6 37
T 14	23 9	21 15	1 46	24 8	1 56	12 22	2 12	25 27	2 21	0 55	1 4	15 32	0 50	3 2	0 45	9 47	1 27	18 49	5 16	22 40	22 39	16 45	10 48	6 37
F 15	23 12	22 27	0 41	23 53	1 49	12 33	2 17	25 29	2 24	0 58	1 4	15 30	0 50	3 2	0 45	9 48	1 27	18 49	5 16	22 40	22 39	16 46	10 48	6 36
S 16	23 14	22 36	0n27	23 37	1 42	12 45	2 20	25 31	2 27	1 0	1 4	15 28	0 50	3 3	0 45	9 48	1 27	18 48	5 16	22 40	22 38	16 48	10 47	6 36
S 17	23 15	21 39	1 34	23 21	1 34	12 58	2 24	25 32	2 29	1 3	1 4	15 26	0 50	3 3	0 45	9 49	1 27	18 48	5 16	22 40	22 38	16 49	10 46	6 35
M18	23 16	19 37	2 38	23 4	1 25	13 10	2 27	25 34	2 32	1 5	1 5	15 25	0 50	3 4	0 45	9 49	1 27	18 48	5 16	22 40	22 38	16 51	10 45	6 35
T 19	23 17	16 35	3 35	22 47	1 16	13 23	2 31	25 35	2 35	1 8	1 5	15 23	0 50	3 4	0 45	9 50	1 27	18 47	5 16	22 40	22 37	16 52	10 44	6 34
W20	23 17	12 41	4 21	22 29	1 5	13 36	2 34	25 37	2 38	1 10	1 5	15 21	0 50	3 4	0 45	9 50	1 27	18 47	5 16	22 40	22 37	16 54	10 42	6 34
T 21	23 17	8 8	4 55	22 11	0 54	13 48	2 37	25 38	2 40	1 13	1 5	15 19	0 50	3 5	0 45	9 51	1 27	18 46	5 16	22 39	22 37	16 56	10 41	6 33
F 22	23 16	3 6	5 13	21 52	0 42	14 1	2 39	25 39	2 43	1 15	1 6	15 17	0 50	3 5	0 45	9 51	1 27	18 46	5 16	22 39	22 36	16 57	10 40	6 33
S 23	23 15	2n10	5 14	21 34	0 30	14 15	2 42	25 40	2 45	1 17	1 6	15 15	0 50	3 6	0 45	9 51	1 27	18 46	5 16	22 39	22 36	16 59	10 39	6 33
S 24	23 14	7 24	4 57	21 16	0 16	14 28	2 44	25 41	2 48	1 19	1 6	15 14	0 50	3 6	0 45	9 52	1 27	18 45	5 16	22 39	22 36	17 0	10 38	6 32
M25	23 12	12 21	4 21	20 57	0 2	14 41	2 46	25 42	2 50	1 21	1 6	15 12	0 50	3 6	0 45	9 52	1 27	18 45	5 16	22 39	22 35	17 2	10 37	6 32
T 26	23 10	16 39	3 28	20 39	0s12	14 54	2 48	25 42	2 52	1 23	1 7	15 10	0 50	3 7	0 45	9 53	1 27	18 44	5 16	22 39	22 35	17 3	10 36	6 31
W27	23 7	20 0	2 22	20 21	0 28	15 7	2 50	25 43	2 55	1 25	1 7	15 8	0 50	3 7	0 45	9 53	1 27	18 44	5 16	22 39	22 35	17 5	10 34	6 31
T 28	23 4	22 4	1 7	20 3	0 43	15 20	2 51	25 44	2 57	1 27	1 7	15 6	0 50	3 7	0 45	9 53	1 27	18 43	5 16	22 40	22 34	17 6	10 33	6 31
F 29	23 1	22 39	0s13	19 46	1 0	15 33	2 53	25 44	2 59	1 29	1 8	15 4	0 51	3 7	0 45	9 54	1 28	18 43	5 16	22 40	22 34	17 8	10 32	6 30
S 30	22n57	21n42	1s31	19n29	1s16	15n46	2s54	25s44	3s 1	1n31	1s 8	15n 2	0n51	3n 8	0s45	9n54	1s28	18n42	5n16	22s40	22s34	17s 9	10n31	6s30

Julian Day Number = 2884143.5, Delta T = 01h16m41s
Ecliptic obliquity = 23°17'08, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°19'39, Lahiri = 40°26'40

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ASTRODIENST EPHEMERIS for the year 3184
geocentric

JULY 3184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 38 47	10♋25'54	18♋ 6	26°R22	24♉42	17°R40	6♈32	21♌39	9♈43	29♈38	23♌ 6	17°R 1	16♐ 2	8♏21	13♌18	S 1
M 2	18 42 44	11°23'20	2♌ 2	26♋16	25°41	17♐24	6°37	21°46	9°44	29°39	23° 7	16♐58	15°59	8°27	13°24	M 2
T 3	18 46 40	12°20'45	15°37	26° 6	26°40	17° 9	6°42	21°52	9°45	29°40	23° 8	16°54	15°56	8°34	13°30	T 3
W 4	18 50 37	13°18'09	28°50	25°51	27°40	16°54	6°46	21°59	9°45	29°41	23°10	16°50	15°52	8°41	13°36	W 4
T 5	18 54 33	14°15'32	11♍40	25°32	28°40	16°40	6°50	22° 6	9°46	29°42	23°11	16°47	15°49	8°48	13°42	T 5
F 6	18 58 30	15°12'54	24°11	25°10	29°40	16°27	6°54	22°12	9°46	29°43	23°13	16°44	15°46	8°54	13°49	F 6
S 7	19 2 27	16°10'15	6♎25	24°44	0♊41	16°14	6°58	22°19	9°46	29°44	23°14	16°42	15°43	9° 1	13°55	S 7
S 8	19 6 23	17° 7'36	18°26	24°16	1°42	16° 3	7° 2	22°26	9°47	29°44	23°16	16°D42	15°40	9° 8	14° 1	S 8
M 9	19 10 20	18° 4'56	0♏19	23°45	2°43	15°52	7° 5	22°33	9°47	29°45	23°17	16°43	15°37	9°14	14° 8	M 9
T 10	19 14 16	19° 2'15	12° 9	23°13	3°44	15°42	7° 8	22°40	9°47	29°46	23°18	16°44	15°33	9°21	14°14	T 10
W11	19 18 13	19°59'33	24° 1	22°39	4°46	15°32	7°11	22°46	9°47	29°47	23°20	16°46	15°30	9°28	14°20	W11
T 12	19 22 9	20°56'51	5♐59	22° 4	5°48	15°24	7°14	22°53	9°47	29°47	23°21	16°47	15°27	9°34	14°27	T 12
F 13	19 26 6	21°54'08	18° 7	21°29	6°50	15°16	7°17	23° 0	9°47	29°48	23°23	16°R48	15°24	9°41	14°33	F 13
S 14	19 30 2	22°51'25	0♑29	20°54	7°53	15° 9	7°20	23° 7	9°R48	29°49	23°24	16°47	15°21	9°48	14°40	S 14
S 15	19 33 59	23°48'41	13° 7	20°21	8°55	15° 3	7°22	23°14	9°47	29°49	23°26	16°44	15°17	9°54	14°46	S 15
M16	19 37 56	24°45'57	26° 1	19°48	9°58	14°58	7°24	23°22	9°47	29°50	23°28	16°40	15°14	10° 1	14°53	M16
T 17	19 41 52	25°43'12	9♒11	19°19	11° 2	14°54	7°26	23°29	9°47	29°50	23°29	16°34	15°11	10° 8	15° 0	T 17
W18	19 45 49	26°40'28	22°37	18°51	12° 5	14°50	7°28	23°36	9°47	29°51	23°31	16°28	15° 8	10°14	15° 6	W18
T 19	19 49 45	27°37'43	6♓17	18°27	13° 9	14°48	7°29	23°43	9°47	29°51	23°32	16°22	15° 5	10°21	15°13	T 19
F 20	19 53 42	28°34'58	20° 7	18° 6	14°13	14°46	7°31	23°50	9°47	29°52	23°34	16°16	15° 2	10°28	15°20	F 20
S 21	19 57 38	29°32'13	4♈ 6	17°50	15°17	14°45	7°32	23°58	9°46	29°52	23°35	16°12	14°58	10°34	15°26	S 21
S 22	20 1 35	0♌29'28	18°11	17°37	16°21	14°D44	7°33	24° 5	9°46	29°53	23°37	16° 9	14°55	10°41	15°33	S 22
M23	20 5 31	1°26'44	2♉20	17°29	17°26	14°45	7°34	24°12	9°46	29°53	23°39	16°D 9	14°52	10°48	15°40	M23
T 24	20 9 28	2°24'00	16°31	17°D26	18°31	14°46	7°34	24°19	9°45	29°53	23°40	16° 9	14°49	10°54	15°46	T 24
W25	20 13 25	3°21'16	0♊42	17°28	19°36	14°49	7°35	24°27	9°45	29°53	23°42	16°10	14°46	11° 1	15°53	W25
T 26	20 17 21	4°18'33	14°53	17°35	20°41	14°52	7°35	24°34	9°44	29°54	23°44	16°R11	14°43	11° 8	16° 0	T 26
F 27	20 21 18	5°15'50	28°59	17°47	21°46	14°56	7°R35	24°42	9°44	29°54	23°45	16°10	14°39	11°14	16° 7	F 27
S 28	20 25 14	6°13'07	13♋ 0	18° 4	22°51	15° 0	7°35	24°49	9°43	29°54	23°47	16° 8	14°36	11°21	16°14	S 28
S 29	20 29 11	7°10'24	26°51	18°26	23°57	15° 6	7°35	24°57	9°42	29°54	23°49	16° 3	14°33	11°28	16°20	S 29
M30	20 33 7	8° 7'42	10♌29	18°53	25° 3	15°12	7°34	25° 4	9°41	29°54	23°50	15°56	14°30	11°34	16°27	M30
T 31	20 37 4	9♌ 4'59	23♌51	19♋26	26♊ 9	15♐19	7♈33	25♌12	9♈41	29♈54	23♌52	15♐47	14♐27	11♏41	16♌34	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n53	19n23	2s43	19n13	1s33	15n59	2s55	25s45	3s 3	1n32	1s 8	15n 0	0n51	3n 8	0s45	9n54	1s28	18n42	5n16	22s39	22s33	17s11	10n29	6s29
M 2	22 48	15 58	3 43	18 58	1 50	16 12	2 56	25 45	3 4	1 34	1 8	14 58	0 51	3 8	0 45	9 55	1 28	18 41	5 16	22 39	22 33	17 12	10 28	6 29
T 3	22 43	11 46	4 28	18 43	2 7	16 25	2 57	25 45	3 6	1 35	1 9	14 56	0 51	3 8	0 45	9 55	1 28	18 41	5 16	22 39	22 33	17 14	10 27	6 29
W 4	22 38	7 8	4 58	18 29	2 24	16 38	2 57	25 46	3 8	1 37	1 9	14 53	0 51	3 8	0 46	9 55	1 28	18 41	5 16	22 38	22 33	17 15	10 25	6 28
T 5	22 32	2 19	5 12	18 16	2 40	16 50	2 58	25 46	3 9	1 38	1 9	14 51	0 51	3 9	0 46	9 55	1 28	18 40	5 16	22 38	22 32	17 17	10 24	6 28
F 6	22 25	2s28	5 11	18 4	2 57	17 3	2 58	25 46	3 11	1 40	1 9	14 49	0 51	3 9	0 46	9 56	1 28	18 40	5 16	22 38	22 32	17 18	10 23	6 28
S 7	22 19	7 3	4 55	17 53	3 12	17 15	2 58	25 46	3 12	1 41	1 10	14 47	0 51	3 9	0 46	9 56	1 28	18 39	5 16	22 38	22 32	17 20	10 21	6 27
S 8	22 12	11 18	4 27	17 43	3 27	17 27	2 59	25 46	3 14	1 42	1 10	14 45	0 51	3 9	0 46	9 56	1 28	18 39	5 16	22 38	22 31	17 21	10 20	6 27
M 9	22 4	15 4	3 47	17 34	3 42	17 39	2 58	25 46	3 15	1 43	1 10	14 43	0 51	3 9	0 46	9 56	1 28	18 38	5 15	22 38	22 31	17 23	10 18	6 27
T 10	21 57	18 13	2 58	17 27	3 55	17 51	2 58	25 46	3 16	1 44	1 11	14 40	0 51	3 9	0 46	9 57	1 28	18 38	5 15	22 38	22 30	17 24	10 17	6 26
W11	21 48	20 37	2 1	17 20	4 7	18 2	2 58	25 46	3 17	1 45	1 11	14 38	0 51	3 9	0 46	9 57	1 28	18 37	5 15	22 38	22 30	17 26	10 15	6 26
T 12	21 40	22 8	0 59	17 15	4 18	18 13	2 57	25 46	3 18	1 46	1 11	14 36	0 51	3 9	0 46	9 57	1 28	18 37	5 15	22 38	22 30	17 27	10 14	6 26
F 13	21 31	22 38	0n 7	17 10	4 28	18 24	2 57	25 46	3 19	1 47	1 11	14 34	0 51	3 9	0 46	9 57	1 28	18 36	5 15	22 38	22 29	17 28	10 12	6 25
S 14	21 22	22 3	1 14	17 8	4 36	18 35	2 56	25 47	3 20	1 47	1 12	14 32	0 51	3 9	0 46	9 57	1 28	18 36	5 15	22 38	22 29	17 30	10 11	6 25
S 15	21 12	20 21	2 18	17 6	4 43	18 45	2 55	25 47	3 21	1 48	1 12	14 29	0 51	3 9	0 46	9 57	1 28	18 35	5 15	22 38	22 29	17 31	10 9	6 25
M16	21 2	17 35	3 17	17 5	4 48	18 56	2 54	25 47	3 21	1 49	1 12	14 27	0 51	3 9	0 46	9 58	1 28	18 35	5 15	22 37	22 28	17 33	10 7	6 25
T 17	20 52	13 53	4 6	17 6	4 51	19 5	2 53	25 47	3 22	1 49	1 13	14 25	0 51	3 9	0 46	9 58	1 28	18 34	5 15	22 37	22 28	17 34	10 6	6 24
W18	20 41	9 25	4 43	17 7	4 53	19 15	2 52	25 47	3 23	1 50	1 13	14 22	0 51	3 9	0 46	9 58	1 29	18 33	5 15	22 36	22 28	17 36	10 4	6 24
T 19	20 30	4 25	5 5	17 10	4 54	19 24	2 51	25 48	3 23	1 50	1 13	14 20	0 51	3 9	0 46	9 58	1 29	18 33	5 15	22 36	22 27	17 37	10 2	6 24
F 20	20 19	0n51	5 9	17 14	4 53	19 33	2 50	25 48	3 24	1 50	1 13	14 18	0 51	3 9	0 46	9 58	1 29	18 32	5 15	22 35	22 27	17 38	10 1	6 24
S 21	20 7	6 8	4 55	17 18	4 50	19 42	2 48	25 48	3 24	1 50	1 14	14 15	0 51	3 8	0 46	9 58	1 29	18 32	5 15	22 35	22 27	17 40	9 59	6 24
S 22	19 55	11 8	4 23	17 24	4 46	19 50	2 46	25 49	3 25	1 51	1 14	14 13	0 51	3 8	0 46	9 58	1 29	18 31	5 15	22 34	22 26	17 41	9 57	6 23
M23	19 43	15 34	3 35	17 30	4 41	19 58	2 45	25 49	3 25	1 51	1 14	14 11	0 51	3 8	0 46	9 58	1 29	18 31	5 16	22 34	22 26	17 43	9 56	6 23
T 24	19 30	19 7	2 33	17 37	4 35	20 5	2 43	25 49	3 25	1 51	1 15	14 8	0 51	3 8	0 46	9 58	1 29	18 30	5 16	22 34	22 26	17 44	9 54	6 23
W25	19 17	21 31	1 23	17 44	4 27	20 12	2 41	25 50	3 26	1 50	1 15	14 6	0 51	3 8	0 46	9 58	1 29	18 30	5 16	22 34	22 25	17 45	9 52	6 23
T 26	19 3	22 33	0 7	17 52	4 19	20 19	2 39	25 50	3 26	1 50	1 15	14 3	0 51	3 7	0 46	9 58	1 29	18 29	5 16	22 34	22 25	17 47	9 50	6 23
F 27	18 50	22 8	1s 9	18 0	4 9	20 25	2 37	25 51	3 26	1 50	1 15	14 1	0 52	3 7	0 46	9 58	1 29	18 29	5 16	22 34	22 25	17 48	9 49	6 22
S 28	18 36	20 21	2 19	18 8	3 59	20 31	2 35	25 52	3 26	1 50	1 16	13 59	0 52	3 7	0 46	9 58	1 29	18 28	5 16	22 34	22 24	17 50	9 47	6 22
S 29	18 22	17 22	3 21	18 16	3 47	20 36	2 33	25 52	3 26	1 49	1 16	13 56	0 52	3 7	0 46	9 58	1 29	18 28	5 16	22 34	22 24	17 51	9 45	6 22
M30	18 7	13 29	4 10	18 24	3 35	20 41	2 31	25 53	3 26	1 49	1 16	13 54	0 52	3 6	0 46	9 58	1 29	18 27	5 16	22 33	22 23	17 52	9 43	6 22
T 31	17n52	9n 1	4s44	18n32	3s23	20n46	2s28	25s54	3s26	1n48	1s17	13n51	0n52	3n 6	0s46	9n58	1s29	18n27	5n16	22s32	22s23	17s54	9n41	6s22

Julian Day Number = 2884173.5, Delta T = 01h16m42s
Ecliptic obliquity = 23°17'07, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°19'43, Lahiri = 40°26'44

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ASTRODIENST EPHEMERIS for the year 3184
geocentric

AUGUST 3184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 41 0	10♌ 2'17	6♍55	20♋ 4	27♊15	15♐27	7°R32	25♌19	9°R40	29♈54	23♌54	15°R38	14♐23	11♏48	16♌41	W 1
T 2	20 44 57	10°59'34	19°41	20°47	28°21	15°35	7♈31	25°27	9♈39	29°R54	23°55	15♐29	14°20	11°54	16°48	T 2
F 3	20 48 54	11°56'52	2♎ 9	21°36	29°28	15°44	7°30	25°34	9°38	29°54	23°57	15°21	14°17	12° 1	16°55	F 3
S 4	20 52 50	12°54'10	14°22	22°29	0♋34	15°54	7°28	25°42	9°37	29°54	23°59	15°15	14°14	12° 8	17° 2	S 4
S 5	20 56 47	13°51'28	26°22	23°27	1°41	16° 5	7°27	25°50	9°36	29°54	24° 0	15°11	14°11	12°14	17° 8	S 5
M 6	21 0 43	14°48'46	8♏15	24°30	2°48	16°16	7°25	25°57	9°35	29°54	24° 2	15°10	14° 8	12°21	17°15	M 6
T 7	21 4 40	15°46'04	20° 4	25°38	3°55	16°29	7°22	26° 5	9°34	29°54	24° 4	15°D10	14° 4	12°28	17°22	T 7
W 8	21 8 36	16°43'23	1♐56	26°51	5° 2	16°41	7°20	26°13	9°33	29°54	24° 6	15°10	14° 1	12°34	17°29	W 8
T 9	21 12 33	17°40'41	13°56	28° 9	6°10	16°55	7°18	26°20	9°32	29°54	24° 7	15°R11	13°58	12°41	17°36	T 9
F 10	21 16 29	18°38'00	26° 8	29°31	7°17	17° 9	7°15	26°28	9°30	29°53	24° 9	15°10	13°55	12°48	17°43	F 10
S 11	21 20 26	19°35'19	8♑37	0♌57	8°25	17°24	7°12	26°36	9°29	29°53	24°11	15° 8	13°52	12°54	17°50	S 11
S 12	21 24 23	20°32'39	21°26	2°28	9°32	17°39	7° 9	26°43	9°28	29°53	24°12	15° 3	13°49	13° 1	17°57	S 12
M13	21 28 19	21°29'58	4♒37	4° 3	10°40	17°55	7° 6	26°51	9°27	29°52	24°14	14°56	13°45	13° 8	18° 4	M13
T 14	21 32 16	22°27'19	18° 8	5°42	11°48	18°12	7° 2	26°59	9°25	29°52	24°16	14°46	13°42	13°14	18°11	T 14
W15	21 36 12	23°24'40	1♓59	7°25	12°56	18°29	6°59	27° 6	9°24	29°52	24°18	14°36	13°39	13°21	18°18	W15
T 16	21 40 9	24°22'01	16° 6	9°12	14° 4	18°47	6°55	27°14	9°22	29°51	24°19	14°25	13°36	13°28	18°25	T 16
F 17	21 44 5	25°19'23	0♈22	11° 1	15°13	19° 5	6°51	27°22	9°21	29°51	24°21	14°16	13°33	13°34	18°31	F 17
S 18	21 48 2	26°16'46	14°43	12°54	16°21	19°24	6°47	27°30	9°19	29°50	24°23	14° 8	13°29	13°41	18°38	S 18
S 19	21 51 58	27°14'11	29° 4	14°49	17°30	19°44	6°43	27°37	9°18	29°50	24°25	14° 3	13°26	13°48	18°45	S 19
M20	21 55 55	28°11'36	13♉20	16°47	18°38	20° 4	6°38	27°45	9°16	29°49	24°26	14° 1	13°23	13°54	18°52	M20
T 21	21 59 52	29° 9'02	27°30	18°47	19°47	20°24	6°33	27°53	9°15	29°49	24°28	14°D 0	13°20	14° 1	18°59	T 21
W22	22 3 48	0♍ 6'30	11♊33	20°48	20°56	20°46	6°29	28° 1	9°13	29°48	24°30	14°R 0	13°17	14° 8	19° 6	W22
T 23	22 7 45	1° 3'59	25°27	22°51	22° 5	21° 7	6°24	28° 8	9°11	29°47	24°32	14° 0	13°14	14°14	19°13	T 23
F 24	22 11 41	2° 1'29	9♋13	24°54	23°14	21°29	6°19	28°16	9°10	29°47	24°33	13°58	13°10	14°21	19°20	F 24
S 25	22 15 38	2°59'00	22°49	26°58	24°24	21°52	6°13	28°24	9° 8	29°46	24°35	13°53	13° 7	14°28	19°26	S 25
S 26	22 19 34	3°56'32	6♌16	29° 3	25°33	22°15	6° 8	28°31	9° 6	29°45	24°37	13°46	13° 4	14°34	19°33	S 26
M27	22 23 31	4°54'05	19°31	1♍ 7	26°42	22°39	6° 2	28°39	9° 4	29°44	24°38	13°36	13° 1	14°41	19°40	M27
T 28	22 27 27	5°51'39	2♍34	3°11	27°52	23° 3	5°56	28°47	9° 2	29°44	24°40	13°24	12°58	14°48	19°47	T 28
W29	22 31 24	6°49'15	15°23	5°15	29° 2	23°27	5°51	28°55	9° 0	29°43	24°42	13°11	12°55	14°54	19°54	W29
T 30	22 35 21	7°46'51	27°58	7°18	0♌11	23°52	5°44	29° 2	8°58	29°42	24°44	12°58	12°51	15° 1	20° 0	T 30
F 31	22 39 17	8♍44'28	10♎18	9♍20	1♌21	24♐18	5♈38	29♌10	8♈56	29♈41	24♌45	12♐47	12♐48	15♏ 8	20♌ 7	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n37	4n14	5s 2	18n40	3s10	20n50	2s26	25s55	3s26	1n48	1s17	13n49	0n52	3n 6	0s46	9n58	1s29	18n26	5n16	22s31	22s23	17s55	9n39	6s22
T 2	17 22	0s37	5 5	18 47	2 56	20 53	2 23	25 55	3 26	1 47	1 17	13 46	0 52	3 5	0 46	9 58	1 29	18 26	5 16	22 30	22 22	17 56	9 38	6 22
F 3	17 6	5 20	4 53	18 53	2 43	20 56	2 21	25 56	3 26	1 46	1 17	13 44	0 52	3 5	0 47	9 58	1 29	18 25	5 16	22 29	22 22	17 58	9 36	6 21
S 4	16 50	9 44	4 28	18 59	2 28	20 59	2 18	25 57	3 26	1 45	1 18	13 41	0 52	3 4	0 47	9 58	1 29	18 24	5 16	22 29	22 22	17 59	9 34	6 21
S 5	16 34	13 42	3 51	19 4	2 14	21 1	2 16	25 58	3 25	1 44	1 18	13 39	0 52	3 4	0 47	9 58	1 30	18 24	5 16	22 28	22 21	18 0	9 32	6 21
M 6	16 17	17 4	3 4	19 7	2 0	21 3	2 13	25 59	3 25	1 43	1 18	13 36	0 52	3 4	0 47	9 58	1 30	18 23	5 16	22 28	22 21	18 2	9 30	6 21
T 7	16 0	19 44	2 10	19 9	1 45	21 4	2 10	26 0	3 25	1 42	1 19	13 34	0 52	3 3	0 47	9 58	1 30	18 23	5 16	22 28	22 21	18 3	9 28	6 21
W 8	15 43	21 34	1 10	19 10	1 31	21 4	2 7	26 1	3 25	1 41	1 19	13 31	0 52	3 3	0 47	9 58	1 30	18 22	5 16	22 28	22 20	18 4	9 26	6 21
T 9	15 26	22 26	0 7	19 9	1 16	21 4	2 4	26 2	3 24	1 40	1 19	13 29	0 52	3 2	0 47	9 58	1 30	18 22	5 16	22 28	22 20	18 6	9 24	6 21
F 10	15 9	22 16	0n58	19 7	1 2	21 4	2 1	26 3	3 24	1 39	1 19	13 26	0 52	3 2	0 47	9 58	1 30	18 21	5 16	22 28	22 19	18 7	9 22	6 21
S 11	14 51	20 59	2 2	19 2	0 48	21 3	1 58	26 4	3 24	1 37	1 20	13 24	0 52	3 1	0 47	9 57	1 30	18 21	5 16	22 28	22 19	18 8	9 20	6 21
S 12	14 33	18 37	3 1	18 56	0 34	21 2	1 55	26 5	3 23	1 36	1 20	13 21	0 52	3 1	0 47	9 57	1 30	18 20	5 16	22 27	22 19	18 10	9 18	6 21
M13	14 15	15 14	3 51	18 47	0 20	21 0	1 52	26 6	3 23	1 34	1 20	13 18	0 53	3 0	0 47	9 57	1 30	18 20	5 16	22 26	22 18	18 11	9 16	6 21
T 14	13 56	11 0	4 31	18 36	0 7	20 57	1 49	26 8	3 22	1 33	1 20	13 16	0 53	2 59	0 47	9 57	1 30	18 19	5 16	22 25	22 18	18 12	9 14	6 21
W15	13 38	6 6	4 55	18 23	0n 5	20 54	1 46	26 9	3 22	1 31	1 21	13 13	0 53	2 59	0 47	9 57	1 30	18 19	5 16	22 24	22 18	18 14	9 12	6 21
T 16	13 19	0 48	5 2	18 7	0 17	20 51	1 43	26 10	3 21	1 29	1 21	13 11	0 53	2 58	0 47	9 56	1 30	18 18	5 17	22 23	22 17	18 15	9 10	6 21
F 17	13 0	4n36	4 51	17 49	0 29	20 47	1 39	26 11	3 21	1 27	1 21	13 8	0 53	2 58	0 47	9 56	1 30	18 18	5 17	22 22	22 17	18 16	9 8	6 21
S 18	12 41	9 46	4 21	17 28	0 39	20 42	1 36	26 12	3 20	1 26	1 21	13 6	0 53	2 57	0 47	9 56	1 30	18 17	5 17	22 21	22 16	18 17	9 6	6 21
S 19	12 21	14 25	3 35	17 4	0 49	20 37	1 33	26 13	3 20	1 24	1 22	13 3	0 53	2 56	0 47	9 56	1 30	18 17	5 17	22 20	22 16	18 19	9 4	6 21
M20	12 2	18 12	2 35	16 38	0 58	20 31	1 29	26 14	3 19	1 22	1 22	13 0	0 53	2 56	0 47	9 56	1 30	18 16	5 17	22 20	22 16	18 20	9 2	6 21
T 21	11 42	20 53	1 26	16 10	1 7	20 25	1 26	26 15	3 19	1 20	1 22	12 58	0 53	2 55	0 47	9 55	1 30	18 16	5 17	22 20	22 15	18 21	9 0	6 21
W22	11 22	22 14	0 13	15 39	1 14	20 18	1 23	26 16	3 18	1 18	1 22	12 55	0 53	2 54	0 47	9 55	1 30	18 15	5 17	22 20	22 15	18 22	8 57	6 21
T 23	11 2	22 12	1s 0	15 6	1 21	20 11	1 19	26 17	3 18	1 15	1 23	12 53	0 53	2 54	0 47	9 55	1 30	18 15	5 17	22 20	22 14	18 24	8 55	6 21
F 24	10 41	20 49	2 9	14 30	1 27	20 3	1 16	26 17	3 17	1 13	1 23	12 50	0 53	2 53	0 47	9 54	1 31	18 14	5 17	22 20	22 14	18 25	8 53	6 21
S 25	10 21	18 15	3 10	13 53	1 32	19 55	1 12	26 18	3 16	1 11	1 23	12 48	0 53	2 52	0 47	9 54	1 31	18 14	5 17	22 19	22 14	18 26	8 51	6 21
S 26	10 0	14 43	3 59	13 14	1 36	19 46	1 9	26 19	3 16	1 8	1 23	12 45	0 54	2 52	0 47	9 54	1 31	18 13	5 17	22 18	22 13	18 27	8 49	6 21
M27	9 39	10 31	4 35	12 34	1 40	19 36	1 5	26 20	3 15	1 6	1 24	12 42	0 54	2 51	0 47	9 54	1 31	18 13	5 17	22 17	22 13	18 29	8 47	6 21
T 28	9 18	5 54	4 55	11 52	1 42	19 26	1 2	26 20	3 14	1 4	1 24	12 40	0 54	2 50	0 47	9 53	1 31	18 12	5 17	22 16	22 12	18 30	8 45	6 21
W29	8 57	1 6	5 0	11 8	1 44	19 16	0 59	26 21	3 14	1 1	1 24	12 37	0 54	2 49	0 47	9 53	1 31	18 12	5 18	22 14	22 12	18 31	8 43	6 21
T 30	8 36	3s38	4 50	10 24	1 45	19 5	0 55	26 21	3 13	0 59	1 24	12 35	0 54	2 49	0 47	9 53	1 31	18 11	5 18	22 13	22 12	18 32	8 40	6 21
F 31	8n14	8s 9	4s27	9n39	1n45	18n53	0s52	26s22	3s12	0n56	1s24	12n32	0n54	2n48	0s47	9n52	1s31	18n11	5n18	22s11	22s11	18s34	8n38	6s22

Julian Day Number = 2884204.5, Delta T = 01h16m42s
Ecliptic obliquity = 23°17'07, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°19'48, Lahiri = 40°26'48

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ASTRODIENST EPHEMERIS for the year 3184
geocentric

SEPTEMBER 3184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 43 14	9♍42'06	22♎25	11♍21	2♌31	24♐44	5°R32	29♌18	8°R54	29°R40	24♌47	12°R38	12♐45	15♏14	20♌14	S 1
S 2	22 47 10	10°39'45	4♏23	13°21	3°41	25°10	5♈26	29°25	8♈52	29♈39	24°49	12♐31	12°42	15°21	20°20	S 2
M 3	22 51 7	11°37'26	16°13	15°20	4°51	25°37	5°19	29°33	8°50	29°38	24°50	12°27	12°39	15°28	20°27	M 3
T 4	22 55 3	12°35'07	28° 1	17°18	6° 2	26° 4	5°12	29°40	8°48	29°37	24°52	12°26	12°35	15°34	20°34	T 4
W 5	22 59 0	13°32'49	9♐51	19°14	7°12	26°31	5° 6	29°48	8°46	29°36	24°54	12°25	12°32	15°41	20°40	W 5
T 6	23 2 56	14°30'32	21°50	21° 9	8°22	26°59	4°59	29°56	8°44	29°35	24°55	12°25	12°29	15°47	20°47	T 6
F 7	23 6 53	15°28'16	4♑ 2	23° 3	9°33	27°28	4°52	0♍ 3	8°42	29°34	24°57	12°24	12°26	15°54	20°54	F 7
S 8	23 10 49	16°26'01	16°33	24°55	10°44	27°56	4°45	0°11	8°40	29°33	24°59	12°22	12°23	16° 1	21° 0	S 8
S 9	23 14 46	17°23'47	29°27	26°46	11°54	28°25	4°37	0°18	8°38	29°32	25° 0	12°17	12°20	16° 7	21° 7	S 9
M10	23 18 43	18°21'34	12♒46	28°35	13° 5	28°55	4°30	0°26	8°36	29°31	25° 2	12° 9	12°16	16°14	21°13	M10
T 11	23 22 39	19°19'23	26°31	0♎23	14°16	29°24	4°23	0°33	8°33	29°30	25° 3	11°59	12°13	16°21	21°20	T 11
W12	23 26 36	20°17'12	10♓41	2°10	15°27	29°55	4°15	0°41	8°31	29°28	25° 5	11°48	12°10	16°27	21°26	W12
T 13	23 30 32	21°15'03	25°10	3°55	16°38	0♑25	4° 8	0°48	8°29	29°27	25° 7	11°37	12° 7	16°34	21°32	T 13
F 14	23 34 29	22°12'55	9♈51	5°39	17°49	0°56	4° 0	0°55	8°27	29°26	25° 8	11°27	12° 4	16°41	21°39	F 14
S 15	23 38 25	23°10'49	24°37	7°22	19° 0	1°27	3°53	1° 3	8°24	29°25	25°10	11°18	12° 0	16°47	21°45	S 15
S 16	23 42 22	24° 8'45	9♉20	9° 4	20°11	1°58	3°45	1°10	8°22	29°23	25°11	11°13	11°57	16°54	21°51	S 16
M17	23 46 18	25° 6'42	23°54	10°44	21°23	2°30	3°37	1°18	8°20	29°22	25°13	11°10	11°54	17° 1	21°58	M17
T 18	23 50 15	26° 4'41	8♊15	12°22	22°34	3° 2	3°29	1°25	8°17	29°21	25°14	11°D 9	11°51	17° 7	22° 4	T 18
W19	23 54 12	27° 2'42	22°20	14° 0	23°46	3°34	3°22	1°32	8°15	29°19	25°16	11°R 9	11°48	17°14	22°10	W19
T 20	23 58 8	28° 0'45	6♋ 9	15°36	24°57	4° 7	3°14	1°39	8°13	29°18	25°17	11° 9	11°45	17°21	22°16	T 20
F 21	0 2 5	28°58'50	19°43	17°11	26° 9	4°40	3° 6	1°46	8°10	29°17	25°19	11° 7	11°41	17°27	22°22	F 21
S 22	0 6 1	29°56'56	3♌ 2	18°45	27°21	5°13	2°58	1°54	8° 8	29°15	25°20	11° 3	11°38	17°34	22°28	S 22
S 23	0 9 58	0♎55'05	16° 9	20°18	28°33	5°46	2°50	2° 1	8° 6	29°14	25°22	10°57	11°35	17°41	22°34	S 23
M24	0 13 54	1°53'15	29° 4	21°49	29°45	6°20	2°42	2° 8	8° 3	29°13	25°23	10°48	11°32	17°47	22°40	M24
T 25	0 17 51	2°51'27	11♍47	23°19	0♍57	6°54	2°34	2°15	8° 1	29°11	25°25	10°37	11°29	17°54	22°46	T 25
W26	0 21 47	3°49'40	24°18	24°48	2° 9	7°28	2°26	2°22	7°59	29°10	25°26	10°25	11°26	18° 1	22°52	W26
T 27	0 25 44	4°47'56	6♎38	26°16	3°21	8° 3	2°18	2°29	7°56	29° 8	25°28	10°13	11°22	18° 7	22°58	T 27
F 28	0 29 41	5°46'13	18°48	27°42	4°33	8°38	2°10	2°36	7°54	29° 7	25°29	10° 2	11°19	18°14	23° 4	F 28
S 29	0 33 37	6°44'32	0♏48	29° 8	5°46	9°13	2° 2	2°43	7°51	29° 5	25°30	9°53	11°16	18°21	23°10	S 29
S 30	0 37 34	7♎42'52	12♏40	0♏31	6♍58	9♑48	1♈54	2♍49	7♈49	29♈ 4	25♌32	9♐47	11♐13	18♏27	23♌15	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n53	12s16	3s52	8n52	1n44	18n41	0s48	26s22	3s11	0n53	1s25	12n30	0n54	2n47	0s47	9n52	1s31	18n10	5n18	22s10	22s11	18s35	8n36	6s22
S 2	7 31	15 50	3 7	8 6	1 43	18 29	0 45	26 22	3 11	0 51	1 25	12 27	0 54	2 46	0 47	9 52	1 31	18 10	5 18	22 9	22 10	18 36	8 34	6 22
M 3	7 10	18 43	2 14	7 18	1 41	18 16	0 41	26 22	3 10	0 48	1 25	12 24	0 54	2 45	0 47	9 51	1 31	18 9	5 18	22 9	22 10	18 37	8 32	6 22
T 4	6 48	20 49	1 16	6 31	1 39	18 2	0 38	26 23	3 9	0 45	1 25	12 22	0 54	2 45	0 47	9 51	1 31	18 9	5 18	22 8	22 10	18 38	8 30	6 22
W 5	6 26	22 1	0 14	5 43	1 36	17 48	0 34	26 23	3 8	0 42	1 25	12 19	0 54	2 44	0 47	9 50	1 31	18 8	5 18	22 8	22 9	18 40	8 27	6 22
T 6	6 4	22 13	0n50	4 55	1 33	17 33	0 31	26 22	3 7	0 39	1 26	12 17	0 55	2 43	0 47	9 50	1 31	18 8	5 18	22 8	22 9	18 41	8 25	6 22
F 7	5 41	21 22	1 52	4 7	1 29	17 18	0 27	26 22	3 7	0 36	1 26	12 14	0 55	2 42	0 47	9 50	1 31	18 7	5 19	22 8	22 8	18 42	8 23	6 23
S 8	5 19	19 27	2 50	3 18	1 25	17 3	0 24	26 22	3 6	0 33	1 26	12 12	0 55	2 41	0 47	9 49	1 31	18 7	5 19	22 8	22 8	18 43	8 21	6 23
S 9	4 57	16 31	3 42	2 30	1 20	16 47	0 21	26 21	3 5	0 31	1 26	12 9	0 55	2 40	0 47	9 49	1 31	18 6	5 19	22 7	22 8	18 44	8 19	6 23
M10	4 35	12 40	4 23	1 42	1 15	16 30	0 17	26 21	3 4	0 28	1 26	12 6	0 55	2 40	0 47	9 48	1 31	18 6	5 19	22 6	22 7	18 45	8 16	6 23
T 11	4 12	8 2	4 50	0 55	1 9	16 13	0 14	26 20	3 3	0 25	1 26	12 4	0 55	2 39	0 47	9 48	1 31	18 6	5 19	22 5	22 7	18 47	8 14	6 23
W12	3 49	2 52	5 1	0 7	1 4	15 56	0 10	26 19	3 2	0 21	1 26	12 1	0 55	2 38	0 47	9 47	1 31	18 5	5 19	22 3	22 6	18 48	8 12	6 23
T 13	3 27	2n34	4 53	0s40	0 58	15 38	0 7	26 19	3 1	0 18	1 27	11 59	0 55	2 37	0 47	9 47	1 31	18 5	5 19	22 2	22 6	18 49	8 10	6 24
F 14	3 4	7 57	4 25	1 27	0 51	15 20	0 4	26 18	3 1	0 15	1 27	11 56	0 55	2 36	0 47	9 46	1 31	18 4	5 19	22 1	22 6	18 50	8 8	6 24
S 15	2 41	12 53	3 40	2 13	0 45	15 1	0 1	26 16	3 0	0 12	1 27	11 54	0 56	2 35	0 47	9 46	1 31	18 4	5 20	21 59	22 5	18 51	8 6	6 24
S 16	2 19	17 3	2 40	2 59	0 38	14 42	0n 3	26 15	2 59	0 9	1 27	11 51	0 56	2 34	0 47	9 45	1 31	18 4	5 20	21 59	22 5	18 52	8 3	6 24
M17	1 56	20 5	1 30	3 45	0 31	14 23	0 6	26 14	2 58	0 6	1 27	11 49	0 56	2 33	0 47	9 45	1 32	18 3	5 20	21 58	22 4	18 53	8 1	6 25
T 18	1 33	21 48	0 15	4 30	0 23	14 3	0 9	26 12	2 57	0 3	1 27	11 46	0 56	2 32	0 47	9 45	1 32	18 3	5 20	21 58	22 4	18 55	7 59	6 25
W19	1 10	22 5	0s59	5 14	0 16	13 42	0 12	26 10	2 56	0s 0	1 27	11 44	0 56	2 31	0 47	9 44	1 32	18 2	5 20	21 58	22 3	18 56	7 57	6 25
T 20	0 47	21 0	2 9	5 58	0 9	13 21	0 15	26 8	2 55	0 4	1 27	11 42	0 56	2 31	0 47	9 44	1 32	18 2	5 20	21 58	22 3	18 57	7 55	6 25
F 21	0 24	18 43	3 10	6 42	0 1	13 0	0 18	26 6	2 54	0 7	1 27	11 39	0 56	2 30	0 47	9 43	1 32	18 2	5 20	21 58	22 3	18 58	7 52	6 26
S 22	0 1	15 28	3 59	7 24	0s 7	12 39	0 21	26 4	2 53	0 10	1 27	11 37	0 56	2 29	0 47	9 42	1 32	18 1	5 21	21 57	22 2	18 59	7 50	6 26
S 23	0s22	11 31	4 35	8 7	0 15	12 17	0 24	26 2	2 52	0 13	1 27	11 34	0 56	2 28	0 47	9 42	1 32	18 1	5 21	21 56	22 2	19 0	7 48	6 26
M24	0 45	7 5	4 56	8 48	0 23	11 55	0 27	25 59	2 51	0 16	1 28	11 32	0 57	2 27	0 47	9 41	1 32	18 1	5 21	21 55	22 1	19 1	7 46	6 27
T 25	1 8	2 26	5 2	9 29	0 31	11 32	0 30	25 57	2 50	0 20	1 28	11 29	0 57	2 26	0 47	9 41	1 32	18 0	5 21	21 54	22 1	19 2	7 44	6 27
W26	1 31	2s15	4 54	10 9	0 39	11 9	0 33	25 54	2 49	0 23	1 28	11 27	0 57	2 25	0 47	9 40	1 32	18 0	5 21	21 52	22 0	19 3	7 42	6 27
T 27	1 54	6 47	4 31	10 48	0 47	10 46	0 36	25 51	2 48	0 26	1 28	11 25	0 57	2 24	0 47	9 40	1 32	18 0	5 21	21 50	22 0	19 4	7 39	6 27
F 28	2 17	10 58	3 57	11 27	0 55	10 22	0 38	25 48	2 47	0 29	1 28	11 22	0 57	2 23	0 47	9 39	1 32	17 59	5 21	21 49	22 0	19 5	7 37	6 28
S 29	2 40	14 41	3 12	12 5	1 3	9 59	0 41	25 44	2 46	0 32	1 28	11 20	0 57	2 22	0 47	9 39	1 32	17 59	5 22	21 47	21 59	19 7	7 35	6 28
S 30	3s 3	17s45	2s19	12s42	1s11	9n34	0n44	25s41	2s45	0s35	1s28	11n18	0n57	2n21	0s47	9n38	1s32	17n59	5n22	21s47	21s59	19s 8	7n33	6s28

Julian Day Number = 2884235.5, Delta T = 01h16m43s
Ecliptic obliquity = 23°17'08, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°19'52, Lahiri = 40°26'53

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ASTRODIENST EPHEMERIS for the year 3184
geocentric

OCTOBER 3184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 41 30	8♎41'14	24♏28	1♏54	8♍10	10♑24	1°R46	2♍56	7°R47	29°R 2	25♌33	9°R44	11♐10	18♏34	23♌21	M 1
T 2	0 45 27	9°39'38	6♐14	3°15	9°23	11° 0	1♈39	3° 3	7♈44	29♈ 1	25°35	9°D42	11° 6	18°41	23°27	T 2
W 3	0 49 23	10°38'03	18° 4	4°35	10°35	11°36	1°31	3°10	7°42	28°59	25°36	9♐43	11° 3	18°47	23°32	W 3
T 4	0 53 20	11°36'30	0♑ 1	5°53	11°48	12°12	1°23	3°16	7°39	28°57	25°37	9°44	11° 0	18°54	23°38	T 4
F 5	0 57 16	12°34'58	12°11	7°10	13° 1	12°48	1°15	3°23	7°37	28°56	25°38	9°R44	10°57	19° 1	23°43	F 5
S 6	1 1 13	13°33'28	24°39	8°26	14°14	13°25	1° 8	3°30	7°35	28°54	25°40	9°43	10°54	19° 7	23°48	S 6
S 7	1 5 9	14°31'59	7♒31	9°40	15°26	14° 2	1° 0	3°36	7°32	28°53	25°41	9°41	10°51	19°14	23°54	S 7
M 8	1 9 6	15°30'32	20°49	10°52	16°39	14°39	0°53	3°42	7°30	28°51	25°42	9°36	10°47	19°20	23°59	M 8
T 9	1 13 3	16°29'06	4♓36	12° 2	17°52	15°16	0°45	3°49	7°27	28°49	25°43	9°30	10°44	19°27	24° 4	T 9
W10	1 16 59	17°27'42	18°52	13°10	19° 5	15°54	0°38	3°55	7°25	28°48	25°45	9°22	10°41	19°34	24° 9	W10
T 11	1 20 56	18°26'20	3♈31	14°17	20°18	16°32	0°31	4° 1	7°23	28°46	25°46	9°14	10°38	19°40	24°14	T 11
F 12	1 24 52	19°25'00	18°28	15°21	21°31	17°10	0°24	4° 8	7°20	28°45	25°47	9° 6	10°35	19°47	24°19	F 12
S 13	1 28 49	20°23'41	3♉34	16°23	22°45	17°48	0°17	4°14	7°18	28°43	25°48	9° 1	10°31	19°54	24°24	S 13
S 14	1 32 45	21°22'25	18°38	17°23	23°58	18°26	0°10	4°20	7°16	28°41	25°49	8°57	10°28	20° 0	24°29	S 14
M15	1 36 42	22°21'10	3♊33	18°20	25°11	19° 4	0° 3	4°26	7°14	28°40	25°50	8°D55	10°25	20° 7	24°34	M15
T 16	1 40 38	23°19'58	18°11	19°14	26°25	19°43	29♓56	4°32	7°11	28°38	25°51	8°55	10°22	20°14	24°39	T 16
W17	1 44 35	24°18'48	2♋29	20° 5	27°38	20°22	29°50	4°38	7° 9	28°36	25°52	8°57	10°19	20°20	24°44	W17
T 18	1 48 32	25°17'40	16°24	20°52	28°51	21° 1	29°43	4°44	7° 7	28°35	25°53	8°58	10°16	20°27	24°48	T 18
F 19	1 52 28	26°16'35	29°58	21°36	0♎ 5	21°40	29°37	4°50	7° 5	28°33	25°54	8°R58	10°12	20°34	24°53	F 19
S 20	1 56 25	27°15'32	13♌11	22°17	1°19	22°19	29°31	4°55	7° 2	28°31	25°55	8°57	10° 9	20°40	24°57	S 20
S 21	2 0 21	28°14'30	26° 7	22°52	2°32	22°59	29°25	5° 1	7° 0	28°30	25°56	8°54	10° 6	20°47	25° 2	S 21
M22	2 4 18	29°13'31	8♍47	23°24	3°46	23°38	29°19	5° 7	6°58	28°28	25°57	8°49	10° 3	20°54	25° 6	M22
T 23	2 8 14	0♏12'35	21°15	23°50	5° 0	24°18	29°13	5°12	6°56	28°26	25°58	8°42	10° 0	21° 0	25°10	T 23
W24	2 12 11	1°11'40	3♎31	24°10	6°13	24°58	29° 7	5°18	6°54	28°25	25°59	8°36	9°57	21° 7	25°15	W24
T 25	2 16 7	2°10'47	15°37	24°25	7°27	25°38	29° 2	5°23	6°52	28°23	26° 0	8°29	9°53	21°14	25°19	T 25
F 26	2 20 4	3° 9'57	27°36	24°33	8°41	26°19	28°57	5°28	6°49	28°21	26° 1	8°23	9°50	21°20	25°23	F 26
S 27	2 24 1	4° 9'08	9♏29	24°R34	9°55	26°59	28°51	5°34	6°47	28°20	26° 1	8°18	9°47	21°27	25°27	S 27
S 28	2 27 57	5° 8'22	21°18	24°28	11° 9	27°40	28°46	5°39	6°45	28°18	26° 2	8°15	9°44	21°34	25°31	S 28
M29	2 31 54	6° 7'37	3♐ 5	24°15	12°23	28°20	28°42	5°44	6°43	28°16	26° 3	8°D13	9°41	21°40	25°34	M29
T 30	2 35 50	7° 6'55	14°52	23°53	13°37	29° 1	28°37	5°49	6°41	28°15	26° 4	8°13	9°37	21°47	25°38	T 30
W31	2 39 47	8♏ 6'14	26♐43	23♏23	14♎51	29♑42	28♓33	5♍54	6♈39	28♈13	26♌ 4	8♐14	9♐34	21♏54	25♌42	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s25	20s 4	1s21	13s18	1s19	9n10	0n46	25s37	2s44	0s39	1s28	11n15	0n58	2n20	0s47	9n38	1s32	17n58	5n22	21s46	21s58	19s 9	7n31	6s29
T 2	3 48	21 31	0 19	13 53	1 27	8 45	0 49	25 33	2 43	0 42	1 28	11 13	0 58	2 19	0 47	9 37	1 32	17 58	5 22	21 46	21 58	19 10	7 29	6 29
W 3	4 11	22 1	0n45	14 28	1 35	8 20	0 51	25 29	2 42	0 45	1 28	11 11	0 58	2 18	0 47	9 36	1 32	17 58	5 22	21 46	21 57	19 11	7 27	6 30
T 4	4 34	21 30	1 47	15 1	1 43	7 55	0 53	25 25	2 41	0 48	1 28	11 9	0 58	2 17	0 47	9 36	1 32	17 57	5 22	21 46	21 57	19 12	7 25	6 30
F 5	4 56	19 59	2 45	15 34	1 51	7 30	0 56	25 20	2 40	0 51	1 28	11 6	0 58	2 17	0 47	9 35	1 32	17 57	5 23	21 46	21 56	19 13	7 22	6 30
S 6	5 19	17 29	3 37	16 6	1 58	7 4	0 58	25 15	2 39	0 54	1 28	11 4	0 58	2 16	0 47	9 35	1 32	17 57	5 23	21 46	21 56	19 14	7 20	6 31
S 7	5 42	14 4	4 20	16 36	2 6	6 38	1 0	25 10	2 38	0 57	1 28	11 2	0 58	2 15	0 47	9 34	1 32	17 57	5 23	21 46	21 56	19 15	7 18	6 31
M 8	6 4	9 52	4 51	17 6	2 14	6 12	1 2	25 5	2 37	1 0	1 28	11 0	0 58	2 14	0 47	9 34	1 32	17 56	5 23	21 45	21 55	19 16	7 16	6 31
T 9	6 26	5 0	5 6	17 35	2 21	5 45	1 5	25 0	2 36	1 2	1 28	10 57	0 59	2 13	0 47	9 33	1 32	17 56	5 23	21 44	21 55	19 17	7 14	6 32
W10	6 49	0n16	5 3	18 3	2 28	5 19	1 7	24 55	2 35	1 5	1 27	10 55	0 59	2 12	0 47	9 32	1 32	17 56	5 24	21 43	21 54	19 18	7 12	6 32
T 11	7 11	5 41	4 40	18 29	2 35	4 52	1 9	24 49	2 34	1 8	1 27	10 53	0 59	2 11	0 47	9 32	1 32	17 56	5 24	21 42	21 54	19 19	7 10	6 33
F 12	7 33	10 52	3 58	18 54	2 41	4 25	1 10	24 43	2 33	1 11	1 27	10 51	0 59	2 10	0 47	9 31	1 32	17 55	5 24	21 40	21 53	19 20	7 8	6 33
S 13	7 55	15 26	2 59	19 19	2 48	3 58	1 12	24 37	2 32	1 14	1 27	10 49	0 59	2 9	0 47	9 31	1 32	17 55	5 24	21 40	21 53	19 21	7 6	6 34
S 14	8 17	18 59	1 47	19 42	2 54	3 31	1 14	24 31	2 31	1 16	1 27	10 47	0 59	2 8	0 47	9 30	1 32	17 55	5 24	21 39	21 52	19 22	7 4	6 34
M15	8 39	21 12	0 29	20 3	3 0	3 4	1 16	24 25	2 30	1 19	1 27	10 45	1 0	2 7	0 47	9 30	1 32	17 55	5 24	21 39	21 52	19 23	7 2	6 34
T 16	9 0	21 56	0s50	20 23	3 5	2 36	1 17	24 18	2 29	1 21	1 27	10 43	1 0	2 7	0 47	9 29	1 32	17 55	5 25	21 39	21 52	19 24	7 0	6 35
W17	9 22	21 12	2 4	20 42	3 10	2 9	1 19	24 11	2 28	1 24	1 27	10 41	1 0	2 6	0 47	9 28	1 32	17 54	5 25	21 39	21 51	19 25	6 58	6 35
T 18	9 43	19 9	3 9	20 59	3 15	1 41	1 20	24 4	2 26	1 26	1 27	10 39	1 0	2 5	0 47	9 28	1 32	17 54	5 25	21 39	21 51	19 26	6 56	6 36
F 19	10 5	16 5	4 2	21 15	3 19	1 13	1 22	23 57	2 25	1 29	1 27	10 37	1 0	2 4	0 47	9 27	1 32	17 54	5 25	21 39	21 50	19 27	6 54	6 36
S 20	10 26	12 16	4 40	21 29	3 22	0 45	1 23	23 49	2 24	1 31	1 27	10 35	1 0	2 3	0 47	9 27	1 32	17 54	5 25	21 39	21 50	19 28	6 52	6 37
S 21	10 47	7 59	5 3	21 41	3 25	0 17	1 24	23 42	2 23	1 33	1 26	10 33	1 0	2 2	0 47	9 26	1 32	17 54	5 26	21 38	21 49	19 29	6 51	6 37
M22	11 8	3 25	5 10	21 51	3 27	0s11	1 26	23 34	2 22	1 36	1 26	10 31	1 1	2 1	0 47	9 25	1 32	17 54	5 26	21 38	21 49	19 30	6 49	6 38
T 23	11 28	1s12	5 3	21 59	3 29	0 39	1 27	23 26	2 21	1 38	1 26	10 29	1 1	2 1	0 47	9 25	1 32	17 54	5 26	21 37	21 48	19 31	6 47	6 38
W24	11 49	5 42	4 42	22 4	3 29	1 7	1 28	23 17	2 20	1 40	1 26	10 27	1 1	2 0	0 47	9 24	1 32	17 53	5 26	21 36	21 48	19 32	6 45	6 39
T 25	12 9	9 56	4 8	22 7	3 29	1 35	1 29	23 9	2 19	1 42	1 26	10 26	1 1	1 59	0 47	9 24	1 32	17 53	5 26	21 35	21 47	19 33	6 43	6 39
F 26	12 29	13 44	3 24	22 8	3 27	2 3	1 30	23 0	2 17	1 44	1 26	10 24	1 1	1 58	0 47	9 23	1 32	17 53	5 27	21 34	21 47	19 34	6 41	6 40
S 27	12 49	16 57	2 31	22 6	3 24	2 31	1 31	22 51	2 16	1 46	1 26	10 22	1 1	1 57	0 47	9 22	1 32	17 53	5 27	21 33	21 46	19 34	6 40	6 40
S 28	13 9	19 26	1 31	22 0	3 20	2 59	1 31	22 42	2 15	1 48	1 26	10 20	1 2	1 57	0 47	9 22	1 32	17 53	5 27	21 32	21 46	19 35	6 38	6 41
M29	13 29	21 6	0 28	21 52	3 15	3 27	1 32	22 33	2 14	1 49	1 25	10 19	1 2	1 56	0 47	9 21	1 32	17 53	5 27	21 32	21 46	19 36	6 36	6 41
T 30	13 48	21 50	0n36	21 39	3 8	3 55	1 33	22 23	2 13	1 51	1 25	10 17	1 2	1 55	0 47	9 21	1 32	17 53	5 27	21 32	21 45	19 37	6 34	6 42
W31	14s 7	21s35	1n40	21s24	2s59	4s23	1n33	22s14	2s12	1s53	1s25	10n15	1n 2	1n54	0s47	9n20	1s32	17n53	5n28	21s32	21s45	19s38	6n33	6s42

Julian Day Number = 2884265.5, Delta T = 01h16m44s
Ecliptic obliquity = 23°17'07, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°19'56, Lahiri = 40°26'57

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NOVEMBER 3184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 43 43	9♏ 5'35	8♉41	22°R44	16♎ 6	0♒23	28°R28	5♍59	6°R38	28°R11	26♌ 5	8♐16	9♐31	22♏ 0	25♌45	T 1
F 2	2 47 40	10° 4'57	20°51	21♏57	17°20	1° 5	28♓24	6° 3	6♈36	28♈10	26° 6	8°18	9°28	22° 7	25°49	F 2
S 3	2 51 36	11° 4'22	3♒17	21° 3	18°34	1°46	28°20	6° 8	6°34	28° 8	26° 6	8°19	9°25	22°13	25°52	S 3
S 4	2 55 33	12° 3'48	16° 5	20° 2	19°48	2°27	28°16	6°13	6°32	28° 7	26° 7	8°R19	9°22	22°20	25°56	S 4
M 5	2 59 30	13° 3'15	29°16	18°55	21° 3	3° 9	28°13	6°17	6°30	28° 5	26° 8	8°18	9°18	22°27	25°59	M 5
T 6	3 3 26	14° 2'44	12♓56	17°43	22°17	3°51	28°10	6°22	6°28	28° 3	26° 8	8°16	9°15	22°33	26° 2	T 6
W 7	3 7 23	15° 2'15	27° 3	16°29	23°31	4°33	28° 6	6°26	6°27	28° 2	26° 9	8°13	9°12	22°40	26° 5	W 7
T 8	3 11 19	16° 1'48	11♈38	15°15	24°46	5°15	28° 3	6°30	6°25	28° 0	26° 9	8°10	9° 9	22°47	26° 8	T 8
F 9	3 15 16	17° 1'23	26°34	14° 2	26° 0	5°57	28° 1	6°34	6°23	27°59	26°10	8° 7	9° 6	22°53	26°11	F 9
S 10	3 19 12	18° 0'59	11♉44	12°53	27°15	6°39	27°58	6°38	6°22	27°57	26°10	8° 5	9° 3	23° 0	26°14	S 10
S 11	3 23 9	19° 0'37	26°59	11°50	28°29	7°21	27°56	6°42	6°20	27°56	26°11	8° 4	8°59	23° 7	26°16	S 11
M12	3 27 5	20° 0'17	12♊ 9	10°55	29°44	8° 4	27°53	6°46	6°19	27°54	26°11	8°D 4	8°56	23°13	26°19	M12
T 13	3 31 2	21° 0'00	27° 4	10°10	0♏58	8°46	27°51	6°50	6°17	27°53	26°11	8° 4	8°53	23°20	26°22	T 13
W14	3 34 59	21°59'44	11♋38	9°34	2°13	9°29	27°50	6°54	6°16	27°51	26°12	8° 5	8°50	23°27	26°24	W14
T 15	3 38 55	22°59'31	25°47	9°10	3°28	10°11	27°48	6°57	6°14	27°50	26°12	8° 7	8°47	23°33	26°26	T 15
F 16	3 42 52	23°59'20	9♌30	8°58	4°42	10°54	27°47	7° 1	6°13	27°48	26°12	8° 8	8°43	23°40	26°29	F 16
S 17	3 46 48	24°59'10	22°47	8°D57	5°57	11°37	27°45	7° 4	6°12	27°47	26°13	8°R 8	8°40	23°47	26°31	S 17
S 18	3 50 45	25°59'03	5♍41	9° 7	7°12	12°20	27°44	7° 8	6°10	27°45	26°13	8° 8	8°37	23°53	26°33	S 18
M19	3 54 41	26°58'58	18°16	9°27	8°27	13° 3	27°43	7°11	6° 9	27°44	26°13	8° 7	8°34	24° 0	26°35	M19
T 20	3 58 38	27°58'56	0♎35	9°57	9°41	13°46	27°43	7°14	6° 8	27°42	26°13	8° 6	8°31	24° 7	26°37	T 20
W21	4 2 34	28°58'55	12°41	10°37	10°56	14°29	27°43	7°17	6° 7	27°41	26°14	8° 5	8°28	24°13	26°39	W21
T 22	4 6 31	29°58'56	24°38	11°24	12°11	15°13	27°D42	7°20	6° 5	27°40	26°14	8° 3	8°24	24°20	26°40	T 22
F 23	4 10 28	0♐58'59	6♏30	12°18	13°26	15°56	27°42	7°23	6° 4	27°38	26°14	8° 2	8°21	24°26	26°42	F 23
S 24	4 14 24	1°59'04	18°18	13°19	14°41	16°40	27°43	7°26	6° 3	27°37	26°14	8° 2	8°18	24°33	26°43	S 24
S 25	4 18 21	2°59'11	0♐ 5	14°25	15°56	17°23	27°43	7°28	6° 2	27°36	26°14	8° 1	8°15	24°40	26°45	S 25
M26	4 22 17	3°59'20	11°54	15°36	17°11	18° 7	27°44	7°31	6° 1	27°34	26°14	8°D 1	8°12	24°46	26°46	M26
T 27	4 26 14	4°59'31	23°46	16°52	18°26	18°51	27°44	7°33	6° 0	27°33	26°R14	8° 1	8° 9	24°53	26°47	T 27
W28	4 30 10	5°59'43	5♉44	18°10	19°41	19°34	27°46	7°36	6° 0	27°32	26°14	8° 2	8° 5	25° 0	26°48	W28
T 29	4 34 7	6°59'57	17°50	19°32	20°56	20°18	27°47	7°38	5°59	27°31	26°14	8° 2	8° 2	25° 6	26°49	T 29
F 30	4 38 3	8♐ 0'12	0♒ 7	20♏56	22♏11	21♒ 2	27♓48	7♍40	5♈58	27♈30	26♌14	8°R 2	7♐59	25♏13	26♌50	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s26	20s21	2n40	21s 4	2s49	4s51	1n34	22s 4	2s11	1s54	1s25	10n14	1n 2	1n54	0s47	9n20	1s32	17n53	5n28	21s33	21s44	19s39	6n31	6s43
F 2	14 45	18 10	3 33	20 40	2 37	5 19	1 34	21 54	2 9	1 56	1 25	10 12	1 3	1 53	0 47	9 19	1 32	17 53	5 28	21 33	21 44	19 40	6 29	6 43
S 3	15 3	15 6	4 18	20 13	2 23	5 47	1 34	21 43	2 8	1 57	1 25	10 11	1 3	1 52	0 47	9 18	1 32	17 53	5 28	21 33	21 43	19 41	6 28	6 44
S 4	15 21	11 16	4 52	19 41	2 8	6 14	1 34	21 33	2 7	1 58	1 24	10 9	1 3	1 52	0 47	9 18	1 32	17 53	5 29	21 33	21 43	19 42	6 26	6 45
M 5	15 39	6 47	5 11	19 7	1 51	6 42	1 35	21 22	2 6	2 0	1 24	10 8	1 3	1 51	0 47	9 17	1 32	17 53	5 29	21 33	21 42	19 43	6 25	6 45
T 6	15 57	1 49	5 14	18 29	1 32	7 9	1 35	21 11	2 5	2 1	1 24	10 6	1 3	1 50	0 47	9 17	1 32	17 53	5 29	21 33	21 42	19 44	6 23	6 46
W 7	16 15	3n24	4 58	17 49	1 13	7 36	1 35	21 0	2 4	2 2	1 24	10 5	1 3	1 50	0 47	9 16	1 32	17 53	5 29	21 32	21 41	19 44	6 21	6 46
T 8	16 32	8 37	4 23	17 8	0 52	8 4	1 35	20 49	2 2	2 3	1 24	10 3	1 4	1 49	0 47	9 16	1 32	17 53	5 29	21 32	21 41	19 45	6 20	6 47
F 9	16 49	13 26	3 30	16 27	0 32	8 31	1 35	20 37	2 1	2 4	1 23	10 2	1 4	1 48	0 47	9 15	1 32	17 53	5 30	21 31	21 40	19 46	6 18	6 47
S 10	17 5	17 29	2 21	15 47	0 11	8 57	1 34	20 26	2 0	2 5	1 23	10 1	1 4	1 48	0 47	9 15	1 32	17 53	5 30	21 31	21 40	19 47	6 17	6 48
S 11	17 22	20 21	1 1	15 9	0n 9	9 24	1 34	20 14	1 59	2 5	1 23	9 59	1 4	1 47	0 47	9 14	1 32	17 53	5 30	21 31	21 39	19 48	6 16	6 49
M12	17 38	21 44	0s23	14 34	0 28	9 50	1 34	20 2	1 58	2 6	1 23	9 58	1 4	1 47	0 47	9 14	1 32	17 53	5 30	21 31	21 39	19 49	6 14	6 49
T 13	17 53	21 32	1 43	14 2	0 46	10 17	1 33	19 50	1 56	2 7	1 23	9 57	1 5	1 46	0 47	9 13	1 32	17 53	5 30	21 31	21 38	19 50	6 13	6 50
W14	18 9	19 52	2 55	13 36	1 3	10 43	1 33	19 37	1 55	2 7	1 22	9 56	1 5	1 45	0 47	9 12	1 32	17 53	5 31	21 31	21 38	19 50	6 11	6 50
T 15	18 24	17 0	3 55	13 14	1 18	11 8	1 32	19 24	1 54	2 8	1 22	9 54	1 5	1 45	0 47	9 12	1 32	17 53	5 31	21 31	21 37	19 51	6 10	6 51
F 16	18 39	13 17	4 39	12 57	1 31	11 34	1 32	19 12	1 53	2 8	1 22	9 53	1 5	1 44	0 47	9 11	1 32	17 53	5 31	21 31	21 37	19 52	6 9	6 51
S 17	18 53	9 0	5 6	12 46	1 42	11 59	1 31	18 59	1 52	2 8	1 22	9 52	1 5	1 44	0 47	9 11	1 32	17 53	5 31	21 31	21 36	19 53	6 7	6 52
S 18	19 8	4 27	5 17	12 40	1 52	12 24	1 30	18 46	1 50	2 9	1 22	9 51	1 6	1 43	0 46	9 11	1 32	17 54	5 32	21 31	21 36	19 54	6 6	6 53
M19	19 21	0s11	5 12	12 40	1 59	12 49	1 29	18 32	1 49	2 9	1 21	9 50	1 6	1 43	0 46	9 10	1 32	17 54	5 32	21 31	21 35	19 55	6 5	6 53
T 20	19 35	4 43	4 53	12 43	2 6	13 13	1 29	18 19	1 48	2 9	1 21	9 49	1 6	1 42	0 46	9 10	1 32	17 54	5 32	21 31	21 35	19 55	6 4	6 54
W21	19 48	9 0	4 21	12 51	2 10	13 37	1 28	18 5	1 47	2 9	1 21	9 48	1 6	1 42	0 46	9 9	1 32	17 54	5 32	21 31	21 34	19 56	6 3	6 55
T 22	20 1	12 52	3 38	13 2	2 13	14 1	1 27	17 51	1 46	2 8	1 21	9 47	1 6	1 42	0 46	9 9	1 32	17 54	5 32	21 31	21 34	19 57	6 2	6 55
F 23	20 13	16 13	2 46	13 17	2 15	14 24	1 26	17 37	1 44	2 8	1 20	9 46	1 7	1 41	0 46	9 8	1 32	17 54	5 33	21 30	21 33	19 58	6 0	6 56
S 24	20 26	18 53	1 47	13 35	2 15	14 48	1 24	17 23	1 43	2 8	1 20	9 46	1 7	1 41	0 46	9 8	1 32	17 55	5 33	21 30	21 33	19 59	5 59	6 56
S 25	20 37	20 45	0 44	13 55	2 15	15 10	1 23	17 9	1 42	2 8	1 20	9 45	1 7	1 41	0 46	9 7	1 32	17 55	5 33	21 30	21 32	19 59	5 58	6 57
M26	20 49	21 43	0n22	14 17	2 13	15 33	1 22	16 54	1 41	2 7	1 20	9 44	1 7	1 40	0 46	9 7	1 32	17 55	5 33	21 30	21 32	20 0	5 57	6 58
T 27	21 0	21 42	1 27	14 40	2 11	15 54	1 21	16 40	1 40	2 7	1 20	9 43	1 7	1 40	0 46	9 6	1 32	17 55	5 34	21 30	21 31	20 1	5 56	6 58
W28	21 10	20 42	2 28	15 5	2 8	16 16	1 19	16 25	1 38	2 6	1 19	9 43	1 8	1 40	0 46	9 6	1 32	17 55	5 34	21 30	21 31	20 2	5 55	6 59
T 29	21 20	18 44	3 24	15 31	2 4	16 37	1 18	16 10	1 37	2 5	1 19	9 42	1 8	1 39	0 46	9 6	1 32	17 56	5 34	21 30	21 30	20 2	5 55	6 59
F 30	21s30	15s54	4n11	15s57	2n 0	16s58	1n16	15s55	1s36	2s 4	1s19	9n42	1n 8	1n39	0s46	9n 5	1s32	17n56	5n34	21s30	21s30	20s 3	5n54	7s 0

Julian Day Number = 2884296.5, Delta T = 01h16m44s
Ecliptic obliquity = 23°17'07, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°20'00, Lahiri = 40°27'01

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3184
geocentric

DECEMBER 3184 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 42 0	9♐ 0'29	12♒37	22♏22	23♏26	21♒46	27♓50	7♍42	5°R57	27°R28	26°R14	8°R 2	7♐56	25♏20	26♌51	S 1
S 2	4 45 57	10° 0'47	25°24	23°50	24°41	22°30	27°52	7°44	5♈57	27♈27	26♌14	8♐ 2	7°53	25°26	26°52	S 2
M 3	4 49 53	11° 1'06	8♓32	25°20	25°56	23°14	27°54	7°46	5°56	27°26	26°13	8°D 2	7°49	25°33	26°52	M 3
T 4	4 53 50	12° 1'27	22° 2	26°50	27°11	23°59	27°56	7°47	5°56	27°25	26°13	8° 2	7°46	25°40	26°53	T 4
W 5	4 57 46	13° 1'49	5♈55	28°22	28°26	24°43	27°59	7°49	5°55	27°24	26°13	8° 2	7°43	25°46	26°53	W 5
T 6	5 1 43	14° 2'12	20°13	29°54	29°41	25°27	28° 1	7°50	5°55	27°23	26°13	8° 2	7°40	25°53	26°53	T 6
F 7	5 5 39	15° 2'36	4♉53	1♐27	0♐57	26°11	28° 4	7°52	5°54	27°22	26°13	8° 3	7°37	26° 0	26°54	F 7
S 8	5 9 36	16° 3'02	19°50	3° 1	2°12	26°56	28° 7	7°53	5°54	27°21	26°12	8° 4	7°34	26° 6	26°R54	S 8
S 9	5 13 32	17° 3'30	4♊57	4°34	3°27	27°40	28°10	7°54	5°53	27°20	26°12	8°R 4	7°30	26°13	26°54	S 9
M10	5 17 29	18° 3'58	20° 6	6° 8	4°42	28°25	28°14	7°55	5°53	27°19	26°12	8° 4	7°27	26°19	26°53	M10
T 11	5 21 26	19° 4'29	5♋ 6	7°42	5°57	29° 9	28°18	7°56	5°53	27°18	26°11	8° 3	7°24	26°26	26°53	T 11
W12	5 25 22	20° 5'00	19°50	9°17	7°13	29°54	28°21	7°57	5°53	27°17	26°11	8° 2	7°21	26°33	26°53	W12
T 13	5 29 19	21° 5'34	4♌11	10°51	8°28	0♓39	28°25	7°58	5°53	27°17	26°10	8° 0	7°18	26°39	26°53	T 13
F 14	5 33 15	22° 6'08	18° 5	12°25	9°43	1°23	28°30	7°58	5°53	27°16	26°10	7°58	7°15	26°46	26°52	F 14
S 15	5 37 12	23° 6'45	1♍31	14° 0	10°58	2° 8	28°34	7°59	5°D53	27°15	26° 9	7°57	7°11	26°53	26°51	S 15
S 16	5 41 8	24° 7'23	14°32	15°34	12°14	2°53	28°39	7°59	5°53	27°14	26° 9	7°56	7° 8	26°59	26°51	S 16
M17	5 45 5	25° 8'02	27° 8	17° 9	13°29	3°37	28°43	7°59	5°53	27°14	26° 8	7°D56	7° 5	27° 6	26°50	M17
T 18	5 49 1	26° 8'43	9♎26	18°43	14°44	4°22	28°48	7°59	5°53	27°13	26° 8	7°56	7° 2	27°13	26°49	T 18
W19	5 52 58	27° 9'26	21°29	20°17	16° 0	5° 7	28°53	7°R59	5°53	27°12	26° 7	7°57	6°59	27°19	26°48	W19
T 20	5 56 55	28°10'10	3♏22	21°51	17°15	5°52	28°59	7°59	5°53	27°12	26° 7	7°59	6°55	27°26	26°47	T 20
F 21	6 0 51	29°10'55	15°10	23°26	18°30	6°37	29° 4	7°59	5°54	27°11	26° 6	8° 1	6°52	27°33	26°46	F 21
S 22	6 4 48	0♑11'42	26°57	25° 0	19°46	7°22	29°10	7°59	5°54	27°10	26° 5	8° 2	6°49	27°39	26°44	S 22
S 23	6 8 44	1°12'30	8♐45	26°34	21° 1	8° 7	29°16	7°58	5°54	27°10	26° 5	8°R 2	6°46	27°46	26°43	S 23
M24	6 12 41	2°13'20	20°39	28° 8	22°16	8°52	29°22	7°58	5°55	27° 9	26° 4	8° 2	6°43	27°53	26°41	M24
T 25	6 16 37	3°14'10	2♑40	29°42	23°32	9°37	29°28	7°57	5°55	27° 9	26° 3	8° 0	6°40	27°59	26°40	T 25
W26	6 20 34	4°15'02	14°50	1♑16	24°47	10°22	29°34	7°56	5°56	27° 9	26° 3	7°56	6°36	28° 6	26°38	W26
T 27	6 24 31	5°15'54	27°10	2°50	26° 3	11° 7	29°41	7°56	5°56	27° 8	26° 2	7°52	6°33	28°12	26°36	T 27
F 28	6 28 27	6°16'47	9♒42	4°25	27°18	11°53	29°48	7°55	5°57	27° 8	26° 1	7°47	6°30	28°19	26°34	F 28
S 29	6 32 24	7°17'41	22°26	5°59	28°34	12°38	29°55	7°53	5°58	27° 7	26° 0	7°42	6°27	28°26	26°32	S 29
S 30	6 36 20	8°18'36	5♓24	7°33	29°49	13°23	0♈ 2	7°52	5°59	27° 7	25°59	7°38	6°24	28°32	26°30	S 30
M31	6 40 17	9♑19'32	18♓36	9♑ 7	1♑ 4	14♓ 8	0♈ 9	7♍51	5♈59	27♈ 7	25♌59	7♐34	6♐21	28♏39	26♌28	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s39	12s18	4n47	16s24	1n55	17s18	1n15	15s39	1s35	2s 4	1s19	9n41	1n 8	1n39	0s46	9n 5	1s32	17n56	5n34	21s30	21s29	20s 4	5n53	7s 1
S 2	21 48	8 5	5 10	16 51	1 50	17 38	1 13	15 24	1 34	2 3	1 18	9 40	1 8	1 39	0 46	9 5	1 32	17 56	5 35	21 30	21 29	20 5	5 52	7 1
M 3	21 57	3 24	5 18	17 17	1 44	17 57	1 12	15 8	1 32	2 2	1 18	9 40	1 9	1 38	0 46	9 4	1 32	17 57	5 35	21 30	21 28	20 5	5 51	7 2
T 4	22 5	1n35	5 9	17 44	1 38	18 16	1 10	14 53	1 31	2 1	1 18	9 40	1 9	1 38	0 46	9 4	1 32	17 57	5 35	21 30	21 28	20 6	5 50	7 2
W 5	22 13	6 39	4 41	18 11	1 32	18 34	1 8	14 37	1 30	1 59	1 18	9 39	1 9	1 38	0 46	9 3	1 31	17 57	5 35	21 30	21 27	20 7	5 50	7 3
T 6	22 20	11 30	3 56	18 37	1 25	18 52	1 7	14 21	1 29	1 58	1 17	9 39	1 9	1 38	0 46	9 3	1 31	17 57	5 36	21 30	21 27	20 8	5 49	7 4
F 7	22 27	15 48	2 54	19 2	1 18	19 10	1 5	14 5	1 28	1 57	1 17	9 39	1 9	1 38	0 46	9 3	1 31	17 58	5 36	21 31	21 26	20 8	5 48	7 4
S 8	22 34	19 11	1 40	19 27	1 12	19 26	1 3	13 49	1 26	1 55	1 17	9 38	1 10	1 38	0 46	9 2	1 31	17 58	5 36	21 31	21 26	20 9	5 48	7 5
S 9	22 40	21 16	0 17	19 51	1 5	19 43	1 1	13 32	1 25	1 54	1 17	9 38	1 10	1 38	0 46	9 2	1 31	17 58	5 36	21 31	21 25	20 10	5 47	7 6
M10	22 45	21 49	1s 6	20 15	0 58	19 58	0 59	13 16	1 24	1 52	1 17	9 38	1 10	1 37	0 46	9 2	1 31	17 59	5 36	21 31	21 25	20 10	5 47	7 6
T 11	22 50	20 47	2 25	20 37	0 51	20 14	0 57	12 59	1 23	1 51	1 16	9 38	1 10	1 37	0 46	9 2	1 31	17 59	5 37	21 31	21 24	20 11	5 46	7 7
W12	22 55	18 20	3 32	20 59	0 43	20 28	0 55	12 42	1 22	1 49	1 16	9 38	1 11	1 37	0 46	9 1	1 31	17 59	5 37	21 30	21 24	20 12	5 46	7 7
T 13	22 59	14 49	4 24	21 20	0 36	20 42	0 53	12 26	1 20	1 47	1 16	9 38	1 11	1 37	0 46	9 1	1 31	18 0	5 37	21 30	21 23	20 13	5 45	7 8
F 14	23 3	10 35	4 58	21 40	0 29	20 56	0 51	12 9	1 19	1 45	1 16	9 38	1 11	1 37	0 45	9 1	1 31	18 0	5 37	21 30	21 23	20 13	5 45	7 8
S 15	23 6	5 57	5 15	21 58	0 22	21 8	0 49	11 52	1 18	1 43	1 15	9 38	1 11	1 37	0 45	9 1	1 31	18 0	5 37	21 30	21 22	20 14	5 45	7 9
S 16	23 9	1 12	5 15	22 16	0 15	21 21	0 47	11 35	1 17	1 41	1 15	9 38	1 11	1 37	0 45	9 0	1 31	18 1	5 38	21 29	21 22	20 15	5 44	7 10
M17	23 12	3s27	4 59	22 32	0 8	21 32	0 44	11 17	1 16	1 39	1 15	9 38	1 12	1 38	0 45	9 0	1 31	18 1	5 38	21 29	21 21	20 15	5 44	7 10
T 18	23 14	7 52	4 30	22 48	0 1	21 43	0 42	11 0	1 14	1 37	1 15	9 38	1 12	1 38	0 45	9 0	1 31	18 1	5 38	21 29	21 21	20 16	5 44	7 11
W19	23 15	11 53	3 50	23 2	0s 6	21 53	0 40	10 43	1 13	1 35	1 15	9 38	1 12	1 38	0 45	9 0	1 31	18 2	5 38	21 30	21 20	20 17	5 44	7 11
T 20	23 16	15 23	3 0	23 15	0 13	22 3	0 38	10 25	1 12	1 32	1 14	9 38	1 12	1 38	0 45	9 0	1 31	18 2	5 38	21 30	21 20	20 17	5 44	7 12
F 21	23 17	18 15	2 3	23 27	0 20	22 12	0 35	10 7	1 11	1 30	1 14	9 39	1 13	1 38	0 45	8 59	1 31	18 3	5 39	21 30	21 19	20 18	5 43	7 12
S 22	23 17	20 20	1 1	23 38	0 27	22 21	0 33	9 50	1 10	1 28	1 14	9 39	1 13	1 38	0 45	8 59	1 31	18 3	5 39	21 30	21 18	20 19	5 43	7 13
S 23	23 17	21 33	0n 4	23 48	0 33	22 28	0 31	9 32	1 8	1 25	1 14	9 39	1 13	1 38	0 45	8 59	1 31	18 3	5 39	21 30	21 18	20 19	5 43	7 14
M24	23 16	21 49	1 9	23 56	0 40	22 35	0 28	9 14	1 7	1 23	1 13	9 40	1 13	1 39	0 45	8 59	1 31	18 4	5 39	21 30	21 17	20 20	5 43	7 14
T 25	23 15	21 4	2 12	24 3	0 46	22 42	0 26	8 56	1 6	1 20	1 13	9 40	1 13	1 39	0 45	8 59	1 31	18 4	5 39	21 30	21 17	20 21	5 43	7 15
W26	23 13	19 20	3 9	24 9	0 52	22 47	0 24	8 38	1 5	1 17	1 13	9 41	1 14	1 39	0 45	8 59	1 31	18 5	5 40	21 29	21 16	20 21	5 43	7 15
T 27	23 11	16 42	3 58	24 13	0 58	22 52	0 21	8 20	1 4	1 14	1 13	9 41	1 14	1 39	0 45	8 59	1 31	18 5	5 40	21 29	21 16	20 22	5 43	7 16
F 28	23 8	13 16	4 36	24 17	1 4	22 57	0 19	8 2	1 2	1 12	1 13	9 42	1 14	1 40	0 45	8 59	1 31	18 6	5 40	21 28	21 15	20 22	5 44	7 16
S 29	23 5	9 11	5 2	24 19	1 10	23 0	0 16	7 43	1 1	1 9	1 12	9 42	1 14	1 40	0 45	8 58	1 31	18 6	5 40	21 27	21 15	20 23	5 44	7 17
S 30	23 2	4 37	5 13	24 19	1 15	23 3	0 14	7 25	1 0	1 6	1 12	9 43	1 14	1 40	0 45	8 58	1 30	18 7	5 40	21 26	21 14	20 24	5 44	7 17
M31	22s58	0n14	5n 7	24s19	1s20	23s 5	0n12	7s 7	0s59	1s 3	1s12	9n44	1n15	1n41	0s45	8n58	1s30	18n 7	5n41	21s26	21s14	20s24	5n44	7s18

Julian Day Number = 2884326.5, Delta T = 01h16m45s
Ecliptic obliquity = 23°17'06, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°20'05, Lahiri = 40°27'05

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ASTRODIENST EPHEMERIS for the year 3185
geocentric

JANUARY 3185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 44 13	10♑20'27	2♈ 4	10♑42	2♑20	14♓53	0♈16	7°R50	6♈ 0	27°R 7	25°R58	7°R33	6♐17	28♏46	26°R26	T 1
W 2	6 48 10	11°21'24	15°48	12°16	3°35	15°39	0°24	7♍48	6° 1	27♈ 7	25♌57	7°D32	6°14	28°52	26♌23	W 2
T 3	6 52 6	12°22'21	29°50	13°51	4°51	16°24	0°31	7°46	6° 2	27° 6	25°56	7♐33	6°11	28°59	26°21	T 3
F 4	6 56 3	13°23'18	14♉ 9	15°25	6° 6	17° 9	0°39	7°45	6° 3	27° 6	25°55	7°35	6° 8	29° 6	26°18	F 4
S 5	7 0 0	14°24'16	28°42	17° 0	7°22	17°54	0°47	7°43	6° 4	27° 6	25°54	7°36	6° 5	29°12	26°16	S 5
S 6	7 3 56	15°25'14	13♊26	18°35	8°37	18°40	0°55	7°41	6° 5	27° 6	25°53	7°R36	6° 1	29°19	26°13	S 6
M 7	7 7 53	16°26'13	28°15	20°10	9°52	19°25	1° 4	7°39	6° 6	27°D 6	25°52	7°35	5°58	29°26	26°10	M 7
T 8	7 11 49	17°27'13	13♋ 3	21°46	11° 8	20°10	1°12	7°37	6° 8	27° 6	25°51	7°31	5°55	29°32	26° 8	T 8
W 9	7 15 46	18°28'12	27°40	23°21	12°23	20°56	1°21	7°34	6° 9	27° 6	25°50	7°26	5°52	29°39	26° 5	W 9
T 10	7 19 42	19°29'13	12♌ 1	24°57	13°39	21°41	1°29	7°32	6°10	27° 6	25°49	7°19	5°49	29°46	26° 2	T 10
F 11	7 23 39	20°30'14	25°59	26°33	14°54	22°26	1°38	7°29	6°11	27° 6	25°48	7°11	5°46	29°52	25°59	F 11
S 12	7 27 35	21°31'15	9♍32	28° 9	16°10	23°12	1°47	7°27	6°13	27° 7	25°47	7° 5	5°42	29°59	25°55	S 12
S 13	7 31 32	22°32'17	22°38	29°45	17°25	23°57	1°56	7°24	6°14	27° 7	25°46	6°59	5°39	0♐ 5	25°52	S 13
M14	7 35 29	23°33'20	5♎19	1♒21	18°41	24°42	2° 5	7°21	6°16	27° 7	25°44	6°55	5°36	0°12	25°49	M14
T 15	7 39 25	24°34'24	17°40	2°58	19°56	25°28	2°15	7°19	6°17	27° 7	25°43	6°53	5°33	0°19	25°46	T 15
W16	7 43 22	25°35'28	29°44	4°35	21°12	26°13	2°24	7°16	6°19	27° 7	25°42	6°D53	5°30	0°25	25°42	W16
T 17	7 47 18	26°36'32	11♏38	6°11	22°27	26°58	2°34	7°13	6°21	27° 8	25°41	6°54	5°27	0°32	25°39	T 17
F 18	7 51 15	27°37'37	23°25	7°48	23°43	27°44	2°44	7° 9	6°22	27° 8	25°40	6°55	5°23	0°39	25°35	F 18
S 19	7 55 11	28°38'43	5♐12	9°25	24°58	28°29	2°54	7° 6	6°24	27° 9	25°39	6°R56	5°20	0°45	25°31	S 19
S 20	7 59 8	29°39'49	17° 3	11° 2	26°14	29°14	3° 4	7° 3	6°26	27° 9	25°37	6°55	5°17	0°52	25°28	S 20
M21	8 3 4	0♒40'56	29° 2	12°39	27°29	29°59	3°14	7° 0	6°28	27° 9	25°36	6°52	5°14	0°59	25°24	M21
T 22	8 7 1	1°42'02	11♑13	14°16	28°45	0♈45	3°24	6°56	6°29	27°10	25°35	6°47	5°11	1° 5	25°20	T 22
W23	8 10 58	2°43'09	23°37	15°52	0♒ 0	1°30	3°34	6°53	6°31	27°11	25°34	6°40	5° 7	1°12	25°16	W23
T 24	8 14 54	3°44'16	6♒15	17°29	1°16	2°16	3°45	6°49	6°33	27°11	25°32	6°30	5° 4	1°19	25°12	T 24
F 25	8 18 51	4°45'23	19° 7	19° 4	2°31	3° 1	3°56	6°45	6°35	27°12	25°31	6°19	5° 1	1°25	25° 9	F 25
S 26	8 22 47	5°46'29	2♓14	20°39	3°47	3°46	4° 6	6°41	6°37	27°12	25°30	6° 8	4°58	1°32	25° 5	S 26
S 27	8 26 44	6°47'36	15°32	22°13	5° 2	4°31	4°17	6°38	6°39	27°13	25°29	5°58	4°55	1°38	25° 0	S 27
M28	8 30 40	7°48'42	29° 2	23°46	6°18	5°17	4°28	6°34	6°41	27°14	25°27	5°50	4°52	1°45	24°56	M28
T 29	8 34 37	8°49'47	12♈41	25°17	7°33	6° 2	4°39	6°30	6°44	27°14	25°26	5°44	4°48	1°52	24°52	T 29
W30	8 38 33	9°50'52	26°29	26°46	8°49	6°47	4°50	6°26	6°46	27°15	25°25	5°41	4°45	1°58	24°48	W30
T 31	8 42 30	10♒51'57	10♉25	28♒14	10♒ 4	7♈32	5♈ 2	6♍21	6♈48	27♈16	25♌23	5°D40	4♐42	2♐ 5	24♌44	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸		⚷		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	22s53	5n11	4n45	24s17	1s25	23s 7	0n 9	6s48	0s58	1s 0	1s12	9n44	1n15	1n41	0s45	8n58	1s30	18n 8	5n41	21s26	21s13	20s25	5n45	7s18
W 2	22 48	9 58	4 6	24 13	1 30	23 7	0 7	6 30	0 57	0 56	1 12	9 45	1 15	1 41	0 45	8 58	1 30	18 8	5 41	21 26	21 13	20 25	5 45	7 19
T 3	22 43	14 20	3 12	24 9	1 35	23 7	0 4	6 11	0 56	0 53	1 11	9 46	1 15	1 42	0 45	8 58	1 30	18 9	5 41	21 26	21 12	20 26	5 45	7 19
F 4	22 37	17 58	2 5	24 3	1 39	23 7	0 2	5 53	0 54	0 50	1 11	9 47	1 15	1 42	0 45	8 58	1 30	18 9	5 41	21 26	21 12	20 27	5 46	7 20
S 5	22 31	20 32	0 48	23 56	1 44	23 5	0s 1	5 34	0 53	0 47	1 11	9 48	1 16	1 43	0 45	8 58	1 30	18 9	5 42	21 26	21 11	20 27	5 46	7 20
S 6	22 24	21 44	0s32	23 47	1 48	23 3	0 3	5 15	0 52	0 43	1 11	9 49	1 16	1 43	0 45	8 58	1 30	18 10	5 42	21 26	21 10	20 28	5 46	7 20
M 7	22 17	21 26	1 50	23 37	1 51	23 1	0 5	4 57	0 51	0 40	1 11	9 50	1 16	1 44	0 44	8 58	1 30	18 10	5 42	21 26	21 10	20 28	5 47	7 21
T 8	22 9	19 39	3 1	23 26	1 55	22 57	0 8	4 38	0 50	0 36	1 10	9 51	1 16	1 44	0 44	8 58	1 30	18 11	5 42	21 25	21 9	20 29	5 48	7 21
W 9	22 1	16 35	3 59	23 13	1 58	22 53	0 10	4 19	0 49	0 33	1 10	9 52	1 17	1 45	0 44	8 58	1 30	18 12	5 42	21 25	21 9	20 29	5 48	7 22
T 10	21 53	12 35	4 40	22 59	2 1	22 48	0 13	4 0	0 48	0 29	1 10	9 53	1 17	1 45	0 44	8 59	1 30	18 12	5 42	21 23	21 8	20 30	5 49	7 22
F 11	21 44	8 0	5 4	22 44	2 3	22 42	0 15	3 42	0 46	0 25	1 10	9 54	1 17	1 46	0 44	8 59	1 30	18 13	5 43	21 22	21 8	20 31	5 49	7 22
S 12	21 35	3 10	5 9	22 27	2 5	22 36	0 17	3 23	0 45	0 22	1 10	9 55	1 17	1 46	0 44	8 59	1 30	18 13	5 43	21 21	21 7	20 31	5 50	7 23
S 13	21 25	1s40	4 58	22 9	2 7	22 29	0 20	3 4	0 44	0 18	1 10	9 56	1 17	1 47	0 44	8 59	1 30	18 14	5 43	21 20	21 7	20 32	5 51	7 23
M14	21 15	6 16	4 32	21 49	2 9	22 21	0 22	2 45	0 43	0 14	1 9	9 57	1 18	1 48	0 44	8 59	1 30	18 14	5 43	21 19	21 6	20 32	5 51	7 24
T 15	21 4	10 31	3 55	21 29	2 10	22 13	0 24	2 26	0 42	0 10	1 9	9 58	1 18	1 48	0 44	8 59	1 30	18 15	5 43	21 19	21 5	20 33	5 52	7 24
W16	20 53	14 14	3 7	21 6	2 10	22 4	0 27	2 7	0 41	0 6	1 9	10 0	1 18	1 49	0 44	8 59	1 30	18 15	5 43	21 19	21 5	20 33	5 53	7 24
T 17	20 42	17 19	2 12	20 43	2 11	21 54	0 29	1 48	0 40	0 2	1 9	10 1	1 18	1 50	0 44	8 59	1 30	18 16	5 44	21 19	21 4	20 34	5 54	7 25
F 18	20 30	19 41	1 12	20 18	2 11	21 44	0 31	1 30	0 39	0n 2	1 9	10 2	1 18	1 50	0 44	9 0	1 30	18 16	5 44	21 19	21 4	20 34	5 55	7 25
S 19	20 18	21 11	0 9	19 52	2 10	21 33	0 33	1 11	0 38	0 6	1 8	10 4	1 18	1 51	0 44	9 0	1 30	18 17	5 44	21 20	21 3	20 35	5 56	7 25
S 20	20 5	21 46	0n54	19 25	2 9	21 21	0 36	0 52	0 37	0 10	1 8	10 5	1 19	1 52	0 44	9 0	1 29	18 17	5 44	21 20	21 3	20 35	5 57	7 25
M21	19 52	21 21	1 56	18 56	2 7	21 9	0 38	0 33	0 35	0 14	1 8	10 7	1 19	1 53	0 44	9 0	1 29	18 18	5 44	21 19	21 2	20 36	5 58	7 26
T 22	19 39	19 56	2 53	18 26	2 5	20 56	0 40	0 14	0 34	0 18	1 8	10 8	1 19	1 53	0 44	9 0	1 29	18 18	5 44	21 18	21 2	20 36	5 59	7 26
W23	19 26	17 34	3 43	17 55	2 2	20 42	0 42	0n 5	0 33	0 22	1 8	10 9	1 19	1 54	0 44	9 1	1 29	18 19	5 44	21 17	21 1	20 37	6 0	7 26
T 24	19 11	14 20	4 23	17 23	1 59	20 28	0 44	0 24	0 32	0 27	1 8	10 11	1 19	1 55	0 44	9 1	1 29	18 20	5 44	21 15	21 0	20 37	6 1	7 26
F 25	18 57	10 23	4 51	16 50	1 55	20 13	0 46	0 43	0 31	0 31	1 8	10 13	1 20	1 56	0 44	9 1	1 29	18 20	5 45	21 13	21 0	20 38	6 2	7 27
S 26	18 42	5 53	5 3	16 16	1 50	19 58	0 48	1 2	0 30	0 35	1 7	10 14	1 20	1 56	0 44	9 1	1 29	18 21	5 45	21 12	20 59	20 38	6 3	7 27
S 27	18 27	1 3	5 0	15 41	1 45	19 42	0 50	1 20	0 29	0 40	1 7	10 16	1 20	1 57	0 44	9 2	1 29	18 21	5 45	21 10	20 59	20 39	6 4	7 27
M28	18 12	3n54	4 40	15 4	1 39	19 25	0 52	1 39	0 28	0 44	1 7	10 17	1 20	1 58	0 44	9 2	1 29	18 22	5 45	21 8	20 58	20 39	6 5	7 27
T 29	17 56	8 43	4 4	14 28	1 32	19 8	0 54	1 58	0 27	0 49	1 7	10 19	1 20	1 59	0 44	9 2	1 29	18 22	5 45	21 7	20 58	20 40	6 6	7 27
W30	17 40	13 9	3 13	13 50	1 25	18 50	0 56	2 17	0 26	0 53	1 7	10 21	1 20	2 0	0 44	9 3	1 29	18 23	5 45	21 7	20 57	20 40	6 8	7 27
T 31	17s24	16n55	2n10	13s13	1s16	18s32	0s58	2n35	0s25	0n58	1s 7	10n22	1n21	2n 1	0s44	9n 3	1s29	18n24	5n45	21s 7	20s56	20s41	6n 9	7s27

Julian Day Number = 2884357.5, Delta T = 01h16m46s
Ecliptic obliquity = 23°17'06, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°20'09, Lahiri = 40°27'09

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ASTRODIENST EPHEMERIS for the year 3185
geocentric

FEBRUARY 3185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 46 27	11♒53'01	24♉30	29♒38	11♒20	8♈18	5♈13	6°R17	6♈50	27♈17	25°R22	5♐41	4♐39	2♐12	24°R40	F 1
S 2	8 50 23	12°54'05	8♊42	1♓ 0	12°35	9° 3	5°24	6♍13	6°53	27°18	25♌21	5°R41	4°36	2°18	24♌35	S 2
S 3	8 54 20	13°55'08	23° 1	2°18	13°51	9°48	5°36	6° 9	6°55	27°19	25°19	5°40	4°33	2°25	24°31	S 3
M 4	8 58 16	14°56'10	7♋23	3°31	15° 6	10°33	5°48	6° 4	6°57	27°20	25°18	5°36	4°29	2°32	24°27	M 4
T 5	9 2 13	15°57'12	21°44	4°40	16°22	11°18	5°59	6° 0	7° 0	27°21	25°17	5°30	4°26	2°38	24°22	T 5
W 6	9 6 9	16°58'13	6♌ 0	5°42	17°37	12° 4	6°11	5°55	7° 2	27°22	25°15	5°21	4°23	2°45	24°18	W 6
T 7	9 10 6	17°59'14	20° 4	6°38	18°52	12°49	6°23	5°51	7° 5	27°23	25°14	5° 9	4°20	2°52	24°14	T 7
F 8	9 14 2	19° 0'14	3♍51	7°27	20° 8	13°34	6°35	5°46	7° 7	27°24	25°13	4°57	4°17	2°58	24° 9	F 8
S 9	9 17 59	20° 1'13	17°18	8° 7	21°23	14°19	6°47	5°42	7°10	27°25	25°11	4°45	4°13	3° 5	24° 5	S 9
S 10	9 21 56	21° 2'12	0♎23	8°38	22°39	15° 4	7° 0	5°37	7°12	27°26	25°10	4°34	4°10	3°12	24° 0	S 10
M11	9 25 52	22° 3'11	13° 6	8°59	23°54	15°49	7°12	5°32	7°15	27°27	25° 8	4°26	4° 7	3°18	23°56	M11
T 12	9 29 49	23° 4'09	25°28	9°R 9	25°10	16°34	7°24	5°28	7°18	27°28	25° 7	4°20	4° 4	3°25	23°52	T 12
W13	9 33 45	24° 5'07	7♏34	9° 8	26°25	17°19	7°37	5°23	7°20	27°29	25° 6	4°17	4° 1	3°31	23°47	W13
T 14	9 37 42	25° 6'04	19°29	8°56	27°40	18° 4	7°49	5°18	7°23	27°31	25° 4	4°16	3°58	3°38	23°43	T 14
F 15	9 41 38	26° 7'01	1♐17	8°32	28°56	18°49	8° 2	5°13	7°26	27°32	25° 3	4°16	3°54	3°45	23°38	F 15
S 16	9 45 35	27° 7'57	13° 5	7°58	0♓11	19°33	8°15	5° 9	7°29	27°33	25° 1	4°16	3°51	3°51	23°34	S 16
S 17	9 49 31	28° 8'53	24°58	7°12	1°27	20°18	8°27	5° 4	7°31	27°35	25° 0	4°14	3°48	3°58	23°29	S 17
M18	9 53 28	29° 9'48	7♑ 0	6°18	2°42	21° 3	8°40	4°59	7°34	27°36	24°59	4°11	3°45	4° 5	23°25	M18
T 19	9 57 25	0♓10'43	19°17	5°16	3°57	21°48	8°53	4°54	7°37	27°37	24°57	4° 4	3°42	4°11	23°21	T 19
W20	10 1 21	1°11'36	1♒51	4° 8	5°13	22°33	9° 6	4°49	7°40	27°39	24°56	3°55	3°38	4°18	23°16	W20
T 21	10 5 18	2°12'29	14°45	2°56	6°28	23°18	9°19	4°44	7°43	27°40	24°55	3°43	3°35	4°25	23°12	T 21
F 22	10 9 14	3°13'21	27°58	1°43	7°43	24° 2	9°32	4°39	7°46	27°42	24°53	3°30	3°32	4°31	23° 7	F 22
S 23	10 13 11	4°14'12	11♓28	0°30	8°59	24°47	9°45	4°34	7°49	27°43	24°52	3°16	3°29	4°38	23° 3	S 23
S 24	10 17 7	5°15'02	25°12	29♒19	10°14	25°32	9°59	4°30	7°52	27°45	24°50	3° 4	3°26	4°45	22°59	S 24
M25	10 21 4	6°15'50	9♈ 8	28°12	11°29	26°16	10°12	4°25	7°55	27°46	24°49	2°54	3°23	4°51	22°54	M25
T 26	10 25 0	7°16'38	23°10	27°11	12°45	27° 1	10°25	4°20	7°58	27°48	24°48	2°46	3°19	4°58	22°50	T 26
W27	10 28 57	8°17'24	7♉16	26°16	14° 0	27°46	10°39	4°15	8° 1	27°50	24°46	2°42	3°16	5° 4	22°46	W27
T 28	10 32 54	9♓18'08	21♉22	25♒29	15♓15	28♈30	10♈52	4♍10	8♈ 4	27♈51	24♌45	2♐41	3♐13	5♐11	22♌42	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	17s 7	19n44	0n59	12s34	1s 7	18s13	0s59	2n54	0s24	1n 2	1s 7	10n24	1n21	2n 2	0s44	9n 3	1s29	18n24	5n45	21s 7	20s56	20s41	6n10	7s28	F 1
S 2	16 50	21 21	0s16	11 56	0 57	17 54	1 1	3 13	0 23	1 7	1 6	10 26	1 21	2 3	0 44	9 4	1 29	18 25	5 46	21 7	20 55	20 41	6 11	7 28	S 2
S 3	16 33	21 35	1 31	11 18	0 46	17 34	1 3	3 31	0 22	1 12	1 6	10 27	1 21	2 4	0 43	9 4	1 29	18 25	5 46	21 7	20 55	20 42	6 13	7 28	S 3
M 4	16 15	20 25	2 40	10 41	0 34	17 14	1 5	3 50	0 21	1 16	1 6	10 29	1 21	2 5	0 43	9 4	1 29	18 26	5 46	21 6	20 54	20 42	6 14	7 28	M 4
T 5	15 57	17 56	3 39	10 4	0 21	16 53	1 6	4 8	0 20	1 21	1 6	10 31	1 21	2 6	0 43	9 5	1 29	18 26	5 46	21 5	20 54	20 43	6 15	7 28	T 5
W 6	15 39	14 23	4 24	9 29	0 8	16 32	1 8	4 27	0 19	1 26	1 6	10 33	1 21	2 7	0 43	9 5	1 29	18 27	5 46	21 3	20 53	20 43	6 17	7 28	W 6
T 7	15 21	10 5	4 51	8 55	0n 7	16 10	1 9	4 45	0 18	1 31	1 6	10 34	1 22	2 8	0 43	9 6	1 29	18 27	5 46	21 1	20 52	20 44	6 18	7 28	T 7
F 8	15 2	5 20	5 1	8 22	0 22	15 48	1 11	5 3	0 17	1 36	1 6	10 36	1 22	2 9	0 43	9 6	1 29	18 28	5 46	20 59	20 52	20 44	6 20	7 28	F 8
S 9	14 43	0 27	4 54	7 53	0 39	15 25	1 12	5 22	0 16	1 41	1 5	10 38	1 22	2 10	0 43	9 6	1 29	18 29	5 46	20 57	20 51	20 44	6 21	7 28	S 9
S 10	14 24	4s19	4 32	7 26	0 55	15 2	1 13	5 40	0 15	1 45	1 5	10 40	1 22	2 11	0 43	9 7	1 29	18 29	5 46	20 55	20 51	20 45	6 23	7 28	S 10
M11	14 4	8 46	3 56	7 2	1 12	14 38	1 15	5 58	0 14	1 50	1 5	10 42	1 22	2 12	0 43	9 7	1 28	18 30	5 46	20 53	20 50	20 45	6 24	7 28	M11
T 12	13 44	12 45	3 10	6 42	1 30	14 15	1 16	6 16	0 13	1 55	1 5	10 44	1 22	2 13	0 43	9 8	1 28	18 30	5 47	20 52	20 49	20 46	6 25	7 28	T 12
W13	13 24	16 6	2 17	6 26	1 47	13 50	1 17	6 34	0 12	2 0	1 5	10 45	1 22	2 14	0 43	9 8	1 28	18 31	5 47	20 52	20 49	20 46	6 27	7 28	W13
T 14	13 4	18 44	1 18	6 14	2 5	13 26	1 18	6 52	0 11	2 5	1 5	10 47	1 23	2 15	0 43	9 9	1 28	18 31	5 47	20 52	20 48	20 46	6 28	7 27	T 14
F 15	12 44	20 33	0 16	6 8	2 21	13 0	1 19	7 10	0 10	2 10	1 5	10 49	1 23	2 16	0 43	9 9	1 28	18 32	5 47	20 52	20 48	20 47	6 30	7 27	F 15
S 16	12 23	21 27	0n47	6 6	2 37	12 35	1 20	7 28	0 9	2 15	1 5	10 51	1 23	2 17	0 43	9 10	1 28	18 32	5 47	20 52	20 47	20 47	6 32	7 27	S 16
S 17	12 2	21 24	1 47	6 9	2 52	12 9	1 21	7 45	0 8	2 21	1 5	10 53	1 23	2 18	0 43	9 10	1 28	18 33	5 47	20 51	20 46	20 47	6 33	7 27	S 17
M18	11 41	20 22	2 44	6 16	3 5	11 43	1 22	8 3	0 8	2 26	1 4	10 55	1 23	2 20	0 43	9 11	1 28	18 33	5 47	20 51	20 46	20 48	6 35	7 27	M18
T 19	11 20	18 22	3 34	6 28	3 16	11 17	1 23	8 20	0 7	2 31	1 4	10 57	1 23	2 21	0 43	9 11	1 28	18 34	5 47	20 49	20 45	20 48	6 36	7 27	T 19
W20	10 59	15 28	4 15	6 44	3 25	10 50	1 23	8 38	0 6	2 36	1 4	10 58	1 23	2 22	0 43	9 12	1 28	18 34	5 47	20 48	20 45	20 49	6 38	7 27	W20
T 21	10 37	11 46	4 44	7 4	3 32	10 23	1 24	8 55	0 5	2 41	1 4	11 0	1 23	2 23	0 43	9 12	1 28	18 35	5 47	20 46	20 44	20 49	6 39	7 26	T 21
F 22	10 16	7 25	4 59	7 26	3 36	9 56	1 25	9 12	0 4	2 46	1 4	11 2	1 23	2 24	0 43	9 13	1 28	18 35	5 47	20 43	20 43	20 49	6 41	7 26	F 22
S 23	9 54	2 38	4 57	7 50	3 37	9 28	1 25	9 30	0 3	2 52	1 4	11 4	1 24	2 25	0 43	9 14	1 28	18 36	5 47	20 41	20 43	20 50	6 43	7 26	S 23
S 24	9 32	2n22	4 38	8 15	3 37	9 0	1 26	9 47	0 2	2 57	1 4	11 6	1 24	2 27	0 43	9 14	1 28	18 37	5 47	20 38	20 42	20 50	6 44	7 26	S 24
M25	9 9	7 19	4 3	8 41	3 34	8 32	1 26	10 3	0 1	3 2	1 4	11 8	1 24	2 28	0 43	9 15	1 28	18 37	5 47	20 36	20 42	20 50	6 46	7 25	M25
T 26	8 47	11 56	3 13	9 6	3 29	8 4	1 27	10 20	0 0	3 7	1 4	11 10	1 24	2 29	0 43	9 15	1 28	18 38	5 47	20 35	20 41	20 51	6 47	7 25	T 26
W27	8 24	15 54	2 10	9 31	3 22	7 36	1 27	10 37	0n 0	3 13	1 4	11 12	1 24	2 30	0 43	9 16	1 28	18 38	5 47	20 34	20 40	20 51	6 49	7 25	W27
T 28	8s 2	18n57	0n59	9s55	3n13	7s 7	1s27	10n54	0n 1	3n18	1s 3	11n13	1n24	2n31	0s43	9n16	1s28	18n38	5n47	20s34	20s40	20s51	6n51	7s24	T 28

Julian Day Number = 2884388.5, Delta T = 01h16m46s
Ecliptic obliquity = 23°17'06, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°20'13, Lahiri = 40°27'14

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ASTRODIENST EPHEMERIS for the year 3185
geocentric

MARCH 3185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 36 50	10♓18'51	5♊28	24°R49	16♓31	29♈15	11♈ 6	4°R 5	8♈ 7	27♈53	24°R44	2°R40	3♐10	5♐18	22°R38	F 1
S 2	10 40 47	11°19'33	19°32	24♒18	17°46	29°59	11°19	4♍ 0	8°10	27°55	24♌42	2♐40	3° 7	5°24	22♌33	S 2
S 3	10 44 43	12°20'13	3♋34	23°54	19° 1	0♉44	11°33	3°55	8°14	27°56	24°41	2°39	3° 4	5°31	22°29	S 3
M 4	10 48 40	13°20'52	17°33	23°39	20°16	1°28	11°46	3°51	8°17	27°58	24°40	2°35	3° 0	5°38	22°25	M 4
T 5	10 52 36	14°21'28	1♌28	23°31	21°31	2°12	12° 0	3°46	8°20	28° 0	24°39	2°29	2°57	5°44	22°21	T 5
W 6	10 56 33	15°22'04	15°16	23°D31	22°47	2°57	12°14	3°41	8°23	28° 1	24°37	2°19	2°54	5°51	22°17	W 6
T 7	11 0 29	16°22'37	28°54	23°37	24° 2	3°41	12°28	3°36	8°26	28° 3	24°36	2° 8	2°51	5°58	22°13	T 7
F 8	11 4 26	17°23'09	12♍19	23°50	25°17	4°25	12°42	3°32	8°30	28° 5	24°35	1°55	2°48	6° 4	22°10	F 8
S 9	11 8 23	18°23'40	25°29	24° 9	26°32	5°10	12°56	3°27	8°33	28° 7	24°33	1°42	2°44	6°11	22° 6	S 9
S 10	11 12 19	19°24'09	8♎22	24°34	27°47	5°54	13° 9	3°22	8°36	28° 9	24°32	1°31	2°41	6°18	22° 2	S 10
M11	11 16 16	20°24'37	20°57	25° 4	29° 2	6°38	13°23	3°18	8°39	28°11	24°31	1°22	2°38	6°24	21°58	M11
T 12	11 20 12	21°25'04	3♏16	25°38	0♈17	7°22	13°38	3°13	8°43	28°13	24°30	1°16	2°35	6°31	21°55	T 12
W13	11 24 9	22°25'29	15°21	26°17	1°32	8° 6	13°52	3° 9	8°46	28°14	24°29	1°13	2°32	6°37	21°51	W13
T 14	11 28 5	23°25'53	27°15	27° 1	2°47	8°50	14° 6	3° 4	8°49	28°16	24°27	1°D11	2°29	6°44	21°48	T 14
F 15	11 32 2	24°26'16	9♐ 4	27°48	4° 2	9°34	14°20	3° 0	8°53	28°18	24°26	1°11	2°25	6°51	21°44	F 15
S 16	11 35 58	25°26'37	20°52	28°38	5°17	10°18	14°34	2°55	8°56	28°20	24°25	1°R12	2°22	6°57	21°41	S 16
S 17	11 39 55	26°26'57	2♑44	29°32	6°32	11° 2	14°48	2°51	8°59	28°22	24°24	1°12	2°19	7° 4	21°38	S 17
M18	11 43 51	27°27'16	14°47	0♓29	7°47	11°46	15° 2	2°47	9° 3	28°24	24°23	1°10	2°16	7°11	21°34	M18
T 19	11 47 48	28°27'34	27° 6	1°29	9° 2	12°30	15°17	2°43	9° 6	28°26	24°22	1° 6	2°13	7°17	21°31	T 19
W20	11 51 45	29°27'49	9♒44	2°31	10°17	13°14	15°31	2°39	9°10	28°28	24°21	1° 0	2°10	7°24	21°28	W20
T 21	11 55 41	0♈28'04	22°45	3°35	11°32	13°57	15°45	2°35	9°13	28°30	24°19	0°52	2° 6	7°31	21°25	T 21
F 22	11 59 38	1°28'17	6♓ 9	4°42	12°47	14°41	16° 0	2°31	9°16	28°32	24°18	0°42	2° 3	7°37	21°22	F 22
S 23	12 3 34	2°28'28	19°56	5°52	14° 2	15°25	16°14	2°27	9°20	28°35	24°17	0°31	2° 0	7°44	21°19	S 23
S 24	12 7 31	3°28'37	4♈ 3	7° 3	15°16	16° 8	16°28	2°23	9°23	28°37	24°16	0°22	1°57	7°51	21°17	S 24
M25	12 11 27	4°28'45	18°24	8°16	16°31	16°52	16°43	2°19	9°27	28°39	24°15	0°14	1°54	7°57	21°14	M25
T 26	12 15 24	5°28'51	2♉53	9°31	17°46	17°36	16°57	2°15	9°30	28°41	24°14	0° 9	1°50	8° 4	21°11	T 26
W27	12 19 20	6°28'55	17°25	10°47	19° 1	18°19	17°12	2°12	9°34	28°43	24°13	0° 6	1°47	8°10	21° 9	W27
T 28	12 23 17	7°28'57	1♊53	12° 6	20°16	19° 3	17°26	2° 8	9°37	28°45	24°12	0°D 5	1°44	8°17	21° 6	T 28
F 29	12 27 14	8°28'57	16°14	13°26	21°30	19°46	17°41	2° 5	9°40	28°47	24°11	0° 6	1°41	8°24	21° 4	F 29
S 30	12 31 10	9°28'55	0♋26	14°47	22°45	20°30	17°55	2° 1	9°44	28°49	24°10	0° 7	1°38	8°30	21° 2	S 30
S 31	12 35 7	10♈28'51	14♋26	16♓10	24♈ 0	21♉13	18♈10	1♍58	9♈47	28♈52	24♌10	0°R 7	1♐35	8♐37	21♌ 0	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s39	20n50	0s15	10s17	3n 3	6s38	1s27	11n10	0n 2	3n23	1s 3	11n15	1n24	2n33	0s43	9n17	1s28	18n39	5n47	20s34	20s39	20s51	6n52	7s24
S 2	7 16	21 25	1 28	10 37	2 52	6 9	1 27	11 27	0 3	3 29	1 3	11 17	1 24	2 34	0 43	9 18	1 28	18 39	5 47	20 34	20 39	20 52	6 54	7 24
S 3	6 53	20 39	2 36	10 56	2 41	5 40	1 27	11 43	0 4	3 34	1 3	11 19	1 24	2 35	0 43	9 18	1 28	18 40	5 47	20 33	20 38	20 52	6 56	7 23
M 4	6 30	18 36	3 34	11 13	2 29	5 10	1 27	11 59	0 5	3 39	1 3	11 21	1 24	2 36	0 43	9 19	1 28	18 40	5 48	20 33	20 37	20 52	6 57	7 23
T 5	6 7	15 30	4 19	11 27	2 16	4 41	1 27	12 15	0 6	3 45	1 3	11 22	1 24	2 38	0 43	9 20	1 28	18 41	5 48	20 31	20 37	20 53	6 59	7 23
W 6	5 44	11 33	4 48	11 39	2 3	4 11	1 27	12 31	0 6	3 50	1 3	11 24	1 24	2 39	0 43	9 20	1 28	18 41	5 48	20 29	20 36	20 53	7 0	7 22
T 7	5 21	7 5	5 1	11 49	1 50	3 41	1 27	12 47	0 7	3 56	1 3	11 26	1 24	2 40	0 43	9 21	1 28	18 42	5 48	20 27	20 36	20 53	7 2	7 22
F 8	4 57	2 19	4 56	11 58	1 37	3 12	1 27	13 2	0 8	4 1	1 3	11 28	1 24	2 42	0 43	9 22	1 28	18 42	5 48	20 25	20 35	20 53	7 4	7 21
S 9	4 34	2s27	4 36	12 4	1 24	2 42	1 26	13 18	0 9	4 6	1 3	11 29	1 24	2 43	0 43	9 22	1 28	18 43	5 48	20 22	20 34	20 54	7 5	7 21
S 10	4 10	7 0	4 2	12 7	1 12	2 12	1 26	13 33	0 10	4 12	1 3	11 31	1 25	2 44	0 43	9 23	1 28	18 43	5 48	20 20	20 34	20 54	7 7	7 20
M11	3 47	11 10	3 17	12 9	0 59	1 41	1 26	13 48	0 10	4 17	1 3	11 33	1 25	2 45	0 43	9 24	1 27	18 43	5 48	20 18	20 33	20 54	7 8	7 20
T 12	3 23	14 46	2 23	12 10	0 47	1 11	1 25	14 3	0 11	4 23	1 3	11 35	1 25	2 47	0 43	9 24	1 27	18 44	5 48	20 17	20 33	20 55	7 10	7 19
W13	2 59	17 40	1 23	12 8	0 35	0 41	1 24	14 18	0 12	4 28	1 3	11 36	1 25	2 48	0 43	9 25	1 27	18 44	5 48	20 16	20 32	20 55	7 12	7 19
T 14	2 36	19 46	0 21	12 4	0 23	0 11	1 24	14 33	0 13	4 34	1 3	11 38	1 25	2 49	0 43	9 26	1 27	18 45	5 48	20 16	20 31	20 55	7 13	7 18
F 15	2 12	20 59	0n42	11 59	0 12	0n19	1 23	14 48	0 13	4 39	1 2	11 39	1 25	2 51	0 43	9 26	1 27	18 45	5 48	20 16	20 31	20 55	7 15	7 18
S 16	1 48	21 15	1 43	11 52	0 1	0 50	1 22	15 2	0 14	4 45	1 2	11 41	1 25	2 52	0 43	9 27	1 27	18 45	5 48	20 16	20 30	20 55	7 16	7 17
S 17	1 24	20 35	2 40	11 43	0s10	1 20	1 21	15 17	0 15	4 50	1 2	11 43	1 25	2 53	0 43	9 28	1 27	18 46	5 48	20 16	20 29	20 56	7 18	7 17
M18	1 0	18 58	3 31	11 33	0 20	1 50	1 20	15 31	0 16	4 56	1 2	11 44	1 25	2 55	0 43	9 29	1 27	18 46	5 48	20 16	20 29	20 56	7 19	7 16
T 19	0 37	16 28	4 13	11 21	0 30	2 20	1 19	15 45	0 16	5 1	1 2	11 46	1 25	2 56	0 43	9 29	1 27	18 47	5 48	20 15	20 28	20 56	7 21	7 16
W20	0 13	13 8	4 44	11 8	0 40	2 51	1 18	15 59	0 17	5 7	1 2	11 47	1 25	2 57	0 43	9 30	1 27	18 47	5 48	20 14	20 28	20 56	7 22	7 15
T 21	0n11	9 5	5 2	10 53	0 49	3 21	1 17	16 13	0 18	5 12	1 2	11 49	1 25	2 59	0 43	9 31	1 27	18 47	5 48	20 12	20 27	20 57	7 24	7 15
F 22	0 35	4 29	5 3	10 37	0 57	3 51	1 16	16 26	0 19	5 18	1 2	11 50	1 25	3 0	0 43	9 32	1 27	18 48	5 47	20 10	20 26	20 57	7 25	7 14
S 23	0 59	0n27	4 48	10 19	1 5	4 21	1 15	16 40	0 19	5 23	1 2	11 51	1 25	3 1	0 43	9 32	1 27	18 48	5 47	20 8	20 26	20 57	7 27	7 13
S 24	1 22	5 29	4 14	10 0	1 13	4 51	1 14	16 53	0 20	5 29	1 2	11 53	1 25	3 3	0 43	9 33	1 27	18 48	5 47	20 6	20 25	20 57	7 28	7 13
M25	1 46	10 19	3 24	9 40	1 21	5 20	1 12	17 6	0 21	5 34	1 2	11 54	1 25	3 4	0 43	9 34	1 27	18 49	5 47	20 4	20 24	20 57	7 30	7 12
T 26	2 10	14 36	2 21	9 19	1 28	5 50	1 11	17 19	0 21	5 40	1 2	11 56	1 25	3 5	0 42	9 35	1 27	18 49	5 47	20 3	20 24	20 58	7 31	7 11
W27	2 33	18 0	1 8	8 56	1 34	6 20	1 9	17 32	0 22	5 45	1 2	11 57	1 25	3 7	0 42	9 35	1 27	18 49	5 47	20 2	20 23	20 58	7 32	7 11
T 28	2 57	20 15	0s10	8 32	1 41	6 49	1 8	17 44	0 23	5 51	1 2	11 58	1 25	3 8	0 42	9 36	1 27	18 49	5 47	20 2	20 23	20 58	7 34	7 10
F 29	3 21	21 9	1 26	8 7	1 46	7 18	1 6	17 57	0 24	5 56	1 2	11 59	1 25	3 9	0 42	9 37	1 27	18 50	5 47	20 2	20 22	20 58	7 35	7 9
S 30	3 44	20 41	2 36	7 40	1 52	7 47	1 5	18 9	0 24	6 2	1 2	12 0	1 25	3 11	0 42	9 38	1 27	18 50	5 47	20 3	20 21	20 58	7 36	7 9
S 31	4n 7	18n56	3s36	7s13	1s57	8n16	1s 3	18n21	0n25	6n 7	1s 2	12n 2	1n25	3n12	0s42	9n38	1s27	18n50	5n47	20s 3	20s21	20s58	7n38	7s 8

Julian Day Number = 2884416.5, Delta T = 01h16m47s
Ecliptic obliquity = 23°17'06, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°20'17, Lahiri = 40°27'18

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ASTRODIENST EPHEMERIS for the year 3185
geocentric

APRIL 3185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 39 3	11♈28'45	28♋15	17♓34	25♈14	21♉56	18♈24	1°R55	9♈51	28♈54	24°R 9	0°R 6	1♐31	8♐44	20°R58	M 1
T 2	12 43 0	12°28'36	11♌52	19° 0	26°29	22°40	18°39	1♍52	9°54	28°56	24♌ 8	0♐ 2	1°28	8°50	20♌56	T 2
W 3	12 46 56	13°28'26	25°17	20°27	27°43	23°23	18°53	1°49	9°58	28°58	24° 7	29♏57	1°25	8°57	20°54	W 3
T 4	12 50 53	14°28'13	8♍31	21°56	28°58	24° 6	19° 8	1°46	10° 1	29° 0	24° 6	29°50	1°22	9° 4	20°52	T 4
F 5	12 54 49	15°27'58	21°31	23°26	0♉12	24°49	19°22	1°43	10° 4	29° 3	24° 5	29°42	1°19	9°10	20°50	F 5
S 6	12 58 46	16°27'41	4♎19	24°57	1°27	25°32	19°37	1°40	10° 8	29° 5	24° 5	29°34	1°15	9°17	20°49	S 6
S 7	13 2 43	17°27'22	16°53	26°29	2°41	26°15	19°51	1°37	10°11	29° 7	24° 4	29°27	1°12	9°24	20°47	S 7
M 8	13 6 39	18°27'01	29°15	28° 3	3°56	26°58	20° 6	1°35	10°15	29° 9	24° 3	29°21	1° 9	9°30	20°46	M 8
T 9	13 10 36	19°26'38	11♏25	29°38	5°10	27°41	20°21	1°32	10°18	29°12	24° 2	29°17	1° 6	9°37	20°45	T 9
W10	13 14 32	20°26'13	23°24	1♈15	6°25	28°24	20°35	1°30	10°21	29°14	24° 2	29°16	1° 3	9°43	20°43	W10
T 11	13 18 29	21°25'47	5♐17	2°52	7°39	29° 7	20°50	1°28	10°25	29°16	24° 1	29°D16	1° 0	9°50	20°42	T 11
F 12	13 22 25	22°25'19	17° 5	4°31	8°53	29°50	21° 4	1°25	10°28	29°18	24° 1	29°17	0°56	9°57	20°41	F 12
S 13	13 26 22	23°24'49	28°53	6°12	10° 7	0♊33	21°19	1°23	10°32	29°21	24° 0	29°19	0°53	10° 3	20°40	S 13
S 14	13 30 18	24°24'18	10♑45	7°53	11°22	1°16	21°33	1°21	10°35	29°23	23°59	29°20	0°50	10°10	20°39	S 14
M15	13 34 15	25°23'44	22°47	9°36	12°36	1°58	21°48	1°19	10°38	29°25	23°59	29°R21	0°47	10°17	20°39	M15
T 16	13 38 11	26°23'09	5♒ 4	11°21	13°50	2°41	22° 3	1°18	10°42	29°27	23°58	29°21	0°44	10°23	20°38	T 16
W17	13 42 8	27°22'33	17°41	13° 6	15° 4	3°24	22°17	1°16	10°45	29°30	23°58	29°19	0°41	10°30	20°38	W17
T 18	13 46 5	28°21'54	0♓40	14°53	16°18	4° 6	22°32	1°14	10°48	29°32	23°57	29°16	0°37	10°37	20°37	T 18
F 19	13 50 1	29°21'14	14° 5	16°42	17°32	4°49	22°46	1°13	10°52	29°34	23°57	29°12	0°34	10°43	20°37	F 19
S 20	13 53 58	0♉20'32	27°57	18°31	18°47	5°31	23° 1	1°12	10°55	29°36	23°56	29° 7	0°31	10°50	20°37	S 20
S 21	13 57 54	1°19'48	12♈13	20°22	20° 1	6°14	23°15	1°10	10°58	29°39	23°56	29° 3	0°28	10°57	20°36	S 21
M22	14 1 51	2°19'03	26°50	22°15	21°15	6°56	23°30	1° 9	11° 1	29°41	23°56	29° 0	0°25	11° 3	20°D36	M22
T 23	14 5 47	3°18'15	11♉39	24° 9	22°29	7°39	23°44	1° 8	11° 5	29°43	23°55	28°58	0°21	11°10	20°37	T 23
W24	14 9 44	4°17'26	26°35	26° 4	23°42	8°21	23°59	1° 7	11° 8	29°46	23°55	28°D57	0°18	11°17	20°37	W24
T 25	14 13 40	5°16'34	11♊28	28° 1	24°56	9° 3	24°13	1° 6	11°11	29°48	23°55	28°57	0°15	11°23	20°37	T 25
F 26	14 17 37	6°15'40	26°12	29°59	26°10	9°46	24°27	1° 6	11°14	29°50	23°54	28°58	0°12	11°30	20°37	F 26
S 27	14 21 34	7°14'44	10♋41	1♉59	27°24	10°28	24°42	1° 5	11°18	29°52	23°54	29° 0	0° 9	11°36	20°38	S 27
S 28	14 25 30	8°13'46	24°53	3°59	28°38	11°10	24°56	1° 4	11°21	29°55	23°54	29° 1	0° 6	11°43	20°39	S 28
M29	14 29 27	9°12'46	8♌44	6° 1	29°52	11°52	25°11	1° 4	11°24	29°57	23°54	29°R 1	0° 2	11°50	20°39	M29
T 30	14 33 23	10♉11'43	22♌16	8♉ 4	1♊ 5	12♊34	25♈25	1♍ 4	11♈27	29♈59	23♌53	29♏ 1	29♏59	11♐56	20♌40	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n31	16n 6	4s22	6s45	2s 1	8n45	1s 1	18n33	0n26	6n13	1s 2	12n 3	1n25	3n13	0s42	9n39	1s27	18n51	5n47	20s 2	20s20	20s59	7n39	7s 7
T 2	4 54	12 25	4 53	6 15	2 5	9 14	1 0	18 44	0 26	6 18	1 2	12 4	1 25	3 15	0 42	9 40	1 27	18 51	5 47	20 2	20 19	20 59	7 40	7 7
W 3	5 17	8 11	5 7	5 44	2 9	9 42	0 58	18 56	0 27	6 24	1 2	12 5	1 25	3 16	0 42	9 41	1 27	18 51	5 47	20 0	20 19	20 59	7 42	7 6
T 4	5 40	3 36	5 5	5 12	2 12	10 10	0 56	19 7	0 27	6 29	1 2	12 6	1 25	3 17	0 42	9 42	1 27	18 51	5 47	19 59	20 18	20 59	7 43	7 5
F 5	6 3	1s 3	4 46	4 40	2 15	10 38	0 54	19 18	0 28	6 35	1 2	12 7	1 25	3 19	0 42	9 42	1 27	18 51	5 47	19 57	20 17	20 59	7 44	7 5
S 6	6 26	5 36	4 14	4 6	2 17	11 5	0 52	19 29	0 29	6 40	1 2	12 8	1 25	3 20	0 42	9 43	1 27	18 52	5 47	19 56	20 17	20 59	7 45	7 4
S 7	6 49	9 49	3 30	3 31	2 19	11 33	0 50	19 40	0 29	6 46	1 2	12 9	1 25	3 21	0 42	9 44	1 27	18 52	5 47	19 54	20 16	20 59	7 46	7 3
M 8	7 11	13 34	2 36	2 56	2 21	12 0	0 48	19 51	0 30	6 51	1 2	12 10	1 25	3 23	0 42	9 45	1 27	18 52	5 47	19 53	20 15	21 0	7 47	7 2
T 9	7 34	16 40	1 36	2 19	2 22	12 26	0 46	20 1	0 31	6 57	1 2	12 11	1 25	3 24	0 42	9 45	1 27	18 52	5 47	19 52	20 15	21 0	7 49	7 2
W10	7 56	19 1	0 32	1 41	2 22	12 53	0 44	20 11	0 31	7 2	1 2	12 11	1 24	3 25	0 42	9 46	1 27	18 52	5 47	19 52	20 14	21 0	7 50	7 1
T 11	8 18	20 30	0n33	1 3	2 23	13 19	0 42	20 21	0 32	7 7	1 2	12 12	1 24	3 27	0 42	9 47	1 27	18 53	5 47	19 52	20 14	21 0	7 51	7 0
F 12	8 40	21 4	1 36	0 24	2 22	13 45	0 39	20 31	0 32	7 13	1 2	12 13	1 24	3 28	0 42	9 48	1 27	18 53	5 47	19 52	20 13	21 0	7 52	6 59
S 13	9 2	20 42	2 35	0n17	2 22	14 10	0 37	20 40	0 33	7 18	1 2	12 14	1 24	3 29	0 42	9 49	1 27	18 53	5 46	19 52	20 12	21 0	7 53	6 59
S 14	9 24	19 24	3 28	0 58	2 20	14 35	0 35	20 50	0 34	7 24	1 2	12 14	1 24	3 31	0 42	9 49	1 27	18 53	5 46	19 53	20 12	21 0	7 54	6 58
M15	9 46	17 14	4 12	1 39	2 19	15 0	0 32	20 59	0 34	7 29	1 2	12 15	1 24	3 32	0 42	9 50	1 27	18 53	5 46	19 53	20 11	21 0	7 55	6 57
T 16	10 7	14 15	4 46	2 22	2 16	15 25	0 30	21 8	0 35	7 34	1 2	12 15	1 24	3 33	0 43	9 51	1 27	18 53	5 46	19 53	20 10	21 0	7 56	6 56
W17	10 28	10 33	5 7	3 5	2 14	15 49	0 28	21 17	0 35	7 40	1 2	12 16	1 24	3 35	0 43	9 52	1 27	18 53	5 46	19 52	20 10	21 0	7 56	6 56
T 18	10 49	6 16	5 13	3 49	2 11	16 12	0 25	21 25	0 36	7 45	1 2	12 17	1 24	3 36	0 43	9 53	1 27	18 53	5 46	19 52	20 9	21 0	7 57	6 55
F 19	11 10	1 33	5 3	4 34	2 7	16 35	0 23	21 33	0 36	7 50	1 2	12 17	1 24	3 37	0 43	9 53	1 27	18 54	5 46	19 51	20 8	21 1	7 58	6 54
S 20	11 31	3n24	4 35	5 19	2 3	16 58	0 20	21 42	0 37	7 56	1 2	12 17	1 24	3 38	0 43	9 54	1 27	18 54	5 46	19 50	20 8	21 1	7 59	6 53
S 21	11 52	8 19	3 49	6 5	1 58	17 21	0 18	21 49	0 37	8 1	1 2	12 18	1 24	3 40	0 43	9 55	1 27	18 54	5 46	19 49	20 7	21 1	8 0	6 53
M22	12 12	12 53	2 48	6 52	1 53	17 42	0 15	21 57	0 38	8 6	1 2	12 18	1 24	3 41	0 43	9 56	1 27	18 54	5 46	19 48	20 6	21 1	8 1	6 52
T 23	12 32	16 43	1 34	7 38	1 47	18 4	0 13	22 5	0 38	8 12	1 2	12 19	1 24	3 42	0 43	9 57	1 27	18 54	5 46	19 48	20 6	21 1	8 1	6 51
W24	12 52	19 29	0 13	8 26	1 41	18 25	0 10	22 12	0 39	8 17	1 2	12 19	1 24	3 43	0 43	9 57	1 27	18 54	5 46	19 48	20 5	21 1	8 2	6 50
T 25	13 12	20 53	1s 9	9 14	1 35	18 45	0 8	22 19	0 40	8 22	1 2	12 19	1 24	3 45	0 43	9 58	1 27	18 54	5 46	19 48	20 4	21 1	8 3	6 49
F 26	13 31	20 49	2 25	10 2	1 28	19 5	0 5	22 26	0 40	8 27	1 2	12 19	1 24	3 46	0 43	9 59	1 27	18 54	5 46	19 48	20 4	21 1	8 3	6 49
S 27	13 51	19 22	3 30	10 50	1 20	19 25	0 2	22 32	0 41	8 33	1 2	12 19	1 24	3 47	0 43	10 0	1 27	18 54	5 45	19 48	20 3	21 1	8 4	6 48
S 28	14 10	16 43	4 22	11 38	1 12	19 44	0n 0	22 39	0 41	8 38	1 2	12 20	1 24	3 48	0 43	10 0	1 27	18 54	5 45	19 49	20 2	21 1	8 4	6 47
M29	14 28	13 11	4 56	12 26	1 4	20 2	0 3	22 45	0 42	8 43	1 2	12 20	1 23	3 50	0 43	10 1	1 27	18 54	5 45	19 49	20 2	21 1	8 5	6 46
T 30	14n47	9n 3	5s14	13n15	0s55	20n20	0n 6	22n51	0n42	8n48	1s 2	12n20	1n23	3n51	0s43	10n 2	1s27	18n54	5n45	19s49	20s 1	21s 1	8n 5	6s45

Julian Day Number = 2884447.5, Delta T = 01h16m47s
Ecliptic obliquity = 23°17'06, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°20'21, Lahiri = 40°27'22

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ASTRODIENST EPHEMERIS for the year 3185
geocentric

MAY 3185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 37 20	11♉10'38	5♍30	10♉ 8	2♊19	13♊16	25♈39	1°R 4	11♈30	0♉ 1	23°R53	29°R 0	29♏56	12♐ 3	20♌41	W 1
T 2	14 41 16	12° 9'30	18°27	12°13	3°33	13°58	25°54	1°D 4	11°33	0° 4	23♌53	28♏58	29°53	12°10	20°42	T 2
F 3	14 45 13	13° 8'21	1♎ 8	14°19	4°46	14°40	26° 8	1♍ 4	11°36	0° 6	23°53	28°55	29°50	12°16	20°43	F 3
S 4	14 49 9	14° 7'09	13°37	16°26	6° 0	15°22	26°22	1° 4	11°39	0° 8	23°53	28°53	29°47	12°23	20°44	S 4
S 5	14 53 6	15° 5'56	25°54	18°33	7°13	16° 4	26°36	1° 4	11°42	0°10	23°53	28°51	29°43	12°30	20°46	S 5
M 6	14 57 3	16° 4'40	8♏ 1	20°40	8°27	16°46	26°50	1° 4	11°45	0°13	23°D53	28°50	29°40	12°36	20°47	M 6
T 7	15 0 59	17° 3'22	20° 0	22°47	9°40	17°28	27° 4	1° 5	11°48	0°15	23°53	28°49	29°37	12°43	20°49	T 7
W 8	15 4 56	18° 2'03	1♐54	24°54	10°54	18°10	27°19	1° 5	11°51	0°17	23°53	28°D49	29°34	12°50	20°50	W 8
T 9	15 8 52	19° 0'42	13°43	27° 0	12° 7	18°51	27°33	1° 6	11°54	0°19	23°53	28°49	29°31	12°56	20°52	T 9
F 10	15 12 49	19°59'19	25°31	29° 5	13°21	19°33	27°47	1° 7	11°57	0°21	23°53	28°50	29°27	13° 3	20°54	F 10
S 11	15 16 45	20°57'54	7♑20	1♊ 8	14°34	20°15	28° 1	1° 8	12° 0	0°23	23°53	28°51	29°24	13°10	20°56	S 11
S 12	15 20 42	21°56'28	19°14	3°11	15°47	20°56	28°15	1° 9	12° 3	0°26	23°53	28°51	29°21	13°16	20°58	S 12
M13	15 24 38	22°55'00	1♒18	5°11	17° 0	21°38	28°28	1°10	12° 5	0°28	23°54	28°52	29°18	13°23	21° 0	M13
T 14	15 28 35	23°53'30	13°34	7° 9	18°14	22°19	28°42	1°11	12° 8	0°30	23°54	28°52	29°15	13°29	21° 2	T 14
W15	15 32 32	24°51'59	26° 8	9° 5	19°27	23° 1	28°56	1°12	12°11	0°32	23°54	28°R52	29°12	13°36	21° 4	W15
T 16	15 36 28	25°50'26	9♓ 2	10°57	20°40	23°42	29°10	1°14	12°14	0°34	23°54	28°52	29° 8	13°43	21° 7	T 16
F 17	15 40 25	26°48'52	22°22	12°47	21°53	24°23	29°24	1°15	12°16	0°36	23°55	28°52	29° 5	13°49	21° 9	F 17
S 18	15 44 21	27°47'16	6♈ 8	14°34	23° 6	25° 5	29°37	1°17	12°19	0°38	23°55	28°52	29° 2	13°56	21°12	S 18
S 19	15 48 18	28°45'39	20°20	16°17	24°19	25°46	29°51	1°19	12°22	0°40	23°55	28°D52	28°59	14° 3	21°14	S 19
M20	15 52 14	29°44'00	4♉57	17°56	25°32	26°27	0♉ 5	1°21	12°24	0°42	23°56	28°52	28°56	14° 9	21°17	M20
T 21	15 56 11	0♊42'20	19°52	19°32	26°45	27° 8	0°18	1°23	12°27	0°44	23°56	28°52	28°52	14°16	21°20	T 21
W22	16 0 7	1°40'38	5♊ 0	21° 4	27°58	27°50	0°32	1°25	12°29	0°46	23°56	28°R52	28°49	14°23	21°23	W22
T 23	16 4 4	2°38'54	20°10	22°32	29°11	28°31	0°45	1°27	12°32	0°48	23°57	28°52	28°46	14°29	21°26	T 23
F 24	16 8 1	3°37'09	5♋13	23°56	0♋23	29°12	0°58	1°29	12°34	0°50	23°57	28°52	28°43	14°36	21°29	F 24
S 25	16 11 57	4°35'21	20° 1	25°16	1°36	29°53	1°12	1°31	12°37	0°52	23°58	28°51	28°40	14°43	21°32	S 25
S 26	16 15 54	5°33'32	4♌28	26°31	2°49	0♋34	1°25	1°34	12°39	0°54	23°58	28°50	28°37	14°49	21°35	S 26
M27	16 19 50	6°31'41	18°30	27°43	4° 2	1°15	1°38	1°37	12°41	0°56	23°59	28°50	28°33	14°56	21°39	M27
T 28	16 23 47	7°29'48	2♍ 7	28°50	5°14	1°56	1°51	1°39	12°44	0°58	23°59	28°D49	28°30	15° 3	21°42	T 28
W29	16 27 43	8°27'53	15°20	29°52	6°27	2°37	2° 5	1°42	12°46	1° 0	24° 0	28°49	28°27	15° 9	21°46	W29
T 30	16 31 40	9°25'56	28°10	0♋50	7°39	3°18	2°18	1°45	12°48	1° 2	24° 1	28°50	28°24	15°16	21°50	T 30
F 31	16 35 36	10♊23'57	10♎42	1♋44	8♋52	3♋59	2♉31	1♍48	12♈50	1♉ 4	24♌ 1	28♏51	28♏21	15♐23	21♌53	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	15n 5	4n34	5s14	14n 3	0s45	20n38	0n 8	22n57	0n43	8n53	1s 2	12n20	1n23	3n52	0s43	10n 3	1s27	18n54	5n45	19s48	20s 0	21s 1	8n 6	6s45	W 1
T 2	15 23	0s 2	4 58	14 50	0 36	20 54	0 11	23 2	0 43	8 58	1 2	12 20	1 23	3 53	0 43	10 4	1 27	18 54	5 45	19 48	20 0	21 1	8 6	6 44	T 2
F 3	15 41	4 33	4 28	15 37	0 26	21 11	0 14	23 8	0 43	9 3	1 2	12 20	1 23	3 54	0 43	10 4	1 27	18 54	5 45	19 47	19 59	21 1	8 7	6 43	F 3
S 4	15 58	8 48	3 45	16 24	0 16	21 26	0 16	23 13	0 44	9 8	1 2	12 19	1 23	3 55	0 43	10 5	1 27	18 54	5 45	19 47	19 58	21 1	8 7	6 42	S 4
S 5	16 16	12 37	2 52	17 9	0 5	21 41	0 19	23 18	0 44	9 13	1 2	12 19	1 23	3 57	0 43	10 6	1 27	18 54	5 45	19 46	19 58	21 1	8 7	6 41	S 5
M 6	16 33	15 52	1 53	17 53	0n 5	21 56	0 22	23 23	0 45	9 18	1 2	12 19	1 23	3 58	0 43	10 7	1 27	18 54	5 45	19 46	19 57	21 1	8 8	6 41	M 6
T 7	16 49	18 25	0 49	18 36	0 16	22 10	0 24	23 27	0 45	9 23	1 3	12 19	1 23	3 59	0 43	10 7	1 27	18 53	5 45	19 46	19 56	21 1	8 8	6 40	T 7
W 8	17 6	20 8	0n17	19 18	0 27	22 23	0 27	23 31	0 46	9 28	1 3	12 19	1 23	4 0	0 43	10 8	1 27	18 53	5 45	19 46	19 56	21 1	8 8	6 39	W 8
T 9	17 22	20 57	1 22	19 58	0 38	22 35	0 30	23 35	0 46	9 33	1 3	12 18	1 23	4 1	0 43	10 9	1 27	18 53	5 44	19 46	19 55	21 1	8 9	6 38	T 9
F 10	17 37	20 50	2 23	20 37	0 48	22 47	0 32	23 39	0 47	9 38	1 3	12 18	1 23	4 2	0 43	10 10	1 27	18 53	5 44	19 46	19 54	21 1	8 9	6 38	F 10
S 11	17 53	19 47	3 18	21 13	0 59	22 59	0 35	23 43	0 47	9 43	1 3	12 18	1 23	4 3	0 43	10 10	1 27	18 53	5 44	19 46	19 54	21 1	8 9	6 37	S 11
S 12	18 8	17 52	4 5	21 47	1 9	23 9	0 38	23 46	0 47	9 48	1 3	12 17	1 23	4 4	0 43	10 11	1 27	18 53	5 44	19 47	19 53	21 1	8 9	6 36	S 12
M13	18 23	15 9	4 42	22 19	1 19	23 19	0 40	23 49	0 48	9 53	1 3	12 17	1 23	4 5	0 43	10 12	1 27	18 53	5 44	19 47	19 52	21 1	8 9	6 35	M13
T 14	18 37	11 44	5 7	22 49	1 28	23 29	0 43	23 52	0 48	9 58	1 3	12 16	1 22	4 7	0 43	10 12	1 27	18 53	5 44	19 47	19 52	21 1	8 9	6 34	T 14
W15	18 52	7 44	5 18	23 16	1 37	23 37	0 45	23 55	0 49	10 3	1 3	12 16	1 22	4 8	0 43	10 13	1 27	18 52	5 44	19 47	19 51	21 1	8 9	6 34	W15
T 16	19 6	3 17	5 13	23 41	1 46	23 45	0 48	23 57	0 49	10 7	1 3	12 15	1 22	4 9	0 43	10 14	1 27	18 52	5 44	19 47	19 50	21 1	8 9	6 33	T 16
F 17	19 19	1n28	4 52	24 3	1 53	23 53	0 51	23 59	0 50	10 12	1 3	12 14	1 22	4 10	0 43	10 15	1 27	18 52	5 44	19 47	19 49	21 1	8 9	6 32	F 17
S 18	19 32	6 18	4 13	24 23	2 0	23 59	0 53	24 2	0 50	10 17	1 3	12 14	1 22	4 11	0 43	10 15	1 27	18 52	5 44	19 47	19 49	21 0	8 9	6 31	S 18
S 19	19 45	10 58	3 18	24 41	2 7	24 5	0 56	24 3	0 50	10 22	1 3	12 13	1 22	4 12	0 43	10 16	1 27	18 52	5 44	19 47	19 48	21 0	8 9	6 31	S 19
M20	19 58	15 7	2 9	24 56	2 12	24 11	0 58	24 5	0 51	10 26	1 3	12 12	1 22	4 13	0 43	10 17	1 28	18 52	5 44	19 47	19 47	21 0	8 9	6 30	M20
T 21	20 10	18 24	0 50	25 9	2 17	24 15	1 1	24 6	0 51	10 31	1 3	12 12	1 22	4 14	0 43	10 17	1 28	18 51	5 43	19 47	19 47	21 0	8 9	6 29	T 21
W22	20 22	20 26	0s34	25 20	2 21	24 19	1 3	24 7	0 51	10 35	1 4	12 11	1 22	4 15	0 43	10 18	1 28	18 51	5 43	19 47	19 46	21 0	8 8	6 28	W22
T 23	20 33	21 0	1 56	25 28	2 24	24 22	1 5	24 8	0 52	10 40	1 4	12 10	1 22	4 15	0 43	10 19	1 28	18 51	5 43	19 47	19 45	21 0	8 8	6 28	T 23
F 24	20 44	20 2	3 9	25 35	2 26	24 25	1 8	24 9	0 52	10 45	1 4	12 9	1 22	4 16	0 43	10 19	1 28	18 51	5 43	19 47	19 45	21 0	8 8	6 27	F 24
S 25	20 55	17 43	4 8	25 39	2 27	24 27	1 10	24 10	0 53	10 49	1 4	12 8	1 22	4 17	0 43	10 20	1 28	18 50	5 43	19 46	19 44	21 0	8 8	6 26	S 25
S 26	21 6	14 20	4 49	25 42	2 27	24 28	1 12	24 10	0 53	10 54	1 4	12 7	1 22	4 18	0 43	10 21	1 28	18 50	5 43	19 46	19 43	21 0	8 7	6 25	S 26
M27	21 16	10 13	5 13	25 42	2 26	24 28	1 15	24 10	0 53	10 58	1 4	12 6	1 22	4 19	0 43	10 21	1 28	18 50	5 43	19 46	19 43	21 0	8 7	6 25	M27
T 28	21 25	5 42	5 17	25 41	2 25	24 28	1 17	24 10	0 54	11 2	1 4	12 5	1 21	4 20	0 43	10 22	1 28	18 50	5 43	19 46	19 42	21 0	8 7	6 24	T 28
W29	21 34	1 3	5 5	25 39	2 22	24 27	1 19	24 9	0 54	11 7	1 4	12 4	1 21	4 21	0 43	10 23	1 28	18 49	5 43	19 46	19 41	20 59	8 6	6 23	W29
T 30	21 43	3s31	4 37	25 35	2 18	24 25	1 21	24 9	0 54	11 11	1 4	12 3	1 21	4 22	0 43	10 23	1 28	18 49	5 43	19 46	19 40	20 59	8 6	6 23	T 30
F 31	21n52	7s51	3s57	25n30	2n13	24n22	1n23	24n 8	0n55	11n15	1s 4	12n 2	1n21	4n23	0s43	10n24	1s28	18n49	5n43	19s46	19s40	20s59	8n 5	6s22	F 31

Julian Day Number = 2884477.5, Delta T = 01h16m48s
Ecliptic obliquity = 23°17'05, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°20'26, Lahiri = 40°27'26

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ASTRODIENST EPHEMERIS for the year 3185
geocentric

JUNE 3185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 39 33	11♊21'56	22♎58	2♋33	10♋ 4	4♋39	2♉43	1♍51	12♈53	1♉ 6	24♘ 2	28♏52	28♏18	15♐29	21♘57	S 1
S 2	16 43 30	12°19'54	5♏ 3	3°17	11°17	5°20	2°56	1°54	12°55	1° 8	24° 3	28°53	28°14	15°36	22° 1	S 2
M 3	16 47 26	13°17'50	17° 0	3°57	12°29	6° 1	3° 9	1°57	12°57	1° 9	24° 3	28°54	28°11	15°42	22° 5	M 3
T 4	16 51 23	14°15'45	28°51	4°31	13°41	6°41	3°22	2° 1	12°59	1°11	24° 4	28°R54	28° 8	15°49	22° 9	T 4
W 5	16 55 19	15°13'38	10♐40	5° 1	14°53	7°22	3°34	2° 4	13° 1	1°13	24° 5	28°54	28° 5	15°56	22°13	W 5
T 6	16 59 16	16°11'30	22°28	5°26	16° 6	8° 3	3°47	2° 8	13° 3	1°15	24° 6	28°53	28° 2	16° 2	22°17	T 6
F 7	17 3 12	17° 9'20	4♑18	5°47	17°18	8°43	3°59	2°11	13° 5	1°16	24° 6	28°51	27°58	16° 9	22°22	F 7
S 8	17 7 9	18° 7'09	16°12	6° 2	18°30	9°24	4°12	2°15	13° 7	1°18	24° 7	28°48	27°55	16°16	22°26	S 8
S 9	17 11 5	19° 4'57	28°12	6°12	19°42	10° 4	4°24	2°19	13° 9	1°20	24° 8	28°45	27°52	16°22	22°31	S 9
M10	17 15 2	20° 2'44	10♒21	6°18	20°54	10°45	4°37	2°23	13°10	1°21	24° 9	28°41	27°49	16°29	22°35	M10
T 11	17 18 59	21° 0'29	22°41	6°R19	22° 6	11°25	4°49	2°26	13°12	1°23	24°10	28°39	27°46	16°36	22°40	T 11
W12	17 22 55	21°58'13	5♓16	6°15	23°18	12° 5	5° 1	2°31	13°14	1°25	24°11	28°37	27°43	16°42	22°44	W12
T 13	17 26 52	22°55'57	18° 9	6° 7	24°29	12°46	5°13	2°35	13°16	1°26	24°12	28°D36	27°39	16°49	22°49	T 13
F 14	17 30 48	23°53'39	1♈22	5°54	25°41	13°26	5°25	2°39	13°17	1°28	24°13	28°36	27°36	16°56	22°54	F 14
S 15	17 34 45	24°51'21	14°59	5°38	26°53	14° 6	5°37	2°43	13°19	1°29	24°14	28°37	27°33	17° 2	22°59	S 15
S 16	17 38 41	25°49'01	29° 0	5°18	28° 4	14°47	5°48	2°48	13°20	1°31	24°15	28°38	27°30	17° 9	23° 4	S 16
M17	17 42 38	26°46'41	13♉26	4°54	29°16	15°27	6° 0	2°52	13°22	1°32	24°16	28°40	27°27	17°16	23° 9	M17
T 18	17 46 34	27°44'20	28°13	4°28	0♌28	16° 7	6°12	2°57	13°23	1°34	24°17	28°R40	27°24	17°22	23°14	T 18
W19	17 50 31	28°41'58	13♊16	3°59	1°39	16°47	6°23	3° 1	13°25	1°35	24°18	28°40	27°20	17°29	23°19	W19
T 20	17 54 28	29°39'35	28°27	3°28	2°50	17°27	6°35	3° 6	13°26	1°37	24°19	28°37	27°17	17°36	23°24	T 20
F 21	17 58 24	0♋37'11	13♋37	2°56	4° 2	18° 7	6°46	3°11	13°27	1°38	24°20	28°34	27°14	17°42	23°30	F 21
S 22	18 2 21	1°34'46	28°35	2°23	5°13	18°47	6°57	3°16	13°29	1°39	24°21	28°29	27°11	17°49	23°35	S 22
S 23	18 6 17	2°32'19	13♌13	1°49	6°24	19°27	7° 8	3°21	13°30	1°41	24°22	28°25	27° 8	17°56	23°41	S 23
M24	18 10 14	3°29'52	27°27	1°16	7°36	20° 7	7°20	3°26	13°31	1°42	24°24	28°20	27° 4	18° 2	23°46	M24
T 25	18 14 10	4°27'23	11♍12	0°43	8°47	20°47	7°30	3°31	13°32	1°43	24°25	28°17	27° 1	18° 9	23°52	T 25
W26	18 18 7	5°24'53	24°29	0°12	9°58	21°27	7°41	3°36	13°33	1°45	24°26	28°15	26°58	18°16	23°57	W26
T 27	18 22 4	6°22'21	7♎20	29♊43	11° 9	22° 7	7°52	3°41	13°34	1°46	24°27	28°D14	26°55	18°22	24° 3	T 27
F 28	18 26 0	7°19'49	19°49	29°17	12°20	22°47	8° 3	3°46	13°35	1°47	24°29	28°15	26°52	18°29	24° 9	F 28
S 29	18 29 57	8°17'15	2♏ 1	28°53	13°30	23°27	8°13	3°52	13°36	1°48	24°30	28°16	26°49	18°35	24°14	S 29
S 30	18 33 53	9♋14'41	14♏ 1	28♊32	14♌41	24♋ 7	8♉24	3♍57	13♈37	1♉49	24♘31	28♏18	26♏45	18♐42	24♘20	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 0	11s46	3s 6	25n23	2n 8	24n19	1n25	24n 7	0n55	11n20	1s 4	12n 1	1n21	4n23	0s43	10n24	1s28	18n48	5n43	19s47	19s39	20s59	8n 5	6s21
S 2	22 8	15 9	2 8	25 16	2 1	24 15	1 27	24 6	0 55	11 24	1 5	12 0	1 21	4 24	0 43	10 25	1 28	18 48	5 42	19 47	19 38	20 59	8 4	6 20
M 3	22 15	17 51	1 6	25 7	1 53	24 11	1 29	24 4	0 56	11 28	1 5	11 58	1 21	4 25	0 43	10 26	1 28	18 48	5 42	19 47	19 38	20 59	8 3	6 20
T 4	22 22	19 47	0 0	24 57	1 44	24 6	1 31	24 3	0 56	11 32	1 5	11 57	1 21	4 26	0 43	10 26	1 28	18 48	5 42	19 47	19 37	20 59	8 3	6 19
W 5	22 28	20 50	1n 5	24 46	1 35	24 0	1 33	24 1	0 56	11 37	1 5	11 56	1 21	4 26	0 43	10 27	1 28	18 47	5 42	19 47	19 36	20 58	8 2	6 18
T 6	22 34	20 58	2 7	24 34	1 24	23 53	1 35	23 59	0 57	11 41	1 5	11 55	1 21	4 27	0 43	10 27	1 28	18 47	5 42	19 47	19 36	20 58	8 1	6 18
F 7	22 40	20 10	3 3	24 21	1 12	23 46	1 36	23 57	0 57	11 45	1 5	11 53	1 21	4 28	0 43	10 28	1 28	18 47	5 42	19 46	19 35	20 58	8 1	6 17
S 8	22 45	18 28	3 52	24 8	0 59	23 38	1 38	23 54	0 57	11 49	1 5	11 52	1 21	4 29	0 43	10 28	1 28	18 46	5 42	19 46	19 34	20 58	8 0	6 16
S 9	22 50	15 57	4 32	23 54	0 46	23 29	1 39	23 52	0 57	11 53	1 5	11 50	1 21	4 29	0 44	10 29	1 28	18 46	5 42	19 45	19 33	20 58	7 59	6 16
M10	22 55	12 44	4 59	23 40	0 31	23 20	1 41	23 49	0 58	11 57	1 5	11 49	1 21	4 30	0 44	10 29	1 28	18 45	5 42	19 44	19 33	20 58	7 58	6 15
T 11	22 59	8 55	5 13	23 24	0 16	23 10	1 42	23 46	0 58	12 1	1 6	11 48	1 21	4 31	0 44	10 30	1 28	18 45	5 42	19 44	19 32	20 57	7 58	6 14
W12	23 3	4 39	5 13	23 9	0 0	23 0	1 44	23 42	0 58	12 5	1 6	11 46	1 21	4 31	0 44	10 30	1 28	18 45	5 42	19 43	19 31	20 57	7 57	6 14
T 13	23 6	0 6	4 57	22 53	0s16	22 49	1 45	23 39	0 59	12 8	1 6	11 45	1 20	4 32	0 44	10 31	1 28	18 44	5 42	19 43	19 31	20 57	7 56	6 13
F 14	23 9	4n36	4 25	22 36	0 33	22 37	1 46	23 35	0 59	12 12	1 6	11 43	1 20	4 32	0 44	10 31	1 28	18 44	5 42	19 43	19 30	20 57	7 55	6 13
S 15	23 11	9 13	3 38	22 20	0 50	22 24	1 48	23 31	0 59	12 16	1 6	11 41	1 20	4 33	0 44	10 32	1 28	18 44	5 42	19 43	19 29	20 57	7 54	6 12
S 16	23 13	13 29	2 36	22 3	1 8	22 11	1 49	23 27	0 59	12 20	1 6	11 40	1 20	4 34	0 44	10 32	1 28	18 43	5 42	19 44	19 28	20 56	7 53	6 11
M17	23 15	17 5	1 23	21 46	1 25	21 58	1 50	23 23	1 0	12 24	1 6	11 38	1 20	4 34	0 44	10 33	1 29	18 43	5 41	19 44	19 28	20 56	7 52	6 11
T 18	23 16	19 40	0 2	21 30	1 43	21 43	1 51	23 19	1 0	12 27	1 6	11 36	1 20	4 35	0 44	10 33	1 29	18 42	5 41	19 44	19 27	20 56	7 51	6 10
W19	23 17	20 56	1s19	21 13	2 0	21 29	1 52	23 14	1 0	12 31	1 7	11 35	1 20	4 35	0 44	10 34	1 29	18 42	5 41	19 44	19 26	20 56	7 50	6 9
T 20	23 17	20 40	2 36	20 57	2 17	21 13	1 52	23 9	1 0	12 34	1 7	11 33	1 20	4 36	0 44	10 34	1 29	18 42	5 41	19 43	19 26	20 56	7 49	6 9
F 21	23 17	18 55	3 42	20 41	2 34	20 57	1 53	23 4	1 1	12 38	1 7	11 31	1 20	4 36	0 44	10 35	1 29	18 41	5 41	19 43	19 25	20 55	7 48	6 8
S 22	23 16	15 53	4 31	20 26	2 50	20 41	1 54	22 59	1 1	12 41	1 7	11 29	1 20	4 37	0 44	10 35	1 29	18 41	5 41	19 42	19 24	20 55	7 46	6 8
S 23	23 16	11 55	5 1	20 11	3 5	20 24	1 54	22 53	1 1	12 45	1 7	11 28	1 20	4 37	0 44	10 36	1 29	18 40	5 41	19 41	19 23	20 55	7 45	6 7
M24	23 14	7 23	5 12	19 58	3 19	20 6	1 55	22 48	1 1	12 48	1 7	11 26	1 20	4 38	0 44	10 36	1 29	18 40	5 41	19 40	19 23	20 55	7 44	6 7
T 25	23 13	2 37	5 4	19 45	3 32	19 48	1 55	22 42	1 1	12 52	1 7	11 24	1 20	4 38	0 44	10 36	1 29	18 39	5 41	19 39	19 22	20 54	7 43	6 6
W26	23 10	2s 7	4 40	19 33	3 44	19 29	1 56	22 36	1 2	12 55	1 8	11 22	1 20	4 38	0 44	10 37	1 29	18 39	5 41	19 38	19 21	20 54	7 41	6 5
T 27	23 8	6 37	4 3	19 22	3 55	19 10	1 56	22 30	1 2	12 58	1 8	11 20	1 20	4 39	0 44	10 37	1 29	18 38	5 41	19 38	19 21	20 54	7 40	6 5
F 28	23 5	10 42	3 14	19 13	4 4	18 51	1 56	22 24	1 2	13 2	1 8	11 18	1 20	4 39	0 44	10 37	1 29	18 38	5 41	19 38	19 20	20 54	7 39	6 4
S 29	23 2	14 16	2 18	19 5	4 12	18 31	1 56	22 17	1 2	13 5	1 8	11 16	1 20	4 39	0 44	10 38	1 29	18 37	5 41	19 39	19 19	20 53	7 37	6 4
S 30	22n58	17s10	1s17	18n58	4s19	18n10	1n56	22n11	1n 3	13n 8	1s 8	11n14	1n20	4n40	0s44	10n38	1s29	18n37	5n41	19s39	19s18	20s53	7n36	6s 3

Julian Day Number = 2884508.5, Delta T = 01h16m49s
Ecliptic obliquity = 23°17'04, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°20'30, Lahiri = 40°27'30

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ASTRODIENST EPHEMERIS for the year 3185
geocentric

JULY 3185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 37 50	10♋12'06	25♏52	28°R15	15♌52	24♋46	8♉34	4♍ 3	13♈38	1♉50	24♌32	28°R18	26♏42	18♐49	24♌26	M 1
T 2	18 41 46	11° 9'29	7♐40	28♊ 1	17° 2	25°26	8°44	4° 8	13°39	1°52	24°34	28♏18	26°39	18°55	24°32	T 2
W 3	18 45 43	12° 6'52	19°27	27°52	18°13	26° 6	8°54	4°14	13°40	1°53	24°35	28°16	26°36	19° 2	24°38	W 3
T 4	18 49 39	13° 4'14	1♑18	27°47	19°23	26°45	9° 4	4°20	13°40	1°54	24°36	28°11	26°33	19° 9	24°44	T 4
F 5	18 53 36	14° 1'35	13°13	27°D47	20°34	27°25	9°14	4°25	13°41	1°55	24°38	28° 5	26°30	19°15	24°50	F 5
S 6	18 57 33	14°58'56	25°15	27°51	21°44	28° 5	9°24	4°31	13°42	1°56	24°39	27°57	26°26	19°22	24°57	S 6
S 7	19 1 29	15°56'16	7♒26	28° 0	22°54	28°44	9°34	4°37	13°42	1°56	24°41	27°49	26°23	19°29	25° 3	S 7
M 8	19 5 26	16°53'36	19°46	28°13	24° 4	29°24	9°43	4°43	13°43	1°57	24°42	27°40	26°20	19°35	25° 9	M 8
T 9	19 9 22	17°50'55	2♓17	28°31	25°14	0♌ 3	9°53	4°49	13°43	1°58	24°44	27°32	26°17	19°42	25°15	T 9
W10	19 13 19	18°48'14	15° 0	28°54	26°24	0°43	10° 2	4°55	13°44	1°59	24°45	27°26	26°14	19°49	25°22	W10
T 11	19 17 15	19°45'32	27°57	29°21	27°34	1°22	10°11	5° 1	13°44	2° 0	24°46	27°22	26°10	19°55	25°28	T 11
F 12	19 21 12	20°42'51	11♈11	29°53	28°44	2° 2	10°20	5° 7	13°44	2° 1	24°48	27°19	26° 7	20° 2	25°35	F 12
S 13	19 25 8	21°40'09	24°43	0♋29	29°54	2°41	10°29	5°14	13°45	2° 1	24°49	27°D19	26° 4	20° 9	25°41	S 13
S 14	19 29 5	22°37'27	8♉34	1° 9	1♍ 3	3°20	10°38	5°20	13°45	2° 2	24°51	27°20	26° 1	20°15	25°48	S 14
M15	19 33 2	23°34'45	22°45	1°55	2°13	4° 0	10°46	5°26	13°45	2° 3	24°52	27°R20	25°58	20°22	25°54	M15
T 16	19 36 58	24°32'03	7♊16	2°44	3°22	4°39	10°55	5°33	13°45	2° 3	24°54	27°20	25°55	20°29	26° 1	T 16
W17	19 40 55	25°29'22	22° 3	3°38	4°31	5°18	11° 3	5°39	13°45	2° 4	24°56	27°18	25°51	20°35	26° 8	W17
T 18	19 44 51	26°26'40	7♋ 1	4°36	5°41	5°58	11°11	5°46	13°R45	2° 5	24°57	27°13	25°48	20°42	26°14	T 18
F 19	19 48 48	27°23'58	22° 1	5°38	6°50	6°37	11°20	5°52	13°45	2° 5	24°59	27° 6	25°45	20°49	26°21	F 19
S 20	19 52 44	28°21'16	6♌54	6°44	7°59	7°16	11°28	5°59	13°45	2° 6	25° 0	26°58	25°42	20°55	26°28	S 20
S 21	19 56 41	29°18'33	21°32	7°54	9° 8	7°55	11°35	6° 5	13°45	2° 6	25° 2	26°48	25°39	21° 2	26°35	S 21
M22	20 0 37	0♌15'50	5♍48	9° 8	10°17	8°35	11°43	6°12	13°45	2° 7	25° 3	26°39	25°36	21° 9	26°42	M22
T 23	20 4 34	1°13'07	19°37	10°26	11°25	9°14	11°51	6°19	13°45	2° 7	25° 5	26°32	25°32	21°15	26°48	T 23
W24	20 8 31	2°10'24	2♎57	11°48	12°34	9°53	11°58	6°26	13°45	2° 7	25° 7	26°26	25°29	21°22	26°55	W24
T 25	20 12 27	3° 7'40	15°52	13°14	13°42	10°32	12° 5	6°32	13°44	2° 8	25° 8	26°22	25°26	21°29	27° 2	T 25
F 26	20 16 24	4° 4'56	28°22	14°43	14°51	11°11	12°12	6°39	13°44	2° 8	25°10	26°21	25°23	21°35	27° 9	F 26
S 27	20 20 20	5° 2'12	10♏35	16°16	15°59	11°50	12°19	6°46	13°44	2° 8	25°12	26°D21	25°20	21°42	27°16	S 27
S 28	20 24 17	5°59'27	22°33	17°53	17° 7	12°29	12°26	6°53	13°43	2° 9	25°13	26°R21	25°16	21°49	27°23	S 28
M29	20 28 13	6°56'43	4♐24	19°34	18°15	13° 8	12°33	7° 0	13°43	2° 9	25°15	26°21	25°13	21°55	27°30	M29
T 30	20 32 10	7°53'58	16°12	21°17	19°23	13°47	12°39	7° 7	13°42	2° 9	25°17	26°19	25°10	22° 2	27°38	T 30
W31	20 36 6	8♌51'14	28♐ 1	23♋ 4	20♍31	14♌26	12♉45	7♍14	13♈42	2♉ 9	25♌18	26♏15	25♏ 7	22♐ 9	27♌45	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n54	19s19	0s13	18n52	4s24	17n49	1n56	22n 4	1n 3	13n11	1s 8	11n12	1n20	4n40	0s44	10n38	1s29	18n37	5n41	19s39	19s18	20s53	7n35	6s 3
T 2	22 49	20 37	0n51	18 48	4 28	17 28	1 56	21 57	1 3	13 14	1 9	11 10	1 20	4 40	0 44	10 39	1 29	18 36	5 41	19 39	19 17	20 53	7 33	6 2
W 3	22 44	21 0	1 52	18 46	4 30	17 6	1 55	21 50	1 3	13 17	1 9	11 8	1 20	4 41	0 44	10 39	1 29	18 36	5 41	19 39	19 16	20 52	7 32	6 2
T 4	22 39	20 28	2 49	18 44	4 32	16 44	1 55	21 42	1 3	13 20	1 9	11 6	1 20	4 41	0 44	10 39	1 29	18 35	5 41	19 38	19 15	20 52	7 30	6 1
F 5	22 33	19 0	3 39	18 44	4 31	16 21	1 54	21 35	1 4	13 23	1 9	11 4	1 19	4 41	0 44	10 40	1 29	18 35	5 41	19 36	19 15	20 52	7 29	6 1
S 6	22 27	16 42	4 19	18 46	4 30	15 58	1 54	21 27	1 4	13 26	1 9	11 1	1 19	4 41	0 44	10 40	1 29	18 34	5 41	19 35	19 14	20 52	7 27	6 0
S 7	22 20	13 39	4 48	18 48	4 28	15 35	1 53	21 19	1 4	13 29	1 9	10 59	1 19	4 41	0 44	10 40	1 29	18 34	5 41	19 33	19 13	20 51	7 26	6 0
M 8	22 13	9 58	5 4	18 52	4 24	15 11	1 52	21 11	1 4	13 32	1 10	10 57	1 19	4 42	0 44	10 40	1 30	18 33	5 41	19 31	19 12	20 51	7 24	5 59
T 9	22 6	5 50	5 6	18 57	4 20	14 47	1 52	21 3	1 4	13 35	1 10	10 55	1 19	4 42	0 44	10 41	1 30	18 33	5 41	19 29	19 12	20 51	7 22	5 59
W10	21 58	1 22	4 53	19 3	4 14	14 22	1 51	20 55	1 4	13 37	1 10	10 53	1 19	4 42	0 45	10 41	1 30	18 32	5 41	19 28	19 11	20 50	7 21	5 59
T 11	21 50	3n15	4 25	19 9	4 8	13 57	1 50	20 47	1 5	13 40	1 10	10 50	1 19	4 42	0 45	10 41	1 30	18 32	5 41	19 27	19 10	20 50	7 19	5 58
F 12	21 42	7 48	3 42	19 17	4 0	13 32	1 48	20 38	1 5	13 43	1 10	10 48	1 19	4 42	0 45	10 41	1 30	18 31	5 40	19 26	19 10	20 50	7 17	5 58
S 13	21 33	12 5	2 46	19 25	3 52	13 7	1 47	20 29	1 5	13 45	1 10	10 46	1 19	4 42	0 45	10 42	1 30	18 30	5 40	19 26	19 9	20 49	7 16	5 57
S 14	21 24	15 50	1 39	19 33	3 43	12 41	1 46	20 20	1 5	13 48	1 11	10 44	1 19	4 42	0 45	10 42	1 30	18 30	5 40	19 26	19 8	20 49	7 14	5 57
M15	21 14	18 44	0 25	19 42	3 34	12 15	1 44	20 11	1 5	13 50	1 11	10 41	1 19	4 42	0 45	10 42	1 30	18 29	5 40	19 26	19 7	20 49	7 12	5 56
T 16	21 5	20 31	0s53	19 51	3 24	11 48	1 43	20 2	1 5	13 53	1 11	10 39	1 19	4 42	0 45	10 42	1 30	18 29	5 40	19 26	19 7	20 48	7 10	5 56
W17	20 54	20 55	2 8	20 1	3 13	11 22	1 41	19 53	1 5	13 55	1 11	10 36	1 19	4 42	0 45	10 42	1 30	18 28	5 40	19 26	19 6	20 48	7 8	5 56
T 18	20 44	19 51	3 16	20 10	3 2	10 55	1 39	19 43	1 6	13 57	1 11	10 34	1 19	4 42	0 45	10 42	1 30	18 28	5 40	19 25	19 5	20 48	7 7	5 55
F 19	20 33	17 23	4 10	20 19	2 51	10 28	1 38	19 34	1 6	14 0	1 12	10 32	1 19	4 42	0 45	10 43	1 30	18 27	5 40	19 23	19 4	20 47	7 5	5 55
S 20	20 21	13 48	4 46	20 28	2 39	10 0	1 36	19 24	1 6	14 2	1 12	10 29	1 19	4 42	0 45	10 43	1 30	18 27	5 40	19 21	19 4	20 47	7 3	5 54
S 21	20 10	9 27	5 3	20 37	2 27	9 33	1 34	19 14	1 6	14 4	1 12	10 27	1 19	4 42	0 45	10 43	1 30	18 26	5 40	19 19	19 3	20 47	7 1	5 54
M22	19 58	4 40	5 0	20 45	2 14	9 5	1 32	19 4	1 6	14 6	1 12	10 24	1 19	4 42	0 45	10 43	1 30	18 26	5 40	19 17	19 2	20 46	6 59	5 54
T 23	19 46	0s13	4 40	20 52	2 1	8 37	1 29	18 54	1 6	14 8	1 12	10 22	1 19	4 42	0 45	10 43	1 30	18 25	5 40	19 15	19 1	20 46	6 57	5 53
W24	19 33	4 55	4 5	20 58	1 48	8 9	1 27	18 43	1 6	14 10	1 13	10 19	1 19	4 42	0 45	10 43	1 30	18 25	5 40	19 14	19 1	20 46	6 55	5 53
T 25	19 20	9 15	3 18	21 3	1 35	7 40	1 25	18 33	1 7	14 12	1 13	10 17	1 19	4 42	0 45	10 43	1 30	18 24	5 40	19 13	19 0	20 45	6 53	5 53
F 26	19 7	13 4	2 23	21 7	1 22	7 12	1 22	18 23	1 7	14 14	1 13	10 14	1 19	4 42	0 45	10 43	1 31	18 24	5 40	19 13	18 59	20 45	6 51	5 52
S 27	18 53	16 13	1 23	21 9	1 9	6 43	1 19	18 12	1 7	14 16	1 13	10 12	1 19	4 41	0 45	10 43	1 31	18 23	5 40	19 13	18 58	20 44	6 49	5 52
S 28	18 39	18 37	0 20	21 10	0 56	6 14	1 17	18 1	1 7	14 18	1 13	10 9	1 19	4 41	0 45	10 43	1 31	18 22	5 41	19 13	18 58	20 44	6 47	5 52
M29	18 25	20 11	0n43	21 9	0 43	5 45	1 14	17 50	1 7	14 20	1 14	10 7	1 19	4 41	0 45	10 43	1 31	18 22	5 41	19 13	18 57	20 44	6 45	5 51
T 30	18 11	20 51	1 44	21 7	0 30	5 16	1 11	17 39	1 7	14 22	1 14	10 4	1 19	4 41	0 45	10 43	1 31	18 21	5 41	19 12	18 56	20 43	6 43	5 51
W31	17n56	20s36	2n40	21n 2	0s18	4n47	1n 8	17n28	1n 7	14n23	1s14	10n 1	1n19	4n40	0s45	10n43	1s31	18n21	5n41	19s11	18s55	20s43	6n41	5s51

Julian Day Number = 2884538.5, Delta T = 01h16m49s
Ecliptic obliquity = 23°17'04, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°20'34, Lahiri = 40°27'34

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ASTRODIENST EPHEMERIS for the year 3185
geocentric

AUGUST 3185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 40 3	9♌48'29	9♉55	24♋55	21♍38	15♌ 5	12♉52	7♍21	13°R41	2♉ 9	25♌20	26°R 9	25♏ 4	22♐15	27♌52	T 1
F 2	20 44 0	10°45'44	21°58	26°48	22°46	15°44	12°58	7°28	13♈40	2° 9	25°22	25♏59	25° 1	22°22	27°59	F 2
S 3	20 47 56	11°43'00	4♒11	28°44	23°53	16°23	13° 3	7°36	13°40	2°10	25°23	25°48	24°57	22°29	28° 6	S 3
S 4	20 51 53	12°40'16	16°35	0♌42	25° 0	17° 2	13° 9	7°43	13°39	2°R10	25°25	25°36	24°54	22°35	28°13	S 4
M 5	20 55 49	13°37'32	29°11	2°43	26° 7	17°41	13°15	7°50	13°38	2°10	25°27	25°23	24°51	22°42	28°21	M 5
T 6	20 59 46	14°34'48	11♓59	4°45	27°14	18°19	13°20	7°57	13°37	2°10	25°29	25°11	24°48	22°49	28°28	T 6
W 7	21 3 42	15°32'05	24°59	6°49	28°21	18°58	13°25	8° 5	13°36	2° 9	25°30	25° 2	24°45	22°55	28°35	W 7
T 8	21 7 39	16°29'22	8♈10	8°55	29°27	19°37	13°30	8°12	13°35	2° 9	25°32	24°55	24°42	23° 2	28°42	T 8
F 9	21 11 35	17°26'41	21°33	11° 1	0♎34	20°16	13°35	8°19	13°34	2° 9	25°34	24°51	24°38	23° 8	28°50	F 9
S 10	21 15 32	18°23'59	5♉ 8	13° 8	1°40	20°55	13°40	8°27	13°33	2° 9	25°35	24°49	24°35	23°15	28°57	S 10
S 11	21 19 29	19°21'19	18°57	15°16	2°46	21°33	13°44	8°34	13°32	2° 9	25°37	24°48	24°32	23°22	29° 4	S 11
M12	21 23 25	20°18'40	3♊ 0	17°24	3°52	22°12	13°48	8°41	13°31	2° 9	25°39	24°48	24°29	23°28	29°12	M12
T 13	21 27 22	21°16'01	17°15	19°31	4°58	22°51	13°52	8°49	13°30	2° 8	25°41	24°47	24°26	23°35	29°19	T 13
W14	21 31 18	22°13'24	1♋43	21°38	6° 3	23°29	13°56	8°56	13°29	2° 8	25°42	24°44	24°22	23°42	29°27	W14
T 15	21 35 15	23°10'47	16°19	23°44	7° 9	24° 8	14° 0	9° 4	13°28	2° 8	25°44	24°38	24°19	23°48	29°34	T 15
F 16	21 39 11	24° 8'11	0♌58	25°50	8°14	24°47	14° 4	9°11	13°26	2° 7	25°46	24°30	24°16	23°55	29°41	F 16
S 17	21 43 8	25° 5'35	15°33	27°54	9°19	25°25	14° 7	9°19	13°25	2° 7	25°48	24°19	24°13	24° 2	29°49	S 17
S 18	21 47 4	26° 3'01	29°56	29°58	10°24	26° 4	14°10	9°26	13°24	2° 7	25°49	24° 8	24°10	24° 8	29°56	S 18
M19	21 51 1	27° 0'27	14♍ 2	2♍ 0	11°28	26°43	14°13	9°34	13°22	2° 6	25°51	23°56	24° 7	24°15	0♍ 4	M19
T 20	21 54 58	27°57'54	27°45	4° 1	12°33	27°21	14°16	9°41	13°21	2° 6	25°53	23°46	24° 3	24°22	0°11	T 20
W21	21 58 54	28°55'21	11♎ 3	6° 0	13°37	28° 0	14°19	9°49	13°19	2° 5	25°55	23°39	24° 0	24°28	0°19	W21
T 22	22 2 51	29°52'49	23°56	7°58	14°41	28°38	14°21	9°57	13°18	2° 5	25°56	23°34	23°57	24°35	0°26	T 22
F 23	22 6 47	0♍50'18	6♏28	9°54	15°45	29°17	14°23	10° 4	13°16	2° 4	25°58	23°31	23°54	24°42	0°33	F 23
S 24	22 10 44	1°47'47	18°41	11°49	16°48	29°55	14°26	10°12	13°15	2° 3	26° 0	23°30	23°51	24°48	0°41	S 24
S 25	22 14 40	2°45'17	0♐41	13°42	17°52	0♍34	14°27	10°20	13°13	2° 3	26° 2	23°30	23°48	24°55	0°48	S 25
M26	22 18 37	3°42'48	12°33	15°34	18°55	1°12	14°29	10°27	13°11	2° 2	26° 3	23°30	23°44	25° 2	0°56	M26
T 27	22 22 33	4°40'19	24°22	17°24	19°57	1°51	14°31	10°35	13°10	2° 1	26° 5	23°28	23°41	25° 8	1° 3	T 27
W28	22 26 30	5°37'51	6♑13	19°12	21° 0	2°29	14°32	10°42	13° 8	2° 1	26° 7	23°25	23°38	25°15	1°11	W28
T 29	22 30 27	6°35'24	18°12	20°59	22° 2	3° 8	14°33	10°50	13° 6	2° 0	26° 9	23°19	23°35	25°22	1°18	T 29
F 30	22 34 23	7°32'58	0♒21	22°45	23° 4	3°46	14°34	10°58	13° 4	1°59	26°10	23°10	23°32	25°28	1°26	F 30
S 31	22 38 20	8♍30'33	12♒44	24♍29	24♎ 6	4♍24	14♉34	11♍ 5	13♈ 3	1♉58	26♌12	23♏ 0	23♏28	25♐35	1♍33	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n41	19s26	3n30	20n55	0s 6	4n17	1n 5	17n17	1n 7	14n25	1s14	9n59	1n19	4n40	0s45	10n43	1s31	18n20	5n41	19s10	18s55	20s42	6n39	5s50
F 2	17 25	17 23	4 10	20 46	0n 6	3 48	1 2	17 5	1 7	14 27	1 14	9 56	1 19	4 40	0 45	10 43	1 31	18 20	5 41	19 8	18 54	20 42	6 37	5 50
S 3	17 10	14 33	4 40	20 34	0 18	3 18	0 58	16 54	1 7	14 28	1 15	9 54	1 19	4 40	0 45	10 43	1 31	18 19	5 41	19 5	18 53	20 42	6 34	5 50
S 4	16 54	11 2	4 57	20 20	0 29	2 49	0 55	16 42	1 7	14 30	1 15	9 51	1 19	4 39	0 45	10 43	1 31	18 19	5 41	19 2	18 52	20 41	6 32	5 50
M 5	16 38	6 59	5 0	20 4	0 39	2 19	0 51	16 31	1 8	14 31	1 15	9 48	1 19	4 39	0 45	10 43	1 31	18 18	5 41	18 59	18 51	20 41	6 30	5 49
T 6	16 21	2 34	4 48	19 44	0 49	1 49	0 48	16 19	1 8	14 32	1 15	9 46	1 19	4 39	0 45	10 43	1 31	18 17	5 41	18 56	18 51	20 40	6 28	5 49
W 7	16 5	2n 1	4 21	19 23	0 58	1 20	0 44	16 7	1 8	14 34	1 16	9 43	1 19	4 38	0 45	10 43	1 31	18 17	5 41	18 54	18 50	20 40	6 26	5 49
T 8	15 48	6 36	3 40	18 58	1 6	0 50	0 40	15 55	1 8	14 35	1 16	9 40	1 19	4 38	0 45	10 43	1 31	18 16	5 41	18 52	18 49	20 39	6 23	5 49
F 9	15 30	10 55	2 46	18 32	1 13	0 20	0 36	15 43	1 8	14 36	1 16	9 37	1 19	4 37	0 45	10 43	1 31	18 16	5 41	18 51	18 48	20 39	6 21	5 48
S 10	15 13	14 45	1 42	18 3	1 20	0s10	0 32	15 30	1 8	14 37	1 16	9 35	1 19	4 37	0 46	10 43	1 31	18 15	5 41	18 51	18 48	20 39	6 19	5 48
S 11	14 55	17 50	0 31	17 32	1 26	0 40	0 28	15 18	1 8	14 39	1 16	9 32	1 19	4 37	0 46	10 43	1 31	18 15	5 41	18 51	18 47	20 38	6 16	5 48
M12	14 37	19 55	0s43	16 58	1 31	1 9	0 24	15 6	1 8	14 40	1 17	9 29	1 19	4 36	0 46	10 42	1 31	18 14	5 41	18 51	18 46	20 38	6 14	5 48
T 13	14 19	20 45	1 56	16 23	1 36	1 39	0 20	14 53	1 8	14 41	1 17	9 26	1 19	4 36	0 46	10 42	1 32	18 14	5 41	18 51	18 45	20 37	6 12	5 48
W14	14 1	20 15	3 2	15 46	1 39	2 9	0 16	14 41	1 8	14 41	1 17	9 24	1 19	4 35	0 46	10 42	1 32	18 13	5 41	18 50	18 45	20 37	6 10	5 47
T 15	13 42	18 23	3 57	15 7	1 42	2 39	0 11	14 28	1 8	14 42	1 17	9 21	1 19	4 35	0 46	10 42	1 32	18 13	5 41	18 48	18 44	20 36	6 7	5 47
F 16	13 23	15 19	4 36	14 27	1 44	3 8	0 7	14 15	1 8	14 43	1 18	9 18	1 19	4 34	0 46	10 42	1 32	18 12	5 41	18 46	18 43	20 36	6 5	5 47
S 17	13 4	11 20	4 57	13 46	1 45	3 38	0 2	14 2	1 8	14 44	1 18	9 15	1 20	4 34	0 46	10 42	1 32	18 11	5 41	18 44	18 42	20 35	6 2	5 47
S 18	12 45	6 45	4 59	13 3	1 45	4 8	0s 3	13 49	1 8	14 45	1 18	9 13	1 20	4 33	0 46	10 41	1 32	18 11	5 41	18 41	18 41	20 35	6 0	5 47
M19	12 26	1 53	4 43	12 20	1 45	4 37	0 7	13 36	1 8	14 45	1 18	9 10	1 20	4 32	0 46	10 41	1 32	18 10	5 42	18 38	18 41	20 34	5 58	5 47
T 20	12 6	2s56	4 10	11 36	1 44	5 7	0 12	13 23	1 8	14 46	1 19	9 7	1 20	4 32	0 46	10 41	1 32	18 10	5 42	18 36	18 40	20 34	5 55	5 46
W21	11 46	7 29	3 25	10 51	1 43	5 36	0 17	13 10	1 8	14 47	1 19	9 4	1 20	4 31	0 46	10 41	1 32	18 9	5 42	18 34	18 39	20 33	5 53	5 46
T 22	11 26	11 33	2 30	10 5	1 41	6 5	0 22	12 57	1 8	14 47	1 19	9 1	1 20	4 31	0 46	10 41	1 32	18 9	5 42	18 33	18 38	20 33	5 50	5 46
F 23	11 6	14 59	1 29	9 19	1 38	6 35	0 27	12 43	1 8	14 47	1 19	8 59	1 20	4 30	0 46	10 40	1 32	18 8	5 42	18 32	18 38	20 32	5 48	5 46
S 24	10 46	17 41	0 26	8 33	1 35	7 4	0 32	12 30	1 9	14 48	1 19	8 56	1 20	4 29	0 46	10 40	1 32	18 8	5 42	18 32	18 37	20 32	5 45	5 46
S 25	10 26	19 32	0n38	7 46	1 31	7 32	0 37	12 16	1 9	14 48	1 20	8 53	1 20	4 29	0 46	10 40	1 32	18 7	5 42	18 32	18 36	20 31	5 43	5 46
M26	10 5	20 31	1 39	6 59	1 27	8 1	0 43	12 3	1 9	14 48	1 20	8 50	1 20	4 28	0 46	10 40	1 32	18 7	5 42	18 32	18 35	20 31	5 40	5 46
T 27	9 44	20 34	2 36	6 12	1 22	8 30	0 48	11 49	1 9	14 49	1 20	8 47	1 20	4 27	0 46	10 39	1 32	18 6	5 42	18 31	18 34	20 30	5 38	5 46
W28	9 23	19 43	3 26	5 25	1 17	8 58	0 54	11 35	1 9	14 49	1 20	8 44	1 20	4 27	0 46	10 39	1 32	18 6	5 42	18 30	18 34	20 30	5 35	5 46
T 29	9 2	17 58	4 7	4 39	1 11	9 27	0 59	11 22	1 9	14 49	1 21	8 42	1 20	4 26	0 46	10 39	1 32	18 5	5 42	18 29	18 33	20 29	5 33	5 45
F 30	8 41	15 24	4 38	3 52	1 5	9 55	1 5	11 8	1 9	14 49	1 21	8 39	1 20	4 25	0 46	10 38	1 32	18 5	5 42	18 27	18 32	20 29	5 30	5 45
S 31	8n20	12s 7	4n57	3n 5	0n59	10s23	1s10	10n54	1n 9	14n49	1s21	8n36	1n20	4n25	0s46	10n38	1s32	18n 4	5n43	18s24	18s31	20s28	5n28	5s45

Julian Day Number = 2884569.5, Delta T = 01h16m50s
Ecliptic obliquity = 23°17'04, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°20'38, Lahiri = 40°27'39

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ASTRODIENST EPHEMERIS for the year 3185
geocentric

SEPTEMBER 3185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 42 16	9♍28'08	25♒22	26♍11	25♎ 7	5♍ 3	14♉35	11♍13	13°R 1	1°R57	26♌14	22°R48	23♏25	25♐42	1♍40	S 1
M 2	22 46 13	10°25'45	8♓16	27°52	26° 8	5°41	14°35	11°21	12♈59	1♉57	26°15	22♏36	23°22	25°48	1°48	M 2
T 3	22 50 9	11°23'22	21°24	29°31	27° 9	6°20	14°R35	11°28	12°57	1°56	26°17	22°24	23°19	25°55	1°55	T 3
W 4	22 54 6	12°21'01	4♈46	1♎ 9	28° 9	6°58	14°35	11°36	12°55	1°55	26°19	22°15	23°16	26° 2	2° 3	W 4
T 5	22 58 2	13°18'41	18°18	2°46	29°10	7°36	14°35	11°44	12°53	1°54	26°21	22° 9	23°13	26° 8	2°10	T 5
F 6	23 1 59	14°16'23	2♉ 1	4°21	0♏ 9	8°15	14°34	11°51	12°51	1°53	26°22	22° 5	23° 9	26°15	2°18	F 6
S 7	23 5 56	15°14'06	15°51	5°54	1° 9	8°53	14°34	11°59	12°49	1°52	26°24	22°D 3	23° 6	26°22	2°25	S 7
S 8	23 9 52	16°11'51	29°48	7°26	2° 8	9°31	14°33	12° 7	12°47	1°51	26°26	22° 3	23° 3	26°28	2°32	S 8
M 9	23 13 49	17° 9'37	13♊51	8°57	3° 6	10° 9	14°32	12°15	12°45	1°50	26°27	22°R 4	23° 0	26°35	2°40	M 9
T 10	23 17 45	18° 7'25	28° 0	10°26	4° 5	10°48	14°30	12°22	12°43	1°49	26°29	22° 3	22°57	26°42	2°47	T 10
W11	23 21 42	19° 5'15	12♋13	11°53	5° 3	11°26	14°29	12°30	12°41	1°48	26°31	22° 1	22°53	26°48	2°54	W11
T 12	23 25 38	20° 3'06	26°28	13°20	6° 0	12° 4	14°27	12°37	12°39	1°46	26°32	21°57	22°50	26°55	3° 2	T 12
F 13	23 29 35	21° 0'59	10♌42	14°44	6°57	12°43	14°25	12°45	12°36	1°45	26°34	21°50	22°47	27° 2	3° 9	F 13
S 14	23 33 31	21°58'54	24°51	16° 7	7°54	13°21	14°23	12°53	12°34	1°44	26°35	21°42	22°44	27° 8	3°16	S 14
S 15	23 37 28	22°56'50	8♍49	17°29	8°50	13°59	14°21	13° 0	12°32	1°43	26°37	21°32	22°41	27°15	3°23	S 15
M16	23 41 24	23°54'47	22°34	18°49	9°46	14°37	14°18	13° 8	12°30	1°42	26°39	21°23	22°38	27°22	3°31	M16
T 17	23 45 21	24°52'46	6♎ 1	20° 7	10°41	15°15	14°16	13°16	12°28	1°41	26°40	21°14	22°34	27°28	3°38	T 17
W18	23 49 18	25°50'46	19° 8	21°24	11°36	15°54	14°13	13°23	12°25	1°39	26°42	21° 8	22°31	27°35	3°45	W18
T 19	23 53 14	26°48'48	1♏55	22°39	12°30	16°32	14°10	13°31	12°23	1°38	26°43	21° 4	22°28	27°42	3°52	T 19
F 20	23 57 11	27°46'52	14°23	23°52	13°24	17°10	14° 7	13°38	12°21	1°37	26°45	21° 2	22°25	27°48	3°59	F 20
S 21	0 1 7	28°44'56	26°35	25° 3	14°17	17°48	14° 3	13°46	12°18	1°35	26°46	21°D 2	22°22	27°55	4° 6	S 21
S 22	0 5 4	29°43'02	8♐34	26°12	15°10	18°26	13°59	13°53	12°16	1°34	26°48	21° 3	22°19	28° 2	4°13	S 22
M23	0 9 0	0♎41'10	20°26	27°19	16° 2	19° 5	13°56	14° 1	12°14	1°33	26°50	21° 4	22°15	28° 8	4°20	M23
T 24	0 12 57	1°39'19	2♑16	28°24	16°53	19°43	13°52	14° 8	12°11	1°31	26°51	21°R 4	22°12	28°15	4°27	T 24
W25	0 16 53	2°37'29	14° 9	29°27	17°44	20°21	13°47	14°16	12° 9	1°30	26°52	21° 4	22° 9	28°22	4°34	W25
T 26	0 20 50	3°35'40	26° 9	0♏27	18°34	20°59	13°43	14°23	12° 7	1°28	26°54	21° 1	22° 6	28°28	4°41	T 26
F 27	0 24 47	4°33'53	8♒22	1°25	19°23	21°37	13°39	14°30	12° 4	1°27	26°55	20°56	22° 3	28°35	4°48	F 27
S 28	0 28 43	5°32'08	20°51	2°20	20°12	22°15	13°34	14°38	12° 2	1°26	26°57	20°50	21°59	28°42	4°55	S 28
S 29	0 32 40	6°30'24	3♓38	3°12	20°59	22°53	13°29	14°45	12° 0	1°24	26°58	20°43	21°56	28°48	5° 2	S 29
M30	0 36 36	7♎28'41	16♓46	4♏ 1	21♏46	23♍31	13♉24	14♍52	11♈57	1♉23	27♌ 0	20♏35	21♏53	28♐55	5♍ 9	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n58	8s15	5n 1	2n19	0n53	10s50	1s16	10n40	1n 9	14n49	1s21	8n33	1n20	4n24	0s46	10n38	1s32	18n 4	5n43	18s21	18s30	20s28	5n25	5s45
M 2	7 37	3 55	4 51	1 33	0 46	11 18	1 22	10 26	1 9	14 49	1 22	8 30	1 20	4 23	0 46	10 37	1 33	18 3	5 43	18 18	18 30	20 27	5 23	5 45
T 3	7 15	0n40	4 24	0 47	0 39	11 45	1 28	10 12	1 9	14 48	1 22	8 27	1 20	4 22	0 46	10 37	1 33	18 3	5 43	18 15	18 29	20 27	5 20	5 45
W 4	6 53	5 18	3 43	0 1	0 31	12 12	1 33	9 58	1 9	14 48	1 22	8 24	1 20	4 22	0 46	10 37	1 33	18 2	5 43	18 13	18 28	20 26	5 18	5 45
T 5	6 31	9 44	2 49	0s44	0 24	12 39	1 39	9 43	1 9	14 48	1 22	8 22	1 21	4 21	0 46	10 36	1 33	18 2	5 43	18 11	18 27	20 26	5 15	5 45
F 6	6 9	13 44	1 45	1 28	0 16	13 6	1 45	9 29	1 9	14 48	1 22	8 19	1 21	4 20	0 46	10 36	1 33	18 1	5 43	18 10	18 27	20 25	5 13	5 45
S 7	5 47	17 0	0 33	2 12	0 8	13 32	1 51	9 15	1 9	14 47	1 23	8 16	1 21	4 19	0 46	10 36	1 33	18 1	5 43	18 10	18 26	20 25	5 10	5 45
S 8	5 25	19 18	0s41	2 56	0s 0	13 58	1 57	9 1	1 8	14 47	1 23	8 13	1 21	4 18	0 46	10 35	1 33	18 0	5 43	18 10	18 25	20 24	5 7	5 45
M 9	5 2	20 26	1 54	3 39	0 8	14 24	2 4	8 46	1 8	14 46	1 23	8 10	1 21	4 18	0 46	10 35	1 33	18 0	5 44	18 10	18 24	20 23	5 5	5 45
T 10	4 40	20 17	2 59	4 22	0 17	14 50	2 10	8 32	1 8	14 46	1 23	8 7	1 21	4 17	0 46	10 34	1 33	17 59	5 44	18 10	18 23	20 23	5 2	5 45
W11	4 17	18 50	3 54	5 4	0 25	15 15	2 16	8 17	1 8	14 45	1 24	8 5	1 21	4 16	0 46	10 34	1 33	17 59	5 44	18 9	18 23	20 22	5 0	5 45
T 12	3 55	16 13	4 35	5 45	0 34	15 40	2 22	8 3	1 8	14 44	1 24	8 2	1 21	4 15	0 46	10 34	1 33	17 59	5 44	18 8	18 22	20 22	4 57	5 45
F 13	3 32	12 38	4 59	6 26	0 43	16 5	2 29	7 48	1 8	14 43	1 24	7 59	1 21	4 14	0 46	10 33	1 33	17 58	5 44	18 6	18 21	20 21	4 55	5 45
S 14	3 10	8 22	5 4	7 6	0 51	16 30	2 35	7 33	1 8	14 43	1 24	7 56	1 21	4 13	0 46	10 33	1 33	17 58	5 44	18 4	18 20	20 20	4 52	5 45
S 15	2 47	3 42	4 51	7 45	1 0	16 54	2 41	7 19	1 8	14 42	1 24	7 53	1 21	4 13	0 46	10 32	1 33	17 57	5 44	18 2	18 19	20 20	4 49	5 45
M16	2 24	1s 4	4 21	8 23	1 9	17 18	2 48	7 4	1 8	14 41	1 25	7 50	1 21	4 12	0 46	10 32	1 33	17 57	5 44	17 59	18 19	20 19	4 47	5 45
T 17	2 1	5 42	3 37	9 1	1 18	17 41	2 54	6 49	1 8	14 40	1 25	7 48	1 22	4 11	0 46	10 31	1 33	17 56	5 45	17 57	18 18	20 19	4 44	5 45
W18	1 38	9 57	2 43	9 38	1 27	18 5	3 0	6 35	1 8	14 39	1 25	7 45	1 22	4 10	0 46	10 31	1 33	17 56	5 45	17 55	18 17	20 18	4 42	5 46
T 19	1 16	13 38	1 41	10 14	1 36	18 27	3 7	6 20	1 8	14 38	1 25	7 42	1 22	4 9	0 46	10 30	1 33	17 56	5 45	17 54	18 16	20 17	4 39	5 46
F 20	0 53	16 37	0 36	10 50	1 45	18 50	3 13	6 5	1 8	14 37	1 25	7 39	1 22	4 8	0 46	10 30	1 33	17 55	5 45	17 54	18 15	20 17	4 36	5 46
S 21	0 30	18 47	0n30	11 24	1 54	19 12	3 20	5 50	1 8	14 35	1 26	7 36	1 22	4 7	0 46	10 29	1 33	17 55	5 45	17 54	18 15	20 16	4 34	5 46
S 22	0 7	20 3	1 33	11 57	2 2	19 34	3 26	5 35	1 8	14 34	1 26	7 34	1 22	4 6	0 46	10 29	1 33	17 54	5 45	17 54	18 14	20 16	4 31	5 46
M23	0s16	20 25	2 32	12 30	2 11	19 55	3 33	5 20	1 8	14 33	1 26	7 31	1 22	4 6	0 46	10 28	1 33	17 54	5 45	17 54	18 13	20 15	4 28	5 46
T 24	0 39	19 52	3 24	13 1	2 19	20 16	3 39	5 5	1 8	14 32	1 26	7 28	1 22	4 5	0 46	10 28	1 33	17 54	5 46	17 55	18 12	20 14	4 26	5 46
W25	1 2	18 26	4 7	13 31	2 28	20 37	3 46	4 50	1 8	14 30	1 26	7 25	1 22	4 4	0 46	10 27	1 33	17 53	5 46	17 54	18 11	20 14	4 23	5 46
T 26	1 25	16 11	4 40	14 0	2 36	20 57	3 52	4 35	1 8	14 29	1 26	7 23	1 22	4 3	0 46	10 27	1 33	17 53	5 46	17 54	18 10	20 13	4 21	5 46
F 27	1 48	13 12	5 1	14 28	2 44	21 17	3 59	4 20	1 8	14 27	1 27	7 20	1 23	4 2	0 46	10 26	1 33	17 53	5 46	17 52	18 10	20 12	4 18	5 47
S 28	2 11	9 34	5 9	14 54	2 52	21 37	4 5	4 5	1 7	14 26	1 27	7 17	1 23	4 1	0 46	10 26	1 34	17 52	5 46	17 51	18 9	20 12	4 15	5 47
S 29	2 34	5 25	5 1	15 19	3 0	21 56	4 12	3 50	1 7	14 24	1 27	7 14	1 23	4 0	0 46	10 25	1 34	17 52	5 46	17 49	18 8	20 11	4 13	5 47
M30	2s57	0s56	4n37	15s43	3s 7	22s15	4s18	3n35	1n 7	14n22	1s27	7n12	1n23	3n59	0s46	10n25	1s34	17n52	5n47	17s47	18s 7	20s11	4n10	5s47

Julian Day Number = 2884600.5, Delta T = 01h16m51s
Ecliptic obliquity = 23°17'04, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°20'43, Lahiri = 40°27'43

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ASTRODIENST EPHEMERIS for the year 3185
geocentric

OCTOBER 3185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 40 33	8♎27'00	0♈12	4♏46	22♏33	24♍ 9	13°R19	15♍ 0	11°R55	1°R21	27♌ 1	20°R28	21♏50	29♐ 2	5♍15	T 1
W 2	0 44 29	9°25'21	13°56	5°28	23°18	24°47	13♉13	15° 7	11♈52	1♉20	27° 2	20♏23	21°47	29° 9	5°22	W 2
T 3	0 48 26	10°23'43	27°53	6° 6	24° 2	25°25	13° 8	15°14	11°50	1°18	27° 4	20°19	21°44	29°15	5°29	T 3
F 4	0 52 22	11°22'08	12♉ 1	6°40	24°46	26° 4	13° 2	15°21	11°48	1°17	27° 5	20°17	21°40	29°22	5°36	F 4
S 5	0 56 19	12°20'34	26°16	7°10	25°28	26°42	12°56	15°28	11°45	1°15	27° 6	20°D17	21°37	29°29	5°42	S 5
S 6	1 0 16	13°19'03	10♊32	7°34	26°10	27°20	12°50	15°36	11°43	1°13	27° 8	20°18	21°34	29°35	5°49	S 6
M 7	1 4 12	14°17'34	24°48	7°54	26°50	27°58	12°44	15°43	11°40	1°12	27° 9	20°19	21°31	29°42	5°55	M 7
T 8	1 8 9	15°16'07	9♋ 2	8° 8	27°30	28°36	12°38	15°50	11°38	1°10	27°10	20°R20	21°28	29°49	6° 2	T 8
W 9	1 12 5	16°14'42	23°10	8°16	28° 8	29°14	12°32	15°57	11°36	1° 9	27°12	20°20	21°25	29°55	6° 8	W 9
T 10	1 16 2	17°13'19	7♌11	8°R18	28°45	29°52	12°25	16° 4	11°33	1° 7	27°13	20°19	21°21	0♑ 2	6°14	T 10
F 11	1 19 58	18°11'58	21° 5	8°13	29°21	0♎30	12°18	16°11	11°31	1° 5	27°14	20°16	21°18	0° 9	6°21	F 11
S 12	1 23 55	19°10'39	4♍49	8° 1	29°56	1° 8	12°12	16°18	11°28	1° 4	27°15	20°12	21°15	0°15	6°27	S 12
S 13	1 27 51	20° 9'23	18°21	7°42	0♐30	1°46	12° 5	16°24	11°26	1° 2	27°16	20° 7	21°12	0°22	6°33	S 13
M14	1 31 48	21° 8'08	1♎40	7°16	1° 2	2°24	11°58	16°31	11°24	1° 1	27°18	20° 2	21° 9	0°29	6°39	M14
T 15	1 35 44	22° 6'56	14°44	6°43	1°32	3° 2	11°51	16°38	11°21	0°59	27°19	19°58	21° 5	0°35	6°46	T 15
W16	1 39 41	23° 5'45	27°33	6° 2	2° 2	3°40	11°43	16°45	11°19	0°57	27°20	19°55	21° 2	0°42	6°52	W16
T 17	1 43 38	24° 4'37	10♏ 7	5°14	2°29	4°18	11°36	16°51	11°17	0°56	27°21	19°54	20°59	0°49	6°58	T 17
F 18	1 47 34	25° 3'30	22°26	4°20	2°55	4°56	11°29	16°58	11°14	0°54	27°22	19°D53	20°56	0°55	7° 4	F 18
S 19	1 51 31	26° 2'25	4♐34	3°21	3°20	5°34	11°21	17° 5	11°12	0°52	27°23	19°54	20°53	1° 2	7°10	S 19
S 20	1 55 27	27° 1'22	16°31	2°17	3°43	6°12	11°13	17°11	11°10	0°51	27°24	19°55	20°50	1° 9	7°15	S 20
M21	1 59 24	28° 0'21	28°22	1° 9	4° 4	6°50	11° 6	17°17	11° 8	0°49	27°25	19°57	20°46	1°15	7°21	M21
T 22	2 3 20	28°59'21	10♑12	0° 0	4°23	7°28	10°58	17°24	11° 5	0°47	27°26	19°59	20°43	1°22	7°27	T 22
W23	2 7 17	29°58'23	22° 4	28♎52	4°40	8° 6	10°50	17°30	11° 3	0°46	27°27	20° 0	20°40	1°29	7°33	W23
T 24	2 11 13	0♏57'27	4♒ 3	27°45	4°55	8°44	10°42	17°37	11° 1	0°44	27°28	20°R 0	20°37	1°35	7°38	T 24
F 25	2 15 10	1°56'32	16°15	26°42	5° 9	9°22	10°34	17°43	10°59	0°42	27°29	19°59	20°34	1°42	7°44	F 25
S 26	2 19 7	2°55'40	28°44	25°45	5°20	10° 0	10°27	17°49	10°56	0°41	27°30	19°58	20°30	1°49	7°49	S 26
S 27	2 23 3	3°54'49	11♓32	24°54	5°29	10°37	10°19	17°55	10°54	0°39	27°31	19°56	20°27	1°55	7°55	S 27
M28	2 27 0	4°53'59	24°44	24°13	5°36	11°15	10°11	18° 1	10°52	0°37	27°31	19°54	20°24	2° 2	8° 0	M28
T 29	2 30 56	5°53'11	8♈20	23°41	5°40	11°53	10° 2	18° 7	10°50	0°36	27°32	19°52	20°21	2° 9	8° 5	T 29
W30	2 34 53	6°52'26	22°18	23°20	5°R43	12°31	9°54	18°13	10°48	0°34	27°33	19°50	20°18	2°15	8°10	W30
T 31	2 38 49	7♏51'42	6♉37	23°D 9	5♐43	13♎ 9	9♉46	18♍19	10♈46	0♉32	27♌34	19♏49	20♏15	2♑22	8♍15	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s20	3n44	3n58	16s 5	3s14	22s33	4s24	3n20	1n 7	14n21	1s27	7n 9	1n23	3n58	0s46	10n24	1s34	17n51	5n47	17s45	18s 6	20s10	4n 8	5s47
W 2	3 43	8 18	3 4	16 25	3 21	22 51	4 31	3 5	1 7	14 19	1 27	7 6	1 23	3 57	0 46	10 24	1 34	17 51	5 47	17 44	18 6	20 9	4 5	5 47
T 3	4 5	12 30	1 59	16 43	3 27	23 8	4 37	2 50	1 7	14 17	1 28	7 4	1 23	3 56	0 46	10 23	1 34	17 51	5 47	17 43	18 5	20 9	4 3	5 48
F 4	4 28	16 3	0 45	17 0	3 33	23 25	4 43	2 35	1 7	14 15	1 28	7 1	1 23	3 55	0 46	10 23	1 34	17 50	5 47	17 42	18 4	20 8	4 0	5 48
S 5	4 51	18 40	0s33	17 15	3 38	23 41	4 49	2 20	1 7	14 14	1 28	6 58	1 24	3 54	0 46	10 22	1 34	17 50	5 47	17 42	18 3	20 7	3 57	5 48
S 6	5 13	20 6	1 48	17 27	3 42	23 57	4 56	2 5	1 7	14 12	1 28	6 56	1 24	3 54	0 46	10 22	1 34	17 50	5 48	17 42	18 2	20 7	3 55	5 48
M 7	5 36	20 14	2 57	17 37	3 46	24 13	5 2	1 50	1 7	14 10	1 28	6 53	1 24	3 53	0 46	10 21	1 34	17 49	5 48	17 43	18 1	20 6	3 52	5 48
T 8	5 59	19 4	3 55	17 44	3 49	24 28	5 8	1 34	1 7	14 8	1 28	6 51	1 24	3 52	0 46	10 20	1 34	17 49	5 48	17 43	18 1	20 5	3 50	5 49
W 9	6 21	16 44	4 38	17 49	3 51	24 43	5 14	1 19	1 6	14 6	1 28	6 48	1 24	3 51	0 46	10 20	1 34	17 49	5 48	17 43	18 0	20 5	3 47	5 49
T 10	6 43	13 27	5 4	17 51	3 52	24 57	5 19	1 4	1 6	14 4	1 28	6 46	1 24	3 50	0 46	10 19	1 34	17 49	5 48	17 43	17 59	20 4	3 45	5 49
F 11	7 6	9 26	5 12	17 49	3 52	25 10	5 25	0 49	1 6	14 1	1 29	6 43	1 24	3 49	0 46	10 19	1 34	17 48	5 49	17 42	17 58	20 3	3 42	5 49
S 12	7 28	4 59	5 2	17 44	3 51	25 23	5 31	0 34	1 6	13 59	1 29	6 40	1 24	3 48	0 46	10 18	1 34	17 48	5 49	17 41	17 57	20 2	3 40	5 50
S 13	7 50	0 21	4 36	17 35	3 48	25 36	5 36	0 19	1 6	13 57	1 29	6 38	1 25	3 47	0 46	10 18	1 34	17 48	5 49	17 40	17 57	20 2	3 37	5 50
M14	8 12	4s14	3 54	17 23	3 44	25 48	5 41	0 4	1 6	13 55	1 29	6 35	1 25	3 46	0 46	10 17	1 34	17 48	5 49	17 38	17 56	20 1	3 35	5 50
T 15	8 34	8 33	3 1	17 6	3 38	25 59	5 47	0s11	1 6	13 53	1 29	6 33	1 25	3 45	0 46	10 16	1 34	17 48	5 49	17 37	17 55	20 0	3 32	5 50
W16	8 55	12 24	2 0	16 46	3 31	26 10	5 52	0 27	1 6	13 50	1 29	6 30	1 25	3 44	0 46	10 16	1 34	17 47	5 50	17 36	17 54	20 0	3 30	5 51
T 17	9 17	15 36	0 54	16 21	3 22	26 21	5 57	0 42	1 6	13 48	1 29	6 28	1 25	3 43	0 46	10 15	1 34	17 47	5 50	17 36	17 53	19 59	3 27	5 51
F 18	9 38	18 2	0n14	15 52	3 10	26 31	6 1	0 57	1 5	13 46	1 29	6 26	1 25	3 43	0 46	10 15	1 34	17 47	5 50	17 36	17 52	19 58	3 25	5 51
S 19	10 0	19 36	1 20	15 20	2 58	26 40	6 6	1 12	1 5	13 44	1 29	6 23	1 26	3 42	0 46	10 14	1 34	17 47	5 50	17 36	17 52	19 57	3 23	5 51
S 20	10 21	20 15	2 22	14 44	2 43	26 48	6 10	1 27	1 5	13 41	1 29	6 21	1 26	3 41	0 46	10 13	1 34	17 47	5 50	17 36	17 51	19 57	3 20	5 52
M21	10 42	20 0	3 17	14 5	2 26	26 56	6 14	1 42	1 5	13 39	1 29	6 18	1 26	3 40	0 46	10 13	1 34	17 47	5 51	17 37	17 50	19 56	3 18	5 52
T 22	11 3	18 51	4 3	13 24	2 9	27 4	6 18	1 57	1 5	13 36	1 29	6 16	1 26	3 39	0 46	10 12	1 34	17 46	5 51	17 37	17 49	19 55	3 15	5 52
W23	11 23	16 54	4 39	12 42	1 49	27 11	6 21	2 12	1 5	13 34	1 29	6 14	1 26	3 38	0 46	10 12	1 34	17 46	5 51	17 38	17 48	19 54	3 13	5 53
T 24	11 44	14 11	5 4	12 0	1 30	27 17	6 24	2 27	1 5	13 32	1 29	6 12	1 26	3 37	0 46	10 11	1 34	17 46	5 51	17 38	17 47	19 54	3 11	5 53
F 25	12 4	10 50	5 15	11 18	1 9	27 22	6 27	2 42	1 4	13 29	1 29	6 9	1 27	3 37	0 46	10 11	1 34	17 46	5 51	17 37	17 47	19 53	3 8	5 53
S 26	12 24	6 57	5 12	10 38	0 48	27 26	6 30	2 57	1 4	13 27	1 29	6 7	1 27	3 36	0 46	10 10	1 34	17 46	5 52	17 37	17 46	19 52	3 6	5 54
S 27	12 44	2 39	4 54	10 1	0 28	27 30	6 32	3 12	1 4	13 24	1 29	6 5	1 27	3 35	0 46	10 9	1 34	17 46	5 52	17 36	17 45	19 52	3 4	5 54
M28	13 4	1n54	4 20	9 28	0 8	27 33	6 34	3 27	1 4	13 22	1 29	6 3	1 27	3 34	0 46	10 9	1 34	17 46	5 52	17 36	17 44	19 51	3 2	5 54
T 29	13 24	6 30	3 30	8 58	0n11	27 35	6 35	3 41	1 4	13 19	1 29	6 0	1 27	3 33	0 46	10 8	1 34	17 46	5 52	17 35	17 43	19 50	2 59	5 55
W30	13 43	10 54	2 27	8 34	0 28	27 37	6 36	3 56	1 4	13 17	1 29	5 58	1 27	3 32	0 46	10 8	1 34	17 46	5 53	17 35	17 42	19 49	2 57	5 55
T 31	14s 2	14n47	1n13	8s15	0n45	27s37	6s36	4s11	1n 3	13n14	1s29	5n56	1n28	3n32	0s46	10n 7	1s34	17n45	5n53	17s35	17s41	19s48	2n55	5s55

Julian Day Number = 2884630.5, Delta T = 01h16m51s
Ecliptic obliquity = 23°17'04, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°20'47, Lahiri = 40°27'47

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ASTRODIENST EPHEMERIS for the year 3185
geocentric

NOVEMBER 3185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 42 46	8♏51'00	21♉10	23♎10	5°R40	13♎47	9°R38	18♍25	10°R44	0°R31	27♌35	19°D49	20♏11	2♉29	8♍20	F 1
S 2	2 46 42	9°50'20	5♊51	23°21	5♐35	14°25	9♉30	18°31	10♈42	0♉29	27°35	19♏49	20° 8	2°35	8°25	S 2
S 3	2 50 39	10°49'43	20°35	23°43	5°28	15° 3	9°22	18°36	10°40	0°27	27°36	19°50	20° 5	2°42	8°30	S 3
M 4	2 54 36	11°49'07	5♋14	24°14	5°18	15°41	9°14	18°42	10°38	0°26	27°37	19°51	20° 2	2°49	8°35	M 4
T 5	2 58 32	12°48'34	19°43	24°55	5° 6	16°19	9° 6	18°48	10°36	0°24	27°37	19°51	19°59	2°56	8°40	T 5
W 6	3 2 29	13°48'03	3♌59	25°44	4°52	16°57	8°58	18°53	10°34	0°23	27°38	19°52	19°56	3° 2	8°45	W 6
T 7	3 6 25	14°47'35	17°59	26°41	4°35	17°35	8°50	18°58	10°32	0°21	27°38	19°R52	19°52	3° 9	8°49	T 7
F 8	3 10 22	15°47'08	1♍42	27°44	4°16	18°12	8°42	19° 4	10°30	0°19	27°39	19°52	19°49	3°16	8°54	F 8
S 9	3 14 18	16°46'44	15° 8	28°54	3°55	18°50	8°34	19° 9	10°29	0°18	27°40	19°51	19°46	3°22	8°58	S 9
S 10	3 18 15	17°46'22	28°19	0♏ 8	3°31	19°28	8°26	19°14	10°27	0°16	27°40	19°51	19°43	3°29	9° 2	S 10
M11	3 22 11	18°46'02	11♎15	1°28	3° 6	20° 6	8°18	19°19	10°25	0°15	27°41	19°51	19°40	3°36	9° 7	M11
T 12	3 26 8	19°45'44	23°56	2°50	2°38	20°44	8°10	19°24	10°23	0°13	27°41	19°D51	19°36	3°42	9°11	T 12
W13	3 30 5	20°45'28	6♏26	4°17	2° 9	21°22	8° 3	19°29	10°22	0°11	27°41	19°51	19°33	3°49	9°15	W13
T 14	3 34 1	21°45'15	18°44	5°46	1°38	22° 0	7°55	19°34	10°20	0°10	27°42	19°R51	19°30	3°56	9°19	T 14
F 15	3 37 58	22°45'03	0♐52	7°17	1° 6	22°38	7°47	19°39	10°18	0° 8	27°42	19°51	19°27	4° 2	9°23	F 15
S 16	3 41 54	23°44'53	12°52	8°50	0°32	23°16	7°40	19°44	10°17	0° 7	27°43	19°51	19°24	4° 9	9°27	S 16
S 17	3 45 51	24°44'45	24°46	10°24	29♏57	23°53	7°32	19°49	10°15	0° 5	27°43	19°50	19°21	4°16	9°31	S 17
M18	3 49 47	25°44'38	6♑36	12° 0	29°22	24°31	7°25	19°53	10°14	0° 4	27°43	19°49	19°17	4°22	9°34	M18
T 19	3 53 44	26°44'34	18°25	13°36	28°46	25° 9	7°18	19°58	10°13	0° 2	27°44	19°48	19°14	4°29	9°38	T 19
W20	3 57 40	27°44'31	0♒17	15°13	28° 9	25°47	7°11	20° 2	10°11	0° 1	27°44	19°47	19°11	4°36	9°41	W20
T 21	4 1 37	28°44'29	12°15	16°51	27°33	26°25	7° 4	20° 6	10°10	29♈59	27°44	19°47	19° 8	4°42	9°45	T 21
F 22	4 5 34	29°44'29	24°23	18°29	26°56	27° 3	6°57	20°11	10° 8	29°58	27°44	19°D46	19° 5	4°49	9°48	F 22
S 23	4 9 30	0♐44'31	6♓47	20° 7	26°20	27°41	6°50	20°15	10° 7	29°57	27°44	19°46	19° 2	4°56	9°51	S 23
S 24	4 13 27	1°44'34	19°31	21°45	25°44	28°18	6°43	20°19	10° 6	29°55	27°44	19°47	18°58	5° 2	9°54	S 24
M25	4 17 23	2°44'39	2♈38	23°23	25°10	28°56	6°37	20°23	10° 5	29°54	27°45	19°48	18°55	5° 9	9°57	M25
T 26	4 21 20	3°44'45	16°11	25° 1	24°36	29°34	6°31	20°27	10° 4	29°53	27°45	19°49	18°52	5°16	10° 0	T 26
W27	4 25 16	4°44'52	0♉11	26°39	24° 4	0♏12	6°24	20°30	10° 3	29°51	27°45	19°50	18°49	5°23	10° 3	W27
T 28	4 29 13	5°45'02	14°36	28°17	23°33	0°50	6°18	20°34	10° 1	29°50	27°R45	19°R51	18°46	5°29	10° 6	T 28
F 29	4 33 9	6°45'13	29°23	29°55	23° 4	1°28	6°12	20°38	10° 0	29°49	27°45	19°50	18°42	5°36	10° 8	F 29
S 30	4 37 6	7♐45'25	14♊25	1♐32	22♏37	2♏ 5	6♉ 7	20♍41	10♈ 0	29♈48	27♌45	19♏49	18♏39	5♉43	10♍11	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s21	17n49	0s 7	8s 1	1n 0	27s37	6s36	4s26	1n 3	13n12	1s29	5n54	1n28	3n31	0s46	10n 7	1s34	17n45	5n53	17s35	17s41	19s48	2n53	5s56
S 2	14 40	19 42	1 28	7 53	1 13	27 35	6 36	4 41	1 3	13 9	1 29	5 52	1 28	3 30	0 46	10 6	1 34	17 45	5 53	17 35	17 40	19 47	2 51	5 56
S 3	14 59	20 15	2 43	7 50	1 25	27 33	6 35	4 55	1 3	13 7	1 29	5 50	1 28	3 29	0 46	10 5	1 34	17 45	5 53	17 35	17 39	19 46	2 48	5 57
M 4	15 17	19 25	3 46	7 52	1 35	27 29	6 33	5 10	1 3	13 4	1 29	5 48	1 28	3 29	0 46	10 5	1 34	17 45	5 54	17 35	17 38	19 45	2 46	5 57
T 5	15 35	17 19	4 35	7 58	1 44	27 25	6 31	5 25	1 3	13 2	1 29	5 46	1 28	3 28	0 46	10 4	1 34	17 45	5 54	17 35	17 37	19 45	2 44	5 57
W 6	15 53	14 11	5 5	8 10	1 51	27 19	6 28	5 39	1 2	12 59	1 29	5 44	1 29	3 27	0 46	10 4	1 34	17 45	5 54	17 35	17 36	19 44	2 42	5 58
T 7	16 10	10 18	5 17	8 25	1 56	27 12	6 24	5 54	1 2	12 57	1 29	5 42	1 29	3 27	0 46	10 3	1 34	17 45	5 54	17 35	17 36	19 43	2 40	5 58
F 8	16 28	5 57	5 11	8 43	2 1	27 5	6 20	6 8	1 2	12 54	1 29	5 40	1 29	3 26	0 46	10 3	1 34	17 45	5 55	17 35	17 35	19 42	2 38	5 59
S 9	16 45	1 24	4 47	9 5	2 4	26 56	6 15	6 23	1 2	12 52	1 29	5 38	1 29	3 25	0 46	10 2	1 34	17 45	5 55	17 35	17 34	19 41	2 36	5 59
S 10	17 1	3s 9	4 9	9 29	2 5	26 45	6 9	6 37	1 2	12 50	1 28	5 36	1 29	3 25	0 46	10 2	1 34	17 45	5 55	17 35	17 33	19 41	2 34	5 59
M11	17 18	7 28	3 18	9 56	2 6	26 34	6 3	6 52	1 1	12 47	1 28	5 35	1 30	3 24	0 46	10 1	1 34	17 45	5 55	17 35	17 32	19 40	2 32	6 0
T 12	17 34	11 23	2 19	10 24	2 6	26 21	5 55	7 6	1 1	12 45	1 28	5 33	1 30	3 23	0 46	10 1	1 34	17 45	5 55	17 35	17 31	19 39	2 30	6 0
W13	17 50	14 44	1 14	10 54	2 5	26 8	5 47	7 20	1 1	12 43	1 28	5 31	1 30	3 23	0 46	10 0	1 34	17 46	5 56	17 35	17 30	19 38	2 28	6 1
T 14	18 5	17 23	0 6	11 26	2 3	25 53	5 39	7 34	1 1	12 40	1 28	5 29	1 30	3 22	0 46	10 0	1 34	17 46	5 56	17 35	17 30	19 37	2 26	6 1
F 15	18 20	19 12	1n 1	11 58	2 0	25 37	5 29	7 49	1 1	12 38	1 28	5 28	1 30	3 21	0 46	9 59	1 34	17 46	5 56	17 35	17 29	19 36	2 24	6 2
S 16	18 35	20 8	2 4	12 30	1 57	25 20	5 19	8 3	1 0	12 36	1 28	5 26	1 31	3 21	0 46	9 58	1 34	17 46	5 56	17 35	17 28	19 36	2 23	6 2
S 17	18 50	20 9	3 2	13 4	1 53	25 2	5 8	8 17	1 0	12 33	1 27	5 24	1 31	3 20	0 45	9 58	1 34	17 46	5 57	17 35	17 27	19 35	2 21	6 2
M18	19 4	19 16	3 51	13 37	1 48	24 43	4 57	8 31	1 0	12 31	1 27	5 23	1 31	3 20	0 45	9 57	1 34	17 46	5 57	17 35	17 26	19 34	2 19	6 3
T 19	19 18	17 33	4 31	14 10	1 44	24 23	4 45	8 45	1 0	12 29	1 27	5 21	1 31	3 19	0 45	9 57	1 34	17 46	5 57	17 34	17 25	19 33	2 17	6 3
W20	19 32	15 5	4 59	14 44	1 38	24 2	4 32	8 59	0 59	12 27	1 27	5 20	1 32	3 19	0 45	9 57	1 34	17 46	5 57	17 34	17 24	19 32	2 15	6 4
T 21	19 45	11 59	5 14	15 17	1 33	23 41	4 19	9 12	0 59	12 25	1 27	5 18	1 32	3 18	0 45	9 56	1 34	17 46	5 58	17 34	17 24	19 31	2 14	6 4
F 22	19 58	8 20	5 16	15 49	1 27	23 19	4 5	9 26	0 59	12 23	1 27	5 17	1 32	3 18	0 45	9 56	1 34	17 47	5 58	17 34	17 23	19 31	2 12	6 5
S 23	20 10	4 15	5 3	16 21	1 21	22 57	3 51	9 40	0 59	12 21	1 26	5 15	1 32	3 17	0 45	9 55	1 34	17 47	5 58	17 34	17 22	19 30	2 11	6 5
S 24	20 23	0n 6	4 36	16 53	1 15	22 34	3 36	9 54	0 58	12 19	1 26	5 14	1 32	3 17	0 45	9 55	1 34	17 47	5 58	17 34	17 21	19 29	2 9	6 6
M25	20 34	4 36	3 53	17 24	1 8	22 11	3 21	10 7	0 58	12 17	1 26	5 13	1 33	3 16	0 45	9 54	1 34	17 47	5 58	17 34	17 20	19 28	2 7	6 6
T 26	20 46	9 2	2 56	17 54	1 2	21 48	3 6	10 21	0 58	12 15	1 26	5 11	1 33	3 16	0 45	9 54	1 34	17 47	5 59	17 35	17 19	19 27	2 6	6 7
W27	20 57	13 8	1 47	18 23	0 55	21 26	2 51	10 34	0 58	12 13	1 26	5 10	1 33	3 16	0 45	9 53	1 33	17 47	5 59	17 35	17 18	19 26	2 4	6 7
T 28	21 8	16 35	0 29	18 52	0 48	21 3	2 36	10 47	0 57	12 11	1 25	5 9	1 33	3 15	0 45	9 53	1 33	17 48	5 59	17 35	17 18	19 25	2 3	6 8
F 29	21 18	19 2	0s53	19 20	0 41	20 41	2 20	11 1	0 57	12 10	1 25	5 8	1 34	3 15	0 45	9 53	1 33	17 48	5 59	17 35	17 17	19 25	2 1	6 8
S 30	21s28	20n12	2s12	19s46	0n34	20s19	2s 5	11s14	0n57	12n 8	1s25	5n 6	1n34	3n14	0s45	9n52	1s33	17n48	6n 0	17s35	17s16	19s24	2n 0	6s 9

Julian Day Number = 2884661.5, Delta T = 01h16m52s
Ecliptic obliquity = 23°17'03, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°20'51, Lahiri = 40°27'51

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ASTRODIENST EPHEMERIS for the year 3185
geocentric

DECEMBER 3185 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 41 3	8♐45'39	29♊33	3♐ 9	22°R12	2♏43	6°R 1	20♍44	9°R59	29°R47	27°R45	19°R48	18♏36	5♑49	10♍13	S 1
M 2	4 44 59	9°45'56	14♋37	4°46	21♏49	3°21	5♉55	20°48	9♈58	29♈45	27♌45	19♏45	18°33	5°56	10°16	M 2
T 3	4 48 56	10°46'13	29°29	6°23	21°28	3°59	5°50	20°51	9°57	29°44	27°44	19°42	18°30	6° 3	10°18	T 3
W 4	4 52 52	11°46'33	14♌ 2	7°59	21° 9	4°37	5°45	20°54	9°56	29°43	27°44	19°40	18°27	6° 9	10°20	W 4
T 5	4 56 49	12°46'55	28°12	9°35	20°53	5°14	5°40	20°57	9°55	29°42	27°44	19°38	18°23	6°16	10°22	T 5
F 6	5 0 45	13°47'18	11♍57	11°11	20°40	5°52	5°35	21° 0	9°55	29°41	27°44	19°D37	18°20	6°23	10°24	F 6
S 7	5 4 42	14°47'43	25°18	12°47	20°28	6°30	5°31	21° 3	9°54	29°40	27°44	19°38	18°17	6°29	10°26	S 7
S 8	5 8 38	15°48'10	8♎18	14°22	20°20	7° 8	5°26	21° 6	9°54	29°39	27°43	19°39	18°14	6°36	10°28	S 8
M 9	5 12 35	16°48'39	20°59	15°57	20°14	7°46	5°22	21° 8	9°53	29°38	27°43	19°41	18°11	6°43	10°29	M 9
T 10	5 16 32	17°49'10	3♏24	17°32	20°10	8°23	5°18	21°11	9°53	29°37	27°43	19°42	18° 8	6°49	10°31	T 10
W11	5 20 28	18°49'42	15°37	19° 7	20°D 9	9° 1	5°14	21°13	9°52	29°36	27°43	19°R43	18° 4	6°56	10°32	W11
T 12	5 24 25	19°50'16	27°42	20°42	20°10	9°39	5°10	21°15	9°52	29°35	27°42	19°43	18° 1	7° 3	10°33	T 12
F 13	5 28 21	20°50'51	9♐40	22°16	20°14	10°17	5° 7	21°17	9°51	29°34	27°42	19°41	17°58	7°10	10°35	F 13
S 14	5 32 18	21°51'28	21°33	23°50	20°19	10°55	5° 3	21°20	9°51	29°33	27°41	19°38	17°55	7°16	10°36	S 14
S 15	5 36 14	22°52'06	3♑24	25°24	20°28	11°32	5° 0	21°22	9°51	29°32	27°41	19°33	17°52	7°23	10°37	S 15
M16	5 40 11	23°52'46	15°13	26°58	20°38	12°10	4°57	21°23	9°51	29°31	27°41	19°26	17°48	7°30	10°38	M16
T 17	5 44 7	24°53'27	27° 4	28°32	20°51	12°48	4°55	21°25	9°51	29°30	27°40	19°19	17°45	7°36	10°38	T 17
W18	5 48 4	25°54'08	8♒58	0♑ 6	21° 6	13°26	4°52	21°27	9°50	29°30	27°40	19°12	17°42	7°43	10°39	W18
T 19	5 52 1	26°54'51	20°58	1°40	21°23	14° 3	4°50	21°28	9°D50	29°29	27°39	19° 6	17°39	7°50	10°40	T 19
F 20	5 55 57	27°55'35	3♓ 6	3°14	21°41	14°41	4°48	21°30	9°50	29°28	27°38	19° 2	17°36	7°56	10°40	F 20
S 21	5 59 54	28°56'20	15°27	4°47	22° 2	15°19	4°46	21°31	9°51	29°28	27°38	18°59	17°33	8° 3	10°40	S 21
S 22	6 3 50	29°57'05	28° 5	6°21	22°25	15°56	4°44	21°32	9°51	29°27	27°37	18°D58	17°29	8°10	10°41	S 22
M23	6 7 47	0♑57'52	11♈ 3	7°54	22°49	16°34	4°43	21°33	9°51	29°26	27°37	18°58	17°26	8°16	10°41	M23
T 24	6 11 43	1°58'39	24°25	9°28	23°16	17°12	4°41	21°34	9°51	29°26	27°36	19° 0	17°23	8°23	10°R41	T 24
W25	6 15 40	2°59'27	8♉15	11° 1	23°44	17°50	4°40	21°35	9°51	29°25	27°35	19° 1	17°20	8°30	10°41	W25
T 26	6 19 36	4° 0'16	22°32	12°35	24°13	18°27	4°40	21°36	9°52	29°25	27°35	19°R 1	17°17	8°37	10°40	T 26
F 27	6 23 33	5° 1'06	7♊16	14° 8	24°44	19° 5	4°39	21°37	9°52	29°24	27°34	19° 0	17°14	8°43	10°40	F 27
S 28	6 27 30	6° 1'57	22°21	15°41	25°17	19°43	4°38	21°37	9°53	29°24	27°33	18°56	17°10	8°50	10°40	S 28
S 29	6 31 26	7° 2'49	7♋38	17°15	25°51	20°20	4°38	21°38	9°53	29°23	27°32	18°51	17° 7	8°57	10°39	S 29
M30	6 35 23	8° 3'41	22°58	18°48	26°27	20°58	4°D38	21°38	9°54	29°23	27°32	18°43	17° 4	9° 3	10°38	M30
T 31	6 39 19	9♑ 4'34	8♌ 8	20♑21	27♏ 4	21♏36	4♉38	21♍38	9♈54	29♈23	27♌31	18♏35	17♏ 1	9♑10	10♍38	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s37	19n55	3s22	20s12	0n27	19s58	1s49	11s27	0n57	12n 6	1s25	5n 5	1n34	3n14	0s45	9n52	1s33	17n48	6n 0	17s34	17s15	19s23	1n59	6s 9
M 2	21 46	18 13	4 18	20 37	0 21	19 37	1 34	11 40	0 56	12 5	1 25	5 4	1 34	3 14	0 45	9 51	1 33	17 49	6 0	17 34	17 14	19 22	1 57	6 10
T 3	21 55	15 18	4 56	21 1	0 14	19 17	1 19	11 53	0 56	12 3	1 24	5 3	1 34	3 14	0 45	9 51	1 33	17 49	6 0	17 33	17 13	19 21	1 56	6 10
W 4	22 3	11 30	5 14	21 23	0 7	18 58	1 4	12 6	0 56	12 2	1 24	5 2	1 35	3 13	0 45	9 51	1 33	17 49	6 1	17 32	17 12	19 20	1 55	6 11
T 5	22 11	7 8	5 12	21 45	0s 0	18 40	0 50	12 19	0 56	12 0	1 24	5 1	1 35	3 13	0 45	9 50	1 33	17 49	6 1	17 32	17 11	19 19	1 54	6 11
F 6	22 18	2 32	4 52	22 5	0 7	18 22	0 35	12 31	0 55	11 59	1 24	5 0	1 35	3 13	0 45	9 50	1 33	17 50	6 1	17 31	17 11	19 18	1 52	6 12
S 7	22 25	2s 4	4 16	22 25	0 14	18 6	0 21	12 44	0 55	11 58	1 23	4 59	1 35	3 13	0 45	9 50	1 33	17 50	6 1	17 32	17 10	19 17	1 51	6 12
S 8	22 32	6 28	3 28	22 43	0 21	17 50	0 8	12 57	0 55	11 57	1 23	4 59	1 36	3 12	0 45	9 49	1 33	17 50	6 1	17 32	17 9	19 16	1 50	6 13
M 9	22 38	10 29	2 32	23 0	0 27	17 36	0n 5	13 9	0 54	11 55	1 23	4 58	1 36	3 12	0 45	9 49	1 33	17 51	6 2	17 32	17 8	19 16	1 49	6 13
T 10	22 44	13 57	1 29	23 16	0 34	17 23	0 18	13 21	0 54	11 54	1 23	4 57	1 36	3 12	0 45	9 49	1 33	17 51	6 2	17 33	17 7	19 15	1 48	6 14
W11	22 49	16 46	0 22	23 30	0 40	17 10	0 31	13 34	0 54	11 53	1 22	4 56	1 36	3 12	0 45	9 48	1 33	17 51	6 2	17 33	17 6	19 14	1 47	6 14
T 12	22 54	18 49	0n44	23 44	0 46	16 59	0 43	13 46	0 53	11 52	1 22	4 56	1 37	3 12	0 45	9 48	1 33	17 52	6 2	17 33	17 5	19 13	1 46	6 15
F 13	22 58	19 59	1 47	23 56	0 53	16 49	0 55	13 58	0 53	11 51	1 22	4 55	1 37	3 12	0 45	9 48	1 33	17 52	6 3	17 33	17 4	19 12	1 45	6 15
S 14	23 2	20 16	2 45	24 7	0 59	16 39	1 6	14 10	0 53	11 51	1 21	4 54	1 37	3 12	0 44	9 47	1 33	17 52	6 3	17 32	17 4	19 11	1 44	6 16
S 15	23 6	19 38	3 36	24 17	1 5	16 31	1 17	14 22	0 52	11 50	1 21	4 54	1 37	3 12	0 44	9 47	1 33	17 53	6 3	17 30	17 3	19 10	1 43	6 16
M16	23 9	18 9	4 17	24 25	1 10	16 24	1 27	14 34	0 52	11 49	1 21	4 53	1 38	3 12	0 44	9 47	1 33	17 53	6 3	17 29	17 2	19 9	1 43	6 17
T 17	23 11	15 54	4 48	24 33	1 16	16 17	1 37	14 45	0 52	11 48	1 21	4 53	1 38	3 12	0 44	9 47	1 33	17 53	6 4	17 27	17 1	19 8	1 42	6 17
W18	23 13	12 59	5 6	24 38	1 21	16 12	1 46	14 57	0 51	11 48	1 20	4 53	1 38	3 12	0 44	9 46	1 33	17 54	6 4	17 25	17 0	19 7	1 41	6 18
T 19	23 15	9 30	5 10	24 43	1 27	16 8	1 56	15 8	0 51	11 47	1 20	4 52	1 38	3 12	0 44	9 46	1 33	17 54	6 4	17 23	16 59	19 6	1 41	6 18
F 20	23 16	5 37	5 1	24 46	1 32	16 4	2 4	15 20	0 51	11 47	1 20	4 52	1 39	3 12	0 44	9 46	1 33	17 55	6 4	17 22	16 58	19 5	1 40	6 19
S 21	23 17	1 25	4 38	24 48	1 37	16 1	2 13	15 31	0 50	11 47	1 19	4 52	1 39	3 12	0 44	9 46	1 33	17 55	6 4	17 21	16 57	19 4	1 39	6 19
S 22	23 17	2n56	4 1	24 49	1 41	15 59	2 20	15 42	0 50	11 46	1 19	4 51	1 39	3 12	0 44	9 46	1 33	17 55	6 5	17 21	16 56	19 3	1 39	6 20
M23	23 17	7 17	3 11	24 48	1 46	15 58	2 28	15 53	0 50	11 46	1 19	4 51	1 39	3 12	0 44	9 46	1 33	17 56	6 5	17 21	16 56	19 2	1 38	6 20
T 24	23 16	11 25	2 9	24 46	1 50	15 58	2 35	16 4	0 49	11 46	1 19	4 51	1 40	3 12	0 44	9 45	1 32	17 56	6 5	17 21	16 55	19 2	1 38	6 21
W25	23 15	15 5	0 58	24 43	1 54	15 58	2 42	16 15	0 49	11 46	1 18	4 51	1 40	3 12	0 44	9 45	1 32	17 57	6 5	17 22	16 54	19 1	1 37	6 21
T 26	23 13	17 59	0s19	24 38	1 57	15 59	2 48	16 26	0 49	11 46	1 18	4 51	1 40	3 12	0 44	9 45	1 32	17 57	6 5	17 22	16 53	19 0	1 37	6 22
F 27	23 11	19 47	1 37	24 32	2 1	16 1	2 54	16 36	0 48	11 46	1 18	4 51	1 40	3 13	0 44	9 45	1 32	17 58	6 6	17 21	16 52	18 59	1 37	6 22
S 28	23 9	20 14	2 50	24 25	2 4	16 3	3 0	16 47	0 48	11 46	1 17	4 51	1 41	3 13	0 44	9 45	1 32	17 58	6 6	17 20	16 51	18 58	1 36	6 23
S 29	23 6	19 13	3 52	24 16	2 6	16 6	3 5	16 57	0 47	11 46	1 17	4 51	1 41	3 13	0 44	9 45	1 32	17 58	6 6	17 19	16 50	18 57	1 36	6 23
M30	23 2	16 48	4 37	24 6	2 9	16 9	3 10	17 7	0 47	11 47	1 17	4 51	1 41	3 13	0 44	9 45	1 32	17 59	6 6	17 17	16 49	18 56	1 36	6 24
T 31	22s59	13n15	5s 2	23s55	2s11	16s13	3n15	17s18	0n47	11n47	1s17	4n51	1n41	3n14	0s44	9n45	1s32	17n59	6n 6	17s15	16s48	18s55	1n36	6s24

Julian Day Number = 2884691.5, Delta T = 01h16m53s
Ecliptic obliquity = 23°17'03, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°20'55, Lahiri = 40°27'56

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ASTRODIENST EPHEMERIS for the year 3186
geocentric

JANUARY 3186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 43 16	10♑ 5'29	23♌ 0	21♑55	27♏42	22♏13	4♉39	21°R38	9♈55	29°R22	27°R30	18°R28	16♏58	9♑17	10°R37	W 1
T 2	6 47 12	11° 6'24	7♍25	23°28	28°22	22°51	4°39	21♍38	9°55	29♈22	27♌29	18♏21	16°54	9°23	10♍36	T 2
F 3	6 51 9	12° 7'20	21°21	25° 1	29° 3	23°28	4°40	21°38	9°56	29°22	27°28	18°17	16°51	9°30	10°35	F 3
S 4	6 55 6	13° 8'18	4♎47	26°33	29°45	24° 6	4°41	21°38	9°57	29°22	27°27	18°15	16°48	9°37	10°34	S 4
S 5	6 59 2	14° 9'16	17°47	28° 6	0♐28	24°44	4°42	21°38	9°58	29°22	27°26	18°D15	16°45	9°44	10°32	S 5
M 6	7 2 59	15°10'16	0♏23	29°38	1°12	25°21	4°44	21°37	9°59	29°21	27°25	18°15	16°42	9°50	10°31	M 6
T 7	7 6 55	16°11'16	12°42	1♒ 9	1°57	25°59	4°46	21°36	10° 0	29°21	27°24	18°R16	16°39	9°57	10°30	T 7
W 8	7 10 52	17°12'17	24°47	2°41	2°43	26°37	4°47	21°36	10° 1	29°21	27°23	18°16	16°35	10° 4	10°28	W 8
T 9	7 14 48	18°13'19	6♐43	4°11	3°30	27°14	4°49	21°35	10° 2	29°21	27°22	18°14	16°32	10°10	10°26	T 9
F 10	7 18 45	19°14'22	18°34	5°41	4°18	27°52	4°52	21°34	10° 3	29°D21	27°21	18°10	16°29	10°17	10°24	F 10
S 11	7 22 41	20°15'26	0♑23	7° 9	5° 7	28°29	4°54	21°33	10° 4	29°21	27°20	18° 2	16°26	10°24	10°23	S 11
S 12	7 26 38	21°16'30	12°13	8°37	5°57	29° 7	4°57	21°32	10° 5	29°21	27°19	17°52	16°23	10°30	10°21	S 12
M13	7 30 35	22°17'34	24° 5	10° 3	6°47	29°44	5° 0	21°31	10° 6	29°21	27°18	17°40	16°20	10°37	10°19	M13
T 14	7 34 31	23°18'39	6♒ 1	11°27	7°39	0♐22	5° 3	21°29	10° 8	29°21	27°17	17°27	16°16	10°44	10°16	T 14
W15	7 38 28	24°19'44	18° 1	12°49	8°31	0°59	5° 6	21°28	10° 9	29°22	27°16	17°14	16°13	10°50	10°14	W15
T 16	7 42 24	25°20'49	0♓ 9	14° 9	9°24	1°37	5° 9	21°26	10°10	29°22	27°15	17° 1	16°10	10°57	10°12	T 16
F 17	7 46 21	26°21'55	12°24	15°26	10°17	2°14	5°13	21°25	10°12	29°22	27°14	16°51	16° 7	11° 4	10° 9	F 17
S 18	7 50 17	27°23'00	24°49	16°39	11°11	2°52	5°17	21°23	10°13	29°22	27°13	16°44	16° 4	11°11	10° 7	S 18
S 19	7 54 14	28°24'06	7♈27	17°48	12° 6	3°29	5°21	21°21	10°15	29°23	27°11	16°40	16° 0	11°17	10° 4	S 19
M20	7 58 10	29°25'11	20°21	18°53	13° 1	4° 7	5°25	21°19	10°16	29°23	27°10	16°38	15°57	11°24	10° 1	M20
T 21	8 2 7	0♒26'16	3♉35	19°52	13°57	4°44	5°30	21°17	10°18	29°23	27° 9	16°D37	15°54	11°31	9°59	T 21
W22	8 6 4	1°27'22	17°12	20°45	14°54	5°22	5°34	21°15	10°20	29°24	27° 8	16°R38	15°51	11°37	9°56	W22
T 23	8 10 0	2°28'27	1♊14	21°31	15°51	5°59	5°39	21°12	10°21	29°24	27° 6	16°37	15°48	11°44	9°53	T 23
F 24	8 13 57	3°29'31	15°42	22° 9	16°48	6°36	5°44	21°10	10°23	29°25	27° 5	16°34	15°45	11°51	9°50	F 24
S 25	8 17 53	4°30'36	0♋32	22°38	17°47	7°14	5°49	21° 8	10°25	29°25	27° 4	16°29	15°41	11°57	9°46	S 25
S 26	8 21 50	5°31'40	15°39	22°57	18°45	7°51	5°55	21° 5	10°27	29°26	27° 3	16°21	15°38	12° 4	9°43	S 26
M27	8 25 46	6°32'44	0♌54	23°R 6	19°44	8°28	6° 0	21° 2	10°29	29°26	27° 1	16°10	15°35	12°11	9°40	M27
T 28	8 29 43	7°33'48	16° 6	23° 4	20°44	9° 6	6° 6	21° 0	10°31	29°27	27° 0	15°58	15°32	12°18	9°37	T 28
W29	8 33 39	8°34'52	1♍ 3	22°50	21°44	9°43	6°12	20°57	10°33	29°28	26°59	15°47	15°29	12°24	9°33	W29
T 30	8 37 36	9°35'55	15°38	22°24	22°44	10°20	6°18	20°54	10°35	29°28	26°58	15°37	15°26	12°31	9°30	T 30
F 31	8 41 33	10♒36'59	29♍44	21♒46	23♐45	10♐58	6♉24	20♍51	10♈37	29♈29	26♌56	15♏29	15♏22	12♑38	9♍26	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s54	8n56	5s 6	23s42	2s13	16s17	3n19	17s28	0n46	11n47	1s16	4n51	1n42	3n14	0s44	9n45	1s32	18n 0	6n 7	17s13	16s48	18s54	1n36	6s25
T 2	22 49	4 14	4 50	23 28	2 14	16 22	3 23	17 37	0 46	11 48	1 16	4 52	1 42	3 14	0 44	9 44	1 32	18 0	6 7	17 11	16 47	18 53	1 36	6 25
F 3	22 44	0s33	4 18	23 12	2 15	16 27	3 27	17 47	0 45	11 48	1 16	4 52	1 42	3 14	0 44	9 44	1 32	18 1	6 7	17 10	16 46	18 52	1 36	6 26
S 4	22 38	5 8	3 32	22 55	2 15	16 33	3 30	17 57	0 45	11 49	1 15	4 52	1 42	3 15	0 44	9 44	1 32	18 1	6 7	17 9	16 45	18 51	1 36	6 26
S 5	22 32	9 20	2 36	22 37	2 15	16 38	3 33	18 6	0 45	11 50	1 15	4 53	1 43	3 15	0 44	9 44	1 32	18 2	6 7	17 9	16 44	18 50	1 36	6 26
M 6	22 26	13 1	1 34	22 18	2 15	16 44	3 36	18 16	0 44	11 50	1 15	4 53	1 43	3 16	0 44	9 44	1 32	18 2	6 8	17 9	16 43	18 49	1 36	6 27
T 7	22 19	16 1	0 30	21 57	2 14	16 51	3 39	18 25	0 44	11 51	1 14	4 53	1 43	3 16	0 44	9 44	1 32	18 3	6 8	17 9	16 42	18 48	1 36	6 27
W 8	22 11	18 17	0n35	21 35	2 13	16 57	3 41	18 34	0 43	11 52	1 14	4 54	1 43	3 16	0 43	9 44	1 32	18 3	6 8	17 9	16 41	18 47	1 36	6 28
T 9	22 3	19 42	1 37	21 12	2 11	17 4	3 43	18 43	0 43	11 53	1 14	4 54	1 44	3 17	0 43	9 44	1 32	18 4	6 8	17 9	16 40	18 46	1 36	6 28
F 10	21 55	20 14	2 34	20 48	2 8	17 11	3 45	18 52	0 42	11 54	1 14	4 55	1 44	3 17	0 43	9 44	1 32	18 4	6 8	17 8	16 39	18 45	1 37	6 29
S 11	21 46	19 52	3 25	20 22	2 5	17 18	3 46	19 1	0 42	11 55	1 13	4 56	1 44	3 18	0 43	9 45	1 32	18 5	6 9	17 6	16 39	18 44	1 37	6 29
S 12	21 37	18 38	4 6	19 56	2 1	17 25	3 48	19 9	0 41	11 56	1 13	4 56	1 44	3 18	0 43	9 45	1 32	18 5	6 9	17 3	16 38	18 43	1 37	6 29
M13	21 27	16 36	4 37	19 29	1 56	17 32	3 49	19 18	0 41	11 58	1 13	4 57	1 45	3 19	0 43	9 45	1 32	18 6	6 9	16 59	16 37	18 42	1 38	6 30
T 14	21 17	13 52	4 56	19 0	1 51	17 40	3 50	19 26	0 41	11 59	1 12	4 58	1 45	3 19	0 43	9 45	1 31	18 7	6 9	16 56	16 36	18 41	1 38	6 30
W15	21 7	10 32	5 2	18 31	1 44	17 47	3 50	19 34	0 40	12 0	1 12	4 59	1 45	3 20	0 43	9 45	1 31	18 7	6 9	16 52	16 35	18 40	1 39	6 30
T 16	20 56	6 45	4 54	18 2	1 37	17 55	3 51	19 42	0 40	12 2	1 12	4 59	1 45	3 20	0 43	9 45	1 31	18 8	6 9	16 49	16 34	18 38	1 39	6 31
F 17	20 45	2 39	4 33	17 32	1 29	18 2	3 51	19 50	0 39	12 3	1 12	5 0	1 46	3 21	0 43	9 45	1 31	18 8	6 10	16 46	16 33	18 37	1 40	6 31
S 18	20 33	1n36	3 59	17 2	1 21	18 9	3 51	19 58	0 39	12 5	1 11	5 1	1 46	3 22	0 43	9 45	1 31	18 9	6 10	16 44	16 32	18 36	1 40	6 32
S 19	20 21	5 53	3 12	16 31	1 11	18 16	3 51	20 5	0 38	12 6	1 11	5 2	1 46	3 22	0 43	9 45	1 31	18 9	6 10	16 42	16 31	18 35	1 41	6 32
M20	20 8	9 59	2 15	16 1	1 0	18 24	3 51	20 13	0 38	12 8	1 11	5 3	1 46	3 23	0 43	9 46	1 31	18 10	6 10	16 42	16 30	18 34	1 42	6 32
T 21	19 56	13 42	1 9	15 31	0 48	18 31	3 50	20 20	0 37	12 10	1 10	5 4	1 47	3 24	0 43	9 46	1 31	18 10	6 10	16 42	16 29	18 33	1 43	6 33
W22	19 42	16 49	0s 3	15 2	0 35	18 38	3 50	20 27	0 37	12 11	1 10	5 5	1 47	3 24	0 43	9 46	1 31	18 11	6 10	16 42	16 29	18 32	1 43	6 33
T 23	19 29	19 1	1 17	14 35	0 21	18 44	3 49	20 34	0 36	12 13	1 10	5 6	1 47	3 25	0 43	9 46	1 31	18 12	6 10	16 42	16 28	18 31	1 44	6 33
F 24	19 15	20 5	2 27	14 8	0 6	18 51	3 48	20 41	0 35	12 15	1 10	5 8	1 47	3 26	0 43	9 46	1 31	18 12	6 11	16 41	16 27	18 30	1 45	6 33
S 25	19 1	19 47	3 30	13 44	0n10	18 58	3 47	20 48	0 35	12 17	1 9	5 9	1 48	3 26	0 43	9 47	1 31	18 13	6 11	16 39	16 26	18 29	1 46	6 34
S 26	18 46	18 5	4 19	13 22	0 26	19 4	3 46	20 55	0 34	12 19	1 9	5 10	1 48	3 27	0 43	9 47	1 31	18 13	6 11	16 37	16 25	18 28	1 47	6 34
M27	18 31	15 6	4 50	13 2	0 44	19 10	3 44	21 1	0 34	12 21	1 9	5 11	1 48	3 28	0 43	9 47	1 31	18 14	6 11	16 34	16 24	18 27	1 48	6 34
T 28	18 16	11 7	5 0	12 46	1 2	19 16	3 43	21 7	0 33	12 23	1 8	5 13	1 48	3 29	0 43	9 47	1 31	18 14	6 11	16 31	16 23	18 26	1 49	6 34
W29	18 0	6 30	4 50	12 33	1 21	19 21	3 41	21 13	0 33	12 26	1 8	5 14	1 48	3 30	0 43	9 48	1 31	18 15	6 11	16 27	16 22	18 25	1 50	6 35
T 30	17 44	1 37	4 21	12 23	1 39	19 26	3 39	21 19	0 32	12 28	1 8	5 15	1 49	3 30	0 43	9 48	1 31	18 16	6 11	16 25	16 21	18 24	1 51	6 35
F 31	17s28	3s12	3s36	12s18	1n58	19s31	3n37	21s25	0n32	12n30	1s 8	5n17	1n49	3n31	0s43	9n48	1s31	18n16	6n12	16s22	16s20	18s23	1n52	6s35

Julian Day Number = 2884722.5, Delta T = 01h16m53s
Ecliptic obliquity = 23°17'02, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°20'59, Lahiri = 40°28'00

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ASTRODIENST EPHEMERIS for the year 3186
geocentric

FEBRUARY 3186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 45 29	11♒38'02	13♎20	20°R57	24♐46	11♐35	6♉30	20°R48	10♈39	29♈30	26°R55	15°R25	15♏19	12♑44	9°R22	S 1
S 2	8 49 26	12°39'06	26°26	19♒59	25°48	12°12	6°37	20♍44	10°41	29°31	26♌54	15♏22	15°16	12°51	9♍19	S 2
M 3	8 53 22	13°40'09	9♏ 7	18°52	26°50	12°49	6°44	20°41	10°43	29°32	26°52	15°22	15°13	12°58	9°15	M 3
T 4	8 57 19	14°41'13	21°27	17°39	27°52	13°27	6°50	20°38	10°45	29°32	26°51	15°22	15°10	13° 4	9°11	T 4
W 5	9 1 15	15°42'16	3♐31	16°22	28°55	14° 4	6°57	20°34	10°48	29°33	26°50	15°21	15° 6	13°11	9° 7	W 5
T 6	9 5 12	16°43'19	15°26	15° 4	29°58	14°41	7° 5	20°31	10°50	29°34	26°48	15°18	15° 3	13°18	9° 3	T 6
F 7	9 9 8	17°44'22	27°15	13°46	1♑ 2	15°18	7°12	20°27	10°52	29°35	26°47	15°13	15° 0	13°25	8°59	F 7
S 8	9 13 5	18°45'25	9♑ 3	12°32	2° 5	15°55	7°20	20°23	10°55	29°36	26°45	15° 5	14°57	13°31	8°55	S 8
S 9	9 17 2	19°46'27	20°54	11°23	3° 9	16°32	7°27	20°20	10°57	29°37	26°44	14°54	14°54	13°38	8°51	S 9
M10	9 20 58	20°47'29	2♒50	10°20	4°14	17° 9	7°35	20°16	11° 0	29°38	26°43	14°41	14°51	13°45	8°47	M10
T 11	9 24 55	21°48'30	14°54	9°25	5°18	17°46	7°43	20°12	11° 2	29°39	26°41	14°26	14°47	13°51	8°42	T 11
W12	9 28 51	22°49'31	27° 5	8°39	6°23	18°23	7°51	20° 8	11° 5	29°40	26°40	14°11	14°44	13°58	8°38	W12
T 13	9 32 48	23°50'31	9♓25	8° 2	7°28	19° 0	7°59	20° 4	11° 7	29°42	26°38	13°57	14°41	14° 5	8°34	T 13
F 14	9 36 44	24°51'30	21°54	7°34	8°33	19°37	8° 8	20° 0	11°10	29°43	26°37	13°46	14°38	14°11	8°30	F 14
S 15	9 40 41	25°52'28	4♈32	7°14	9°39	20°14	8°16	19°55	11°12	29°44	26°36	13°38	14°35	14°18	8°25	S 15
S 16	9 44 37	26°53'25	17°22	7° 4	10°45	20°51	8°25	19°51	11°15	29°45	26°34	13°32	14°31	14°25	8°21	S 16
M17	9 48 34	27°54'21	0♉24	7°D 2	11°51	21°28	8°34	19°47	11°18	29°46	26°33	13°30	14°28	14°32	8°16	M17
T 18	9 52 31	28°55'16	13°41	7° 7	12°57	22° 5	8°43	19°43	11°20	29°48	26°31	13°D29	14°25	14°38	8°12	T 18
W19	9 56 27	29°56'10	27°14	7°20	14° 3	22°42	8°52	19°38	11°23	29°49	26°30	13°R29	14°22	14°45	8° 7	W19
T 20	10 0 24	0♓57'03	11♊ 5	7°39	15°10	23°19	9° 1	19°34	11°26	29°50	26°29	13°29	14°19	14°52	8° 3	T 20
F 21	10 4 20	1°57'54	25°16	8° 4	16°17	23°56	9°11	19°29	11°29	29°52	26°27	13°27	14°16	14°58	7°58	F 21
S 22	10 8 17	2°58'45	9♋46	8°35	17°24	24°32	9°20	19°25	11°31	29°53	26°26	13°22	14°12	15° 5	7°54	S 22
S 23	10 12 13	3°59'34	24°29	9°11	18°31	25° 9	9°30	19°20	11°34	29°55	26°25	13°15	14° 9	15°12	7°49	S 23
M24	10 16 10	5° 0'21	9♌22	9°52	19°38	25°46	9°40	19°16	11°37	29°56	26°23	13° 6	14° 6	15°19	7°45	M24
T 25	10 20 6	6° 1'08	24°15	10°37	20°46	26°22	9°50	19°11	11°40	29°58	26°22	12°55	14° 3	15°25	7°40	T 25
W26	10 24 3	7° 1'53	9♍ 0	11°26	21°54	26°59	10° 0	19° 6	11°43	29°59	26°20	12°45	14° 0	15°32	7°36	W26
T 27	10 28 0	8° 2'37	23°28	12°18	23° 2	27°36	10°10	19° 2	11°46	0♉ 1	26°19	12°35	13°57	15°39	7°31	T 27
F 28	10 31 56	9♓ 3'20	7♎33	13♒14	24♑10	28♐12	10♉20	18♍57	11♈49	0♉ 2	26♌18	12♏28	13♏53	15♑45	7♍26	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s11	7s42	2s41	12s17	2n15	19s36	3n35	21s31	0n31	12n32	1s 7	5n18	1n49	3n32	0s43	9n49	1s31	18n17	6n12	16s21	16s19	18s21	1n53	6s35
S 2	16 54	11 40	1 38	12 19	2 32	19 40	3 33	21 36	0 30	12 35	1 7	5 19	1 49	3 33	0 43	9 49	1 31	18 17	6 12	16 20	16 19	18 20	1 54	6 36
M 3	16 37	14 58	0 33	12 25	2 47	19 44	3 30	21 42	0 30	12 37	1 7	5 21	1 50	3 34	0 43	9 49	1 31	18 18	6 12	16 20	16 18	18 19	1 56	6 36
T 4	16 19	17 29	0n32	12 35	3 0	19 48	3 28	21 47	0 29	12 40	1 7	5 22	1 50	3 35	0 42	9 50	1 30	18 18	6 12	16 20	16 17	18 18	1 57	6 36
W 5	16 1	19 10	1 35	12 47	3 11	19 51	3 25	21 52	0 29	12 42	1 6	5 24	1 50	3 36	0 42	9 50	1 30	18 19	6 12	16 20	16 16	18 17	1 58	6 36
T 6	15 43	19 59	2 32	13 2	3 20	19 54	3 23	21 57	0 28	12 45	1 6	5 26	1 50	3 37	0 42	9 50	1 30	18 20	6 12	16 19	16 15	18 16	2 0	6 36
F 7	15 25	19 53	3 22	13 18	3 26	19 57	3 20	22 2	0 27	12 47	1 6	5 27	1 50	3 37	0 42	9 51	1 30	18 20	6 12	16 18	16 14	18 15	2 1	6 36
S 8	15 6	18 56	4 3	13 35	3 29	19 59	3 17	22 6	0 27	12 50	1 6	5 29	1 51	3 38	0 42	9 51	1 30	18 21	6 12	16 15	16 13	18 14	2 2	6 36
S 9	14 47	17 9	4 34	13 53	3 30	20 1	3 14	22 11	0 26	12 53	1 5	5 30	1 51	3 39	0 42	9 51	1 30	18 21	6 13	16 12	16 12	18 13	2 4	6 36
M10	14 28	14 38	4 53	14 11	3 28	20 2	3 11	22 15	0 25	12 56	1 5	5 32	1 51	3 40	0 42	9 52	1 30	18 22	6 13	16 8	16 11	18 12	2 5	6 36
T 11	14 9	11 29	5 0	14 29	3 25	20 3	3 8	22 19	0 25	12 58	1 5	5 34	1 51	3 41	0 42	9 52	1 30	18 22	6 13	16 4	16 10	18 10	2 7	6 37
W12	13 49	7 49	4 52	14 46	3 20	20 4	3 5	22 23	0 24	13 1	1 5	5 36	1 51	3 42	0 42	9 53	1 30	18 23	6 13	16 0	16 9	18 9	2 8	6 37
T 13	13 29	3 48	4 31	15 2	3 13	20 4	3 1	22 27	0 23	13 4	1 4	5 37	1 51	3 43	0 42	9 53	1 30	18 24	6 13	15 56	16 8	18 8	2 10	6 37
F 14	13 9	0n26	3 57	15 17	3 5	20 3	2 58	22 30	0 23	13 7	1 4	5 39	1 52	3 44	0 42	9 54	1 30	18 24	6 13	15 52	16 7	18 7	2 11	6 37
S 15	12 49	4 42	3 10	15 31	2 55	20 2	2 54	22 34	0 22	13 10	1 4	5 41	1 52	3 45	0 42	9 54	1 30	18 25	6 13	15 50	16 6	18 6	2 13	6 37
S 16	12 28	8 50	2 14	15 43	2 45	20 1	2 51	22 37	0 21	13 13	1 4	5 43	1 52	3 47	0 42	9 54	1 30	18 25	6 13	15 48	16 6	18 5	2 15	6 37
M17	12 7	12 37	1 9	15 54	2 35	19 59	2 47	22 40	0 20	13 16	1 3	5 44	1 52	3 48	0 42	9 55	1 30	18 26	6 13	15 47	16 5	18 4	2 16	6 37
T 18	11 46	15 50	0s 1	16 4	2 23	19 57	2 44	22 43	0 20	13 19	1 3	5 46	1 52	3 49	0 42	9 55	1 30	18 26	6 13	15 47	16 4	18 3	2 18	6 37
W19	11 25	18 14	1 12	16 11	2 12	19 54	2 40	22 46	0 19	13 22	1 3	5 48	1 52	3 50	0 42	9 56	1 30	18 27	6 13	15 47	16 3	18 1	2 20	6 37
T 20	11 4	19 38	2 21	16 18	2 0	19 51	2 36	22 49	0 18	13 25	1 3	5 50	1 53	3 51	0 42	9 56	1 30	18 27	6 13	15 47	16 2	18 0	2 21	6 36
F 21	10 42	19 50	3 22	16 23	1 49	19 47	2 32	22 51	0 17	13 28	1 2	5 52	1 53	3 52	0 42	9 57	1 30	18 28	6 13	15 46	16 1	17 59	2 23	6 36
S 22	10 21	18 44	4 12	16 26	1 37	19 43	2 28	22 54	0 17	13 32	1 2	5 54	1 53	3 53	0 42	9 58	1 30	18 28	6 14	15 45	16 0	17 58	2 25	6 36
S 23	9 59	16 23	4 46	16 28	1 25	19 38	2 24	22 56	0 16	13 35	1 2	5 56	1 53	3 54	0 42	9 58	1 30	18 29	6 14	15 43	15 59	17 57	2 27	6 36
M24	9 37	12 56	5 2	16 29	1 14	19 32	2 20	22 58	0 15	13 38	1 2	5 58	1 53	3 55	0 42	9 59	1 30	18 30	6 14	15 40	15 58	17 56	2 28	6 36
T 25	9 15	8 41	4 56	16 28	1 3	19 27	2 16	23 0	0 14	13 42	1 2	6 0	1 53	3 57	0 42	9 59	1 30	18 30	6 14	15 37	15 57	17 55	2 30	6 36
W26	8 52	3 56	4 32	16 25	0 51	19 20	2 12	23 2	0 13	13 45	1 1	6 2	1 53	3 58	0 42	10 0	1 30	18 31	6 14	15 34	15 56	17 53	2 32	6 36
T 27	8 30	0s56	3 49	16 21	0 40	19 14	2 8	23 3	0 13	13 48	1 1	6 4	1 54	3 59	0 42	10 0	1 30	18 31	6 14	15 31	15 55	17 52	2 34	6 36
F 28	8s 7	5s39	2s54	16s16	0n30	19s 6	2n 4	23s 5	0n12	13n52	1s 1	6n 5	1n54	4n 0	0s42	10n 1	1s29	18n32	6n14	15s29	15s54	17s51	2n36	6s35

Julian Day Number = 2884753.5, Delta T = 01h16m54s
Ecliptic obliquity = 23°17'03, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°21'04, Lahiri = 40°28'04

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ASTRODIENST EPHEMERIS for the year 3186
geocentric

MARCH 3186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 35 53	10♓ 4'01	21♎11	14♒12	25♑18	28♐49	10♉30	18°R52	11♈52	0♉ 4	26°R16	12°R24	13♏50	15♑52	7°R22	S 1
S 2	10 39 49	11° 4'42	4♏22	15°14	26°26	29°25	10°41	18♍47	11°55	0° 5	26♌15	12♏22	13°47	15°59	7♍17	S 2
M 3	10 43 46	12° 5'22	17° 9	16°18	27°35	0♑ 2	10°51	18°42	11°58	0° 7	26°14	12°D21	13°44	16° 5	7°13	M 3
T 4	10 47 42	13° 6'01	29°34	17°24	28°43	0°38	11° 2	18°38	12° 1	0° 9	26°12	12°22	13°41	16°12	7° 8	T 4
W 5	10 51 39	14° 6'39	11♐42	18°32	29°52	1°15	11°13	18°33	12° 4	0°10	26°11	12°R23	13°37	16°19	7° 4	W 5
T 6	10 55 35	15° 7'16	23°39	19°43	1♒ 1	1°51	11°24	18°28	12° 8	0°12	26°10	12°22	13°34	16°26	6°59	T 6
F 7	10 59 32	16° 7'52	5♑30	20°55	2°10	2°27	11°35	18°23	12°11	0°14	26° 8	12°20	13°31	16°32	6°54	F 7
S 8	11 3 29	17° 8'26	17°20	22° 9	3°19	3° 4	11°46	18°18	12°14	0°16	26° 7	12°16	13°28	16°39	6°50	S 8
S 9	11 7 25	18° 9'00	29°13	23°25	4°29	3°40	11°57	18°13	12°17	0°17	26° 6	12° 9	13°25	16°46	6°46	S 9
M10	11 11 22	19° 9'32	11♒14	24°42	5°38	4°16	12° 9	18° 8	12°20	0°19	26° 5	12° 0	13°22	16°52	6°41	M10
T 11	11 15 18	20°10'03	23°24	26° 1	6°48	4°52	12°20	18° 4	12°23	0°21	26° 3	11°50	13°18	16°59	6°37	T 11
W12	11 19 15	21°10'32	5♓46	27°21	7°57	5°29	12°31	17°59	12°27	0°23	26° 2	11°40	13°15	17° 6	6°32	W12
T 13	11 23 11	22°11'00	18°20	28°43	9° 7	6° 5	12°43	17°54	12°30	0°25	26° 1	11°31	13°12	17°13	6°28	T 13
F 14	11 27 8	23°11'26	1♈ 7	0♓ 5	10°17	6°41	12°55	17°49	12°33	0°27	26° 0	11°23	13° 9	17°19	6°24	F 14
S 15	11 31 4	24°11'51	14° 6	1°30	11°27	7°17	13° 7	17°44	12°37	0°29	25°58	11°17	13° 6	17°26	6°19	S 15
S 16	11 35 1	25°12'15	27°16	2°55	12°37	7°53	13°18	17°39	12°40	0°30	25°57	11°14	13° 2	17°33	6°15	S 16
M17	11 38 57	26°12'36	10♉38	4°21	13°47	8°29	13°30	17°35	12°43	0°32	25°56	11°D13	12°59	17°39	6°11	M17
T 18	11 42 54	27°12'56	24°11	5°49	14°57	9° 4	13°42	17°30	12°47	0°34	25°55	11°14	12°56	17°46	6° 7	T 18
W19	11 46 51	28°13'14	7♊54	7°18	16° 8	9°40	13°55	17°25	12°50	0°36	25°54	11°15	12°53	17°53	6° 3	W19
T 20	11 50 47	29°13'29	21°49	8°48	17°18	10°16	14° 7	17°20	12°53	0°38	25°53	11°16	12°50	17°59	5°59	T 20
F 21	11 54 44	0♈13'43	5♋54	10°19	18°28	10°52	14°19	17°16	12°57	0°40	25°51	11°R16	12°47	18° 6	5°55	F 21
S 22	11 58 40	1°13'55	20° 8	11°51	19°39	11°27	14°31	17°11	13° 0	0°42	25°50	11°15	12°43	18°13	5°51	S 22
S 23	12 2 37	2°14'05	4♌30	13°24	20°50	12° 3	14°44	17° 6	13° 3	0°44	25°49	11°11	12°40	18°20	5°47	S 23
M24	12 6 33	3°14'13	18°56	14°59	22° 0	12°38	14°56	17° 2	13° 7	0°46	25°48	11° 7	12°37	18°26	5°43	M24
T 25	12 10 30	4°14'19	3♍20	16°34	23°11	13°14	15° 9	16°57	13°10	0°49	25°47	11° 1	12°34	18°33	5°39	T 25
W26	12 14 26	5°14'23	17°37	18°11	24°22	13°49	15°22	16°53	13°14	0°51	25°46	10°55	12°31	18°40	5°36	W26
T 27	12 18 23	6°14'24	1♎43	19°48	25°33	14°24	15°34	16°48	13°17	0°53	25°45	10°50	12°28	18°46	5°32	T 27
F 28	12 22 20	7°14'25	15°31	21°27	26°44	15° 0	15°47	16°44	13°20	0°55	25°44	10°46	12°24	18°53	5°28	F 28
S 29	12 26 16	8°14'23	28°59	23° 7	27°55	15°35	16° 0	16°40	13°24	0°57	25°43	10°44	12°21	19° 0	5°25	S 29
S 30	12 30 13	9°14'20	12♏ 6	24°48	29° 6	16°10	16°13	16°35	13°27	0°59	25°42	10°D43	12°18	19° 7	5°21	S 30
M31	12 34 9	10♈14'15	24♏52	26♓30	0♓17	16♑45	16♉26	16♍31	13♈31	1♉ 1	25♌41	10♏44	12♏15	19♑13	5♍18	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s45	9s55	1s50	16s 9	0n19	18s58	2n 0	23s 6	0n11	13n55	1s 1	6n 7	1n54	4n 1	0s42	10n 1	1s29	18n32	6n14	15s27	15s53	17s50	2n37	6s35
S 2	7 22	13 34	0 43	16 1	0 9	18 50	1 56	23 7	0 10	13 58	1 0	6 9	1 54	4 2	0 42	10 2	1 29	18 33	6 14	15 27	15 52	17 49	2 39	6 35
M 3	6 59	16 26	0n26	15 52	0s 1	18 41	1 52	23 8	0 9	14 2	1 0	6 11	1 54	4 4	0 42	10 3	1 29	18 33	6 14	15 27	15 51	17 48	2 41	6 35
T 4	6 36	18 27	1 31	15 41	0 10	18 32	1 47	23 9	0 8	14 5	1 0	6 13	1 54	4 5	0 42	10 3	1 29	18 34	6 14	15 27	15 51	17 46	2 43	6 34
W 5	6 13	19 34	2 30	15 29	0 19	18 22	1 43	23 9	0 8	14 9	1 0	6 15	1 54	4 6	0 42	10 4	1 29	18 34	6 14	15 27	15 50	17 45	2 45	6 34
T 6	5 50	19 46	3 22	15 15	0 28	18 11	1 39	23 10	0 7	14 12	1 0	6 17	1 54	4 7	0 42	10 4	1 29	18 34	6 14	15 27	15 49	17 44	2 47	6 34
F 7	5 26	19 5	4 5	15 1	0 37	18 0	1 35	23 10	0 6	14 16	0 59	6 19	1 54	4 9	0 42	10 5	1 29	18 35	6 14	15 26	15 48	17 43	2 49	6 34
S 8	5 3	17 35	4 38	14 45	0 45	17 49	1 31	23 10	0 5	14 20	0 59	6 21	1 54	4 10	0 42	10 6	1 29	18 35	6 14	15 25	15 47	17 42	2 51	6 33
S 9	4 39	15 19	4 58	14 28	0 53	17 37	1 26	23 10	0 4	14 23	0 59	6 23	1 55	4 11	0 42	10 6	1 29	18 36	6 14	15 23	15 46	17 40	2 53	6 33
M10	4 16	12 23	5 6	14 9	1 1	17 25	1 22	23 10	0 3	14 27	0 59	6 25	1 55	4 12	0 42	10 7	1 29	18 36	6 14	15 20	15 45	17 39	2 55	6 33
T 11	3 52	8 55	5 0	13 50	1 8	17 12	1 18	23 10	0 2	14 30	0 59	6 27	1 55	4 14	0 42	10 8	1 29	18 37	6 14	15 17	15 44	17 38	2 56	6 32
W12	3 29	5 0	4 39	13 29	1 15	16 58	1 14	23 9	0 1	14 34	0 59	6 29	1 55	4 15	0 42	10 8	1 29	18 37	6 14	15 14	15 43	17 37	2 58	6 32
T 13	3 5	0 49	4 6	13 7	1 21	16 45	1 9	23 9	0 0	14 38	0 58	6 31	1 55	4 16	0 42	10 9	1 29	18 38	6 14	15 11	15 42	17 36	3 0	6 32
F 14	2 41	3n29	3 19	12 44	1 28	16 30	1 5	23 8	0s 1	14 41	0 58	6 33	1 55	4 17	0 42	10 10	1 29	18 38	6 14	15 9	15 41	17 34	3 2	6 31
S 15	2 17	7 42	2 21	12 20	1 33	16 16	1 1	23 7	0 2	14 45	0 58	6 35	1 55	4 19	0 42	10 10	1 29	18 38	6 14	15 7	15 40	17 33	3 4	6 31
S 16	1 54	11 36	1 15	11 54	1 39	16 0	0 57	23 6	0 3	14 49	0 58	6 37	1 55	4 20	0 42	10 11	1 29	18 39	6 14	15 6	15 39	17 32	3 6	6 30
M17	1 30	14 58	0 3	11 28	1 44	15 45	0 53	23 5	0 4	14 52	0 58	6 39	1 55	4 21	0 41	10 12	1 29	18 39	6 14	15 6	15 38	17 31	3 8	6 30
T 18	1 6	17 34	1s10	11 0	1 49	15 28	0 48	23 4	0 5	14 56	0 57	6 41	1 55	4 23	0 41	10 13	1 29	18 40	6 14	15 6	15 37	17 30	3 10	6 29
W19	0 42	19 11	2 19	10 32	1 53	15 12	0 44	23 2	0 6	15 0	0 57	6 42	1 55	4 24	0 41	10 13	1 29	18 40	6 14	15 6	15 36	17 28	3 12	6 29
T 20	0 18	19 40	3 22	10 2	1 57	14 55	0 40	23 1	0 7	15 4	0 57	6 44	1 55	4 25	0 41	10 14	1 29	18 40	6 14	15 7	15 35	17 27	3 14	6 29
F 21	0n 5	18 56	4 13	9 31	2 1	14 37	0 36	22 59	0 8	15 7	0 57	6 46	1 55	4 27	0 41	10 15	1 29	18 41	6 14	15 7	15 34	17 26	3 16	6 28
S 22	0 29	17 1	4 50	8 59	2 4	14 19	0 32	22 57	0 9	15 11	0 57	6 48	1 55	4 28	0 41	10 15	1 29	18 41	6 14	15 6	15 33	17 25	3 17	6 28
S 23	0 53	14 1	5 8	8 26	2 7	14 1	0 28	22 55	0 11	15 15	0 57	6 50	1 55	4 29	0 41	10 16	1 29	18 41	6 14	15 5	15 32	17 23	3 19	6 27
M24	1 17	10 11	5 7	7 52	2 9	13 42	0 24	22 53	0 12	15 19	0 56	6 52	1 55	4 30	0 41	10 17	1 29	18 42	6 14	15 4	15 31	17 22	3 21	6 27
T 25	1 40	5 45	4 47	7 17	2 12	13 23	0 20	22 51	0 13	15 23	0 56	6 53	1 55	4 32	0 41	10 18	1 29	18 42	6 14	15 2	15 31	17 21	3 23	6 26
W26	2 4	1 2	4 9	6 41	2 13	13 4	0 16	22 48	0 14	15 26	0 56	6 55	1 55	4 33	0 41	10 18	1 29	18 42	6 14	15 0	15 30	17 20	3 25	6 25
T 27	2 28	3s41	3 17	6 4	2 14	12 44	0 12	22 46	0 15	15 30	0 56	6 57	1 55	4 34	0 41	10 19	1 29	18 43	6 14	14 59	15 29	17 18	3 27	6 25
F 28	2 51	8 7	2 13	5 27	2 15	12 24	0 8	22 43	0 16	15 34	0 56	6 58	1 55	4 36	0 41	10 20	1 29	18 43	6 14	14 58	15 28	17 17	3 28	6 24
S 29	3 15	12 2	1 4	4 48	2 16	12 3	0 4	22 40	0 18	15 38	0 56	7 0	1 55	4 37	0 41	10 21	1 29	18 43	6 14	14 57	15 27	17 16	3 30	6 24
S 30	3 38	15 15	0n 8	4 8	2 16	11 42	0 1	22 37	0 19	15 42	0 56	7 2	1 55	4 38	0 41	10 21	1 29	18 44	6 14	14 57	15 26	17 15	3 32	6 23
M31	4n 2	17s37	1n17	3s27	2s15	11s21	0s 3	22s34	0s20	15n45	0s55	7n 3	1n55	4n40	0s41	10n22	1s29	18n44	6n13	14s57	15s25	17s13	3n34	6s23

Julian Day Number = 2884781.5, Delta T = 01h16m55s
Ecliptic obliquity = 23°17'03, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°21'08, Lahiri = 40°28'08

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ASTRODIENST EPHEMERIS for the year 3186
geocentric

APRIL 3186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 38 6	11♈14'08	7♐18	28♓14	1♓28	17♑20	16♉39	16°R27	13♈34	1♉ 3	25°R40	10♏46	12♏12	19♑20	5°R15	T 1
W 2	12 42 2	12°14'00	19°30	29°58	2°40	17°55	16°52	16♍23	13°37	1° 6	25♌39	10°47	12° 8	19°27	5♍12	W 2
T 3	12 45 59	13°13'50	1♑30	1♈44	3°51	18°30	17° 5	16°19	13°41	1° 8	25°39	10°49	12° 5	19°33	5° 9	T 3
F 4	12 49 55	14°13'39	13°24	3°31	5° 2	19° 5	17°19	16°15	13°44	1°10	25°38	10°R50	12° 2	19°40	5° 6	F 4
S 5	12 53 52	15°13'26	25°16	5°19	6°14	19°40	17°32	16°11	13°48	1°12	25°37	10°49	11°59	19°47	5° 3	S 5
S 6	12 57 49	16°13'11	7♒11	7° 8	7°25	20°14	17°45	16° 7	13°51	1°14	25°36	10°47	11°56	19°54	5° 0	S 6
M 7	13 1 45	17°12'55	19°14	8°59	8°37	20°49	17°59	16° 3	13°55	1°17	25°35	10°45	11°53	20° 0	4°57	M 7
T 8	13 5 42	18°12'36	1♓28	10°51	9°49	21°24	18°12	15°59	13°58	1°19	25°34	10°41	11°49	20° 7	4°54	T 8
W 9	13 9 38	19°12'16	13°56	12°44	11° 0	21°58	18°26	15°56	14° 1	1°21	25°34	10°38	11°46	20°14	4°52	W 9
T 10	13 13 35	20°11'55	26°42	14°38	12°12	22°32	18°39	15°52	14° 5	1°23	25°33	10°35	11°43	20°20	4°49	T 10
F 11	13 17 31	21°11'31	9♈44	16°33	13°24	23° 7	18°53	15°48	14° 8	1°25	25°32	10°32	11°40	20°27	4°47	F 11
S 12	13 21 28	22°11'06	23° 3	18°30	14°35	23°41	19° 6	15°45	14°12	1°28	25°32	10°30	11°37	20°34	4°44	S 12
S 13	13 25 24	23°10'38	6♉38	20°28	15°47	24°15	19°20	15°42	14°15	1°30	25°31	10°D29	11°34	20°41	4°42	S 13
M14	13 29 21	24°10'09	20°26	22°27	16°59	24°49	19°34	15°38	14°19	1°32	25°30	10°30	11°30	20°47	4°40	M14
T 15	13 33 17	25° 9'38	4♊25	24°26	18°11	25°23	19°48	15°35	14°22	1°35	25°30	10°30	11°27	20°54	4°38	T 15
W16	13 37 14	26° 9'04	18°32	26°27	19°23	25°57	20° 1	15°32	14°25	1°37	25°29	10°32	11°24	21° 1	4°36	W16
T 17	13 41 11	27° 8'28	2♋43	28°29	20°35	26°30	20°15	15°29	14°29	1°39	25°29	10°33	11°21	21° 7	4°34	T 17
F 18	13 45 7	28° 7'50	16°56	0♉32	21°47	27° 4	20°29	15°26	14°32	1°41	25°28	10°33	11°18	21°14	4°32	F 18
S 19	13 49 4	29° 7'10	1♌ 9	2°35	22°59	27°38	20°43	15°23	14°35	1°44	25°28	10°R34	11°14	21°21	4°31	S 19
S 20	13 53 0	0♉ 6'28	15°19	4°38	24°11	28°11	20°57	15°21	14°39	1°46	25°27	10°33	11°11	21°28	4°29	S 20
M21	13 56 57	1° 5'43	29°24	6°42	25°23	28°44	21°11	15°18	14°42	1°48	25°27	10°32	11° 8	21°34	4°28	M21
T 22	14 0 53	2° 4'55	13♍22	8°45	26°35	29°17	21°25	15°15	14°45	1°50	25°26	10°31	11° 5	21°41	4°26	T 22
W23	14 4 50	3° 4'06	27°10	10°49	27°47	29°51	21°39	15°13	14°49	1°53	25°26	10°30	11° 2	21°48	4°25	W23
T 24	14 8 46	4° 3'14	10♎47	12°52	28°59	0♒23	21°53	15°11	14°52	1°55	25°25	10°30	10°59	21°54	4°24	T 24
F 25	14 12 43	5° 2'20	24°10	14°53	0♈12	0°56	22° 7	15° 8	14°55	1°57	25°25	10°29	10°55	22° 1	4°23	F 25
S 26	14 16 40	6° 1'25	7♏18	16°54	1°24	1°29	22°21	15° 6	14°58	2° 0	25°25	10°D29	10°52	22° 8	4°22	S 26
S 27	14 20 36	7° 0'27	20°10	18°53	2°36	2° 2	22°35	15° 4	15° 2	2° 2	25°25	10°29	10°49	22°15	4°21	S 27
M28	14 24 33	7°59'27	2♐47	20°50	3°48	2°34	22°50	15° 2	15° 5	2° 4	25°24	10°29	10°46	22°21	4°21	M28
T 29	14 28 29	8°58'26	15° 9	22°44	5° 1	3° 7	23° 4	15° 0	15° 8	2° 6	25°24	10°29	10°43	22°28	4°20	T 29
W30	14 32 26	9♉57'23	27♐20	24♉36	6♈13	3♒39	23♉18	14♍58	15♈11	2♉ 9	25♌24	10♏30	10♏39	22♑35	4♍19	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n25	19s 5	2n21	2s45	2s14	10s59	0s 7	22s31	0s21	15n49	0s55	7n 5	1n55	4n41	0s41	10n23	1s29	18n44	6n13	14s57	15s24	17s12	3n35	6s22
W 2	4 48	19 36	3 17	2 3	2 13	10 37	0 10	22 28	0 23	15 53	0 55	7 7	1 55	4 42	0 41	10 24	1 29	18 44	6 13	14 58	15 23	17 11	3 37	6 21
T 3	5 11	19 13	4 3	1 19	2 11	10 15	0 14	22 25	0 24	15 57	0 55	7 8	1 55	4 44	0 41	10 24	1 29	18 45	6 13	14 58	15 22	17 10	3 39	6 21
F 4	5 35	17 59	4 39	0 35	2 9	9 52	0 17	22 21	0 25	16 1	0 55	7 10	1 55	4 45	0 41	10 25	1 29	18 45	6 13	14 59	15 21	17 8	3 41	6 20
S 5	5 57	15 59	5 3	0n10	2 6	9 30	0 21	22 17	0 26	16 5	0 55	7 11	1 55	4 46	0 41	10 26	1 29	18 45	6 13	14 58	15 20	17 7	3 42	6 19
S 6	6 20	13 18	5 13	0 56	2 3	9 6	0 24	22 14	0 28	16 8	0 55	7 13	1 55	4 48	0 41	10 27	1 29	18 45	6 13	14 58	15 19	17 6	3 44	6 19
M 7	6 43	10 2	5 11	1 43	1 59	8 43	0 28	22 10	0 29	16 12	0 54	7 14	1 55	4 49	0 41	10 27	1 29	18 46	6 13	14 57	15 18	17 5	3 45	6 18
T 8	7 6	6 18	4 54	2 30	1 55	8 19	0 31	22 6	0 31	16 16	0 54	7 16	1 55	4 50	0 41	10 28	1 29	18 46	6 13	14 56	15 17	17 3	3 47	6 17
W 9	7 28	2 14	4 23	3 18	1 50	7 55	0 34	22 2	0 32	16 20	0 54	7 17	1 55	4 52	0 41	10 29	1 29	18 46	6 13	14 55	15 16	17 2	3 49	6 17
T 10	7 51	2n 2	3 38	4 7	1 45	7 31	0 37	21 58	0 33	16 24	0 54	7 18	1 55	4 53	0 41	10 30	1 29	18 46	6 13	14 54	15 15	17 1	3 50	6 16
F 11	8 13	6 19	2 42	4 57	1 39	7 7	0 41	21 53	0 35	16 28	0 54	7 20	1 55	4 54	0 41	10 30	1 29	18 46	6 13	14 53	15 14	17 0	3 52	6 15
S 12	8 35	10 22	1 35	5 47	1 33	6 42	0 44	21 49	0 36	16 31	0 54	7 21	1 55	4 56	0 41	10 31	1 29	18 46	6 13	14 53	15 13	16 58	3 53	6 15
S 13	8 57	13 59	0 21	6 37	1 26	6 17	0 47	21 45	0 38	16 35	0 54	7 22	1 55	4 57	0 41	10 32	1 29	18 47	6 13	14 52	15 12	16 57	3 55	6 14
M14	9 19	16 52	0s55	7 28	1 18	5 52	0 49	21 40	0 39	16 39	0 54	7 23	1 55	4 58	0 41	10 33	1 29	18 47	6 13	14 52	15 11	16 56	3 56	6 13
T 15	9 40	18 47	2 8	8 19	1 11	5 27	0 52	21 36	0 41	16 43	0 53	7 24	1 54	5 0	0 41	10 34	1 29	18 47	6 13	14 53	15 10	16 54	3 57	6 13
W16	10 2	19 33	3 15	9 10	1 2	5 1	0 55	21 31	0 42	16 47	0 53	7 26	1 54	5 1	0 41	10 34	1 29	18 47	6 12	14 53	15 9	16 53	3 59	6 12
T 17	10 23	19 5	4 10	10 2	0 54	4 36	0 58	21 26	0 44	16 50	0 53	7 27	1 54	5 2	0 41	10 35	1 29	18 47	6 12	14 53	15 8	16 52	4 0	6 11
F 18	10 44	17 25	4 50	10 53	0 45	4 10	1 0	21 21	0 45	16 54	0 53	7 28	1 54	5 3	0 41	10 36	1 29	18 47	6 12	14 54	15 7	16 50	4 1	6 10
S 19	11 5	14 41	5 12	11 44	0 35	3 44	1 3	21 16	0 47	16 58	0 53	7 29	1 54	5 5	0 41	10 37	1 29	18 47	6 12	14 54	15 6	16 49	4 3	6 10
S 20	11 26	11 6	5 15	12 35	0 25	3 18	1 5	21 11	0 49	17 2	0 53	7 30	1 54	5 6	0 41	10 37	1 29	18 47	6 12	14 54	15 5	16 48	4 4	6 9
M21	11 47	6 55	5 0	13 26	0 15	2 52	1 8	21 6	0 50	17 5	0 53	7 31	1 54	5 7	0 41	10 38	1 29	18 47	6 12	14 53	15 4	16 47	4 5	6 8
T 22	12 7	2 24	4 26	14 16	0 4	2 25	1 10	21 1	0 52	17 9	0 53	7 32	1 54	5 9	0 41	10 39	1 29	18 48	6 12	14 53	15 3	16 45	4 6	6 7
W23	12 27	2s13	3 38	15 5	0n 7	1 59	1 12	20 56	0 54	17 13	0 53	7 32	1 54	5 10	0 41	10 40	1 29	18 48	6 12	14 53	15 2	16 44	4 8	6 6
T 24	12 47	6 39	2 37	15 53	0 18	1 32	1 15	20 50	0 55	17 16	0 52	7 33	1 54	5 11	0 41	10 41	1 29	18 48	6 12	14 52	15 1	16 43	4 9	6 6
F 25	13 7	10 42	1 29	16 40	0 29	1 6	1 17	20 45	0 57	17 20	0 52	7 34	1 54	5 12	0 41	10 41	1 29	18 48	6 12	14 52	15 0	16 41	4 10	6 5
S 26	13 27	14 8	0 18	17 25	0 40	0 39	1 19	20 39	0 59	17 24	0 52	7 35	1 54	5 14	0 41	10 42	1 29	18 48	6 12	14 52	14 59	16 40	4 11	6 4
S 27	13 46	16 49	0n53	18 9	0 51	0 12	1 21	20 34	1 1	17 27	0 52	7 35	1 53	5 15	0 41	10 43	1 29	18 48	6 12	14 52	14 58	16 39	4 12	6 3
M28	14 5	18 36	2 1	18 51	1 3	0n14	1 23	20 28	1 2	17 31	0 52	7 36	1 53	5 16	0 41	10 44	1 29	18 48	6 11	14 52	14 57	16 37	4 13	6 3
T 29	14 24	19 28	3 1	19 31	1 13	0 41	1 24	20 23	1 4	17 35	0 52	7 37	1 53	5 17	0 41	10 44	1 29	18 48	6 11	14 52	14 56	16 36	4 14	6 2
W30	14n42	19s24	3n52	20n 9	1n24	1n 8	1s26	20s17	1s 6	17n38	0s52	7n37	1n53	5n18	0s41	10n45	1s29	18n48	6n11	14s52	14s55	16s35	4n15	6s 1

Julian Day Number = 2884812.5, Delta T = 01h16m55s
Ecliptic obliquity = 23°17'03, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°21'12, Lahiri = 40°28'12

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ASTRODIENST EPHEMERIS for the year 3186
geocentric

MAY 3186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 36 22	10♉56'18	9♋20	26♉25	7♈25	4♒11	23♉32	14°R57	15♈15	2♉11	25°R24	10°R30	10♏36	22♋41	4°R19	T 1
F 2	14 40 19	11°55'11	21°15	28°10	8°38	4°43	23°46	14♍55	15°18	2°13	25♌23	10♏29	10°33	22°48	4♍19	F 2
S 3	14 44 15	12°54'03	3♒ 7	29°52	9°50	5°15	24° 1	14°54	15°21	2°15	25°23	10°29	10°30	22°55	4°19	S 3
S 4	14 48 12	13°52'53	15° 3	1♊29	11° 3	5°46	24°15	14°52	15°24	2°18	25°23	10°D29	10°27	23° 2	4°D18	S 4
M 5	14 52 9	14°51'41	27° 5	3° 3	12°15	6°18	24°29	14°51	15°27	2°20	25°23	10°29	10°24	23° 8	4°18	M 5
T 6	14 56 5	15°50'28	9♓19	4°32	13°27	6°49	24°44	14°50	15°30	2°22	25°23	10°30	10°20	23°15	4°19	T 6
W 7	15 0 2	16°49'13	21°49	5°56	14°40	7°21	24°58	14°49	15°33	2°24	25°23	10°30	10°17	23°22	4°19	W 7
T 8	15 3 58	17°47'56	4♈39	7°16	15°52	7°52	25°12	14°48	15°36	2°26	25°D23	10°31	10°14	23°28	4°19	T 8
F 9	15 7 55	18°46'38	17°49	8°31	17° 5	8°23	25°27	14°47	15°39	2°29	25°23	10°32	10°11	23°35	4°20	F 9
S 10	15 11 51	19°45'17	1♉23	9°41	18°18	8°53	25°41	14°46	15°42	2°31	25°23	10°32	10° 8	23°42	4°20	S 10
S 11	15 15 48	20°43'55	15°17	10°45	19°30	9°24	25°55	14°46	15°45	2°33	25°23	10°R32	10° 5	23°49	4°21	S 11
M12	15 19 44	21°42'32	29°30	11°44	20°43	9°54	26°10	14°45	15°48	2°35	25°23	10°32	10° 1	23°55	4°22	M12
T 13	15 23 41	22°41'06	13♊57	12°38	21°55	10°25	26°24	14°45	15°51	2°37	25°23	10°31	9°58	24° 2	4°23	T 13
W14	15 27 38	23°39'39	28°31	13°27	23° 8	10°55	26°39	14°44	15°54	2°40	25°24	10°29	9°55	24° 9	4°23	W14
T 15	15 31 34	24°38'09	13♋ 8	14°10	24°20	11°24	26°53	14°44	15°57	2°42	25°24	10°28	9°52	24°15	4°25	T 15
F 16	15 35 31	25°36'38	27°41	14°47	25°33	11°54	27° 7	14°D44	16° 0	2°44	25°24	10°26	9°49	24°22	4°26	F 16
S 17	15 39 27	26°35'04	12♌ 4	15°19	26°46	12°23	27°22	14°44	16° 3	2°46	25°24	10°25	9°45	24°29	4°27	S 17
S 18	15 43 24	27°33'28	26°15	15°45	27°58	12°53	27°36	14°44	16° 5	2°48	25°24	10°D24	9°42	24°36	4°29	S 18
M19	15 47 20	28°31'50	10♍12	16° 6	29°11	13°22	27°51	14°44	16° 8	2°50	25°25	10°25	9°39	24°42	4°30	M19
T 20	15 51 17	29°30'10	23°53	16°21	0♉24	13°50	28° 5	14°45	16°11	2°52	25°25	10°26	9°36	24°49	4°32	T 20
W21	15 55 13	0♊28'28	7♎19	16°30	1°36	14°19	28°19	14°45	16°13	2°54	25°25	10°27	9°33	24°56	4°33	W21
T 22	15 59 10	1°26'44	20°31	16°R34	2°49	14°47	28°34	14°46	16°16	2°56	25°26	10°28	9°30	25° 2	4°35	T 22
F 23	16 3 7	2°24'58	3♏30	16°33	4° 2	15°15	28°48	14°46	16°19	2°58	25°26	10°29	9°26	25° 9	4°37	F 23
S 24	16 7 3	3°23'11	16°16	16°27	5°14	15°43	29° 2	14°47	16°21	3° 1	25°27	10°R29	9°23	25°16	4°39	S 24
S 25	16 11 0	4°21'21	28°50	16°16	6°27	16°11	29°17	14°48	16°24	3° 3	25°27	10°28	9°20	25°23	4°41	S 25
M26	16 14 56	5°19'30	11♐13	16° 0	7°40	16°38	29°31	14°49	16°26	3° 5	25°27	10°26	9°17	25°29	4°44	M26
T 27	16 18 53	6°17'38	23°26	15°40	8°52	17° 5	29°45	14°50	16°29	3° 7	25°28	10°22	9°14	25°36	4°46	T 27
W28	16 22 49	7°15'44	5♑31	15°16	10° 5	17°32	29°59	14°51	16°31	3° 8	25°29	10°18	9°11	25°43	4°48	W28
T 29	16 26 46	8°13'48	17°29	14°49	11°18	17°59	0♊14	14°52	16°34	3°10	25°29	10°13	9° 7	25°49	4°51	T 29
F 30	16 30 42	9°11'51	29°23	14°19	12°31	18°25	0°28	14°54	16°36	3°12	25°30	10° 9	9° 4	25°56	4°53	F 30
S 31	16 34 39	10♊ 9'52	11♒15	13♊47	13♉43	18♒51	0♊43	14♍55	16♈39	3♉14	25♌30	10♏ 5	9♏ 1	26♋ 3	4♍56	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 1	18s26	4n32	20n45	1n34	1n35	1s28	20s11	1s 8	17n42	0s52	7n38	1n53	5n20	0s41	10n46	1s29	18n48	6n11	14s52	14s54	16s33	4n16	6s 0
F 2	15 19	16 41	5 0	21 19	1 44	2 2	1 29	20 5	1 10	17 46	0 52	7 38	1 53	5 21	0 41	10 47	1 29	18 48	6 11	14 52	14 54	16 32	4 17	5 59
S 3	15 37	14 14	5 15	21 50	1 53	2 29	1 31	20 0	1 12	17 49	0 52	7 39	1 53	5 22	0 41	10 47	1 29	18 48	6 11	14 52	14 53	16 31	4 17	5 59
S 4	15 54	11 10	5 16	22 19	2 2	2 56	1 32	19 54	1 14	17 53	0 52	7 39	1 53	5 23	0 41	10 48	1 29	18 48	6 11	14 52	14 52	16 29	4 18	5 58
M 5	16 11	7 38	5 4	22 45	2 10	3 22	1 33	19 48	1 16	17 56	0 52	7 40	1 53	5 24	0 41	10 49	1 29	18 48	6 11	14 52	14 51	16 28	4 19	5 57
T 6	16 28	3 43	4 38	23 9	2 17	3 49	1 35	19 42	1 18	18 0	0 51	7 40	1 52	5 26	0 42	10 50	1 29	18 47	6 11	14 52	14 50	16 27	4 20	5 56
W 7	16 45	0n26	3 58	23 31	2 23	4 16	1 36	19 36	1 20	18 3	0 51	7 40	1 52	5 27	0 42	10 50	1 29	18 47	6 11	14 53	14 49	16 25	4 20	5 55
T 8	17 2	4 41	3 6	23 50	2 29	4 43	1 37	19 30	1 22	18 7	0 51	7 41	1 52	5 28	0 42	10 51	1 29	18 47	6 11	14 53	14 48	16 24	4 21	5 55
F 9	17 18	8 50	2 3	24 7	2 34	5 9	1 38	19 24	1 24	18 10	0 51	7 41	1 52	5 29	0 42	10 52	1 29	18 47	6 10	14 53	14 47	16 23	4 21	5 54
S 10	17 34	12 40	0 51	24 21	2 37	5 36	1 39	19 18	1 26	18 14	0 51	7 41	1 52	5 30	0 42	10 53	1 29	18 47	6 10	14 53	14 46	16 21	4 22	5 53
S 11	17 49	15 54	0s26	24 33	2 40	6 3	1 40	19 12	1 28	18 17	0 51	7 41	1 52	5 31	0 42	10 53	1 29	18 47	6 10	14 53	14 45	16 20	4 23	5 52
M12	18 4	18 14	1 43	24 43	2 42	6 29	1 40	19 6	1 30	18 20	0 51	7 41	1 52	5 32	0 42	10 54	1 29	18 47	6 10	14 53	14 44	16 19	4 23	5 51
T 13	18 19	19 26	2 55	24 51	2 42	6 55	1 41	19 0	1 32	18 24	0 51	7 41	1 52	5 33	0 42	10 55	1 29	18 47	6 10	14 53	14 43	16 17	4 23	5 51
W14	18 34	19 21	3 55	24 56	2 42	7 21	1 42	18 54	1 35	18 27	0 51	7 41	1 51	5 35	0 42	10 55	1 29	18 47	6 10	14 52	14 42	16 16	4 24	5 50
T 15	18 48	17 59	4 41	25 0	2 40	7 47	1 42	18 48	1 37	18 31	0 51	7 41	1 51	5 36	0 42	10 56	1 29	18 46	6 10	14 52	14 41	16 14	4 24	5 49
F 16	19 2	15 27	5 8	25 1	2 37	8 13	1 43	18 42	1 39	18 34	0 51	7 41	1 51	5 37	0 42	10 57	1 29	18 46	6 10	14 51	14 40	16 13	4 25	5 48
S 17	19 16	12 0	5 16	25 1	2 33	8 39	1 43	18 36	1 42	18 37	0 51	7 41	1 51	5 38	0 42	10 58	1 29	18 46	6 10	14 51	14 39	16 12	4 25	5 47
S 18	19 29	7 55	5 4	24 58	2 28	9 5	1 43	18 30	1 44	18 40	0 51	7 41	1 51	5 39	0 42	10 58	1 29	18 46	6 10	14 51	14 38	16 10	4 25	5 46
M19	19 42	3 27	4 34	24 54	2 21	9 30	1 43	18 24	1 46	18 44	0 51	7 41	1 51	5 40	0 42	10 59	1 29	18 46	6 9	14 51	14 37	16 9	4 25	5 46
T 20	19 55	1s 6	3 50	24 48	2 14	9 55	1 44	18 18	1 49	18 47	0 51	7 40	1 51	5 41	0 42	11 0	1 29	18 45	6 9	14 51	14 36	16 8	4 26	5 45
W21	20 7	5 32	2 53	24 40	2 5	10 20	1 44	18 12	1 51	18 50	0 50	7 40	1 51	5 42	0 42	11 0	1 29	18 45	6 9	14 52	14 35	16 6	4 26	5 44
T 22	20 19	9 38	1 48	24 31	1 55	10 45	1 44	18 6	1 54	18 53	0 50	7 40	1 50	5 43	0 42	11 1	1 29	18 45	6 9	14 52	14 34	16 5	4 26	5 43
F 23	20 31	13 12	0 38	24 19	1 43	11 9	1 43	18 0	1 56	18 57	0 50	7 39	1 50	5 44	0 42	11 2	1 29	18 45	6 9	14 52	14 33	16 3	4 26	5 42
S 24	20 42	16 5	0n32	24 7	1 31	11 34	1 43	17 55	1 59	19 0	0 50	7 39	1 50	5 45	0 42	11 2	1 29	18 45	6 9	14 52	14 32	16 2	4 26	5 42
S 25	20 53	18 9	1 39	23 52	1 18	11 58	1 43	17 49	2 1	19 3	0 50	7 38	1 50	5 46	0 42	11 3	1 29	18 44	6 9	14 52	14 31	16 1	4 26	5 41
M26	21 3	19 19	2 41	23 36	1 3	12 21	1 43	17 43	2 4	19 6	0 50	7 38	1 50	5 47	0 42	11 4	1 29	18 44	6 9	14 51	14 30	15 59	4 26	5 40
T 27	21 13	19 33	3 34	23 19	0 48	12 45	1 42	17 37	2 7	19 9	0 50	7 37	1 50	5 48	0 42	11 4	1 29	18 44	6 9	14 50	14 29	15 58	4 26	5 39
W28	21 23	18 53	4 17	23 1	0 32	13 8	1 42	17 32	2 9	19 12	0 50	7 37	1 50	5 49	0 42	11 5	1 29	18 44	6 9	14 49	14 28	15 56	4 26	5 38
T 29	21 32	17 23	4 48	22 41	0 15	13 31	1 41	17 26	2 12	19 15	0 50	7 36	1 49	5 49	0 42	11 6	1 29	18 43	6 9	14 47	14 27	15 55	4 25	5 38
F 30	21 41	15 8	5 7	22 20	0s 2	13 54	1 40	17 21	2 15	19 18	0 50	7 36	1 49	5 50	0 42	11 6	1 29	18 43	6 8	14 46	14 26	15 54	4 25	5 37
S 31	21n50	12s16	5n12	21n59	0s19	14n16	1s40	17s15	2s17	19n21	0s50	7n35	1n49	5n51	0s42	11n 7	1s29	18n43	6n 8	14s45	14s25	15s52	4n25	5s36

Julian Day Number = 2884842.5, Delta T = 01h16m56s
Ecliptic obliquity = 23°17'02, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°21'16, Lahiri = 40°28'17

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ASTRODIENST EPHEMERIS for the year 3186
geocentric

JUNE 3186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 38 36	11♊ 7'52	23♒10	13°R13	14♉56	19♒17	0♊57	14♍57	16♈41	3♉16	25♌31	10°R 2	8♏58	26♑10	4♍59	S 1
M 2	16 42 32	12° 5'51	5♓10	12♊38	16° 9	19°43	1°11	14°59	16°43	3°18	25°32	10♏ 0	8°55	26°16	5° 2	M 2
T 3	16 46 29	13° 3'49	17°22	12° 2	17°22	20° 8	1°25	15° 0	16°45	3°20	25°32	10°D 0	8°51	26°23	5° 5	T 3
W 4	16 50 25	14° 1'45	29°50	11°27	18°35	20°33	1°40	15° 2	16°48	3°22	25°33	10° 1	8°48	26°30	5° 8	W 4
T 5	16 54 22	14°59'41	12♈37	10°52	19°47	20°57	1°54	15° 4	16°50	3°24	25°34	10° 3	8°45	26°37	5°11	T 5
F 6	16 58 18	15°57'35	25°48	10°19	21° 0	21°21	2° 8	15° 6	16°52	3°25	25°34	10° 4	8°42	26°43	5°15	F 6
S 7	17 2 15	16°55'28	9♉24	9°47	22°13	21°45	2°22	15° 9	16°54	3°27	25°35	10°R 5	8°39	26°50	5°18	S 7
S 8	17 6 11	17°53'19	23°28	9°18	23°26	22° 9	2°36	15°11	16°56	3°29	25°36	10° 4	8°36	26°57	5°22	S 8
M 9	17 10 8	18°51'10	7♊55	8°52	24°39	22°32	2°50	15°13	16°58	3°31	25°37	10° 2	8°32	27° 3	5°25	M 9
T 10	17 14 5	19°48'59	22°43	8°30	25°52	22°55	3° 4	15°16	17° 0	3°32	25°38	9°57	8°29	27°10	5°29	T 10
W11	17 18 1	20°46'47	7♋42	8°10	27° 5	23°17	3°18	15°18	17° 2	3°34	25°39	9°52	8°26	27°17	5°33	W11
T 12	17 21 58	21°44'34	22°43	7°55	28°18	23°39	3°32	15°21	17° 4	3°36	25°39	9°46	8°23	27°24	5°37	T 12
F 13	17 25 54	22°42'19	7♌39	7°44	29°30	24° 1	3°46	15°24	17° 6	3°37	25°40	9°40	8°20	27°30	5°40	F 13
S 14	17 29 51	23°40'02	22°20	7°37	0♊43	24°22	4° 0	15°27	17° 8	3°39	25°41	9°35	8°17	27°37	5°45	S 14
S 15	17 33 47	24°37'44	6♍42	7°D34	1°56	24°42	4°14	15°30	17° 9	3°41	25°42	9°32	8°13	27°44	5°49	S 15
M16	17 37 44	25°35'25	20°41	7°36	3° 9	25° 3	4°28	15°33	17°11	3°42	25°43	9°D30	8°10	27°50	5°53	M16
T 17	17 41 40	26°33'04	4♎17	7°43	4°22	25°23	4°42	15°36	17°13	3°44	25°44	9°31	8° 7	27°57	5°57	T 17
W18	17 45 37	27°30'42	17°33	7°53	5°35	25°42	4°56	15°39	17°15	3°45	25°45	9°32	8° 4	28° 4	6° 2	W18
T 19	17 49 34	28°28'18	0♏29	8° 9	6°48	26° 1	5° 9	15°43	17°16	3°47	25°46	9°33	8° 1	28°11	6° 6	T 19
F 20	17 53 30	29°25'53	13°11	8°28	8° 1	26°20	5°23	15°46	17°18	3°48	25°47	9°R33	7°57	28°17	6°11	F 20
S 21	17 57 27	0♋23'26	25°39	8°52	9°14	26°38	5°37	15°50	17°19	3°50	25°48	9°32	7°54	28°24	6°15	S 21
S 22	18 1 23	1°20'59	7♐57	9°21	10°27	26°56	5°50	15°53	17°21	3°51	25°50	9°28	7°51	28°31	6°20	S 22
M23	18 5 20	2°18'30	20° 7	9°53	11°40	27°13	6° 4	15°57	17°22	3°53	25°51	9°22	7°48	28°38	6°25	M23
T 24	18 9 16	3°16'01	2♑10	10°30	12°53	27°29	6°18	16° 1	17°24	3°54	25°52	9°14	7°45	28°44	6°30	T 24
W25	18 13 13	4°13'30	14° 9	11°11	14° 6	27°46	6°31	16° 5	17°25	3°55	25°53	9° 4	7°42	28°51	6°35	W25
T 26	18 17 9	5°10'59	26° 3	11°55	15°19	28° 1	6°45	16° 9	17°26	3°57	25°54	8°54	7°38	28°58	6°40	T 26
F 27	18 21 6	6° 8'26	7♒56	12°44	16°32	28°16	6°58	16°13	17°27	3°58	25°55	8°44	7°35	29° 4	6°45	F 27
S 28	18 25 3	7° 5'53	19°48	13°36	17°45	28°31	7°11	16°17	17°29	3°59	25°57	8°34	7°32	29°11	6°50	S 28
S 29	18 28 59	8° 3'19	1♓43	14°32	18°58	28°45	7°25	16°21	17°30	4° 0	25°58	8°26	7°29	29°18	6°55	S 29
M30	18 32 56	9♋ 0'45	13♓44	15♊31	20♊11	28♒58	7♊38	16♍25	17♈31	4♉ 2	25♌59	8♏21	7♏26	29♑25	7♍ 1	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n58	8s55	5n 4	21n38	0s37	14n38	1s39	17s10	2s20	19n24	0s50	7n34	1n49	5n52	0s42	11n 7	1s29	18n42	6n 8	14s44	14s24	15s51	4n25	5s35
M 2	22 6	5 9	4 43	21 16	0 55	15 0	1 38	17 5	2 23	19 27	0 50	7 33	1 49	5 53	0 42	11 8	1 29	18 42	6 8	14 43	14 23	15 49	4 24	5 35
T 3	22 13	1 8	4 9	20 53	1 12	15 21	1 37	16 59	2 26	19 30	0 50	7 33	1 49	5 54	0 42	11 9	1 29	18 42	6 8	14 43	14 22	15 48	4 24	5 34
W 4	22 20	3n 1	3 22	20 32	1 30	15 42	1 36	16 54	2 29	19 33	0 50	7 32	1 49	5 55	0 42	11 9	1 29	18 41	6 8	14 44	14 21	15 47	4 23	5 33
T 5	22 27	7 10	2 24	20 10	1 47	16 2	1 35	16 49	2 32	19 36	0 50	7 31	1 49	5 55	0 42	11 10	1 29	18 41	6 8	14 44	14 20	15 45	4 23	5 32
F 6	22 33	11 6	1 17	19 49	2 3	16 23	1 34	16 44	2 35	19 38	0 50	7 30	1 48	5 56	0 42	11 10	1 29	18 41	6 8	14 44	14 19	15 44	4 23	5 32
S 7	22 39	14 35	0 4	19 30	2 18	16 42	1 33	16 39	2 38	19 41	0 50	7 29	1 48	5 57	0 42	11 11	1 30	18 40	6 8	14 45	14 17	15 42	4 22	5 31
S 8	22 44	17 21	1s12	19 11	2 33	17 2	1 32	16 35	2 41	19 44	0 50	7 28	1 48	5 58	0 42	11 11	1 30	18 40	6 8	14 44	14 16	15 41	4 21	5 30
M 9	22 49	19 6	2 26	18 53	2 47	17 21	1 30	16 30	2 44	19 47	0 50	7 27	1 48	5 58	0 42	11 12	1 30	18 40	6 8	14 44	14 15	15 40	4 21	5 29
T 10	22 54	19 35	3 31	18 37	3 0	17 39	1 29	16 26	2 47	19 49	0 50	7 26	1 48	5 59	0 42	11 12	1 30	18 39	6 7	14 42	14 14	15 38	4 20	5 29
W11	22 58	18 42	4 22	18 23	3 11	17 57	1 28	16 21	2 51	19 52	0 50	7 25	1 48	6 0	0 42	11 13	1 30	18 39	6 7	14 41	14 13	15 37	4 20	5 28
T 12	23 2	16 31	4 56	18 10	3 22	18 15	1 26	16 17	2 54	19 55	0 50	7 24	1 48	6 1	0 42	11 14	1 30	18 39	6 7	14 39	14 12	15 35	4 19	5 27
F 13	23 5	13 15	5 9	17 59	3 31	18 32	1 25	16 13	2 57	19 57	0 50	7 22	1 47	6 1	0 42	11 14	1 30	18 38	6 7	14 37	14 11	15 34	4 18	5 26
S 14	23 8	9 13	5 1	17 50	3 39	18 49	1 23	16 9	3 1	20 0	0 50	7 21	1 47	6 2	0 42	11 15	1 30	18 38	6 7	14 35	14 10	15 32	4 17	5 26
S 15	23 11	4 44	4 35	17 43	3 46	19 5	1 21	16 5	3 4	20 3	0 50	7 20	1 47	6 3	0 42	11 15	1 30	18 37	6 7	14 34	14 9	15 31	4 17	5 25
M16	23 13	0 6	3 53	17 38	3 52	19 21	1 20	16 2	3 7	20 5	0 50	7 19	1 47	6 3	0 42	11 16	1 30	18 37	6 7	14 34	14 8	15 30	4 16	5 24
T 17	23 14	4s26	2 59	17 34	3 56	19 36	1 18	15 58	3 11	20 8	0 50	7 17	1 47	6 4	0 42	11 16	1 30	18 37	6 7	14 34	14 7	15 28	4 15	5 24
W18	23 16	8 38	1 56	17 32	4 0	19 51	1 16	15 55	3 14	20 10	0 50	7 16	1 47	6 4	0 42	11 16	1 30	18 36	6 7	14 34	14 6	15 27	4 14	5 23
T 19	23 16	12 20	0 49	17 32	4 2	20 5	1 14	15 52	3 18	20 13	0 50	7 14	1 47	6 5	0 42	11 17	1 30	18 36	6 7	14 35	14 5	15 25	4 13	5 22
F 20	23 17	15 23	0n20	17 34	4 3	20 18	1 13	15 49	3 21	20 15	0 50	7 13	1 47	6 6	0 43	11 17	1 30	18 35	6 7	14 35	14 4	15 24	4 12	5 21
S 21	23 17	17 40	1 26	17 37	4 4	20 32	1 11	15 46	3 25	20 17	0 50	7 11	1 47	6 6	0 43	11 18	1 30	18 35	6 7	14 34	14 3	15 22	4 11	5 21
S 22	23 17	19 5	2 27	17 42	4 3	20 44	1 9	15 43	3 29	20 20	0 50	7 10	1 46	6 7	0 43	11 18	1 30	18 34	6 7	14 33	14 2	15 21	4 10	5 20
M23	23 16	19 36	3 20	17 48	4 2	20 56	1 7	15 41	3 32	20 22	0 49	7 8	1 46	6 7	0 43	11 19	1 30	18 34	6 7	14 31	14 1	15 19	4 9	5 19
T 24	23 15	19 12	4 4	17 56	3 59	21 8	1 5	15 39	3 36	20 24	0 49	7 7	1 46	6 8	0 43	11 19	1 30	18 34	6 6	14 29	14 0	15 18	4 8	5 19
W25	23 13	17 57	4 37	18 5	3 56	21 18	1 3	15 37	3 40	20 27	0 49	7 5	1 46	6 8	0 43	11 20	1 30	18 33	6 6	14 26	13 59	15 17	4 6	5 18
T 26	23 11	15 56	4 57	18 15	3 52	21 29	1 1	15 35	3 43	20 29	0 49	7 4	1 46	6 9	0 43	11 20	1 30	18 33	6 6	14 22	13 58	15 15	4 5	5 17
F 27	23 9	13 16	5 4	18 26	3 47	21 38	0 58	15 33	3 47	20 31	0 49	7 2	1 46	6 9	0 43	11 20	1 30	18 32	6 6	14 19	13 57	15 14	4 4	5 17
S 28	23 6	10 3	4 59	18 38	3 41	21 47	0 56	15 32	3 51	20 33	0 49	7 0	1 46	6 10	0 43	11 21	1 30	18 32	6 6	14 16	13 56	15 12	4 3	5 16
S 29	23 2	6 26	4 40	18 50	3 35	21 56	0 54	15 30	3 55	20 35	0 49	6 58	1 46	6 10	0 43	11 21	1 30	18 31	6 6	14 14	13 55	15 11	4 1	5 15
M30	22n59	2s31	4n 9	19n 4	3s28	22n 4	0s52	15s29	3s59	20n38	0s49	6n57	1n45	6n10	0s43	11n21	1s31	18n31	6n 6	14s12	13s54	15s 9	4n 0	5s15

Julian Day Number = 2884873.5, Delta T = 01h16m56s
Ecliptic obliquity = 23°17'01, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°21'20, Lahiri = 40°28'21

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ASTRODIENST EPHEMERIS for the year 3186
geocentric

JULY 3186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 36 52	9♋58'10	25♓54	16♊34	21♊24	29♒11	7♊51	16♍30	17♈32	4♉ 3	26♌ 1	8°R18	7♏23	29♑31	7♍ 6	T 1
W 2	18 40 49	10°55'34	8♈19	17°40	22°37	29°23	8° 4	16°34	17°33	4° 4	26° 2	8°D17	7°19	29°38	7°11	W 2
T 3	18 44 45	11°52'58	21° 2	18°50	23°50	29°34	8°17	16°39	17°34	4° 5	26° 3	8♏17	7°16	29°45	7°17	T 3
F 4	18 48 42	12°50'22	4♉ 8	20° 3	25° 4	29°45	8°30	16°43	17°35	4° 6	26° 4	8°R18	7°13	29°51	7°23	F 4
S 5	18 52 38	13°47'45	17°40	21°20	26°17	29°56	8°43	16°48	17°36	4° 7	26° 6	8°17	7°10	29°58	7°28	S 5
S 6	18 56 35	14°45'08	1♊42	22°40	27°30	0♓ 5	8°56	16°53	17°37	4° 8	26° 7	8°15	7° 7	0♒ 5	7°34	S 6
M 7	19 0 32	15°42'31	16°11	24° 2	28°43	0°14	9° 9	16°58	17°37	4° 9	26° 9	8°11	7° 3	0°12	7°40	M 7
T 8	19 4 28	16°39'53	1♋ 5	25°29	29°56	0°23	9°22	17° 3	17°38	4°10	26°10	8° 4	7° 0	0°18	7°46	T 8
W 9	19 8 25	17°37'15	16°15	26°58	1♋10	0°30	9°35	17° 8	17°39	4°11	26°11	7°55	6°57	0°25	7°52	W 9
T 10	19 12 21	18°34'36	1♌32	28°30	2°23	0°37	9°47	17°13	17°39	4°12	26°13	7°45	6°54	0°32	7°58	T 10
F 11	19 16 18	19°31'57	16°45	0♋ 6	3°36	0°43	10° 0	17°18	17°40	4°13	26°14	7°36	6°51	0°39	8° 4	F 11
S 12	19 20 14	20°29'17	1♍43	1°44	4°49	0°49	10°13	17°23	17°41	4°14	26°16	7°27	6°48	0°45	8°10	S 12
S 13	19 24 11	21°26'36	16°18	3°26	6° 2	0°53	10°25	17°28	17°41	4°15	26°17	7°21	6°44	0°52	8°16	S 13
M14	19 28 8	22°23'55	0♎26	5°11	7°16	0°57	10°37	17°34	17°42	4°15	26°19	7°17	6°41	0°59	8°22	M14
T 15	19 32 4	23°21'13	14° 6	6°58	8°29	1° 1	10°50	17°39	17°42	4°16	26°20	7°16	6°38	1° 5	8°29	T 15
W16	19 36 1	24°18'30	27°21	8°49	9°42	1° 3	11° 2	17°45	17°42	4°17	26°22	7°D15	6°35	1°12	8°35	W16
T 17	19 39 57	25°15'47	10♏12	10°42	10°56	1° 5	11°14	17°50	17°43	4°18	26°23	7°R16	6°32	1°19	8°42	T 17
F 18	19 43 54	26°13'03	22°45	12°37	12° 9	1° 6	11°26	17°56	17°43	4°18	26°25	7°15	6°29	1°26	8°48	F 18
S 19	19 47 50	27°10'19	5♐ 4	14°35	13°22	1°R 6	11°38	18° 2	17°43	4°19	26°26	7°12	6°25	1°32	8°55	S 19
S 20	19 51 47	28° 7'35	17°12	16°36	14°36	1° 6	11°50	18° 7	17°43	4°19	26°28	7° 7	6°22	1°39	9° 1	S 20
M21	19 55 43	29° 4'50	29°13	18°39	15°49	1° 5	12° 2	18°13	17°43	4°20	26°30	6°59	6°19	1°46	9° 8	M21
T 22	19 59 40	0♌ 2'04	11♑ 9	20°43	17° 2	1° 3	12°14	18°19	17°43	4°21	26°31	6°48	6°16	1°52	9°15	T 22
W23	20 3 37	0°59'19	23° 3	22°49	18°16	1° 0	12°26	18°25	17°R43	4°21	26°33	6°36	6°13	1°59	9°21	W23
T 24	20 7 33	1°56'33	4♒55	24°57	19°29	0°57	12°37	18°31	17°43	4°22	26°34	6°22	6° 9	2° 6	9°28	T 24
F 25	20 11 30	2°53'48	16°49	27° 5	20°43	0°52	12°49	18°37	17°43	4°22	26°36	6° 8	6° 6	2°13	9°35	F 25
S 26	20 15 26	3°51'02	28°44	29°15	21°56	0°48	13° 0	18°43	17°43	4°22	26°38	5°56	6° 3	2°19	9°42	S 26
S 27	20 19 23	4°48'17	10♓42	1♌25	23°10	0°42	13°12	18°49	17°43	4°23	26°39	5°45	6° 0	2°26	9°49	S 27
M28	20 23 19	5°45'31	22°47	3°35	24°23	0°35	13°23	18°55	17°43	4°23	26°41	5°37	5°57	2°33	9°56	M28
T 29	20 27 16	6°42'46	5♈ 0	5°45	25°36	0°28	13°34	19° 2	17°42	4°23	26°43	5°33	5°54	2°40	10° 3	T 29
W30	20 31 12	7°40'01	17°26	7°54	26°50	0°21	13°45	19° 8	17°42	4°24	26°44	5°30	5°50	2°46	10°10	W30
T 31	20 35 9	8♌37'17	0♉ 8	10♌ 3	28♋ 4	0♓12	13♊56	19♍14	17♈42	4♉24	26♌46	5♏29	5♏47	2♒53	10♍17	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n55	1n32	3n26	19n17	3s20	22n11	0s49	15s29	4s 3	20n40	0s49	6n55	1n45	6n11	0s43	11n22	1s31	18n30	6n 6	14s11	13s53	15s 8	3n59	5s14
W 2	22 50	5 37	2 33	19 32	3 12	22 18	0 47	15 28	4 7	20 42	0 50	6 53	1 45	6 11	0 43	11 22	1 31	18 30	6 6	14 11	13 52	15 6	3 57	5 14
T 3	22 45	9 33	1 31	19 46	3 3	22 24	0 45	15 28	4 11	20 44	0 50	6 51	1 45	6 11	0 43	11 22	1 31	18 29	6 6	14 11	13 51	15 5	3 56	5 13
F 4	22 40	13 10	0 22	20 1	2 54	22 29	0 43	15 28	4 15	20 46	0 50	6 49	1 45	6 12	0 43	11 23	1 31	18 29	6 6	14 11	13 50	15 3	3 54	5 12
S 5	22 34	16 12	0s50	20 16	2 45	22 34	0 40	15 28	4 19	20 48	0 50	6 47	1 45	6 12	0 43	11 23	1 31	18 28	6 6	14 11	13 49	15 2	3 53	5 12
S 6	22 28	18 23	2 1	20 31	2 35	22 38	0 38	15 28	4 23	20 50	0 50	6 46	1 45	6 12	0 43	11 23	1 31	18 28	6 6	14 10	13 48	15 0	3 51	5 11
M 7	22 22	19 28	3 7	20 45	2 24	22 41	0 35	15 29	4 27	20 52	0 50	6 44	1 45	6 13	0 43	11 24	1 31	18 27	6 6	14 9	13 47	14 59	3 50	5 10
T 8	22 15	19 15	4 2	20 59	2 13	22 44	0 33	15 30	4 31	20 54	0 50	6 42	1 45	6 13	0 43	11 24	1 31	18 27	6 6	14 6	13 46	14 57	3 48	5 10
W 9	22 8	17 39	4 41	21 13	2 2	22 46	0 31	15 31	4 35	20 56	0 50	6 39	1 45	6 13	0 43	11 24	1 31	18 26	6 6	14 4	13 45	14 56	3 46	5 9
T 10	22 0	14 48	5 0	21 26	1 51	22 48	0 28	15 32	4 40	20 57	0 50	6 37	1 44	6 13	0 43	11 24	1 31	18 26	6 6	14 0	13 44	14 54	3 45	5 9
F 11	21 52	10 58	4 58	21 38	1 39	22 49	0 26	15 34	4 44	20 59	0 50	6 35	1 44	6 13	0 43	11 25	1 31	18 25	6 6	13 57	13 43	14 53	3 43	5 8
S 12	21 44	6 30	4 36	21 49	1 27	22 49	0 23	15 36	4 48	21 1	0 50	6 33	1 44	6 14	0 43	11 25	1 31	18 25	6 6	13 55	13 42	14 51	3 41	5 8
S 13	21 35	1 45	3 56	21 59	1 15	22 48	0 21	15 38	4 52	21 3	0 50	6 31	1 44	6 14	0 43	11 25	1 31	18 24	6 6	13 53	13 41	14 50	3 40	5 7
M14	21 26	2s57	3 2	22 8	1 3	22 47	0 18	15 41	4 56	21 4	0 50	6 29	1 44	6 14	0 43	11 25	1 31	18 24	6 6	13 51	13 40	14 48	3 38	5 6
T 15	21 17	7 22	1 59	22 15	0 51	22 45	0 16	15 43	5 0	21 6	0 50	6 27	1 44	6 14	0 43	11 26	1 31	18 23	6 6	13 51	13 39	14 47	3 36	5 6
W16	21 7	11 17	0 52	22 20	0 39	22 43	0 13	15 46	5 5	21 8	0 50	6 25	1 44	6 14	0 43	11 26	1 31	18 22	6 6	13 51	13 38	14 45	3 34	5 5
T 17	20 57	14 32	0n16	22 24	0 27	22 40	0 11	15 50	5 9	21 9	0 50	6 22	1 44	6 14	0 43	11 26	1 31	18 22	6 6	13 51	13 36	14 44	3 32	5 5
F 18	20 46	17 2	1 21	22 26	0 15	22 36	0 8	15 53	5 13	21 11	0 50	6 20	1 44	6 14	0 43	11 26	1 31	18 21	6 6	13 51	13 35	14 42	3 30	5 4
S 19	20 35	18 41	2 21	22 26	0 4	22 31	0 6	15 57	5 17	21 13	0 50	6 18	1 44	6 14	0 43	11 26	1 32	18 21	6 6	13 50	13 34	14 41	3 29	5 4
S 20	20 24	19 27	3 14	22 23	0n 7	22 26	0 3	16 1	5 21	21 14	0 50	6 15	1 44	6 14	0 43	11 26	1 32	18 20	6 6	13 48	13 33	14 39	3 27	5 3
M21	20 13	19 19	3 58	22 18	0 18	22 20	0 1	16 5	5 25	21 16	0 50	6 13	1 44	6 14	0 43	11 27	1 32	18 20	6 6	13 45	13 32	14 38	3 25	5 3
T 22	20 1	18 19	4 31	22 10	0 29	22 14	0n 2	16 9	5 29	21 17	0 50	6 11	1 43	6 14	0 44	11 27	1 32	18 19	6 6	13 42	13 31	14 36	3 23	5 2
W23	19 48	16 32	4 51	22 0	0 39	22 7	0 4	16 14	5 33	21 19	0 50	6 8	1 43	6 14	0 44	11 27	1 32	18 19	6 6	13 38	13 30	14 35	3 21	5 2
T 24	19 36	14 4	5 0	21 48	0 48	21 59	0 7	16 19	5 37	21 20	0 50	6 6	1 43	6 14	0 44	11 27	1 32	18 18	6 6	13 33	13 29	14 33	3 19	5 1
F 25	19 23	11 0	4 55	21 33	0 57	21 51	0 9	16 24	5 41	21 22	0 50	6 4	1 43	6 14	0 44	11 27	1 32	18 17	6 6	13 29	13 28	14 32	3 16	5 1
S 26	19 10	7 31	4 37	21 15	1 6	21 42	0 12	16 29	5 45	21 23	0 50	6 1	1 43	6 14	0 44	11 27	1 32	18 17	6 6	13 25	13 27	14 30	3 14	5 0
S 27	18 56	3 42	4 7	20 54	1 13	21 32	0 14	16 35	5 48	21 24	0 50	5 59	1 43	6 14	0 44	11 27	1 32	18 16	6 6	13 21	13 26	14 29	3 12	5 0
M28	18 43	0n18	3 25	20 32	1 20	21 22	0 16	16 41	5 52	21 26	0 50	5 56	1 43	6 14	0 44	11 27	1 32	18 16	6 6	13 19	13 25	14 27	3 10	4 59
T 29	18 28	4 20	2 34	20 6	1 26	21 11	0 19	16 47	5 56	21 27	0 50	5 54	1 43	6 14	0 44	11 27	1 32	18 15	6 6	13 17	13 24	14 26	3 8	4 59
W30	18 14	8 15	1 34	19 39	1 32	21 0	0 21	16 53	5 59	21 28	0 50	5 51	1 43	6 14	0 44	11 27	1 32	18 15	6 6	13 16	13 23	14 24	3 6	4 58
T 31	17n59	11n53	0n28	19n 9	1n36	20n48	0n23	16s59	6s 3	21n30	0s50	5n49	1n43	6n14	0s44	11n27	1s32	18n14	6n 6	13s16	13s22	14s23	3n 3	4s58

Julian Day Number = 2884903.5, Delta T = 01h16m57s
Ecliptic obliquity = 23°17'01, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°21'25, Lahiri = 40°28'25

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3186
geocentric

AUGUST 3186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 39 6	9♌34'33	13♉10	12♌11	29♋17	0°R 3	14♊ 7	19♍21	17°R41	4♉24	26♌48	5°R29	5♏44	3♒ 0	10♍24	F 1
S 2	20 43 2	10°31'50	26°36	14°19	0♌31	29♒53	14°18	19°27	17♈41	4°24	26°49	5♏29	5°41	3° 6	10°31	S 2
S 3	20 46 59	11°29'07	10♊30	16°25	1°44	29°42	14°29	19°34	17°40	4°24	26°51	5°27	5°38	3°13	10°39	S 3
M 4	20 50 55	12°26'25	24°51	18°30	2°58	29°31	14°39	19°40	17°40	4°25	26°53	5°22	5°35	3°20	10°46	M 4
T 5	20 54 52	13°23'43	9♋37	20°33	4°12	29°19	14°50	19°47	17°39	4°25	26°55	5°15	5°31	3°27	10°53	T 5
W 6	20 58 48	14°21'02	24°44	22°35	5°25	29° 7	15° 0	19°54	17°38	4°25	26°56	5° 6	5°28	3°33	11° 0	W 6
T 7	21 2 45	15°18'21	10♌ 0	24°35	6°39	28°54	15°11	20° 0	17°38	4°R25	26°58	4°55	5°25	3°40	11° 8	T 7
F 8	21 6 41	16°15'41	25°16	26°33	7°53	28°41	15°21	20° 7	17°37	4°25	27° 0	4°45	5°22	3°47	11°15	F 8
S 9	21 10 38	17°13'01	10♍20	28°30	9° 6	28°27	15°31	20°14	17°36	4°25	27° 2	4°36	5°19	3°53	11°23	S 9
S 10	21 14 35	18°10'21	25° 4	0♍25	10°20	28°12	15°41	20°21	17°35	4°25	27° 3	4°29	5°15	4° 0	11°30	S 10
M11	21 18 31	19° 7'41	9♎20	2°19	11°34	27°58	15°51	20°28	17°35	4°24	27° 5	4°24	5°12	4° 7	11°38	M11
T 12	21 22 28	20° 5'02	23° 8	4°10	12°48	27°42	16° 0	20°34	17°34	4°24	27° 7	4°22	5° 9	4°14	11°45	T 12
W13	21 26 24	21° 2'23	6♏27	6° 0	14° 1	27°27	16°10	20°41	17°33	4°24	27° 9	4°D22	5° 6	4°20	11°53	W13
T 14	21 30 21	21°59'45	19°20	7°49	15°15	27°11	16°19	20°48	17°32	4°24	27°10	4°R22	5° 3	4°27	12° 1	T 14
F 15	21 34 17	22°57'06	1♐53	9°35	16°29	26°55	16°29	20°55	17°31	4°24	27°12	4°22	5° 0	4°34	12° 8	F 15
S 16	21 38 14	23°54'28	14° 9	11°20	17°43	26°39	16°38	21° 2	17°29	4°23	27°14	4°20	4°56	4°41	12°16	S 16
S 17	21 42 10	24°51'51	26°13	13° 3	18°57	26°23	16°47	21°10	17°28	4°23	27°16	4°16	4°53	4°47	12°23	S 17
M18	21 46 7	25°49'14	8♑10	14°44	20°11	26° 7	16°56	21°17	17°27	4°23	27°17	4° 9	4°50	4°54	12°31	M18
T 19	21 50 4	26°46'37	20° 3	16°23	21°24	25°50	17° 5	21°24	17°26	4°22	27°19	4° 0	4°47	5° 1	12°39	T 19
W20	21 54 0	27°44'01	1♒55	18° 1	22°38	25°34	17°14	21°31	17°25	4°22	27°21	3°49	4°44	5° 7	12°47	W20
T 21	21 57 57	28°41'26	13°49	19°37	23°52	25°18	17°23	21°38	17°23	4°22	27°23	3°37	4°40	5°14	12°54	T 21
F 22	22 1 53	29°38'51	25°45	21°12	25° 6	25° 1	17°31	21°45	17°22	4°21	27°24	3°26	4°37	5°21	13° 2	F 22
S 23	22 5 50	0♍36'18	7♓46	22°44	26°20	24°45	17°40	21°53	17°21	4°21	27°26	3°15	4°34	5°28	13°10	S 23
S 24	22 9 46	1°33'45	19°53	24°15	27°34	24°29	17°48	22° 0	17°19	4°20	27°28	3° 6	4°31	5°34	13°18	S 24
M25	22 13 43	2°31'13	2♈ 7	25°44	28°48	24°13	17°56	22° 7	17°18	4°19	27°30	2°59	4°28	5°41	13°26	M25
T 26	22 17 39	3°28'42	14°30	27°12	0♍ 2	23°58	18° 4	22°15	17°16	4°19	27°31	2°55	4°25	5°48	13°34	T 26
W27	22 21 36	4°26'12	27° 4	28°38	1°16	23°43	18°12	22°22	17°15	4°18	27°33	2°D54	4°21	5°55	13°41	W27
T 28	22 25 32	5°23'43	9♉52	0♎ 2	2°30	23°28	18°19	22°29	17°13	4°18	27°35	2°54	4°18	6° 1	13°49	T 28
F 29	22 29 29	6°21'16	22°57	1°24	3°44	23°13	18°27	22°37	17°11	4°17	27°37	2°54	4°15	6° 8	13°57	F 29
S 30	22 33 26	7°18'50	6♊22	2°44	4°58	22°59	18°34	22°44	17°10	4°16	27°39	2°R55	4°12	6°15	14° 5	S 30
S 31	22 37 22	8♍16'26	20♊ 9	4♎ 3	6♍12	22♒46	18♊42	22♍52	17♈ 8	4♉15	27♌40	2♏54	4♏ 9	6♒21	14♍13	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n44	15n 3	0s41	18n38	1n40	20n35	0n26	17s 6	6s 6	21n31	0s50	5n46	1n43	6n13	0s44	11n27	1s32	18n13	6n 6	13s16	13s21	14s21	3n 1	4s58
S 2	17 29	17 30	1 49	18 4	1 43	20 22	0 28	17 12	6 9	21 32	0 50	5 44	1 43	6 13	0 44	11 27	1 32	18 13	6 6	13 16	13 20	14 20	2 59	4 57
S 3	17 13	19 1	2 54	17 29	1 45	20 8	0 30	17 19	6 13	21 33	0 50	5 41	1 43	6 13	0 44	11 27	1 32	18 12	6 6	13 15	13 19	14 18	2 57	4 57
M 4	16 58	19 22	3 49	16 52	1 46	19 54	0 33	17 26	6 16	21 34	0 50	5 38	1 43	6 13	0 44	11 27	1 32	18 12	6 6	13 14	13 18	14 17	2 54	4 56
T 5	16 42	18 25	4 32	16 14	1 47	19 39	0 35	17 32	6 19	21 35	0 50	5 36	1 43	6 12	0 44	11 27	1 32	18 11	6 6	13 11	13 17	14 15	2 52	4 56
W 6	16 25	16 11	4 56	15 35	1 47	19 23	0 37	17 39	6 21	21 37	0 51	5 33	1 43	6 12	0 44	11 27	1 33	18 11	6 6	13 8	13 16	14 14	2 50	4 55
T 7	16 8	12 48	5 0	14 55	1 46	19 7	0 39	17 47	6 24	21 38	0 51	5 30	1 43	6 12	0 44	11 27	1 33	18 10	6 6	13 5	13 15	14 12	2 47	4 55
F 8	15 52	8 35	4 42	14 14	1 45	18 51	0 41	17 54	6 26	21 39	0 51	5 28	1 43	6 12	0 44	11 27	1 33	18 9	6 6	13 1	13 13	14 10	2 45	4 55
S 9	15 34	3 51	4 5	13 32	1 43	18 33	0 43	18 1	6 29	21 40	0 51	5 25	1 43	6 11	0 44	11 27	1 33	18 9	6 6	12 58	13 12	14 9	2 42	4 54
S 10	15 17	1s 0	3 12	12 49	1 41	18 16	0 45	18 8	6 31	21 41	0 51	5 22	1 42	6 11	0 44	11 27	1 33	18 8	6 6	12 56	13 11	14 7	2 40	4 54
M11	14 59	5 39	2 8	12 6	1 37	17 58	0 47	18 15	6 33	21 42	0 51	5 20	1 42	6 10	0 44	11 27	1 33	18 8	6 6	12 54	13 10	14 6	2 37	4 54
T 12	14 42	9 51	0 59	11 22	1 34	17 39	0 49	18 22	6 35	21 43	0 51	5 17	1 42	6 10	0 44	11 27	1 33	18 7	6 6	12 54	13 9	14 4	2 35	4 53
W13	14 23	13 24	0n11	10 38	1 29	17 20	0 51	18 29	6 36	21 44	0 51	5 14	1 42	6 10	0 44	11 27	1 33	18 7	6 6	12 54	13 8	14 3	2 32	4 53
T 14	14 5	16 11	1 19	9 54	1 25	17 0	0 53	18 36	6 38	21 44	0 51	5 11	1 42	6 9	0 44	11 27	1 33	18 6	6 6	12 54	13 7	14 1	2 30	4 52
F 15	13 47	18 6	2 21	9 9	1 20	16 40	0 55	18 42	6 39	21 45	0 51	5 9	1 42	6 9	0 44	11 26	1 33	18 6	6 6	12 54	13 6	14 0	2 27	4 52
S 16	13 28	19 8	3 15	8 25	1 14	16 19	0 57	18 49	6 40	21 46	0 51	5 6	1 42	6 8	0 44	11 26	1 33	18 5	6 6	12 53	13 5	13 58	2 25	4 52
S 17	13 9	19 15	3 59	7 40	1 8	15 58	0 58	18 56	6 41	21 47	0 51	5 3	1 42	6 8	0 44	11 26	1 33	18 4	6 6	12 52	13 4	13 57	2 22	4 51
M18	12 50	18 30	4 32	6 55	1 2	15 37	1 0	19 2	6 42	21 48	0 51	5 0	1 42	6 7	0 44	11 26	1 33	18 4	6 6	12 49	13 3	13 55	2 20	4 51
T 19	12 30	16 57	4 54	6 11	0 55	15 15	1 2	19 8	6 43	21 49	0 51	4 58	1 42	6 7	0 44	11 26	1 33	18 3	6 6	12 46	13 2	13 53	2 17	4 51
W20	12 11	14 41	5 2	5 26	0 48	14 53	1 3	19 14	6 43	21 49	0 51	4 55	1 42	6 7	0 44	11 26	1 33	18 3	6 6	12 43	13 1	13 52	2 14	4 50
T 21	11 51	11 49	4 58	4 42	0 40	14 30	1 5	19 20	6 43	21 50	0 51	4 52	1 42	6 6	0 44	11 25	1 33	18 2	6 7	12 39	13 0	13 50	2 12	4 50
F 22	11 31	8 27	4 40	3 58	0 32	14 7	1 6	19 25	6 43	21 51	0 51	4 49	1 42	6 5	0 44	11 25	1 33	18 2	6 7	12 35	12 59	13 49	2 9	4 50
S 23	11 11	4 44	4 10	3 14	0 24	13 43	1 8	19 31	6 43	21 52	0 52	4 46	1 42	6 5	0 44	11 25	1 33	18 1	6 7	12 31	12 58	13 47	2 6	4 50
S 24	10 51	0 47	3 28	2 31	0 16	13 19	1 9	19 36	6 43	21 52	0 52	4 43	1 42	6 4	0 44	11 25	1 34	18 1	6 7	12 28	12 57	13 46	2 4	4 49
M25	10 31	3n14	2 37	1 48	0 8	12 55	1 11	19 40	6 42	21 53	0 52	4 40	1 42	6 4	0 44	11 25	1 34	18 0	6 7	12 26	12 56	13 44	2 1	4 49
T 26	10 10	7 10	1 37	1 5	0s 1	12 31	1 12	19 45	6 41	21 54	0 52	4 38	1 42	6 3	0 45	11 24	1 34	18 0	6 7	12 24	12 54	13 42	1 58	4 49
W27	9 49	10 51	0 31	0 23	0 10	12 6	1 13	19 49	6 40	21 54	0 52	4 35	1 42	6 3	0 45	11 24	1 34	17 59	6 7	12 24	12 53	13 41	1 56	4 48
T 28	9 28	14 5	0s37	0s18	0 19	11 40	1 14	19 53	6 39	21 55	0 52	4 32	1 42	6 2	0 45	11 24	1 34	17 58	6 7	12 24	12 52	13 39	1 53	4 48
F 29	9 7	16 41	1 45	0 59	0 29	11 15	1 15	19 57	6 38	21 55	0 52	4 29	1 42	6 1	0 45	11 24	1 34	17 58	6 7	12 24	12 51	13 38	1 50	4 48
S 30	8 46	18 27	2 50	1 40	0 38	10 49	1 16	20 0	6 36	21 56	0 52	4 26	1 42	6 1	0 45	11 23	1 34	17 57	6 7	12 24	12 50	13 36	1 47	4 48
S 31	8n25	19n10	3s46	2s20	0s48	10n23	1n17	20s 3	6s35	21n56	0s52	4n23	1n42	6n 0	0s45	11n23	1s34	17n57	6n 7	12s24	12s49	13s35	1n45	4s47

Julian Day Number = 2884934.5, Delta T = 01h16m58s
Ecliptic obliquity = 23°17'01, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°21'29, Lahiri = 40°28'29

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ASTRODIENST EPHEMERIS for the year 3186
geocentric

SEPTEMBER 3186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 41 19	9♍14'03	4♋19	5♎19	7♍26	22°R32	18♊49	22♍59	17°R 6	4°R15	27♌42	2°R52	4♏ 6	6♒28	14♍21	M 1
T 2	22 45 15	10°11'41	18°51	6°34	8°41	22♒20	18°56	23° 7	17♈ 5	4♉14	27°44	2♏47	4° 2	6°35	14°29	T 2
W 3	22 49 12	11° 9'21	3♌40	7°47	9°55	22° 8	19° 2	23°14	17° 3	4°13	27°45	2°41	3°59	6°42	14°37	W 3
T 4	22 53 8	12° 7'02	18°41	8°57	11° 9	21°56	19° 9	23°22	17° 1	4°12	27°47	2°34	3°56	6°48	14°45	T 4
F 5	22 57 5	13° 4'44	3♍44	10° 5	12°23	21°45	19°16	23°29	16°59	4°11	27°49	2°26	3°53	6°55	14°53	F 5
S 6	23 1 1	14° 2'27	18°40	11°12	13°37	21°35	19°22	23°37	16°57	4°10	27°51	2°19	3°50	7° 2	15° 1	S 6
S 7	23 4 58	15° 0'12	3♎20	12°15	14°52	21°26	19°28	23°44	16°55	4°10	27°52	2°15	3°46	7° 8	15° 9	S 7
M 8	23 8 55	15°57'58	17°37	13°16	16° 6	21°17	19°34	23°52	16°54	4° 9	27°54	2°12	3°43	7°15	15°17	M 8
T 9	23 12 51	16°55'45	1♏27	14°15	17°20	21° 9	19°40	23°59	16°52	4° 8	27°56	2°D11	3°40	7°22	15°25	T 9
W10	23 16 48	17°53'33	14°51	15°11	18°34	21° 2	19°46	24° 7	16°50	4° 7	27°57	2°11	3°37	7°29	15°33	W10
T 11	23 20 44	18°51'22	27°49	16° 4	19°49	20°55	19°51	24°14	16°48	4° 6	27°59	2°13	3°34	7°35	15°41	T 11
F 12	23 24 41	19°49'13	10♐25	16°53	21° 3	20°49	19°57	24°22	16°45	4° 4	28° 1	2°14	3°31	7°42	15°49	F 12
S 13	23 28 37	20°47'04	22°43	17°40	22°17	20°44	20° 2	24°30	16°43	4° 3	28° 2	2°R14	3°27	7°49	15°57	S 13
S 14	23 32 34	21°44'57	4♑48	18°23	23°31	20°40	20° 7	24°37	16°41	4° 2	28° 4	2°13	3°24	7°56	16° 5	S 14
M15	23 36 30	22°42'51	16°45	19° 2	24°46	20°37	20°12	24°45	16°39	4° 1	28° 6	2°10	3°21	8° 2	16°13	M15
T 16	23 40 27	23°40'46	28°38	19°38	26° 0	20°35	20°16	24°53	16°37	4° 0	28° 7	2° 6	3°18	8° 9	16°21	T 16
W17	23 44 24	24°38'42	10♒30	20° 9	27°14	20°33	20°21	25° 0	16°35	3°59	28° 9	2° 1	3°15	8°16	16°29	W17
T 18	23 48 20	25°36'39	22°26	20°36	28°29	20°D32	20°25	25° 8	16°33	3°58	28°11	1°54	3°12	8°22	16°36	T 18
F 19	23 52 17	26°34'38	4♓28	20°59	29°43	20°32	20°29	25°15	16°31	3°56	28°12	1°48	3° 8	8°29	16°44	F 19
S 20	23 56 13	27°32'38	16°37	21°16	0♎57	20°33	20°33	25°23	16°28	3°55	28°14	1°42	3° 5	8°36	16°52	S 20
S 21	0 0 10	28°30'40	28°55	21°28	2°12	20°35	20°37	25°31	16°26	3°54	28°15	1°37	3° 2	8°43	17° 0	S 21
M22	0 4 6	29°28'44	11♈23	21°35	3°26	20°37	20°41	25°38	16°24	3°53	28°17	1°34	2°59	8°49	17° 8	M22
T 23	0 8 3	0♎26'49	24° 3	21°R35	4°40	20°40	20°44	25°46	16°22	3°51	28°18	1°32	2°56	8°56	17°16	T 23
W24	0 11 59	1°24'55	6♉54	21°30	5°55	20°44	20°47	25°53	16°19	3°50	28°20	1°D32	2°52	9° 3	17°24	W24
T 25	0 15 56	2°23'04	19°58	21°19	7° 9	20°49	20°50	26° 1	16°17	3°49	28°21	1°33	2°49	9° 9	17°32	T 25
F 26	0 19 52	3°21'14	3♊16	21° 1	8°24	20°55	20°53	26° 9	16°15	3°47	28°23	1°35	2°46	9°16	17°40	F 26
S 27	0 23 49	4°19'27	16°48	20°37	9°38	21° 1	20°56	26°16	16°12	3°46	28°24	1°36	2°43	9°23	17°47	S 27
S 28	0 27 46	5°17'41	0♋36	20° 6	10°52	21° 9	20°58	26°24	16°10	3°44	28°26	1°R37	2°40	9°30	17°55	S 28
M29	0 31 42	6°15'58	14°39	19°29	12° 7	21°17	21° 1	26°31	16° 8	3°43	28°27	1°37	2°37	9°36	18° 3	M29
T 30	0 35 39	7♎14'16	28♋57	18♎45	13♎21	21♒25	21♊ 3	26♍39	16♈ 5	3♉41	28♌29	1♏35	2♏33	9♒43	18♍11	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n 3	18n43	4s30	2s59	0s57	9n56	1n18	20s 6	6s33	21n57	0s52	4n20	1n42	5n59	0s45	11n23	1s34	17n56	6n 7	12s23	12s48	13s33	1n42	4s47
T 2	7 42	17 3	4 58	3 37	1 7	9 29	1 19	20 8	6 31	21 57	0 52	4 17	1 42	5 59	0 45	11 22	1 34	17 56	6 8	12 22	12 47	13 31	1 39	4 47
W 3	7 20	14 14	5 6	4 15	1 17	9 2	1 20	20 10	6 29	21 58	0 52	4 14	1 42	5 58	0 45	11 22	1 34	17 55	6 8	12 19	12 46	13 30	1 36	4 47
T 4	6 58	10 27	4 55	4 52	1 27	8 35	1 21	20 12	6 26	21 58	0 52	4 11	1 42	5 57	0 45	11 22	1 34	17 55	6 8	12 17	12 45	13 28	1 33	4 47
F 5	6 36	5 59	4 22	5 28	1 37	8 8	1 22	20 13	6 24	21 59	0 53	4 8	1 42	5 57	0 45	11 21	1 34	17 54	6 8	12 14	12 44	13 27	1 30	4 46
S 6	6 14	1 11	3 33	6 3	1 47	7 40	1 22	20 14	6 21	21 59	0 53	4 5	1 42	5 56	0 45	11 21	1 34	17 54	6 8	12 12	12 43	13 25	1 28	4 46
S 7	5 52	3s36	2 29	6 37	1 57	7 12	1 23	20 14	6 18	22 0	0 53	4 2	1 42	5 55	0 45	11 21	1 34	17 53	6 8	12 10	12 42	13 23	1 25	4 46
M 8	5 30	8 4	1 18	7 9	2 7	6 44	1 23	20 14	6 16	22 0	0 53	4 0	1 42	5 54	0 45	11 20	1 34	17 53	6 8	12 9	12 41	13 22	1 22	4 46
T 9	5 8	11 58	0 4	7 41	2 17	6 16	1 24	20 14	6 13	22 0	0 53	3 57	1 42	5 54	0 45	11 20	1 34	17 52	6 8	12 9	12 40	13 20	1 19	4 46
W10	4 45	15 6	1n 8	8 12	2 27	5 47	1 24	20 14	6 10	22 1	0 53	3 54	1 43	5 53	0 45	11 20	1 34	17 52	6 8	12 9	12 38	13 19	1 16	4 45
T 11	4 23	17 22	2 14	8 41	2 37	5 18	1 24	20 13	6 6	22 1	0 53	3 51	1 43	5 52	0 45	11 19	1 34	17 51	6 9	12 10	12 37	13 17	1 13	4 45
F 12	4 0	18 42	3 12	9 9	2 46	4 50	1 25	20 11	6 3	22 1	0 53	3 48	1 43	5 51	0 45	11 19	1 34	17 51	6 9	12 10	12 36	13 15	1 10	4 45
S 13	3 38	19 6	4 0	9 36	2 56	4 21	1 25	20 10	6 0	22 2	0 53	3 45	1 43	5 50	0 45	11 18	1 34	17 51	6 9	12 10	12 35	13 14	1 7	4 45
S 14	3 15	18 36	4 36	10 1	3 5	3 52	1 25	20 8	5 56	22 2	0 53	3 42	1 43	5 50	0 45	11 18	1 35	17 50	6 9	12 10	12 34	13 12	1 5	4 45
M15	2 52	17 18	4 59	10 24	3 14	3 22	1 25	20 5	5 53	22 2	0 53	3 39	1 43	5 49	0 45	11 18	1 35	17 50	6 9	12 9	12 33	13 11	1 2	4 45
T 16	2 30	15 15	5 10	10 46	3 23	2 53	1 25	20 3	5 49	22 3	0 53	3 36	1 43	5 48	0 45	11 17	1 35	17 49	6 9	12 8	12 32	13 9	0 59	4 45
W17	2 7	12 34	5 7	11 5	3 31	2 24	1 25	20 0	5 45	22 3	0 53	3 33	1 43	5 47	0 45	11 17	1 35	17 49	6 9	12 6	12 31	13 7	0 56	4 44
T 18	1 44	9 21	4 51	11 23	3 39	1 54	1 25	19 57	5 41	22 3	0 54	3 30	1 43	5 46	0 45	11 16	1 35	17 48	6 10	12 3	12 30	13 6	0 53	4 44
F 19	1 21	5 45	4 22	11 38	3 46	1 25	1 25	19 53	5 38	22 3	0 54	3 27	1 43	5 45	0 45	11 16	1 35	17 48	6 10	12 1	12 29	13 4	0 50	4 44
S 20	0 58	1 52	3 41	11 51	3 53	0 55	1 24	19 49	5 34	22 3	0 54	3 24	1 43	5 45	0 45	11 15	1 35	17 48	6 10	11 59	12 28	13 3	0 47	4 44
S 21	0 35	2n 9	2 49	12 1	3 59	0 25	1 24	19 45	5 30	22 4	0 54	3 21	1 43	5 44	0 45	11 15	1 35	17 47	6 10	11 58	12 27	13 1	0 44	4 44
M22	0 12	6 8	1 48	12 9	4 5	0s 5	1 24	19 40	5 26	22 4	0 54	3 18	1 43	5 43	0 45	11 14	1 35	17 47	6 10	11 56	12 26	12 59	0 41	4 44
T 23	0s11	9 54	0 41	12 13	4 9	0 34	1 23	19 35	5 22	22 4	0 54	3 15	1 43	5 42	0 45	11 14	1 35	17 46	6 10	11 56	12 24	12 58	0 38	4 44
W24	0 34	13 16	0s29	12 14	4 13	1 4	1 23	19 30	5 18	22 4	0 54	3 12	1 43	5 41	0 45	11 13	1 35	17 46	6 10	11 56	12 23	12 56	0 35	4 44
T 25	0 57	16 1	1 39	12 12	4 15	1 34	1 22	19 25	5 14	22 4	0 54	3 9	1 43	5 40	0 45	11 13	1 35	17 46	6 11	11 56	12 22	12 55	0 32	4 44
F 26	1 20	17 58	2 45	12 7	4 17	2 4	1 21	19 19	5 10	22 4	0 54	3 6	1 43	5 39	0 45	11 12	1 35	17 45	6 11	11 57	12 21	12 53	0 29	4 44
S 27	1 42	18 56	3 43	11 58	4 17	2 33	1 21	19 13	5 6	22 4	0 54	3 4	1 43	5 38	0 45	11 12	1 35	17 45	6 11	11 57	12 20	12 51	0 26	4 43
S 28	2 5	18 47	4 29	11 45	4 15	3 3	1 20	19 7	5 1	22 4	0 54	3 1	1 44	5 38	0 45	11 11	1 35	17 44	6 11	11 58	12 19	12 50	0 23	4 43
M29	2 28	17 30	5 1	11 28	4 12	3 33	1 19	19 0	4 57	22 5	0 54	2 58	1 44	5 37	0 45	11 11	1 35	17 44	6 11	11 57	12 18	12 48	0 20	4 43
T 30	2s51	15n 7	5s14	11s 7	4s 7	4s 2	1n18	18s54	4s53	22n 5	0s55	2n55	1n44	5n36	0s45	11n10	1s35	17n44	6n11	11s57	12s17	12s46	0n17	4s43

Julian Day Number = 2884965.5, Delta T = 01h16m58s
Ecliptic obliquity = 23°17'02, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°21'33, Lahiri = 40°28'34

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ASTRODIENST EPHEMERIS for the year 3186
geocentric

OCTOBER 3186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 39 35	8♎12'37	13♌27	17°R57	14♎36	21♒35	21♊ 5	26♍46	16°R 3	3°R40	28♌30	1°R33	2♏30	9♒50	18♍18	W 1
T 2	0 43 32	9°10'59	28° 3	17♎ 3	15°50	21°45	21° 6	26°54	16♈ 0	3♉39	28°32	1♏30	2°27	9°57	18°26	T 2
F 3	0 47 28	10° 9'24	12♍42	16° 5	17° 5	21°56	21° 8	27° 1	15°58	3°37	28°33	1°27	2°24	10° 3	18°34	F 3
S 4	0 51 25	11° 7'50	27°15	15° 5	18°19	22° 8	21° 9	27° 9	15°56	3°36	28°34	1°25	2°21	10°10	18°42	S 4
S 5	0 55 21	12° 6'18	11♎38	14° 2	19°34	22°20	21°10	27°16	15°53	3°34	28°36	1°23	2°17	10°17	18°49	S 5
M 6	0 59 18	13° 4'48	25°43	13° 0	20°48	22°34	21°11	27°24	15°51	3°32	28°37	1°D22	2°14	10°23	18°57	M 6
T 7	1 3 15	14° 3'20	9♏27	11°58	22° 3	22°47	21°12	27°31	15°48	3°31	28°39	1°22	2°11	10°30	19° 4	T 7
W 8	1 7 11	15° 1'54	22°49	10°59	23°17	23° 2	21°12	27°38	15°46	3°29	28°40	1°23	2° 8	10°37	19°12	W 8
T 9	1 11 8	16° 0'29	5♐48	10° 4	24°32	23°17	21°13	27°46	15°44	3°28	28°41	1°24	2° 5	10°44	19°19	T 9
F 10	1 15 4	16°59'06	18°27	9°14	25°46	23°33	21°R13	27°53	15°41	3°26	28°42	1°25	2° 2	10°50	19°27	F 10
S 11	1 19 1	17°57'45	0♑48	8°32	27° 1	23°50	21°13	28° 1	15°39	3°25	28°44	1°26	1°58	10°57	19°34	S 11
S 12	1 22 57	18°56'25	12°55	7°57	28°15	24° 7	21°12	28° 8	15°36	3°23	28°45	1°27	1°55	11° 4	19°42	S 12
M13	1 26 54	19°55'07	24°53	7°31	29°30	24°25	21°12	28°15	15°34	3°21	28°46	1°R27	1°52	11°10	19°49	M13
T 14	1 30 50	20°53'50	6♒46	7°15	0♏45	24°43	21°11	28°22	15°32	3°20	28°47	1°27	1°49	11°17	19°57	T 14
W15	1 34 47	21°52'35	18°40	7°D 9	1°59	25° 2	21°10	28°30	15°29	3°18	28°49	1°26	1°46	11°24	20° 4	W15
T 16	1 38 44	22°51'22	0♓38	7°13	3°14	25°22	21° 9	28°37	15°27	3°17	28°50	1°25	1°43	11°31	20°11	T 16
F 17	1 42 40	23°50'10	12°43	7°27	4°28	25°42	21° 8	28°44	15°25	3°15	28°51	1°23	1°39	11°37	20°18	F 17
S 18	1 46 37	24°49'01	25° 0	7°50	5°43	26° 3	21° 6	28°51	15°22	3°13	28°52	1°23	1°36	11°44	20°26	S 18
S 19	1 50 33	25°47'53	7♈29	8°24	6°57	26°24	21° 4	28°58	15°20	3°12	28°53	1°22	1°33	11°51	20°33	S 19
M20	1 54 30	26°46'46	20°14	9° 6	8°12	26°46	21° 3	29° 5	15°17	3°10	28°54	1°22	1°30	11°57	20°40	M20
T 21	1 58 26	27°45'42	3♉13	9°57	9°26	27° 9	21° 0	29°12	15°15	3° 8	28°55	1°D21	1°27	12° 4	20°47	T 21
W22	2 2 23	28°44'40	16°27	10°55	10°41	27°31	20°58	29°19	15°13	3° 7	28°56	1°22	1°23	12°11	20°54	W22
T 23	2 6 19	29°43'40	29°55	12° 1	11°55	27°55	20°56	29°26	15°11	3° 5	28°57	1°22	1°20	12°18	21° 1	T 23
F 24	2 10 16	0♏42'42	13♊36	13°12	13°10	28°19	20°53	29°33	15° 8	3° 3	28°58	1°22	1°17	12°24	21° 8	F 24
S 25	2 14 12	1°41'46	27°28	14°30	14°25	28°43	20°50	29°40	15° 6	3° 2	28°59	1°R22	1°14	12°31	21°15	S 25
S 26	2 18 9	2°40'53	11♋28	15°52	15°39	29° 8	20°47	29°47	15° 4	3° 0	29° 0	1°22	1°11	12°38	21°22	S 26
M27	2 22 6	3°40'02	25°36	17°19	16°54	29°33	20°44	29°54	15° 1	2°58	29° 1	1°22	1° 8	12°45	21°28	M27
T 28	2 26 2	4°39'13	9♌48	18°49	18° 8	29°58	20°40	0♎ 0	14°59	2°57	29° 2	1°D22	1° 4	12°51	21°35	T 28
W29	2 29 59	5°38'26	24° 2	20°22	19°23	0♓24	20°37	0° 7	14°57	2°55	29° 3	1°22	1° 1	12°58	21°42	W29
T 30	2 33 55	6°37'42	8♍16	21°58	20°37	0°51	20°33	0°14	14°55	2°53	29° 4	1°22	0°58	13° 5	21°48	T 30
F 31	2 37 52	7♏37'00	22♍27	23♎36	21♏52	1♓18	20♊29	0♎20	14♈53	2♉52	29♌ 4	1♏23	0♏55	13♒11	21♍55	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s14	11n46	5s 7	10s42	4s 0	4s32	1n17	18s47	4s49	22n 5	0s55	2n52	1n44	5n35	0s45	11n10	1s35	17n43	6n12	11s56	12s16	12s45	0n15	4s43
T 2	3 37	7 40	4 41	10 13	3 52	5 1	1 16	18 39	4 45	22 5	0 55	2 49	1 44	5 34	0 45	11 9	1 35	17 43	6 12	11 55	12 15	12 43	0 12	4 43
F 3	4 0	3 6	3 57	9 42	3 41	5 31	1 15	18 32	4 41	22 5	0 55	2 46	1 44	5 33	0 45	11 9	1 35	17 43	6 12	11 54	12 14	12 42	0 9	4 43
S 4	4 23	1s38	2 57	9 7	3 29	6 0	1 14	18 24	4 37	22 5	0 55	2 43	1 44	5 32	0 45	11 8	1 35	17 42	6 12	11 53	12 13	12 40	0 6	4 43
S 5	4 45	6 12	1 47	8 30	3 14	6 29	1 13	18 16	4 32	22 5	0 55	2 40	1 44	5 31	0 45	11 8	1 35	17 42	6 12	11 53	12 11	12 38	0 3	4 43
M 6	5 8	10 22	0 31	7 51	2 59	6 58	1 12	18 8	4 28	22 5	0 55	2 38	1 44	5 30	0 45	11 7	1 35	17 42	6 13	11 52	12 10	12 37	0s 0	4 43
T 7	5 31	13 51	0n45	7 11	2 41	7 27	1 10	17 59	4 24	22 5	0 55	2 35	1 44	5 29	0 45	11 7	1 35	17 42	6 13	11 52	12 9	12 35	0 3	4 43
W 8	5 53	16 29	1 56	6 31	2 23	7 55	1 9	17 51	4 20	22 5	0 55	2 32	1 44	5 28	0 45	11 6	1 35	17 41	6 13	11 53	12 8	12 33	0 6	4 43
T 9	6 15	18 12	2 59	5 51	2 4	8 24	1 7	17 42	4 16	22 5	0 55	2 29	1 45	5 28	0 45	11 6	1 35	17 41	6 13	11 53	12 7	12 32	0 9	4 43
F 10	6 38	18 56	3 52	5 14	1 44	8 52	1 6	17 33	4 12	22 4	0 55	2 26	1 45	5 27	0 45	11 5	1 35	17 41	6 13	11 54	12 6	12 30	0 12	4 43
S 11	7 0	18 44	4 32	4 38	1 23	9 20	1 4	17 23	4 8	22 4	0 55	2 23	1 45	5 26	0 45	11 5	1 35	17 40	6 14	11 54	12 5	12 28	0 15	4 43
S 12	7 22	17 41	5 0	4 6	1 3	9 48	1 3	17 14	4 4	22 4	0 56	2 21	1 45	5 25	0 45	11 4	1 35	17 40	6 14	11 54	12 4	12 27	0 18	4 43
M13	7 44	15 51	5 14	3 38	0 43	10 16	1 1	17 4	4 0	22 4	0 56	2 18	1 45	5 24	0 45	11 3	1 35	17 40	6 14	11 54	12 3	12 25	0 21	4 43
T 14	8 6	13 22	5 15	3 14	0 24	10 44	1 0	16 54	3 56	22 4	0 56	2 15	1 45	5 23	0 45	11 3	1 35	17 40	6 14	11 54	12 2	12 24	0 23	4 43
W15	8 28	10 20	5 2	2 54	0 5	11 11	0 58	16 44	3 52	22 4	0 56	2 12	1 45	5 22	0 45	11 2	1 35	17 39	6 14	11 54	12 1	12 22	0 26	4 43
T 16	8 50	6 52	4 36	2 40	0n12	11 38	0 56	16 34	3 48	22 4	0 56	2 10	1 45	5 21	0 45	11 2	1 35	17 39	6 15	11 53	11 59	12 20	0 29	4 43
F 17	9 12	3 4	3 58	2 30	0 28	12 5	0 54	16 23	3 44	22 4	0 56	2 7	1 45	5 20	0 45	11 1	1 35	17 39	6 15	11 53	11 58	12 19	0 32	4 43
S 18	9 33	0n54	3 8	2 26	0 43	12 31	0 52	16 13	3 40	22 3	0 56	2 4	1 46	5 19	0 45	11 1	1 35	17 39	6 15	11 53	11 57	12 17	0 35	4 44
S 19	9 54	4 55	2 9	2 26	0 57	12 57	0 50	16 2	3 37	22 3	0 56	2 2	1 46	5 18	0 45	11 0	1 35	17 39	6 15	11 52	11 56	12 15	0 38	4 44
M20	10 16	8 48	1 1	2 32	1 9	13 23	0 48	15 51	3 33	22 3	0 56	1 59	1 46	5 18	0 45	10 59	1 35	17 38	6 15	11 52	11 55	12 14	0 41	4 44
T 21	10 37	12 21	0s10	2 41	1 20	13 49	0 46	15 39	3 29	22 3	0 56	1 56	1 46	5 17	0 45	10 59	1 35	17 38	6 16	11 52	11 54	12 12	0 43	4 44
W22	10 58	15 20	1 23	2 56	1 29	14 14	0 44	15 28	3 25	22 3	0 56	1 54	1 46	5 16	0 45	10 58	1 35	17 38	6 16	11 52	11 53	12 10	0 46	4 44
T 23	11 18	17 32	2 32	3 14	1 37	14 39	0 42	15 16	3 22	22 2	0 56	1 51	1 46	5 15	0 45	10 58	1 35	17 38	6 16	11 52	11 52	12 9	0 49	4 44
F 24	11 39	18 45	3 33	3 35	1 44	15 3	0 40	15 5	3 18	22 2	0 56	1 48	1 46	5 14	0 45	10 57	1 35	17 38	6 16	11 52	11 51	12 7	0 52	4 44
S 25	11 59	18 52	4 23	4 0	1 49	15 27	0 38	14 53	3 14	22 2	0 56	1 46	1 47	5 13	0 45	10 57	1 35	17 38	6 16	11 52	11 50	12 5	0 55	4 44
S 26	12 19	17 50	4 58	4 28	1 53	15 51	0 36	14 41	3 11	22 2	0 56	1 43	1 47	5 12	0 45	10 56	1 35	17 38	6 17	11 52	11 49	12 4	0 57	4 44
M27	12 39	15 43	5 16	4 58	1 56	16 14	0 34	14 29	3 7	22 1	0 56	1 41	1 47	5 12	0 45	10 56	1 35	17 37	6 17	11 52	11 47	12 2	1 0	4 44
T 28	12 59	12 38	5 14	5 31	1 58	16 37	0 31	14 16	3 3	22 1	0 56	1 38	1 47	5 11	0 45	10 55	1 35	17 37	6 17	11 52	11 46	12 0	1 3	4 45
W29	13 19	8 49	4 53	6 5	1 59	17 0	0 29	14 4	3 0	22 1	0 56	1 36	1 47	5 10	0 45	10 54	1 35	17 37	6 17	11 52	11 45	11 59	1 6	4 45
T 30	13 38	4 29	4 14	6 40	1 59	17 22	0 27	13 51	2 56	22 1	0 57	1 33	1 47	5 9	0 45	10 54	1 35	17 37	6 18	11 52	11 44	11 57	1 8	4 45
F 31	13s58	0s 5	3s20	7s17	1n58	17s43	0n24	13s38	2s53	22n 0	0s57	1n31	1n47	5n 8	0s45	10n53	1s35	17n37	6n18	11s53	11s43	11s55	1s11	4s45

Julian Day Number = 2884995.5, Delta T = 01h16m59s
Ecliptic obliquity = 23°17'02, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°21'37, Lahiri = 40°28'38

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ASTRODIENST EPHEMERIS for the year 3186
geocentric

NOVEMBER 3186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 41 48	8♏36'20	6♎32	25♎15	23♏ 7	1♓45	20°R24	0♎27	14°R50	2°R50	29♌ 5	1♏23	0♏52	13♒18	22♍ 1	S 1
S 2	2 45 45	9°35'42	20°27	26°56	24°21	2°13	20♊20	0°33	14♈48	2♉48	29° 6	1°24	0°49	13°25	22° 8	S 2
M 3	2 49 41	10°35'06	4♏10	28°37	25°36	2°41	20°15	0°40	14°46	2°47	29° 7	1°R24	0°45	13°32	22°14	M 3
T 4	2 53 38	11°34'32	17°38	0♏19	26°50	3° 9	20°11	0°46	14°44	2°45	29° 7	1°24	0°42	13°38	22°20	T 4
W 5	2 57 35	12°34'01	0♐49	2° 2	28° 5	3°38	20° 6	0°53	14°42	2°43	29° 8	1°23	0°39	13°45	22°27	W 5
T 6	3 1 31	13°33'31	13°42	3°45	29°20	4° 7	20° 1	0°59	14°40	2°42	29° 9	1°21	0°36	13°52	22°33	T 6
F 7	3 5 28	14°33'03	26°18	5°28	0♐34	4°37	19°55	1° 5	14°38	2°40	29°10	1°19	0°33	13°58	22°39	F 7
S 8	3 9 24	15°32'37	8♑39	7°10	1°49	5° 7	19°50	1°11	14°36	2°38	29°10	1°17	0°29	14° 5	22°45	S 8
S 9	3 13 21	16°32'12	20°47	8°53	3° 3	5°37	19°44	1°17	14°34	2°37	29°11	1°15	0°26	14°12	22°51	S 9
M10	3 17 17	17°31'49	2♒45	10°36	4°18	6° 7	19°39	1°24	14°32	2°35	29°11	1°14	0°23	14°19	22°57	M10
T 11	3 21 14	18°31'28	14°39	12°18	5°33	6°38	19°33	1°30	14°30	2°34	29°12	1°D13	0°20	14°25	23° 3	T 11
W12	3 25 10	19°31'09	26°31	14° 0	6°47	7° 9	19°27	1°35	14°29	2°32	29°12	1°14	0°17	14°32	23° 9	W12
T 13	3 29 7	20°30'51	8♓28	15°41	8° 2	7°41	19°20	1°41	14°27	2°30	29°13	1°14	0°14	14°39	23°14	T 13
F 14	3 33 4	21°30'35	20°34	17°22	9°16	8°12	19°14	1°47	14°25	2°29	29°13	1°16	0°10	14°45	23°20	F 14
S 15	3 37 0	22°30'20	2♈54	19° 3	10°31	8°44	19° 8	1°53	14°23	2°27	29°14	1°17	0° 7	14°52	23°26	S 15
S 16	3 40 57	23°30'08	15°30	20°43	11°46	9°17	19° 1	1°59	14°22	2°26	29°14	1°19	0° 4	14°59	23°31	S 16
M17	3 44 53	24°29'57	28°26	22°22	13° 0	9°49	18°54	2° 4	14°20	2°24	29°15	1°R20	0° 1	15° 6	23°36	M17
T 18	3 48 50	25°29'47	11♉42	24° 1	14°15	10°22	18°47	2°10	14°18	2°23	29°15	1°19	29♎58	15°12	23°42	T 18
W19	3 52 46	26°29'40	25°19	25°40	15°29	10°55	18°40	2°15	14°17	2°21	29°15	1°18	29°54	15°19	23°47	W19
T 20	3 56 43	27°29'34	9♊15	27°18	16°44	11°28	18°33	2°21	14°15	2°20	29°15	1°15	29°51	15°26	23°52	T 20
F 21	4 0 39	28°29'31	23°25	28°56	17°58	12° 2	18°26	2°26	14°14	2°18	29°16	1°11	29°48	15°33	23°57	F 21
S 22	4 4 36	29°29'29	7♋44	0♐33	19°13	12°36	18°19	2°31	14°12	2°17	29°16	1° 7	29°45	15°39	24° 2	S 22
S 23	4 8 33	0♐29'30	22° 9	2°10	20°28	13°10	18°11	2°37	14°11	2°15	29°16	1° 3	29°42	15°46	24° 7	S 23
M24	4 12 29	1°29'32	6♌32	3°46	21°42	13°44	18° 4	2°42	14° 9	2°14	29°16	1° 0	29°39	15°53	24°12	M24
T 25	4 16 26	2°29'36	20°51	5°22	22°57	14°18	17°56	2°47	14° 8	2°13	29°17	0°58	29°35	15°59	24°17	T 25
W26	4 20 22	3°29'43	5♍ 2	6°58	24°11	14°53	17°49	2°52	14° 7	2°11	29°17	0°D57	29°32	16° 6	24°22	W26
T 27	4 24 19	4°29'51	19° 3	8°33	25°26	15°27	17°41	2°57	14° 5	2°10	29°17	0°58	29°29	16°13	24°26	T 27
F 28	4 28 15	5°30'02	2♎53	10° 8	26°40	16° 2	17°33	3° 1	14° 4	2° 9	29°17	0°59	29°26	16°20	24°31	F 28
S 29	4 32 12	6°30'15	16°33	11°42	27°55	16°38	17°25	3° 6	14° 3	2° 7	29°17	1° 1	29°23	16°26	24°35	S 29
S 30	4 36 8	7♐30'29	0♏ 1	13♐16	29♐10	17♓13	17♊17	3♎11	14♈ 2	2♉ 6	29°R17	1°R 1	29♎20	16♒33	24♍40	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s17	4s37	2s14	7s54	1n56	18s 5	0n22	13s25	2s50	22n 0	0s57	1n28	1n48	5n 7	0s45	10n53	1s35	17n37	6n18	11s53	11s42	11s54	1s14	4s45
S 2	14 36	8 52	1 0	8 32	1 54	18 25	0 20	13 12	2 46	22 0	0 57	1 26	1 48	5 7	0 45	10 52	1 35	17 37	6 18	11 53	11 41	11 52	1 16	4 45
M 3	14 54	12 35	0n15	9 11	1 51	18 45	0 17	12 59	2 43	21 59	0 57	1 23	1 48	5 6	0 45	10 52	1 35	17 37	6 19	11 53	11 40	11 50	1 19	4 45
T 4	15 12	15 34	1 29	9 50	1 47	19 5	0 15	12 46	2 39	21 59	0 57	1 21	1 48	5 5	0 45	10 51	1 35	17 37	6 19	11 53	11 39	11 49	1 21	4 46
W 5	15 31	17 39	2 36	10 29	1 43	19 24	0 12	12 32	2 36	21 58	0 57	1 19	1 48	5 4	0 45	10 50	1 35	17 37	6 19	11 53	11 38	11 47	1 24	4 46
T 6	15 48	18 46	3 33	11 8	1 39	19 43	0 10	12 19	2 33	21 58	0 57	1 16	1 49	5 4	0 45	10 50	1 35	17 37	6 19	11 52	11 36	11 45	1 27	4 46
F 7	16 6	18 55	4 19	11 46	1 34	20 1	0 7	12 5	2 30	21 58	0 57	1 14	1 49	5 3	0 45	10 49	1 35	17 37	6 19	11 51	11 35	11 44	1 29	4 46
S 8	16 23	18 9	4 52	12 25	1 29	20 19	0 5	11 51	2 27	21 57	0 57	1 12	1 49	5 2	0 44	10 49	1 35	17 37	6 20	11 51	11 34	11 42	1 32	4 46
S 9	16 40	16 34	5 11	13 3	1 24	20 36	0 2	11 37	2 23	21 57	0 57	1 10	1 49	5 1	0 44	10 48	1 35	17 37	6 20	11 50	11 33	11 40	1 34	4 46
M10	16 57	14 17	5 16	13 40	1 18	20 52	0s 0	11 23	2 20	21 56	0 57	1 7	1 49	5 1	0 44	10 48	1 35	17 37	6 20	11 50	11 32	11 39	1 37	4 47
T 11	17 14	11 26	5 7	14 17	1 12	21 8	0 3	11 9	2 17	21 56	0 57	1 5	1 49	5 0	0 44	10 47	1 35	17 37	6 20	11 49	11 31	11 37	1 39	4 47
W12	17 30	8 7	4 46	14 53	1 6	21 23	0 5	10 54	2 14	21 55	0 57	1 3	1 50	4 59	0 44	10 47	1 35	17 37	6 21	11 49	11 30	11 35	1 42	4 47
T 13	17 46	4 27	4 12	15 29	1 0	21 38	0 8	10 40	2 11	21 55	0 57	1 1	1 50	4 59	0 44	10 46	1 35	17 37	6 21	11 50	11 29	11 33	1 44	4 47
F 14	18 1	0 33	3 26	16 3	0 53	21 52	0 11	10 25	2 8	21 54	0 57	0 59	1 50	4 58	0 44	10 46	1 35	17 37	6 21	11 50	11 28	11 32	1 46	4 47
S 15	18 17	3n27	2 30	16 37	0 47	22 6	0 13	10 11	2 5	21 54	0 57	0 57	1 50	4 57	0 44	10 45	1 35	17 37	6 21	11 51	11 26	11 30	1 49	4 48
S 16	18 32	7 23	1 26	17 10	0 40	22 19	0 16	9 56	2 2	21 53	0 57	0 55	1 50	4 57	0 44	10 45	1 35	17 37	6 22	11 51	11 25	11 28	1 51	4 48
M17	18 46	11 6	0 16	17 43	0 33	22 31	0 18	9 41	1 59	21 53	0 57	0 52	1 51	4 56	0 44	10 44	1 35	17 37	6 22	11 52	11 24	11 27	1 54	4 48
T 18	19 1	14 21	0s57	18 14	0 26	22 42	0 21	9 26	1 57	21 52	0 57	0 50	1 51	4 55	0 44	10 44	1 35	17 37	6 22	11 51	11 23	11 25	1 56	4 48
W19	19 15	16 54	2 8	18 44	0 19	22 53	0 23	9 11	1 54	21 52	0 57	0 48	1 51	4 55	0 44	10 43	1 35	17 38	6 22	11 51	11 22	11 23	1 58	4 48
T 20	19 28	18 31	3 13	19 13	0 13	23 3	0 26	8 56	1 51	21 51	0 57	0 47	1 51	4 54	0 44	10 43	1 35	17 38	6 23	11 50	11 21	11 22	2 0	4 49
F 21	19 42	19 0	4 8	19 42	0 6	23 13	0 29	8 40	1 48	21 51	0 57	0 45	1 51	4 54	0 44	10 42	1 35	17 38	6 23	11 49	11 20	11 20	2 3	4 49
S 22	19 55	18 17	4 47	20 9	0s 1	23 22	0 31	8 25	1 46	21 50	0 56	0 43	1 52	4 53	0 44	10 42	1 35	17 38	6 23	11 47	11 19	11 18	2 5	4 49
S 23	20 7	16 24	5 9	20 35	0 8	23 30	0 34	8 10	1 43	21 50	0 56	0 41	1 52	4 53	0 44	10 41	1 35	17 38	6 23	11 46	11 18	11 17	2 7	4 49
M24	20 20	13 29	5 11	21 0	0 15	23 38	0 36	7 54	1 40	21 49	0 56	0 39	1 52	4 52	0 44	10 41	1 35	17 38	6 24	11 45	11 16	11 15	2 9	4 50
T 25	20 31	9 48	4 54	21 25	0 21	23 44	0 39	7 39	1 38	21 48	0 56	0 37	1 52	4 52	0 44	10 40	1 35	17 38	6 24	11 44	11 15	11 13	2 11	4 50
W26	20 43	5 35	4 19	21 47	0 28	23 50	0 41	7 23	1 35	21 48	0 56	0 35	1 52	4 51	0 44	10 40	1 35	17 39	6 24	11 44	11 14	11 11	2 13	4 50
T 27	20 54	1 6	3 29	22 9	0 35	23 56	0 44	7 7	1 32	21 47	0 56	0 34	1 53	4 51	0 44	10 39	1 35	17 39	6 24	11 44	11 13	11 10	2 15	4 50
F 28	21 5	3s24	2 27	22 30	0 41	24 0	0 46	6 51	1 30	21 46	0 56	0 32	1 53	4 50	0 44	10 39	1 35	17 39	6 25	11 45	11 12	11 8	2 17	4 51
S 29	21 15	7 40	1 18	22 50	0 48	24 4	0 48	6 35	1 27	21 46	0 56	0 30	1 53	4 50	0 44	10 39	1 35	17 39	6 25	11 45	11 11	11 6	2 19	4 51
S 30	21s25	11s29	0s 6	23s 8	0s54	24s 8	0s51	6s19	1s25	21n45	0s56	0n29	1n53	4n49	0s44	10n38	1s35	17n39	6n25	11s45	11s10	11s 5	2s21	4s51

Julian Day Number = 2885026.5, Delta T = 01h17m00s
Ecliptic obliquity = 23°17'01, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°21'42, Lahiri = 40°28'42

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ASTRODIENST EPHEMERIS for the year 3186
geocentric

DECEMBER 3186 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 40 5	8♐30'46	13♏18	14♐50	0♑24	17♓49	17°R 9	3♎15	14°R 1	2°R 5	29°R17	1°R 1	29♎16	16♒40	24♍44	M 1
T 2	4 44 2	9°31'04	26°23	16°24	1°39	18°24	17♊ 1	3°20	13♈59	2♉ 3	29♌17	0♏58	29°13	16°46	24°48	T 2
W 3	4 47 58	10°31'24	9♐16	17°57	2°53	19° 0	16°53	3°24	13°58	2° 2	29°17	0°54	29°10	16°53	24°52	W 3
T 4	4 51 55	11°31'45	21°56	19°30	4° 8	19°36	16°45	3°29	13°57	2° 1	29°17	0°47	29° 7	17° 0	24°56	T 4
F 5	4 55 51	12°32'09	4♑24	21° 3	5°23	20°13	16°37	3°33	13°57	2° 0	29°17	0°39	29° 4	17° 7	25° 0	F 5
S 6	4 59 48	13°32'33	16°40	22°35	6°37	20°49	16°29	3°37	13°56	1°59	29°17	0°31	29° 0	17°13	25° 4	S 6
S 7	5 3 44	14°32'59	28°45	24° 8	7°52	21°26	16°21	3°41	13°55	1°57	29°16	0°23	28°57	17°20	25° 7	S 7
M 8	5 7 41	15°33'27	10♒42	25°40	9° 6	22° 2	16°12	3°45	13°54	1°56	29°16	0°16	28°54	17°27	25°11	M 8
T 9	5 11 37	16°33'56	22°33	27°11	10°21	22°39	16° 4	3°49	13°53	1°55	29°16	0°11	28°51	17°33	25°14	T 9
W10	5 15 34	17°34'26	4♓24	28°43	11°35	23°16	15°56	3°53	13°53	1°54	29°16	0° 8	28°48	17°40	25°18	W10
T 11	5 19 31	18°34'57	16°18	0♑14	12°50	23°53	15°48	3°56	13°52	1°53	29°15	0°D 7	28°45	17°47	25°21	T 11
F 12	5 23 27	19°35'29	28°21	1°45	14° 4	24°31	15°40	4° 0	13°51	1°52	29°15	0° 7	28°41	17°54	25°24	F 12
S 13	5 27 24	20°36'02	10♈38	3°16	15°19	25° 8	15°32	4° 4	13°51	1°51	29°15	0° 8	28°38	18° 0	25°27	S 13
S 14	5 31 20	21°36'37	23°13	4°47	16°33	25°46	15°23	4° 7	13°50	1°50	29°14	0° 9	28°35	18° 7	25°30	S 14
M15	5 35 17	22°37'13	6♉11	6°17	17°48	26°23	15°15	4°10	13°50	1°49	29°14	0°R 9	28°32	18°14	25°33	M15
T 16	5 39 13	23°37'49	19°35	7°47	19° 2	27° 1	15° 7	4°14	13°50	1°48	29°14	0° 8	28°29	18°20	25°36	T 16
W17	5 43 10	24°38'28	3♊26	9°17	20°17	27°39	14°59	4°17	13°49	1°48	29°13	0° 3	28°26	18°27	25°38	W17
T 18	5 47 6	25°39'07	17°41	10°46	21°31	28°17	14°52	4°20	13°49	1°47	29°13	29♎57	28°22	18°34	25°41	T 18
F 19	5 51 3	26°39'47	2♋17	12°15	22°46	28°55	14°44	4°23	13°49	1°46	29°12	29°49	28°19	18°41	25°43	F 19
S 20	5 55 0	27°40'29	17° 6	13°43	24° 0	29°33	14°36	4°25	13°48	1°45	29°12	29°39	28°16	18°47	25°46	S 20
S 21	5 58 56	28°41'12	1♌59	15°11	25°15	0♈12	14°28	4°28	13°48	1°44	29°11	29°30	28°13	18°54	25°48	S 21
M22	6 2 53	29°41'57	16°47	16°39	26°29	0°50	14°21	4°31	13°48	1°44	29°11	29°22	28°10	19° 1	25°50	M22
T 23	6 6 49	0♑42'42	1♍25	18° 5	27°43	1°29	14°13	4°33	13°D48	1°43	29°10	29°16	28° 6	19° 7	25°52	T 23
W24	6 10 46	1°43'29	15°45	19°31	28°58	2° 7	14° 6	4°36	13°48	1°42	29° 9	29°13	28° 3	19°14	25°54	W24
T 25	6 14 42	2°44'18	29°47	20°56	0♒12	2°46	13°58	4°38	13°48	1°42	29° 9	29°D12	28° 0	19°21	25°56	T 25
F 26	6 18 39	3°45'08	13♎30	22°19	1°27	3°25	13°51	4°40	13°48	1°41	29° 8	29°12	27°57	19°28	25°57	F 26
S 27	6 22 36	4°45'59	26°55	23°41	2°41	4° 3	13°44	4°42	13°49	1°41	29° 7	29°R12	27°54	19°34	25°59	S 27
S 28	6 26 32	5°46'51	10♏ 4	25° 2	3°55	4°42	13°37	4°44	13°49	1°40	29° 7	29°12	27°51	19°41	26° 0	S 28
M29	6 30 29	6°47'45	23° 0	26°21	5°10	5°21	13°30	4°46	13°49	1°40	29° 6	29° 9	27°47	19°48	26° 2	M29
T 30	6 34 25	7°48'40	5♐44	27°38	6°24	6° 0	13°23	4°48	13°49	1°39	29° 5	29° 4	27°44	19°54	26° 3	T 30
W31	6 38 22	8♑49'36	18♐18	28♑53	7♒38	6♈40	13♊16	4♎50	13♈50	1♉39	29♌ 4	28♎56	27♎41	20♒ 1	26♍ 4	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s35	14s40	1n 6	23s25	1s 0	24s10	0s53	6s 3	1s22	21n44	0s56	0n27	1n54	4n49	0s44	10n38	1s35	17n40	6n25	11s45	11s 9	11s 3	2s23	4s52
T 2	21 44	17 3	2 13	23 41	1 6	24 12	0 55	5 47	1 20	21 44	0 56	0 26	1 54	4 49	0 44	10 37	1 35	17 40	6 26	11 44	11 8	11 1	2 25	4 52
W 3	21 53	18 31	3 12	23 56	1 12	24 13	0 58	5 31	1 18	21 43	0 56	0 24	1 54	4 48	0 44	10 37	1 35	17 40	6 26	11 43	11 6	11 0	2 27	4 52
T 4	22 1	19 2	4 1	24 10	1 18	24 13	1 0	5 15	1 15	21 42	0 56	0 23	1 54	4 48	0 44	10 37	1 35	17 40	6 26	11 40	11 5	10 58	2 29	4 52
F 5	22 9	18 36	4 37	24 22	1 23	24 13	1 2	4 58	1 13	21 42	0 56	0 21	1 55	4 48	0 44	10 36	1 35	17 41	6 26	11 38	11 4	10 56	2 31	4 53
S 6	22 17	17 18	4 59	24 33	1 29	24 12	1 5	4 42	1 11	21 41	0 55	0 20	1 55	4 47	0 44	10 36	1 35	17 41	6 27	11 35	11 3	10 54	2 32	4 53
S 7	22 24	15 15	5 8	24 43	1 34	24 10	1 7	4 26	1 8	21 40	0 55	0 18	1 55	4 47	0 44	10 36	1 35	17 41	6 27	11 32	11 2	10 53	2 34	4 53
M 8	22 30	12 34	5 3	24 52	1 39	24 7	1 9	4 9	1 6	21 40	0 55	0 17	1 55	4 47	0 44	10 35	1 35	17 42	6 27	11 30	11 1	10 51	2 36	4 54
T 9	22 37	9 24	4 45	24 59	1 44	24 4	1 11	3 53	1 4	21 39	0 55	0 16	1 56	4 47	0 43	10 35	1 35	17 42	6 27	11 28	11 0	10 49	2 37	4 54
W10	22 42	5 52	4 15	25 5	1 49	24 0	1 13	3 36	1 2	21 38	0 55	0 14	1 56	4 46	0 43	10 35	1 35	17 42	6 28	11 27	10 59	10 48	2 39	4 54
T 11	22 48	2 5	3 34	25 10	1 53	23 55	1 15	3 19	1 0	21 37	0 55	0 13	1 56	4 46	0 43	10 34	1 35	17 43	6 28	11 26	10 57	10 46	2 40	4 55
F 12	22 53	1n50	2 43	25 14	1 57	23 49	1 17	3 3	0 58	21 37	0 55	0 12	1 56	4 46	0 43	10 34	1 35	17 43	6 28	11 26	10 56	10 44	2 42	4 55
S 13	22 57	5 46	1 43	25 16	2 1	23 43	1 19	2 46	0 55	21 36	0 55	0 11	1 57	4 46	0 43	10 34	1 35	17 43	6 28	11 27	10 55	10 42	2 43	4 55
S 14	23 1	9 33	0 37	25 17	2 5	23 36	1 21	2 29	0 53	21 35	0 54	0 10	1 57	4 46	0 43	10 33	1 35	17 44	6 28	11 27	10 54	10 41	2 45	4 55
M15	23 5	12 59	0s32	25 16	2 8	23 28	1 23	2 13	0 51	21 35	0 54	0 9	1 57	4 45	0 43	10 33	1 34	17 44	6 29	11 27	10 53	10 39	2 46	4 56
T 16	23 8	15 52	1 42	25 14	2 11	23 20	1 24	1 56	0 49	21 34	0 54	0 8	1 57	4 45	0 43	10 33	1 34	17 44	6 29	11 27	10 52	10 37	2 48	4 56
W17	23 11	17 57	2 49	25 11	2 14	23 11	1 26	1 39	0 47	21 33	0 54	0 7	1 58	4 45	0 43	10 33	1 34	17 45	6 29	11 25	10 51	10 35	2 49	4 56
T 18	23 13	18 58	3 46	25 7	2 16	23 1	1 28	1 22	0 45	21 32	0 54	0 6	1 58	4 45	0 43	10 32	1 34	17 45	6 29	11 23	10 50	10 34	2 50	4 57
F 19	23 14	18 46	4 30	25 1	2 18	22 51	1 29	1 5	0 43	21 32	0 54	0 5	1 58	4 45	0 43	10 32	1 34	17 45	6 30	11 20	10 48	10 32	2 52	4 57
S 20	23 16	17 17	4 57	24 54	2 20	22 40	1 31	0 49	0 41	21 31	0 53	0 4	1 58	4 45	0 43	10 32	1 34	17 46	6 30	11 17	10 47	10 30	2 53	4 57
S 21	23 17	14 39	5 4	24 46	2 21	22 28	1 32	0 32	0 39	21 30	0 53	0 3	1 59	4 45	0 43	10 32	1 34	17 46	6 30	11 13	10 46	10 29	2 54	4 58
M22	23 17	11 5	4 50	24 36	2 22	22 15	1 34	0 15	0 38	21 30	0 53	0 2	1 59	4 45	0 43	10 31	1 34	17 47	6 30	11 11	10 45	10 27	2 55	4 58
T 23	23 17	6 53	4 18	24 25	2 22	22 2	1 35	0n 2	0 36	21 29	0 53	0 2	1 59	4 45	0 43	10 31	1 34	17 47	6 31	11 9	10 44	10 25	2 56	4 58
W24	23 16	2 21	3 30	24 13	2 22	21 48	1 37	0 19	0 34	21 28	0 53	0 1	1 59	4 45	0 43	10 31	1 34	17 47	6 31	11 7	10 43	10 23	2 57	4 59
T 25	23 15	2s13	2 30	24 0	2 21	21 34	1 38	0 36	0 32	21 27	0 53	0 0	2 0	4 45	0 43	10 31	1 34	17 48	6 31	11 7	10 42	10 22	2 58	4 59
F 26	23 14	6 34	1 23	23 45	2 20	21 19	1 39	0 53	0 30	21 27	0 52	0s 0	2 0	4 45	0 43	10 31	1 34	17 48	6 31	11 7	10 41	10 20	2 59	4 59
S 27	23 12	10 30	0 12	23 29	2 18	21 3	1 40	1 10	0 29	21 26	0 52	0 1	2 0	4 45	0 43	10 31	1 34	17 49	6 31	11 7	10 39	10 18	3 0	5 0
S 28	23 9	13 50	0n58	23 12	2 15	20 47	1 41	1 27	0 27	21 26	0 52	0 2	2 0	4 45	0 43	10 30	1 34	17 49	6 32	11 7	10 38	10 16	3 1	5 0
M29	23 7	16 25	2 3	22 54	2 12	20 30	1 42	1 44	0 25	21 25	0 52	0 2	2 1	4 46	0 43	10 30	1 34	17 50	6 32	11 6	10 37	10 15	3 2	5 0
T 30	23 3	18 9	3 1	22 36	2 8	20 13	1 43	2 1	0 23	21 24	0 52	0 3	2 1	4 46	0 43	10 30	1 34	17 50	6 32	11 4	10 36	10 13	3 3	5 1
W31	22s59	18s58	3n49	22s16	2s 3	19s55	1s44	2n18	0s22	21n24	0s51	0s 3	2n 1	4n46	0s43	10n30	1s34	17n51	6n32	11s 1	10s35	10s11	3s 3	5s 1

Julian Day Number = 2885056.5, Delta T = 01h17m00s
Ecliptic obliquity = 23°17'00, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°21'46, Lahiri = 40°28'46

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3187
geocentric

JANUARY 3187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 42 18	9♉50'33	0♉42	0♒ 4	8♒53	7♈19	13°R10	4♎51	13♈50	1°R38	29°R 4	28°R45	27♎38	20♒ 8	26♍ 5	T 1
F 2	6 46 15	10°51'30	12°57	1°12	10° 7	7°58	13♊ 3	4°53	13°51	1♉38	29♌ 3	28♎31	27°35	20°15	26° 6	F 2
S 3	6 50 11	11°52'29	25° 5	2°17	11°21	8°37	12°57	4°54	13°51	1°38	29° 2	28°17	27°32	20°21	26° 7	S 3
S 4	6 54 8	12°53'28	7♒ 5	3°17	12°35	9°17	12°51	4°55	13°52	1°37	29° 1	28° 3	27°28	20°28	26° 8	S 4
M 5	6 58 5	13°54'28	18°59	4°12	13°50	9°56	12°45	4°57	13°52	1°37	29° 0	27°51	27°25	20°35	26° 8	M 5
T 6	7 2 1	14°55'28	0♓49	5° 1	15° 4	10°36	12°39	4°58	13°53	1°37	28°59	27°41	27°22	20°41	26° 8	T 6
W 7	7 5 58	15°56'29	12°38	5°44	16°18	11°16	12°34	4°59	13°54	1°37	28°58	27°33	27°19	20°48	26° 9	W 7
T 8	7 9 54	16°57'30	24°30	6°19	17°32	11°55	12°28	4°59	13°55	1°36	28°57	27°29	27°16	20°55	26° 9	T 8
F 9	7 13 51	17°58'31	6♈29	6°46	18°46	12°35	12°23	5° 0	13°55	1°36	28°56	27°27	27°12	21° 2	26°R 9	F 9
S 10	7 17 47	18°59'33	18°41	7° 4	20° 0	13°15	12°18	5° 1	13°56	1°36	28°55	27°D26	27° 9	21° 8	26° 9	S 10
S 11	7 21 44	20° 0'35	1♉10	7°R12	21°14	13°55	12°13	5° 1	13°57	1°36	28°54	27°R26	27° 6	21°15	26° 9	S 11
M12	7 25 40	21° 1'37	14° 3	7° 8	22°28	14°35	12° 8	5° 1	13°58	1°D36	28°53	27°26	27° 3	21°22	26° 9	M12
T 13	7 29 37	22° 2'40	27°23	6°54	23°42	15°15	12° 3	5° 2	13°59	1°36	28°52	27°23	27° 0	21°28	26° 8	T 13
W14	7 33 34	23° 3'42	11♊14	6°27	24°56	15°55	11°59	5° 2	14° 0	1°36	28°51	27°18	26°57	21°35	26° 8	W14
T 15	7 37 30	24° 4'45	25°34	5°49	26°10	16°35	11°55	5°R 2	14° 1	1°36	28°50	27°10	26°53	21°42	26° 7	T 15
F 16	7 41 27	25° 5'48	10♋20	4°59	27°24	17°15	11°51	5° 2	14° 3	1°36	28°49	26°59	26°50	21°49	26° 7	F 16
S 17	7 45 23	26° 6'51	25°26	3°59	28°38	17°55	11°47	5° 2	14° 4	1°37	28°48	26°47	26°47	21°55	26° 6	S 17
S 18	7 49 20	27° 7'55	10♌41	2°51	29°52	18°35	11°43	5° 1	14° 5	1°37	28°47	26°36	26°44	22° 2	26° 5	S 18
M19	7 53 16	28° 8'58	25°53	1°35	1♓ 6	19°15	11°39	5° 1	14° 6	1°37	28°46	26°25	26°41	22° 9	26° 4	M19
T 20	7 57 13	29°10'02	10♍53	0°15	2°20	19°55	11°36	5° 0	14° 8	1°37	28°44	26°17	26°38	22°15	26° 3	T 20
W21	8 1 9	0♒11'07	25°33	28♉53	3°33	20°35	11°33	5° 0	14° 9	1°38	28°43	26°12	26°34	22°22	26° 1	W21
T 22	8 5 6	1°12'11	9♎47	27°33	4°47	21°16	11°30	4°59	14°11	1°38	28°42	26°10	26°31	22°29	26° 0	T 22
F 23	8 9 3	2°13'16	23°37	26°15	6° 1	21°56	11°27	4°58	14°12	1°38	28°41	26° 9	26°28	22°35	25°59	F 23
S 24	8 12 59	3°14'22	7♏ 1	25° 4	7°14	22°36	11°25	4°57	14°14	1°39	28°40	26° 9	26°25	22°42	25°57	S 24
S 25	8 16 56	4°15'28	20° 4	24° 0	8°28	23°17	11°23	4°56	14°15	1°39	28°38	26° 8	26°22	22°49	25°55	S 25
M26	8 20 52	5°16'34	2♐50	23° 4	9°41	23°57	11°21	4°55	14°17	1°40	28°37	26° 6	26°18	22°56	25°53	M26
T 27	8 24 49	6°17'40	15°20	22°19	10°55	24°37	11°19	4°54	14°19	1°40	28°36	26° 0	26°15	23° 2	25°52	T 27
W28	8 28 45	7°18'46	27°40	21°43	12° 8	25°18	11°17	4°52	14°21	1°41	28°34	25°52	26°12	23° 9	25°50	W28
T 29	8 32 42	8°19'53	9♑51	21°17	13°22	25°58	11°15	4°51	14°22	1°41	28°33	25°40	26° 9	23°16	25°48	T 29
F 30	8 36 38	9°20'59	21°55	21° 1	14°35	26°39	11°14	4°49	14°24	1°42	28°32	25°27	26° 6	23°22	25°45	F 30
S 31	8 40 35	10♒22'05	3♒53	20°D55	15♓48	27♈19	11♊13	4♎47	14♈26	1♉42	28♌31	25♎12	26♎ 3	23♒29	25♍43	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22s55	18s51	4n26	21s55	1s58	19s36	1s45	2n35	0s20	21n23	0s51	0s 3	2n 2	4n46	0s43	10n30	1s34	17n51	6n33	10s57	10s34	10s 9	3s 4	5s 1	
F 2	22 51	17 51	4 50	21 34	1 51	19 17	1 45	2 51	0 18	21 22	0 51	0 4	2 2	4 46	0 43	10 30	1 34	17 52	6 33	10 53	10 33	10 8	3 5	5 1	
S 3	22 45	16 3	5 0	21 13	1 44	18 58	1 46	3 8	0 17	21 22	0 51	0 4	2 2	4 47	0 42	10 30	1 34	17 52	6 33	10 48	10 32	10 6	3 5	5 2	
S 4	22 40	13 35	4 57	20 51	1 35	18 37	1 46	3 25	0 15	21 21	0 51	0 4	2 2	4 47	0 42	10 30	1 34	17 53	6 33	10 43	10 30	10 4	3 6	5 2	
M 5	22 34	10 35	4 41	20 28	1 26	18 17	1 47	3 42	0 14	21 21	0 50	0 4	2 3	4 47	0 42	10 30	1 34	17 53	6 33	10 38	10 29	10 3	3 6	5 2	
T 6	22 27	7 10	4 13	20 6	1 15	17 55	1 47	3 59	0 12	21 20	0 50	0 4	2 3	4 47	0 42	10 30	1 34	17 54	6 34	10 35	10 28	10 1	3 7	5 3	
W 7	22 20	3 29	3 33	19 45	1 4	17 34	1 48	4 16	0 11	21 20	0 50	0 5	2 3	4 48	0 42	10 30	1 33	17 54	6 34	10 32	10 27	9 59	3 7	5 3	
T 8	22 13	0n21	2 45	19 23	0 51	17 11	1 48	4 33	0 9	21 19	0 50	0 5	2 4	4 48	0 42	10 30	1 33	17 55	6 34	10 31	10 26	9 57	3 7	5 3	
F 9	22 5	4 13	1 49	19 3	0 36	16 49	1 48	4 49	0 8	21 19	0 49	0 5	2 4	4 48	0 42	10 30	1 33	17 55	6 34	10 30	10 25	9 56	3 8	5 4	
S 10	21 57	7 59	0 46	18 44	0 21	16 26	1 48	5 6	0 6	21 18	0 49	0 5	2 4	4 49	0 42	10 30	1 33	17 56	6 34	10 30	10 24	9 54	3 8	5 4	
S 11	21 48	11 30	0s20	18 26	0 5	16 2	1 48	5 23	0 5	21 18	0 49	0 5	2 4	4 49	0 42	10 30	1 33	17 56	6 35	10 30	10 22	9 52	3 8	5 4	
M12	21 39	14 34	1 27	18 10	0n13	15 38	1 48	5 39	0 3	21 18	0 49	0 4	2 5	4 50	0 42	10 30	1 33	17 57	6 35	10 29	10 21	9 50	3 8	5 5	
T 13	21 30	17 0	2 31	17 56	0 31	15 14	1 48	5 56	0 2	21 17	0 49	0 4	2 5	4 50	0 42	10 30	1 33	17 57	6 35	10 28	10 20	9 49	3 9	5 5	
W14	21 20	18 31	3 29	17 44	0 50	14 49	1 48	6 13	0 1	21 17	0 48	0 4	2 5	4 51	0 42	10 30	1 33	17 58	6 35	10 27	10 19	9 47	3 9	5 5	
T 15	21 9	18 56	4 16	17 34	1 9	14 24	1 47	6 29	0n 1	21 17	0 48	0 4	2 5	4 51	0 42	10 30	1 33	17 59	6 35	10 24	10 18	9 45	3 9	5 5	
F 16	20 59	18 6	4 48	17 27	1 29	13 58	1 47	6 46	0 2	21 16	0 48	0 4	2 6	4 52	0 42	10 30	1 33	17 59	6 36	10 20	10 17	9 43	3 9	5 6	
S 17	20 47	16 0	5 0	17 23	1 48	13 32	1 46	7 2	0 3	21 16	0 48	0 3	2 6	4 52	0 42	10 30	1 33	18 0	6 36	10 16	10 16	9 42	3 9	5 6	
S 18	20 36	12 46	4 51	17 21	2 6	13 6	1 46	7 19	0 5	21 16	0 47	0 3	2 6	4 53	0 42	10 30	1 33	18 0	6 36	10 12	10 14	9 40	3 8	5 6	
M19	20 24	8 42	4 22	17 21	2 23	12 39	1 45	7 35	0 6	21 16	0 47	0 2	2 7	4 53	0 42	10 30	1 33	18 1	6 36	10 8	10 13	9 38	3 8	5 6	
T 20	20 11	4 7	3 35	17 24	2 38	12 12	1 44	7 51	0 7	21 15	0 47	0 2	2 7	4 54	0 42	10 31	1 33	18 1	6 36	10 5	10 12	9 36	3 8	5 7	
W21	19 59	0s36	2 34	17 28	2 51	11 45	1 44	8 7	0 9	21 15	0 47	0 1	2 7	4 54	0 42	10 31	1 33	18 2	6 36	10 3	10 11	9 34	3 8	5 7	
T 22	19 46	5 10	1 25	17 33	3 1	11 17	1 43	8 24	0 10	21 15	0 46	0 1	2 7	4 55	0 42	10 31	1 33	18 3	6 37	10 2	10 10	9 33	3 8	5 7	
F 23	19 32	9 19	0 13	17 40	3 9	10 49	1 42	8 40	0 11	21 15	0 46	0 0	2 8	4 55	0 42	10 31	1 33	18 3	6 37	10 2	10 9	9 31	3 7	5 7	
S 24	19 18	12 52	0n57	17 47	3 15	10 21	1 41	8 56	0 12	21 15	0 46	0n 0	2 8	4 56	0 42	10 31	1 33	18 4	6 37	10 2	10 8	9 29	3 7	5 8	
S 25	19 4	15 40	2 3	17 56	3 17	9 53	1 39	9 12	0 13	21 15	0 46	0 1	2 8	4 57	0 42	10 31	1 33	18 4	6 37	10 2	10 7	9 27	3 6	5 8	
M26	18 50	17 38	3 1	18 4	3 18	9 24	1 38	9 28	0 15	21 15	0 45	0 2	2 8	4 57	0 42	10 32	1 33	18 5	6 37	10 1	10 5	9 26	3 6	5 8	
T 27	18 35	18 41	3 49	18 13	3 16	8 55	1 37	9 43	0 16	21 15	0 45	0 2	2 9	4 58	0 42	10 32	1 32	18 5	6 37	9 59	10 4	9 24	3 5	5 8	
W28	18 19	18 51	4 25	18 22	3 13	8 26	1 35	9 59	0 17	21 15	0 45	0 3	2 9	4 59	0 42	10 32	1 32	18 6	6 37	9 56	10 3	9 22	3 5	5 9	
T 29	18 4	18 7	4 49	18 31	3 8	7 57	1 34	10 15	0 18	21 15	0 45	0 4	2 9	5 0	0 41	10 32	1 32	18 7	6 38	9 52	10 2	9 20	3 4	5 9	
F 30	17 48	16 35	5 0	18 39	3 2	7 27	1 32	10 30	0 19	21 15	0 44	0 5	2 10	5 0	0 41	10 33	1 32	18 7	6 38	9 47	10 1	9 19	3 3	5 9	
S 31	17s32	14s20	4n57	18s48	2n54	6s57	1s30	10n46	0n20	21n15	0s44	0n 6	2n10	5n 1	0s41	10n33	1s32	18n 8	6n38	9s42	10s 0	9s17	3s 3	5s 9	

Julian Day Number = 2885087.5, Delta T = 01h17m01s
Ecliptic obliquity = 23°17'00, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°21'50, Lahiri = 40°28'50

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ASTRODIENST EPHEMERIS for the year 3187
geocentric

FEBRUARY 3187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 44 32	11♒23'11	15♒48	20♑57	17♓ 1	27♈59	11°R12	4°R46	14♈28	1♉43	28°R29	24°R58	25♎59	23♒36	25°R41	S 1
M 2	8 48 28	12°24'17	27°39	21° 7	18°15	28°40	11♊12	4♎44	14°30	1°44	28♌28	24♎45	25°56	23°43	25♍38	M 2
T 3	8 52 25	13°25'22	9♓29	21°25	19°28	29°20	11°11	4°42	14°32	1°45	28°27	24°34	25°53	23°49	25°36	T 3
W 4	8 56 21	14°26'27	21°19	21°50	20°41	0♉ 1	11°11	4°39	14°34	1°45	28°25	24°26	25°50	23°56	25°33	W 4
T 5	9 0 18	15°27'31	3♈13	22°21	21°54	0°42	11°D11	4°37	14°36	1°46	28°24	24°22	25°47	24° 3	25°30	T 5
F 6	9 4 14	16°28'34	15°13	22°57	23° 7	1°22	11°11	4°35	14°38	1°47	28°23	24°19	25°44	24° 9	25°27	F 6
S 7	9 8 11	17°29'37	27°24	23°39	24°19	2° 3	11°11	4°32	14°40	1°48	28°21	24°D19	25°40	24°16	25°24	S 7
S 8	9 12 7	18°30'39	9♉50	24°25	25°32	2°43	11°12	4°30	14°43	1°49	28°20	24°19	25°37	24°23	25°21	S 8
M 9	9 16 4	19°31'41	22°37	25°15	26°45	3°24	11°13	4°27	14°45	1°50	28°18	24°R20	25°34	24°29	25°18	M 9
T 10	9 20 1	20°32'41	5♊49	26° 9	27°58	4° 5	11°14	4°25	14°47	1°51	28°17	24°18	25°31	24°36	25°15	T 10
W11	9 23 57	21°33'41	19°29	27° 7	29°10	4°45	11°15	4°22	14°49	1°52	28°16	24°15	25°28	24°43	25°12	W11
T 12	9 27 54	22°34'39	3♋40	28° 7	0♈23	5°26	11°16	4°19	14°52	1°53	28°14	24° 9	25°24	24°50	25° 8	T 12
F 13	9 31 50	23°35'37	18°19	29°10	1°35	6° 6	11°18	4°16	14°54	1°54	28°13	24° 2	25°21	24°56	25° 5	F 13
S 14	9 35 47	24°36'34	3♌22	0♒16	2°47	6°47	11°20	4°13	14°57	1°55	28°11	23°52	25°18	25° 3	25° 1	S 14
S 15	9 39 43	25°37'30	18°40	1°24	4° 0	7°28	11°22	4°10	14°59	1°56	28°10	23°43	25°15	25°10	24°58	S 15
M16	9 43 40	26°38'25	4♍ 1	2°34	5°12	8° 8	11°24	4° 7	15° 2	1°57	28° 9	23°35	25°12	25°16	24°54	M16
T 17	9 47 36	27°39'19	19°14	3°46	6°24	8°49	11°26	4° 3	15° 4	1°58	28° 7	23°28	25° 9	25°23	24°50	T 17
W18	9 51 33	28°40'12	4♎10	5° 0	7°36	9°29	11°29	4° 0	15° 7	2° 0	28° 6	23°24	25° 5	25°30	24°46	W18
T 19	9 55 30	29°41'05	18°41	6°15	8°48	10°10	11°32	3°56	15° 9	2° 1	28° 4	23°D23	25° 2	25°37	24°42	T 19
F 20	9 59 26	0♓41'57	2♏43	7°32	10° 0	10°51	11°35	3°53	15°12	2° 2	28° 3	23°23	24°59	25°43	24°38	F 20
S 21	10 3 23	1°42'49	16°18	8°50	11°11	11°31	11°38	3°49	15°15	2° 3	28° 2	23°24	24°56	25°50	24°34	S 21
S 22	10 7 19	2°43'40	29°27	10°10	12°23	12°12	11°41	3°45	15°17	2° 5	28° 0	23°R25	24°53	25°57	24°30	S 22
M23	10 11 16	3°44'30	12♐13	11°31	13°35	12°52	11°45	3°42	15°20	2° 6	27°59	23°24	24°50	26° 3	24°26	M23
T 24	10 15 12	4°45'19	24°41	12°53	14°46	13°33	11°49	3°38	15°23	2° 8	27°57	23°22	24°46	26°10	24°22	T 24
W25	10 19 9	5°46'08	6♑55	14°16	15°57	14°14	11°53	3°34	15°26	2° 9	27°56	23°18	24°43	26°17	24°18	W25
T 26	10 23 5	6°46'56	18°58	15°40	17° 8	14°54	11°57	3°30	15°29	2°10	27°55	23°11	24°40	26°23	24°14	T 26
F 27	10 27 2	7°47'42	0♒55	17° 5	18°20	15°35	12° 1	3°26	15°31	2°12	27°53	23° 3	24°37	26°30	24° 9	F 27
S 28	10 30 59	8♓48'28	12♒47	18♒31	19♈31	16♉15	12♊ 6	3♎22	15♈34	2♉13	27♌52	22♎54	24♎34	26♒37	24♍ 5	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s15	11s31	4n41	18s55	2n46	6s27	1s29	11n 1	0n21	21n15	0s44	0n 7	2n10	5n 2	0s41	10n33	1s32	18n 8	6n38	9s36	9s58	9s15	3s 2	5s 9
M 2	16 58	8 15	4 13	19 3	2 37	5 57	1 27	11 17	0 22	21 15	0 44	0 8	2 10	5 3	0 41	10 33	1 32	18 9	6 38	9 32	9 57	9 13	3 1	5 10
T 3	16 41	4 39	3 34	19 9	2 28	5 27	1 25	11 32	0 23	21 15	0 43	0 9	2 11	5 3	0 41	10 34	1 32	18 10	6 38	9 28	9 56	9 12	3 0	5 10
W 4	16 24	0 53	2 46	19 15	2 18	4 57	1 23	11 47	0 24	21 16	0 43	0 10	2 11	5 4	0 41	10 34	1 32	18 10	6 38	9 25	9 55	9 10	2 59	5 10
T 5	16 6	2n57	1 50	19 21	2 8	4 26	1 21	12 2	0 25	21 16	0 43	0 11	2 11	5 5	0 41	10 34	1 32	18 11	6 38	9 23	9 54	9 8	2 58	5 10
F 6	15 48	6 42	0 48	19 25	1 57	3 55	1 19	12 17	0 26	21 16	0 43	0 12	2 11	5 6	0 41	10 35	1 32	18 11	6 39	9 22	9 53	9 6	2 57	5 10
S 7	15 29	10 13	0s16	19 28	1 47	3 25	1 16	12 32	0 27	21 16	0 42	0 13	2 12	5 7	0 41	10 35	1 32	18 12	6 39	9 22	9 52	9 4	2 56	5 10
S 8	15 11	13 22	1 22	19 31	1 36	2 54	1 14	12 47	0 28	21 17	0 42	0 15	2 12	5 8	0 41	10 35	1 32	18 12	6 39	9 22	9 50	9 3	2 55	5 10
M 9	14 52	15 58	2 25	19 32	1 26	2 23	1 12	13 2	0 29	21 17	0 42	0 16	2 12	5 9	0 41	10 36	1 32	18 13	6 39	9 22	9 49	9 1	2 54	5 11
T 10	14 33	17 49	3 22	19 33	1 16	1 52	1 9	13 16	0 30	21 17	0 42	0 17	2 12	5 9	0 41	10 36	1 32	18 14	6 39	9 22	9 48	8 59	2 53	5 11
W11	14 14	18 42	4 11	19 32	1 5	1 21	1 6	13 31	0 31	21 18	0 41	0 18	2 12	5 10	0 41	10 36	1 32	18 14	6 39	9 21	9 47	8 57	2 52	5 11
T 12	13 54	18 29	4 45	19 30	0 55	0 50	1 4	13 45	0 32	21 18	0 41	0 20	2 13	5 11	0 41	10 37	1 32	18 15	6 39	9 19	9 46	8 56	2 50	5 11
F 13	13 34	17 2	5 3	19 27	0 45	0 18	1 1	13 59	0 33	21 19	0 41	0 21	2 13	5 12	0 41	10 37	1 32	18 15	6 39	9 16	9 45	8 54	2 49	5 11
S 14	13 14	14 24	5 0	19 23	0 35	0n13	0 58	14 13	0 34	21 19	0 41	0 22	2 13	5 13	0 41	10 38	1 32	18 16	6 39	9 12	9 44	8 52	2 48	5 11
S 15	12 54	10 45	4 36	19 18	0 26	0 44	0 55	14 27	0 35	21 20	0 41	0 24	2 13	5 14	0 41	10 38	1 32	18 16	6 39	9 9	9 42	8 50	2 46	5 11
M16	12 33	6 21	3 53	19 11	0 16	1 15	0 52	14 41	0 35	21 20	0 40	0 25	2 14	5 15	0 41	10 39	1 32	18 17	6 40	9 6	9 41	8 49	2 45	5 11
T 17	12 13	1 35	2 52	19 4	0 7	1 46	0 49	14 55	0 36	21 21	0 40	0 27	2 14	5 16	0 41	10 39	1 31	18 18	6 40	9 3	9 40	8 47	2 44	5 11
W18	11 52	3s12	1 41	18 55	0s 2	2 17	0 46	15 9	0 37	21 21	0 40	0 28	2 14	5 17	0 41	10 39	1 31	18 18	6 40	9 2	9 39	8 45	2 42	5 11
T 19	11 31	7 40	0 25	18 45	0 10	2 48	0 43	15 22	0 38	21 22	0 40	0 30	2 14	5 18	0 41	10 40	1 31	18 19	6 40	9 1	9 38	8 43	2 41	5 11
F 20	11 9	11 33	0n50	18 34	0 19	3 19	0 40	15 36	0 39	21 23	0 39	0 32	2 14	5 19	0 41	10 40	1 31	18 19	6 40	9 2	9 37	8 41	2 39	5 11
S 21	10 48	14 41	2 0	18 22	0 27	3 50	0 36	15 49	0 39	21 23	0 39	0 33	2 15	5 20	0 41	10 41	1 31	18 20	6 40	9 2	9 35	8 40	2 37	5 11
S 22	10 26	16 57	3 2	18 9	0 35	4 21	0 33	16 2	0 40	21 24	0 39	0 35	2 15	5 21	0 41	10 41	1 31	18 20	6 40	9 2	9 34	8 38	2 36	5 11
M23	10 4	18 16	3 52	17 54	0 43	4 52	0 30	16 15	0 41	21 25	0 39	0 37	2 15	5 22	0 41	10 42	1 31	18 21	6 40	9 2	9 33	8 36	2 34	5 11
T 24	9 42	18 41	4 30	17 38	0 50	5 23	0 26	16 28	0 42	21 25	0 38	0 38	2 15	5 24	0 41	10 42	1 31	18 21	6 40	9 1	9 32	8 34	2 33	5 11
W25	9 20	18 11	4 55	17 21	0 57	5 53	0 23	16 41	0 42	21 26	0 38	0 40	2 15	5 25	0 41	10 43	1 31	18 22	6 40	9 0	9 31	8 32	2 31	5 11
T 26	8 58	16 53	5 7	17 3	1 4	6 24	0 19	16 53	0 43	21 27	0 38	0 42	2 16	5 26	0 41	10 43	1 31	18 23	6 40	8 57	9 30	8 31	2 29	5 11
F 27	8 35	14 52	5 5	16 44	1 10	6 54	0 15	17 6	0 44	21 28	0 38	0 43	2 16	5 27	0 41	10 44	1 31	18 23	6 40	8 54	9 29	8 29	2 27	5 11
S 28	8s13	12s13	4n50	16s23	1s17	7n24	0s11	17n18	0n45	21n29	0s37	0n45	2n16	5n28	0s41	10n45	1s31	18n24	6n40	8s51	9s27	8s27	2s26	5s11

Julian Day Number = 2885118.5, Delta T = 01h17m02s
Ecliptic obliquity = 23°17'00, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°21'54, Lahiri = 40°28'55

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ASTRODIENST EPHEMERIS for the year 3187
geocentric

MARCH 3187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 34 55	9♓49'13	24♒38	19♒59	20♈41	16♉56	12♊10	3°R18	15♈37	2♉15	27°R51	22°R45	24♎30	26♒44	24°R 0	S 1
M 2	10 38 52	10°49'56	6♓29	21°27	21°52	17°37	12°15	3♎13	15°40	2°16	27♌49	22♎37	24°27	26°50	23♍56	M 2
T 3	10 42 48	11°50'38	18°21	22°56	23° 3	18°17	12°20	3° 9	15°43	2°18	27°48	22°31	24°24	26°57	23°52	T 3
W 4	10 46 45	12°51'19	0♈17	24°26	24°13	18°58	12°26	3° 5	15°46	2°20	27°46	22°26	24°21	27° 4	23°47	W 4
T 5	10 50 41	13°51'59	12°17	25°57	25°24	19°38	12°31	3° 0	15°49	2°21	27°45	22°24	24°18	27°10	23°42	T 5
F 6	10 54 38	14°52'37	24°26	27°29	26°34	20°19	12°37	2°56	15°52	2°23	27°44	22°D23	24°15	27°17	23°38	F 6
S 7	10 58 34	15°53'13	6♉44	29° 1	27°44	20°59	12°42	2°52	15°55	2°25	27°42	22°24	24°11	27°24	23°33	S 7
S 8	11 2 31	16°53'48	19°15	0♓35	28°54	21°40	12°48	2°47	15°58	2°26	27°41	22°26	24° 8	27°30	23°29	S 8
M 9	11 6 27	17°54'22	2♊ 4	2°10	0♉ 4	22°20	12°54	2°42	16° 1	2°28	27°40	22°27	24° 5	27°37	23°24	M 9
T 10	11 10 24	18°54'53	15°13	3°45	1°14	23° 1	13° 1	2°38	16° 5	2°30	27°39	22°R28	24° 2	27°44	23°19	T 10
W11	11 14 21	19°55'23	28°45	5°21	2°24	23°41	13° 7	2°33	16° 8	2°32	27°37	22°28	23°59	27°51	23°15	W11
T 12	11 18 17	20°55'51	12♋43	6°59	3°33	24°22	13°14	2°29	16°11	2°33	27°36	22°26	23°55	27°57	23°10	T 12
F 13	11 22 14	21°56'18	27° 5	8°37	4°42	25° 2	13°20	2°24	16°14	2°35	27°35	22°23	23°52	28° 4	23° 5	F 13
S 14	11 26 10	22°56'42	11♌50	10°16	5°51	25°43	13°27	2°19	16°17	2°37	27°33	22°19	23°49	28°11	23° 1	S 14
S 15	11 30 7	23°57'05	26°51	11°56	7° 0	26°23	13°34	2°15	16°20	2°39	27°32	22°15	23°46	28°17	22°56	S 15
M16	11 34 3	24°57'26	12♍ 0	13°37	8° 9	27° 4	13°42	2°10	16°24	2°41	27°31	22°11	23°43	28°24	22°51	M16
T 17	11 38 0	25°57'45	27° 8	15°19	9°18	27°44	13°49	2° 5	16°27	2°43	27°30	22° 8	23°40	28°31	22°47	T 17
W18	11 41 56	26°58'02	12♎ 4	17° 2	10°26	28°24	13°56	2° 0	16°30	2°45	27°29	22° 7	23°36	28°37	22°42	W18
T 19	11 45 53	27°58'18	26°41	18°46	11°34	29° 5	14° 4	1°56	16°34	2°46	27°27	22°D 7	23°33	28°44	22°37	T 19
F 20	11 49 50	28°58'33	10♏54	20°31	12°42	29°45	14°12	1°51	16°37	2°48	27°26	22° 7	23°30	28°51	22°33	F 20
S 21	11 53 46	29°58'46	24°39	22°17	13°50	0♊25	14°20	1°46	16°40	2°50	27°25	22° 9	23°27	28°57	22°28	S 21
S 22	11 57 43	0♈58'58	7♐58	24° 4	14°58	1° 6	14°28	1°41	16°43	2°52	27°24	22°10	23°24	29° 4	22°23	S 22
M23	12 1 39	1°59'08	20°51	25°53	16° 5	1°46	14°36	1°36	16°47	2°54	27°23	22°12	23°21	29°11	22°19	M23
T 24	12 5 36	2°59'17	3♑24	27°42	17°13	2°26	14°44	1°31	16°50	2°56	27°22	22°R12	23°17	29°18	22°14	T 24
W25	12 9 32	3°59'25	15°39	29°32	18°20	3° 6	14°53	1°27	16°53	2°58	27°21	22°11	23°14	29°24	22°10	W25
T 26	12 13 29	4°59'31	27°42	1♈24	19°27	3°47	15° 2	1°22	16°57	3° 0	27°20	22°10	23°11	29°31	22° 5	T 26
F 27	12 17 25	5°59'35	9♒37	3°16	20°33	4°27	15°10	1°17	17° 0	3° 3	27°18	22° 8	23° 8	29°38	22° 1	F 27
S 28	12 21 22	6°59'38	21°27	5° 9	21°40	5° 7	15°19	1°12	17° 4	3° 5	27°17	22° 6	23° 5	29°44	21°56	S 28
S 29	12 25 19	7°59'39	3♓17	7° 4	22°46	5°47	15°28	1° 8	17° 7	3° 7	27°16	22° 3	23° 1	29°51	21°52	S 29
M30	12 29 15	8°59'38	15° 9	8°59	23°52	6°27	15°37	1° 3	17°10	3° 9	27°15	22° 1	22°58	29°58	21°47	M30
T 31	12 33 12	9♈59'36	27♓ 6	10♈56	24♉57	7♊ 8	15♊47	0♎58	17♈14	3♉11	27♌14	22♎ 0	22♎55	0♓ 4	21♍43	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s50	9s 6	4n22	16s 2	1s22	7n55	0s 8	17n31	0n45	21n29	0s37	0n47	2n16	5n29	0s41	10n45	1s31	18n24	6n40	8s48	9s26	8s25	2s24	5s11
M 2	7 27	5 37	3 43	15 39	1 28	8 24	0 4	17 43	0 46	21 30	0 37	0 49	2 16	5 30	0 41	10 46	1 31	18 25	6 40	8 45	9 25	8 24	2 22	5 11
T 3	7 5	1 54	2 54	15 15	1 33	8 54	0n 0	17 55	0 47	21 31	0 37	0 51	2 16	5 31	0 41	10 46	1 31	18 25	6 40	8 42	9 24	8 22	2 20	5 10
W 4	6 41	1n54	1 57	14 50	1 38	9 24	0 4	18 6	0 47	21 32	0 37	0 52	2 17	5 33	0 40	10 47	1 31	18 26	6 40	8 41	9 23	8 20	2 18	5 10
T 5	6 18	5 40	0 55	14 24	1 43	9 53	0 8	18 18	0 48	21 33	0 36	0 54	2 17	5 34	0 40	10 47	1 31	18 26	6 40	8 40	9 22	8 18	2 16	5 10
F 6	5 55	9 14	0s11	13 57	1 47	10 22	0 12	18 29	0 49	21 34	0 36	0 56	2 17	5 35	0 40	10 48	1 31	18 27	6 40	8 40	9 20	8 16	2 14	5 10
S 7	5 32	12 27	1 17	13 29	1 51	10 51	0 16	18 41	0 49	21 35	0 36	0 58	2 17	5 36	0 40	10 49	1 31	18 27	6 40	8 40	9 19	8 15	2 12	5 10
S 8	5 8	15 9	2 21	12 59	1 55	11 20	0 20	18 52	0 50	21 36	0 36	1 0	2 17	5 37	0 40	10 49	1 31	18 28	6 40	8 40	9 18	8 13	2 10	5 10
M 9	4 45	17 10	3 20	12 29	1 58	11 48	0 24	19 3	0 50	21 37	0 35	1 2	2 17	5 39	0 40	10 50	1 31	18 28	6 40	8 41	9 17	8 11	2 8	5 9
T 10	4 22	18 20	4 9	11 57	2 1	12 17	0 29	19 14	0 51	21 38	0 35	1 4	2 17	5 40	0 40	10 50	1 31	18 28	6 40	8 41	9 16	8 9	2 6	5 9
W11	3 58	18 30	4 47	11 24	2 4	12 44	0 33	19 24	0 52	21 39	0 35	1 6	2 18	5 41	0 40	10 51	1 31	18 29	6 40	8 41	9 15	8 7	2 4	5 9
T 12	3 34	17 34	5 9	10 51	2 6	13 12	0 37	19 35	0 52	21 40	0 35	1 8	2 18	5 42	0 40	10 52	1 31	18 29	6 40	8 41	9 13	8 6	2 2	5 9
F 13	3 11	15 30	5 12	10 16	2 8	13 39	0 42	19 45	0 53	21 41	0 35	1 10	2 18	5 43	0 40	10 52	1 31	18 30	6 40	8 40	9 12	8 4	2 0	5 8
S 14	2 47	12 24	4 55	9 40	2 9	14 7	0 46	19 55	0 53	21 42	0 34	1 12	2 18	5 45	0 40	10 53	1 31	18 30	6 40	8 38	9 11	8 2	1 58	5 8
S 15	2 23	8 26	4 18	9 3	2 10	14 33	0 50	20 5	0 54	21 43	0 34	1 14	2 18	5 46	0 40	10 54	1 31	18 31	6 40	8 37	9 10	8 0	1 56	5 8
M16	1 59	3 53	3 23	8 25	2 11	15 0	0 55	20 15	0 54	21 44	0 34	1 16	2 18	5 47	0 40	10 54	1 30	18 31	6 40	8 35	9 9	7 58	1 54	5 8
T 17	1 36	0s54	2 13	7 46	2 11	15 26	0 59	20 25	0 55	21 45	0 34	1 17	2 18	5 48	0 40	10 55	1 30	18 32	6 40	8 34	9 8	7 57	1 52	5 7
W18	1 12	5 35	0 55	7 6	2 11	15 52	1 4	20 35	0 55	21 46	0 34	1 19	2 18	5 50	0 40	10 56	1 30	18 32	6 40	8 33	9 6	7 55	1 50	5 7
T 19	0 48	9 50	0n25	6 25	2 10	16 17	1 8	20 44	0 56	21 47	0 33	1 21	2 18	5 51	0 40	10 56	1 30	18 32	6 40	8 33	9 5	7 53	1 48	5 7
F 20	0 24	13 23	1 42	5 43	2 9	16 42	1 12	20 53	0 56	21 48	0 33	1 23	2 18	5 52	0 40	10 57	1 30	18 33	6 40	8 34	9 4	7 51	1 45	5 6
S 21	0 0	16 4	2 50	5 0	2 7	17 7	1 17	21 2	0 57	21 49	0 33	1 25	2 18	5 53	0 40	10 58	1 30	18 33	6 40	8 34	9 3	7 49	1 43	5 6
S 22	0n23	17 46	3 47	4 16	2 5	17 31	1 21	21 11	0 57	21 51	0 33	1 27	2 19	5 55	0 40	10 58	1 30	18 33	6 40	8 35	9 2	7 48	1 41	5 6
M23	0 47	18 29	4 30	3 31	2 3	17 55	1 26	21 19	0 58	21 52	0 33	1 29	2 19	5 56	0 40	10 59	1 30	18 34	6 40	8 35	9 1	7 46	1 39	5 5
T 24	1 11	18 16	4 59	2 45	2 0	18 19	1 31	21 28	0 58	21 53	0 32	1 31	2 19	5 57	0 40	11 0	1 30	18 34	6 40	8 35	8 59	7 44	1 37	5 5
W25	1 35	17 11	5 14	1 58	1 56	18 42	1 35	21 36	0 59	21 54	0 32	1 33	2 19	5 59	0 40	11 0	1 30	18 35	6 40	8 35	8 58	7 42	1 35	5 4
T 26	1 58	15 21	5 14	1 10	1 53	19 4	1 40	21 44	0 59	21 55	0 32	1 35	2 19	6 0	0 40	11 1	1 30	18 35	6 40	8 35	8 57	7 40	1 33	5 4
F 27	2 22	12 53	5 1	0 22	1 48	19 27	1 44	21 52	1 0	21 56	0 32	1 37	2 19	6 1	0 40	11 2	1 30	18 35	6 40	8 34	8 56	7 39	1 30	5 4
S 28	2 46	9 54	4 36	0n27	1 43	19 49	1 49	22 0	1 0	21 57	0 32	1 39	2 19	6 2	0 40	11 3	1 30	18 35	6 40	8 33	8 55	7 37	1 28	5 3
S 29	3 9	6 32	3 58	1 17	1 38	20 10	1 53	22 7	1 0	21 59	0 32	1 41	2 19	6 4	0 40	11 3	1 30	18 36	6 40	8 32	8 54	7 35	1 26	5 3
M30	3 33	2 53	3 10	2 8	1 31	20 31	1 58	22 15	1 1	22 0	0 31	1 43	2 19	6 5	0 40	11 4	1 30	18 36	6 40	8 31	8 52	7 33	1 24	5 2
T 31	3n56	0n54	2n14	3n 0	1s25	20n51	2n 2	22n22	1n 1	22n 1	0s31	1n45	2n19	6n 6	0s40	11n 5	1s30	18n36	6n40	8s31	8s51	7s31	1s22	5s 2

Julian Day Number = 2885146.5, Delta T = 01h17m02s
Ecliptic obliquity = 23°17'01, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°21'58, Lahiri = 40°28'59

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ASTRODIENST EPHEMERIS for the year 3187
geocentric

APRIL 3187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 37 8	10♈59'32	9♈10	12♈53	26♉ 3	7♊48	15♊56	0°R53	17♈17	3♉13	27°R14	21°R59	22♎52	0♓11	21°R39	W 1
T 2	12 41 5	11°59'26	21°22	14°51	27° 8	8°28	16° 6	0♎49	17°21	3°15	27♌13	21°D59	22°49	0°18	21♍35	T 2
F 3	12 45 1	12°59'18	3♉45	16°49	28°13	9° 8	16°15	0°44	17°24	3°17	27°12	21♎59	22°46	0°25	21°30	F 3
S 4	12 48 58	13°59'08	16°19	18°48	29°18	9°48	16°25	0°39	17°27	3°20	27°11	21°59	22°42	0°31	21°26	S 4
S 5	12 52 54	14°58'56	29° 6	20°48	0♊22	10°28	16°35	0°35	17°31	3°22	27°10	22° 0	22°39	0°38	21°22	S 5
M 6	12 56 51	15°58'42	12♊ 8	22°47	1°26	11° 8	16°45	0°30	17°34	3°24	27° 9	22° 1	22°36	0°45	21°18	M 6
T 7	13 0 47	16°58'26	25°25	24°47	2°30	11°48	16°55	0°26	17°38	3°26	27° 8	22° 1	22°33	0°51	21°14	T 7
W 8	13 4 44	17°58'08	8♋59	26°46	3°34	12°28	17° 5	0°21	17°41	3°28	27° 7	22° 2	22°30	0°58	21°10	W 8
T 9	13 8 41	18°57'47	22°50	28°44	4°37	13° 8	17°16	0°17	17°45	3°30	27° 7	22°R 2	22°26	1° 5	21° 6	T 9
F 10	13 12 37	19°57'25	6♌59	0♉42	5°40	13°48	17°26	0°12	17°48	3°33	27° 6	22° 1	22°23	1°11	21° 3	F 10
S 11	13 16 34	20°56'59	21°23	2°38	6°43	14°28	17°36	0° 8	17°51	3°35	27° 5	22° 1	22°20	1°18	20°59	S 11
S 12	13 20 30	21°56'32	6♍ 0	4°33	7°45	15° 8	17°47	0° 4	17°55	3°37	27° 4	22°D 1	22°17	1°25	20°55	S 12
M13	13 24 27	22°56'03	20°44	6°25	8°47	15°48	17°58	29♍59	17°58	3°39	27° 4	22° 1	22°14	1°31	20°52	M13
T 14	13 28 23	23°55'31	5♎29	8°15	9°48	16°28	18° 9	29°55	18° 2	3°42	27° 3	22° 1	22°11	1°38	20°48	T 14
W15	13 32 20	24°54'57	20° 8	10° 2	10°49	17° 8	18°20	29°51	18° 5	3°44	27° 2	22°R 2	22° 7	1°45	20°45	W15
T 16	13 36 16	25°54'21	4♏35	11°46	11°50	17°47	18°31	29°47	18° 9	3°46	27° 2	22° 1	22° 4	1°52	20°41	T 16
F 17	13 40 13	26°53'44	18°44	13°26	12°50	18°27	18°42	29°43	18°12	3°48	27° 1	22° 1	22° 1	1°58	20°38	F 17
S 18	13 44 10	27°53'04	2♐30	15° 2	13°50	19° 7	18°53	29°39	18°15	3°51	27° 1	22° 1	21°58	2° 5	20°35	S 18
S 19	13 48 6	28°52'23	15°53	16°33	14°50	19°47	19° 4	29°35	18°19	3°53	27° 0	22° 0	21°55	2°12	20°32	S 19
M20	13 52 3	29°51'40	28°53	17°59	15°49	20°26	19°15	29°31	18°22	3°55	26°59	21°59	21°52	2°18	20°29	M20
T 21	13 55 59	0♑50'56	11♑31	19°20	16°47	21° 6	19°27	29°28	18°25	3°57	26°59	21°58	21°48	2°25	20°26	T 21
W22	13 59 56	1°50'09	23°50	20°36	17°45	21°46	19°38	29°24	18°29	4° 0	26°59	21°58	21°45	2°32	20°23	W22
T 23	14 3 52	2°49'21	5♒55	21°45	18°43	22°26	19°50	29°20	18°32	4° 2	26°58	21°D57	21°42	2°38	20°20	T 23
F 24	14 7 49	3°48'31	17°51	22°49	19°40	23° 5	20° 2	29°17	18°36	4° 4	26°58	21°58	21°39	2°45	20°18	F 24
S 25	14 11 45	4°47'40	29°42	23°47	20°37	23°45	20°14	29°13	18°39	4° 7	26°57	21°59	21°36	2°52	20°15	S 25
S 26	14 15 42	5°46'46	11♓32	24°38	21°33	24°24	20°25	29°10	18°42	4° 9	26°57	22° 0	21°32	2°58	20°13	S 26
M27	14 19 39	6°45'51	23°27	25°23	22°29	25° 4	20°37	29° 7	18°46	4°11	26°57	22° 1	21°29	3° 5	20°10	M27
T 28	14 23 35	7°44'54	5♈29	26° 1	23°24	25°44	20°49	29° 3	18°49	4°13	26°56	22° 2	21°26	3°12	20° 8	T 28
W29	14 27 32	8°43'55	17°41	26°33	24°18	26°23	21° 2	29° 0	18°52	4°16	26°56	22°R 3	21°23	3°18	20° 6	W29
T 30	14 31 28	9♉42'55	0♉ 7	26♉58	25♊12	27♊ 3	21♊14	28♍57	18♈55	4♉18	26♌56	22♎ 3	21♎20	3♓25	20♍ 4	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n19	4n41	1n10	3n52	1s18	21n11	2n 6	22n29	1n 2	22n 2	0s31	1n46	2n19	6n 8	0s40	11n 6	1s30	18n37	6n40	8s31	8s50	7s30	1s20	5s 1
T 2	4 43	8 20	0 3	4 44	1 10	21 31	2 11	22 36	1 2	22 3	0 31	1 48	2 19	6 9	0 40	11 6	1 30	18 37	6 40	8 30	8 49	7 28	1 18	5 1
F 3	5 6	11 40	1s 5	5 37	1 2	21 50	2 15	22 42	1 2	22 4	0 31	1 50	2 19	6 10	0 40	11 7	1 30	18 37	6 40	8 30	8 48	7 26	1 16	5 0
S 4	5 29	14 31	2 11	6 30	0 53	22 9	2 20	22 49	1 3	22 5	0 30	1 52	2 19	6 12	0 40	11 8	1 30	18 37	6 40	8 31	8 47	7 24	1 14	5 0
S 5	5 52	16 42	3 12	7 23	0 44	22 27	2 24	22 55	1 3	22 7	0 30	1 54	2 19	6 13	0 40	11 9	1 30	18 38	6 40	8 31	8 45	7 22	1 11	4 59
M 6	6 15	18 4	4 4	8 16	0 34	22 44	2 28	23 1	1 3	22 8	0 30	1 56	2 19	6 14	0 40	11 9	1 30	18 38	6 40	8 31	8 44	7 21	1 9	4 59
T 7	6 38	18 28	4 44	9 10	0 24	23 1	2 33	23 7	1 4	22 9	0 30	1 57	2 19	6 16	0 40	11 10	1 30	18 38	6 40	8 31	8 43	7 19	1 7	4 58
W 8	7 0	17 50	5 9	10 2	0 14	23 18	2 37	23 12	1 4	22 10	0 30	1 59	2 19	6 17	0 40	11 11	1 30	18 38	6 39	8 31	8 42	7 17	1 5	4 58
T 9	7 23	16 9	5 18	10 55	0 3	23 34	2 41	23 18	1 4	22 11	0 30	2 1	2 19	6 18	0 40	11 12	1 30	18 39	6 39	8 31	8 41	7 15	1 3	4 57
F 10	7 45	13 27	5 7	11 47	0n 8	23 49	2 45	23 23	1 5	22 12	0 29	2 3	2 19	6 19	0 40	11 12	1 30	18 39	6 39	8 31	8 40	7 13	1 1	4 57
S 11	8 7	9 54	4 37	12 37	0 20	24 4	2 50	23 28	1 5	22 13	0 29	2 4	2 19	6 21	0 40	11 13	1 30	18 39	6 39	8 31	8 38	7 12	0 59	4 56
S 12	8 30	5 42	3 49	13 27	0 32	24 19	2 54	23 33	1 5	22 15	0 29	2 6	2 19	6 22	0 40	11 14	1 30	18 39	6 39	8 31	8 37	7 10	0 57	4 55
M13	8 52	1 7	2 45	14 16	0 44	24 33	2 58	23 37	1 6	22 16	0 29	2 8	2 19	6 23	0 40	11 15	1 30	18 39	6 39	8 31	8 36	7 8	0 56	4 55
T 14	9 13	3s33	1 31	15 3	0 55	24 46	3 2	23 42	1 6	22 17	0 29	2 9	2 19	6 25	0 40	11 15	1 30	18 39	6 39	8 31	8 35	7 6	0 54	4 54
W15	9 35	7 59	0 10	15 48	1 7	24 59	3 6	23 46	1 6	22 18	0 29	2 11	2 18	6 26	0 40	11 16	1 30	18 40	6 39	8 31	8 34	7 4	0 52	4 54
T 16	9 57	11 53	1n 9	16 31	1 19	25 11	3 9	23 50	1 7	22 19	0 28	2 12	2 18	6 27	0 40	11 17	1 30	18 40	6 39	8 31	8 32	7 2	0 50	4 53
F 17	10 18	14 59	2 23	17 13	1 31	25 23	3 13	23 54	1 7	22 20	0 28	2 14	2 18	6 28	0 40	11 18	1 30	18 40	6 39	8 31	8 31	7 1	0 48	4 52
S 18	10 39	17 9	3 26	17 52	1 42	25 34	3 17	23 57	1 7	22 21	0 28	2 15	2 18	6 30	0 40	11 18	1 30	18 40	6 39	8 31	8 30	6 59	0 46	4 52
S 19	11 0	18 17	4 17	18 28	1 52	25 45	3 21	24 1	1 7	22 22	0 28	2 17	2 18	6 31	0 40	11 19	1 30	18 40	6 39	8 31	8 29	6 57	0 44	4 51
M20	11 21	18 25	4 52	19 3	2 3	25 55	3 24	24 4	1 8	22 23	0 28	2 18	2 18	6 32	0 40	11 20	1 30	18 40	6 38	8 31	8 28	6 55	0 43	4 51
T 21	11 42	17 37	5 12	19 34	2 12	26 5	3 28	24 7	1 8	22 24	0 28	2 20	2 18	6 34	0 40	11 21	1 30	18 40	6 38	8 30	8 27	6 53	0 41	4 50
W22	12 2	15 59	5 17	20 3	2 21	26 14	3 31	24 10	1 8	22 25	0 28	2 21	2 18	6 35	0 40	11 21	1 30	18 40	6 38	8 30	8 25	6 52	0 39	4 49
T 23	12 22	13 41	5 8	20 30	2 30	26 22	3 34	24 12	1 8	22 27	0 27	2 22	2 18	6 36	0 40	11 22	1 30	18 40	6 38	8 30	8 24	6 50	0 38	4 49
F 24	12 42	10 51	4 45	20 53	2 37	26 30	3 37	24 15	1 9	22 28	0 27	2 24	2 18	6 37	0 40	11 23	1 30	18 40	6 38	8 30	8 23	6 48	0 36	4 48
S 25	13 2	7 35	4 11	21 14	2 43	26 37	3 41	24 17	1 9	22 29	0 27	2 25	2 18	6 39	0 40	11 24	1 30	18 41	6 38	8 30	8 22	6 46	0 34	4 47
S 26	13 22	4 1	3 26	21 32	2 49	26 44	3 44	24 19	1 9	22 30	0 27	2 26	2 18	6 40	0 40	11 24	1 30	18 41	6 38	8 31	8 21	6 44	0 33	4 47
M27	13 41	0 16	2 32	21 47	2 53	26 50	3 46	24 21	1 9	22 31	0 27	2 27	2 17	6 41	0 40	11 25	1 30	18 41	6 38	8 31	8 20	6 42	0 31	4 46
T 28	14 0	3n33	1 30	21 59	2 56	26 56	3 49	24 22	1 10	22 32	0 27	2 29	2 17	6 42	0 40	11 26	1 30	18 41	6 38	8 32	8 18	6 41	0 30	4 45
W29	14 19	7 16	0 24	22 9	2 58	27 1	3 52	24 24	1 10	22 32	0 27	2 30	2 17	6 44	0 40	11 27	1 30	18 41	6 38	8 32	8 17	6 39	0 28	4 44
T 30	14n38	10n45	0s44	22n15	2n59	27n 6	3n54	24n25	1n10	22n33	0s26	2n31	2n17	6n45	0s40	11n27	1s30	18n41	6n37	8s32	8s16	6s37	0s27	4s44

Julian Day Number = 2885177.5, Delta T = 01h17m03s
Ecliptic obliquity = 23°17'01, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°22'02, Lahiri = 40°29'03

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ASTRODIENST EPHEMERIS for the year 3187
geocentric

MAY 3187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 35 25	10♉41'52	12♉47	27♉16	26♊ 5	27♊42	21♊26	28°R54	18♈59	4♉20	26°R55	22°R 2	21♎17	3♓32	20°R 2	F 1
S 2	14 39 21	11°40'48	25°42	27°28	26°58	28°22	21°38	28♍51	19° 2	4°22	26♌55	22♎ 0	21°13	3°39	20♍ 0	S 2
S 3	14 43 18	12°39'41	8♊52	27°R33	27°50	29° 1	21°51	28°49	19° 5	4°25	26°55	21°57	21°10	3°45	19°58	S 3
M 4	14 47 14	13°38'33	22°16	27°32	28°41	29°41	22° 3	28°46	19° 8	4°27	26°55	21°54	21° 7	3°52	19°57	M 4
T 5	14 51 11	14°37'22	5♋53	27°25	29°31	0♋20	22°16	28°43	19°11	4°29	26°55	21°51	21° 4	3°59	19°55	T 5
W 6	14 55 8	15°36'10	19°41	27°12	0♋21	0°59	22°28	28°41	19°15	4°31	26°55	21°48	21° 1	4° 5	19°54	W 6
T 7	14 59 4	16°34'55	3♌39	26°54	1°10	1°39	22°41	28°38	19°18	4°34	26°55	21°47	20°58	4°12	19°52	T 7
F 8	15 3 1	17°33'38	17°45	26°30	1°58	2°18	22°53	28°36	19°21	4°36	26°55	21°D46	20°54	4°19	19°51	F 8
S 9	15 6 57	18°32'18	1♍57	26° 2	2°45	2°57	23° 6	28°34	19°24	4°38	26°D54	21°46	20°51	4°25	19°50	S 9
S 10	15 10 54	19°30'57	16°13	25°31	3°32	3°37	23°19	28°32	19°27	4°40	26°54	21°48	20°48	4°32	19°49	S 10
M11	15 14 50	20°29'33	0♎31	24°56	4°17	4°16	23°32	28°29	19°30	4°43	26°55	21°49	20°45	4°39	19°48	M11
T 12	15 18 47	21°28'07	14°48	24°18	5° 2	4°55	23°45	28°28	19°33	4°45	26°55	21°R50	20°42	4°45	19°47	T 12
W13	15 22 43	22°26'39	29° 1	23°39	5°45	5°35	23°58	28°26	19°36	4°47	26°55	21°50	20°38	4°52	19°46	W13
T 14	15 26 40	23°25'09	13♏ 5	22°59	6°28	6°14	24°11	28°24	19°39	4°49	26°55	21°49	20°35	4°59	19°46	T 14
F 15	15 30 37	24°23'37	26°56	22°18	7° 9	6°53	24°24	28°22	19°42	4°51	26°55	21°46	20°32	5° 5	19°45	F 15
S 16	15 34 33	25°22'04	10♐31	21°38	7°49	7°32	24°37	28°21	19°45	4°53	26°55	21°41	20°29	5°12	19°45	S 16
S 17	15 38 30	26°20'29	23°47	20°59	8°29	8°11	24°50	28°19	19°48	4°56	26°55	21°36	20°26	5°19	19°45	S 17
M18	15 42 26	27°18'52	6♑45	20°21	9° 7	8°50	25° 3	28°18	19°51	4°58	26°55	21°30	20°23	5°26	19°45	M18
T 19	15 46 23	28°17'14	19°23	19°46	9°43	9°29	25°16	28°17	19°54	5° 0	26°56	21°24	20°19	5°32	19°D45	T 19
W20	15 50 19	29°15'34	1♒43	19°14	10°19	10° 9	25°30	28°15	19°57	5° 2	26°56	21°20	20°16	5°39	19°45	W20
T 21	15 54 16	0♊13'52	13°50	18°45	10°53	10°48	25°43	28°14	19°59	5° 4	26°56	21°16	20°13	5°46	19°45	T 21
F 22	15 58 12	1°12'09	25°47	18°20	11°26	11°27	25°56	28°13	20° 2	5° 6	26°57	21°15	20°10	5°52	19°45	F 22
S 23	16 2 9	2°10'25	7♓38	18° 0	11°57	12° 6	26°10	28°13	20° 5	5° 8	26°57	21°D15	20° 7	5°59	19°45	S 23
S 24	16 6 6	3° 8'39	19°29	17°43	12°27	12°45	26°23	28°12	20° 8	5°10	26°57	21°16	20° 4	6° 6	19°46	S 24
M25	16 10 2	4° 6'51	1♈25	17°31	12°56	13°24	26°37	28°11	20°10	5°12	26°58	21°17	20° 0	6°12	19°47	M25
T 26	16 13 59	5° 5'03	13°30	17°24	13°22	14° 3	26°50	28°11	20°13	5°14	26°58	21°19	19°57	6°19	19°47	T 26
W27	16 17 55	6° 3'12	25°49	17°D21	13°47	14°42	27° 4	28°10	20°16	5°17	26°59	21°R19	19°54	6°26	19°48	W27
T 28	16 21 52	7° 1'21	8♉25	17°23	14°11	15°21	27°17	28°10	20°18	5°19	26°59	21°17	19°51	6°32	19°49	T 28
F 29	16 25 48	7°59'28	21°21	17°30	14°33	15°59	27°31	28°10	20°21	5°21	27° 0	21°14	19°48	6°39	19°50	F 29
S 30	16 29 45	8°57'33	4♊36	17°42	14°52	16°38	27°44	28°10	20°23	5°22	27° 0	21° 8	19°44	6°46	19°51	S 30
S 31	16 33 41	9♊55'37	18♊11	17♉58	15♋10	17♋17	27♊58	28°D10	20♈26	5♉24	27♌ 1	21♎ 1	19♎41	6♓52	19♍53	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14n56	13n48	1s52	22n19	2n58	27n10	3n57	24n26	1n10	22n34	0s26	2n32	2n17	6n46	0s40	11n28	1s30	18n41	6n37	8s32	8s15	6s35	0s25	4s43
S 2	15 14	16 13	2 55	22 19	2 56	27 14	3 59	24 27	1 10	22 35	0 26	2 33	2 17	6 47	0 40	11 29	1 30	18 41	6 37	8 31	8 14	6 33	0 24	4 42
S 3	15 32	17 51	3 50	22 17	2 53	27 17	4 1	24 27	1 10	22 36	0 26	2 34	2 17	6 48	0 40	11 30	1 30	18 41	6 37	8 30	8 12	6 32	0 23	4 42
M 4	15 50	18 30	4 34	22 12	2 48	27 20	4 3	24 28	1 11	22 37	0 26	2 35	2 17	6 50	0 40	11 30	1 30	18 41	6 37	8 29	8 11	6 30	0 21	4 41
T 5	16 7	18 7	5 2	22 5	2 42	27 22	4 5	24 28	1 11	22 38	0 26	2 36	2 16	6 51	0 40	11 31	1 30	18 40	6 37	8 28	8 10	6 28	0 20	4 40
W 6	16 24	16 40	5 14	21 54	2 34	27 24	4 7	24 28	1 11	22 39	0 26	2 37	2 16	6 52	0 40	11 32	1 30	18 40	6 37	8 27	8 9	6 26	0 19	4 39
T 7	16 41	14 13	5 8	21 41	2 25	27 25	4 8	24 28	1 11	22 40	0 25	2 37	2 16	6 53	0 40	11 33	1 30	18 40	6 37	8 26	8 8	6 24	0 17	4 39
F 8	16 58	10 55	4 43	21 25	2 14	27 26	4 10	24 27	1 11	22 40	0 25	2 38	2 16	6 54	0 40	11 33	1 30	18 40	6 37	8 26	8 7	6 22	0 16	4 38
S 9	17 14	6 58	4 1	21 7	2 2	27 26	4 11	24 26	1 11	22 41	0 25	2 39	2 16	6 55	0 40	11 34	1 30	18 40	6 37	8 26	8 5	6 21	0 15	4 37
S 10	17 30	2 35	3 3	20 47	1 49	27 26	4 12	24 26	1 12	22 42	0 25	2 40	2 16	6 57	0 40	11 35	1 30	18 40	6 36	8 26	8 4	6 19	0 14	4 36
M11	17 45	1s57	1 54	20 25	1 35	27 26	4 13	24 25	1 12	22 43	0 25	2 40	2 16	6 58	0 40	11 35	1 30	18 40	6 36	8 27	8 3	6 17	0 13	4 36
T 12	18 1	6 23	0 39	20 1	1 20	27 25	4 13	24 23	1 12	22 43	0 25	2 41	2 15	6 59	0 40	11 36	1 30	18 40	6 36	8 27	8 2	6 15	0 12	4 35
W13	18 16	10 26	0n39	19 36	1 4	27 23	4 14	24 22	1 12	22 44	0 25	2 42	2 15	7 0	0 40	11 37	1 30	18 40	6 36	8 27	8 1	6 13	0 11	4 34
T 14	18 30	13 51	1 54	19 10	0 48	27 21	4 14	24 20	1 12	22 45	0 25	2 42	2 15	7 1	0 40	11 38	1 30	18 40	6 36	8 27	7 59	6 11	0 10	4 33
F 15	18 45	16 25	3 0	18 43	0 31	27 19	4 14	24 18	1 12	22 46	0 24	2 43	2 15	7 2	0 40	11 38	1 30	18 39	6 36	8 26	7 58	6 10	0 9	4 33
S 16	18 59	18 0	3 55	18 16	0 14	27 17	4 14	24 16	1 12	22 46	0 24	2 43	2 15	7 3	0 40	11 39	1 30	18 39	6 36	8 24	7 57	6 8	0 8	4 32
S 17	19 13	18 33	4 36	17 49	0s 4	27 14	4 14	24 14	1 12	22 47	0 24	2 44	2 15	7 4	0 40	11 40	1 30	18 39	6 36	8 22	7 56	6 6	0 8	4 31
M18	19 26	18 6	5 1	17 23	0 21	27 11	4 13	24 12	1 13	22 47	0 24	2 44	2 14	7 5	0 40	11 40	1 30	18 39	6 36	8 20	7 55	6 4	0 7	4 30
T 19	19 39	16 46	5 11	16 57	0 38	27 7	4 12	24 9	1 13	22 48	0 24	2 44	2 14	7 7	0 40	11 41	1 30	18 39	6 35	8 18	7 53	6 2	0 6	4 30
W20	19 52	14 40	5 6	16 32	0 55	27 3	4 11	24 6	1 13	22 49	0 24	2 45	2 14	7 8	0 40	11 42	1 30	18 38	6 35	8 16	7 52	6 1	0 6	4 29
T 21	20 4	11 58	4 47	16 8	1 12	26 59	4 10	24 3	1 13	22 49	0 24	2 45	2 14	7 9	0 40	11 42	1 30	18 38	6 35	8 15	7 51	5 59	0 5	4 28
F 22	20 16	8 49	4 17	15 47	1 27	26 55	4 8	24 0	1 13	22 50	0 24	2 45	2 14	7 10	0 40	11 43	1 30	18 38	6 35	8 14	7 50	5 57	0 4	4 27
S 23	20 28	5 19	3 35	15 26	1 42	26 50	4 6	23 57	1 13	22 50	0 23	2 45	2 14	7 11	0 40	11 44	1 30	18 38	6 35	8 14	7 49	5 55	0 4	4 27
S 24	20 39	1 37	2 44	15 8	1 56	26 45	4 4	23 53	1 13	22 51	0 23	2 45	2 13	7 12	0 40	11 44	1 30	18 38	6 35	8 15	7 47	5 53	0 3	4 26
M25	20 50	2n11	1 46	14 52	2 10	26 39	4 1	23 50	1 13	22 51	0 23	2 45	2 13	7 13	0 40	11 45	1 30	18 37	6 35	8 15	7 46	5 51	0 3	4 25
T 26	21 0	5 57	0 42	14 38	2 22	26 34	3 58	23 46	1 13	22 52	0 23	2 45	2 13	7 14	0 40	11 46	1 30	18 37	6 35	8 16	7 45	5 50	0 2	4 24
W27	21 11	9 32	0s24	14 27	2 34	26 28	3 55	23 42	1 13	22 52	0 23	2 45	2 13	7 15	0 40	11 46	1 30	18 37	6 35	8 16	7 44	5 48	0 2	4 24
T 28	21 20	12 47	1 31	14 17	2 44	26 22	3 51	23 37	1 13	22 52	0 23	2 45	2 13	7 16	0 40	11 47	1 31	18 37	6 34	8 15	7 43	5 46	0 2	4 23
F 29	21 30	15 29	2 35	14 10	2 53	26 16	3 47	23 33	1 13	22 53	0 23	2 45	2 13	7 16	0 40	11 48	1 31	18 36	6 34	8 14	7 42	5 44	0 1	4 22
S 30	21 39	17 27	3 32	14 5	3 2	26 9	3 43	23 28	1 13	22 53	0 23	2 45	2 12	7 17	0 40	11 48	1 31	18 36	6 34	8 12	7 40	5 42	0 1	4 21
S 31	21n48	18n28	4s18	14n 2	3s 9	26n 3	3n38	23n23	1n14	22n54	0s23	2n45	2n12	7n18	0s40	11n49	1s31	18n36	6n34	8s 9	7s39	5s40	0s 1	4s20

Julian Day Number = 2885207.5, Delta T = 01h17m03s
Ecliptic obliquity = 23°17'00, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°22'07, Lahiri = 40°29'07

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ASTRODIENST EPHEMERIS for the year 3187
geocentric

JUNE 3187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 37 38	10♊53'40	2♋ 2	18♉18	15♋26	17♋56	28♊12	28♍10	20♈28	5♉26	27♌ 1	20°R53	19♎38	6♓59	19♍54	M 1
T 2	16 41 35	11°51'40	16° 5	18°43	15°40	18°35	28°25	28°10	20°31	5°28	27° 2	20♎45	19°35	7° 6	19°56	T 2
W 3	16 45 31	12°49'39	0♌16	19°12	15°52	19°14	28°39	28°10	20°33	5°30	27° 3	20°38	19°32	7°12	19°57	W 3
T 4	16 49 28	13°47'37	14°31	19°45	16° 2	19°53	28°53	28°11	20°36	5°32	27° 3	20°33	19°29	7°19	19°59	T 4
F 5	16 53 24	14°45'32	28°46	20°22	16°10	20°31	29° 7	28°11	20°38	5°34	27° 4	20°29	19°25	7°26	20° 1	F 5
S 6	16 57 21	15°43'26	12♍58	21° 3	16°15	21°10	29°21	28°12	20°40	5°36	27° 5	20°D28	19°22	7°32	20° 3	S 6
S 7	17 1 17	16°41'18	27° 5	21°48	16°18	21°49	29°34	28°13	20°43	5°38	27° 5	20°29	19°19	7°39	20° 5	S 7
M 8	17 5 14	17°39'08	11♎ 6	22°36	16°R19	22°28	29°48	28°13	20°45	5°39	27° 6	20°29	19°16	7°46	20° 7	M 8
T 9	17 9 10	18°36'57	25° 0	23°27	16°17	23° 6	0♋ 2	28°14	20°47	5°41	27° 7	20°R29	19°13	7°52	20° 9	T 9
W10	17 13 7	19°34'44	8♏47	24°22	16°13	23°45	0°16	28°15	20°49	5°43	27° 8	20°28	19° 9	7°59	20°11	W10
T 11	17 17 4	20°32'30	22°24	25°21	16° 7	24°24	0°30	28°17	20°51	5°45	27° 9	20°24	19° 6	8° 6	20°14	T 11
F 12	17 21 0	21°30'14	5♐52	26°22	15°58	25° 2	0°44	28°18	20°53	5°46	27° 9	20°18	19° 3	8°13	20°17	F 12
S 13	17 24 57	22°27'57	19° 7	27°27	15°46	25°41	0°58	28°19	20°55	5°48	27°10	20° 9	19° 0	8°19	20°19	S 13
S 14	17 28 53	23°25'39	2♑ 8	28°34	15°33	26°20	1°11	28°21	20°57	5°50	27°11	19°59	18°57	8°26	20°22	S 14
M15	17 32 50	24°23'19	14°54	29°44	15°16	26°58	1°25	28°22	20°59	5°52	27°12	19°48	18°54	8°33	20°25	M15
T 16	17 36 46	25°20'58	27°25	0♊58	14°58	27°37	1°39	28°24	21° 1	5°53	27°13	19°37	18°50	8°39	20°28	T 16
W17	17 40 43	26°18'37	9♒42	2°14	14°37	28°15	1°53	28°26	21° 3	5°55	27°14	19°27	18°47	8°46	20°31	W17
T 18	17 44 39	27°16'14	21°46	3°33	14°14	28°54	2° 7	28°28	21° 5	5°56	27°15	19°20	18°44	8°53	20°34	T 18
F 19	17 48 36	28°13'50	3♓42	4°54	13°49	29°32	2°21	28°29	21° 7	5°58	27°16	19°15	18°41	8°59	20°37	F 19
S 20	17 52 33	29°11'26	15°32	6°19	13°21	0♌11	2°35	28°32	21° 8	5°59	27°17	19°12	18°38	9° 6	20°41	S 20
S 21	17 56 29	0♋ 9'00	27°22	7°46	12°52	0°50	2°49	28°34	21°10	6° 1	27°18	19°D11	18°35	9°13	20°44	S 21
M22	18 0 26	1° 6'34	9♈17	9°15	12°21	1°28	3° 3	28°36	21°12	6° 2	27°19	19°11	18°31	9°19	20°48	M22
T 23	18 4 22	2° 4'07	21°23	10°47	11°49	2° 6	3°17	28°38	21°13	6° 4	27°20	19°R11	18°28	9°26	20°52	T 23
W24	18 8 19	3° 1'40	3♉44	12°22	11°15	2°45	3°31	28°41	21°15	6° 5	27°22	19°10	18°25	9°33	20°55	W24
T 25	18 12 15	3°59'11	16°26	14° 0	10°40	3°23	3°45	28°43	21°17	6° 7	27°23	19° 8	18°22	9°39	20°59	T 25
F 26	18 16 12	4°56'42	29°30	15°40	10° 4	4° 2	3°59	28°46	21°18	6° 8	27°24	19° 3	18°19	9°46	21° 3	F 26
S 27	18 20 8	5°54'13	13♊ 0	17°23	9°28	4°40	4°13	28°49	21°19	6°10	27°25	18°55	18°15	9°53	21° 7	S 27
S 28	18 24 5	6°51'42	26°53	19° 8	8°51	5°19	4°27	28°52	21°21	6°11	27°26	18°45	18°12	9°59	21°11	S 28
M29	18 28 2	7°49'11	11♋ 8	20°55	8°13	5°57	4°41	28°54	21°22	6°12	27°28	18°34	18° 9	10° 6	21°16	M29
T 30	18 31 58	8♋46'39	25♋37	22♊46	7♋36	6♌36	4♋55	28♍57	21♈24	6♉13	27♌29	18♎23	18♎ 6	10♓13	21♍20	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n56	18n26	4s50	14n 1	3s16	25n56	3n33	23n18	1n14	22n54	0s22	2n45	2n12	7n19	0s41	11n49	1s31	18n35	6n34	8s 6	7s38	5s39	0s 1	4s20
T 2	22 4	17 16	5 6	14 3	3 22	25 49	3 28	23 13	1 14	22 54	0 22	2 45	2 12	7 20	0 41	11 50	1 31	18 35	6 34	8 3	7 37	5 37	0 1	4 19
W 3	22 11	15 2	5 2	14 6	3 26	25 41	3 22	23 8	1 14	22 54	0 22	2 44	2 12	7 21	0 41	11 51	1 31	18 35	6 34	8 0	7 36	5 35	0 1	4 18
T 4	22 18	11 53	4 40	14 11	3 30	25 34	3 16	23 2	1 14	22 55	0 22	2 44	2 11	7 22	0 41	11 51	1 31	18 34	6 34	7 58	7 34	5 33	0 1	4 17
F 5	22 25	8 3	4 1	14 18	3 33	25 27	3 9	22 56	1 14	22 55	0 22	2 44	2 11	7 23	0 41	11 52	1 31	18 34	6 34	7 57	7 33	5 31	0 1	4 17
S 6	22 31	3 46	3 7	14 27	3 35	25 19	3 2	22 51	1 14	22 55	0 22	2 43	2 11	7 24	0 41	11 52	1 31	18 34	6 34	7 57	7 32	5 29	0 1	4 16
S 7	22 37	0s43	2 2	14 37	3 36	25 11	2 54	22 45	1 14	22 55	0 22	2 43	2 11	7 24	0 41	11 53	1 31	18 33	6 33	7 57	7 31	5 28	0 1	4 15
M 8	22 43	5 8	0 50	14 49	3 36	25 3	2 46	22 38	1 14	22 55	0 22	2 42	2 11	7 25	0 41	11 54	1 31	18 33	6 33	7 57	7 30	5 26	0 1	4 14
T 9	22 48	9 14	0n24	15 2	3 36	24 55	2 38	22 32	1 14	22 55	0 22	2 42	2 11	7 26	0 41	11 54	1 31	18 33	6 33	7 57	7 28	5 24	0 1	4 14
W10	22 53	12 49	1 36	15 16	3 34	24 46	2 29	22 25	1 14	22 55	0 22	2 41	2 10	7 27	0 41	11 55	1 31	18 32	6 33	7 57	7 27	5 22	0 1	4 13
T 11	22 57	15 38	2 42	15 32	3 33	24 38	2 20	22 19	1 14	22 56	0 21	2 40	2 10	7 28	0 41	11 55	1 31	18 32	6 33	7 55	7 26	5 20	0 2	4 12
F 12	23 1	17 34	3 38	15 49	3 30	24 29	2 10	22 12	1 14	22 56	0 21	2 40	2 10	7 28	0 41	11 56	1 31	18 32	6 33	7 53	7 25	5 18	0 2	4 11
S 13	23 4	18 31	4 20	16 6	3 27	24 20	1 59	22 5	1 14	22 56	0 21	2 39	2 10	7 29	0 41	11 56	1 31	18 31	6 33	7 50	7 24	5 17	0 2	4 11
S 14	23 7	18 27	4 49	16 25	3 23	24 11	1 49	21 57	1 14	22 56	0 21	2 38	2 10	7 30	0 41	11 57	1 31	18 31	6 33	7 46	7 22	5 15	0 3	4 10
M15	23 10	17 27	5 2	16 44	3 18	24 2	1 37	21 50	1 14	22 56	0 21	2 38	2 9	7 30	0 41	11 57	1 31	18 30	6 33	7 42	7 21	5 13	0 3	4 9
T 16	23 12	15 38	5 0	17 4	3 13	23 52	1 26	21 42	1 14	22 55	0 21	2 37	2 9	7 31	0 41	11 58	1 31	18 30	6 33	7 38	7 20	5 11	0 4	4 9
W17	23 14	13 8	4 45	17 25	3 7	23 42	1 14	21 35	1 14	22 55	0 21	2 36	2 9	7 32	0 41	11 58	1 31	18 30	6 33	7 34	7 19	5 9	0 4	4 8
T 18	23 15	10 6	4 16	17 46	3 1	23 32	1 1	21 27	1 14	22 55	0 21	2 35	2 9	7 32	0 41	11 59	1 31	18 29	6 32	7 31	7 18	5 7	0 5	4 7
F 19	23 16	6 42	3 37	18 8	2 54	23 22	0 48	21 19	1 14	22 55	0 21	2 34	2 9	7 33	0 41	11 59	1 31	18 29	6 32	7 29	7 16	5 6	0 5	4 6
S 20	23 17	3 4	2 49	18 29	2 46	23 12	0 35	21 11	1 14	22 55	0 21	2 33	2 9	7 34	0 41	12 0	1 31	18 28	6 32	7 28	7 15	5 4	0 6	4 6
S 21	23 17	0n42	1 53	18 51	2 38	23 1	0 22	21 2	1 14	22 55	0 20	2 32	2 8	7 34	0 41	12 0	1 31	18 28	6 32	7 28	7 14	5 2	0 7	4 5
M22	23 17	4 28	0 52	19 13	2 30	22 51	0 8	20 54	1 14	22 55	0 20	2 31	2 8	7 35	0 41	12 1	1 31	18 27	6 32	7 28	7 13	5 0	0 7	4 4
T 23	23 16	8 6	0s12	19 35	2 21	22 40	0s 6	20 45	1 14	22 54	0 20	2 30	2 8	7 36	0 41	12 1	1 31	18 27	6 32	7 28	7 12	4 58	0 8	4 4
W24	23 15	11 29	1 17	19 57	2 12	22 28	0 20	20 37	1 14	22 54	0 20	2 29	2 8	7 36	0 41	12 1	1 32	18 26	6 32	7 28	7 10	4 56	0 9	4 3
T 25	23 13	14 25	2 19	20 18	2 2	22 17	0 35	20 28	1 13	22 54	0 20	2 28	2 8	7 37	0 41	12 2	1 32	18 26	6 32	7 27	7 9	4 54	0 10	4 2
F 26	23 11	16 43	3 17	20 39	1 52	22 6	0 49	20 19	1 13	22 53	0 20	2 26	2 7	7 37	0 41	12 2	1 32	18 25	6 32	7 25	7 8	4 53	0 11	4 1
S 27	23 9	18 10	4 5	21 0	1 42	21 54	1 3	20 9	1 13	22 53	0 20	2 25	2 7	7 38	0 41	12 3	1 32	18 25	6 32	7 22	7 7	4 51	0 12	4 1
S 28	23 6	18 35	4 40	21 19	1 32	21 42	1 17	20 0	1 13	22 53	0 20	2 24	2 7	7 38	0 41	12 3	1 32	18 25	6 32	7 18	7 6	4 49	0 13	4 0
M29	23 3	17 52	4 59	21 38	1 21	21 30	1 31	19 51	1 13	22 52	0 20	2 22	2 7	7 39	0 41	12 3	1 32	18 24	6 32	7 14	7 4	4 47	0 14	3 59
T 30	23n 0	15n59	4s59	21n56	1s10	21n19	1s45	19n41	1n13	22n52	0s20	2n21	2n 7	7n39	0s41	12n 4	1s32	18n24	6n32	7s10	7s 3	4s45	0s15	3s59

Julian Day Number = 2885238.5, Delta T = 01h17m04s
Ecliptic obliquity = 23°16'59, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°22'11, Lahiri = 40°29'11

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ASTRODIENST EPHEMERIS for the year 3187
geocentric

JULY 3187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 35 55	9♋44'06	10♌15	24♊38	6°R58	7♌14	5♋ 9	29♍ 1	21♈25	6♉15	27♌30	18°R13	18♎ 3	10♓19	21♍24	W 1
T 2	18 39 51	10°41'32	24°53	26°33	6♋21	7°52	5°23	29° 4	21°26	6°16	27°31	18♎ 5	18° 0	10°26	21°29	T 2
F 3	18 43 48	11°38'57	9♍26	28°31	5°45	8°31	5°37	29° 7	21°27	6°17	27°33	18° 0	17°56	10°33	21°33	F 3
S 4	18 47 44	12°36'21	23°48	0♋31	5°10	9° 9	5°51	29°11	21°28	6°18	27°34	17°57	17°53	10°39	21°38	S 4
S 5	18 51 41	13°33'44	7♎58	2°32	4°35	9°47	6° 4	29°14	21°29	6°19	27°35	17°56	17°50	10°46	21°43	S 5
M 6	18 55 37	14°31'06	21°53	4°36	4° 2	10°26	6°18	29°18	21°30	6°21	27°37	17°56	17°47	10°53	21°48	M 6
T 7	18 59 34	15°28'28	5♏35	6°42	3°31	11° 4	6°32	29°21	21°31	6°22	27°38	17°56	17°44	10°59	21°53	T 7
W 8	19 3 31	16°25'48	19° 4	8°49	3° 1	11°42	6°46	29°25	21°32	6°23	27°39	17°53	17°41	11° 6	21°58	W 8
T 9	19 7 27	17°23'08	2♐21	10°57	2°33	12°21	7° 0	29°29	21°33	6°24	27°41	17°48	17°37	11°13	22° 3	T 9
F 10	19 11 24	18°20'27	15°26	13° 7	2° 7	12°59	7°14	29°33	21°34	6°25	27°42	17°41	17°34	11°19	22° 8	F 10
S 11	19 15 20	19°17'45	28°20	15°18	1°42	13°37	7°27	29°37	21°35	6°26	27°44	17°30	17°31	11°26	22°13	S 11
S 12	19 19 17	20°15'03	11♑ 2	17°29	1°21	14°15	7°41	29°41	21°36	6°27	27°45	17°18	17°28	11°33	22°19	S 12
M13	19 23 13	21°12'20	23°33	19°41	1° 1	14°54	7°55	29°45	21°36	6°28	27°47	17° 5	17°25	11°39	22°24	M13
T 14	19 27 10	22° 9'37	5♒52	21°52	0°43	15°32	8° 9	29°49	21°37	6°28	27°48	16°52	17°21	11°46	22°30	T 14
W15	19 31 7	23° 6'54	18° 1	24° 4	0°28	16°10	8°22	29°53	21°38	6°29	27°50	16°41	17°18	11°53	22°35	W15
T 16	19 35 3	24° 4'10	0♓ 0	26°15	0°16	16°48	8°36	29°58	21°38	6°30	27°51	16°31	17°15	11°59	22°41	T 16
F 17	19 39 0	25° 1'26	11°52	28°25	0° 6	17°26	8°50	0♎ 2	21°39	6°31	27°53	16°24	17°12	12° 6	22°47	F 17
S 18	19 42 56	25°58'42	23°41	0♌34	29♊58	18° 4	9° 3	0° 7	21°39	6°32	27°54	16°20	17° 9	12°13	22°52	S 18
S 19	19 46 53	26°55'58	5♈30	2°42	29°53	18°43	9°17	0°12	21°40	6°32	27°56	16°18	17° 6	12°19	22°58	S 19
M20	19 50 49	27°53'14	17°24	4°49	29°50	19°21	9°30	0°16	21°40	6°33	27°57	16°D18	17° 2	12°26	23° 4	M20
T 21	19 54 46	28°50'30	29°28	6°54	29°D49	19°59	9°44	0°21	21°40	6°34	27°59	16°R18	16°59	12°33	23°10	T 21
W22	19 58 42	29°47'46	11♉48	8°58	29°51	20°37	9°58	0°26	21°41	6°34	28° 0	16°18	16°56	12°39	23°16	W22
T 23	20 2 39	0♌45'03	24°29	11° 0	29°55	21°15	10°11	0°31	21°41	6°35	28° 2	16°16	16°53	12°46	23°23	T 23
F 24	20 6 35	1°42'19	7♊36	13° 0	0♋ 1	21°53	10°24	0°36	21°41	6°35	28° 4	16°11	16°50	12°53	23°29	F 24
S 25	20 10 32	2°39'36	21°10	14°58	0° 9	22°32	10°38	0°41	21°41	6°36	28° 5	16° 5	16°47	13° 0	23°35	S 25
S 26	20 14 29	3°36'53	5♋12	16°55	0°20	23°10	10°51	0°46	21°41	6°36	28° 7	15°56	16°43	13° 6	23°41	S 26
M27	20 18 25	4°34'10	19°39	18°49	0°32	23°48	11° 5	0°51	21°R41	6°37	28° 9	15°46	16°40	13°13	23°48	M27
T 28	20 22 22	5°31'28	4♌26	20°42	0°47	24°26	11°18	0°57	21°41	6°37	28°10	15°35	16°37	13°20	23°54	T 28
W29	20 26 18	6°28'45	19°24	22°33	1° 3	25° 4	11°31	1° 2	21°41	6°38	28°12	15°26	16°34	13°26	24° 1	W29
T 30	20 30 15	7°26'02	4♍24	24°21	1°22	25°42	11°44	1° 7	21°41	6°38	28°14	15°19	16°31	13°33	24° 7	T 30
F 31	20 34 11	8♌23'19	19♍18	26♌ 8	1♋42	26♌20	11♋57	1♎13	21♈41	6♉38	28♌15	15♎14	16♎27	13♓40	24♍14	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n56	13n 4	4s39	22n12	0s59	21n 7	1s59	19n31	1n13	22n51	0s20	2n20	2n 7	7n40	0s41	12n 4	1s32	18n23	6n31	7s 6	7s 2	4s43	0s16	3s58
T 2	22 51	9 20	4 2	22 27	0 47	20 55	2 13	19 22	1 13	22 51	0 19	2 18	2 6	7 40	0 41	12 4	1 32	18 23	6 31	7 3	7 1	4 42	0 17	3 57
F 3	22 47	5 4	3 9	22 40	0 36	20 44	2 26	19 12	1 13	22 51	0 19	2 17	2 6	7 40	0 41	12 5	1 32	18 22	6 31	7 1	7 0	4 40	0 18	3 57
S 4	22 41	0 33	2 4	22 52	0 25	20 33	2 39	19 1	1 13	22 50	0 19	2 15	2 6	7 41	0 41	12 5	1 32	18 21	6 31	7 0	6 58	4 38	0 19	3 56
S 5	22 36	3s57	0 53	23 2	0 14	20 21	2 51	18 51	1 13	22 49	0 19	2 14	2 6	7 41	0 41	12 5	1 32	18 21	6 31	7 0	6 57	4 36	0 21	3 55
M 6	22 30	8 9	0n21	23 10	0 2	20 11	3 3	18 41	1 13	22 49	0 19	2 12	2 6	7 41	0 41	12 6	1 32	18 20	6 31	7 0	6 56	4 34	0 22	3 55
T 7	22 24	11 51	1 32	23 15	0n 9	20 0	3 14	18 30	1 13	22 48	0 19	2 11	2 6	7 42	0 41	12 6	1 32	18 20	6 31	6 59	6 55	4 32	0 23	3 54
W 8	22 17	14 52	2 37	23 19	0 19	19 50	3 25	18 20	1 13	22 48	0 19	2 9	2 5	7 42	0 41	12 6	1 32	18 19	6 31	6 58	6 54	4 31	0 25	3 53
T 9	22 10	17 2	3 32	23 19	0 29	19 40	3 35	18 9	1 13	22 47	0 19	2 7	2 5	7 42	0 42	12 7	1 32	18 19	6 31	6 57	6 52	4 29	0 26	3 53
F 10	22 2	18 16	4 15	23 18	0 39	19 31	3 45	17 58	1 12	22 46	0 19	2 6	2 5	7 43	0 42	12 7	1 32	18 18	6 31	6 54	6 51	4 27	0 28	3 52
S 11	21 54	18 33	4 44	23 13	0 49	19 22	3 55	17 47	1 12	22 46	0 19	2 4	2 5	7 43	0 42	12 7	1 32	18 18	6 31	6 50	6 50	4 25	0 29	3 52
S 12	21 46	17 52	4 58	23 6	0 58	19 13	4 3	17 36	1 12	22 45	0 19	2 2	2 5	7 43	0 42	12 7	1 32	18 17	6 31	6 45	6 49	4 23	0 31	3 51
M13	21 37	16 21	4 58	22 56	1 6	19 5	4 11	17 25	1 12	22 44	0 19	2 0	2 5	7 43	0 42	12 8	1 32	18 17	6 31	6 40	6 48	4 21	0 32	3 50
T 14	21 28	14 5	4 44	22 44	1 14	18 58	4 19	17 13	1 12	22 44	0 19	1 59	2 4	7 44	0 42	12 8	1 33	18 16	6 31	6 35	6 46	4 20	0 34	3 50
W15	21 19	11 15	4 17	22 29	1 21	18 51	4 26	17 2	1 12	22 43	0 18	1 57	2 4	7 44	0 42	12 8	1 33	18 16	6 31	6 31	6 45	4 18	0 35	3 49
T 16	21 9	7 58	3 39	22 11	1 27	18 45	4 32	16 50	1 12	22 42	0 18	1 55	2 4	7 44	0 42	12 8	1 33	18 15	6 31	6 27	6 44	4 16	0 37	3 48
F 17	20 59	4 25	2 52	21 51	1 33	18 39	4 38	16 39	1 12	22 41	0 18	1 53	2 4	7 44	0 42	12 9	1 33	18 14	6 31	6 25	6 43	4 14	0 39	3 48
S 18	20 49	0 42	1 57	21 29	1 37	18 33	4 44	16 27	1 12	22 40	0 18	1 51	2 4	7 44	0 42	12 9	1 33	18 14	6 31	6 23	6 42	4 12	0 40	3 47
S 19	20 38	3n 3	0 57	21 5	1 41	18 28	4 48	16 15	1 12	22 40	0 18	1 49	2 4	7 45	0 42	12 9	1 33	18 13	6 31	6 22	6 40	4 10	0 42	3 47
M20	20 27	6 42	0s 6	20 38	1 45	18 24	4 53	16 3	1 11	22 39	0 18	1 47	2 4	7 45	0 42	12 9	1 33	18 13	6 31	6 22	6 39	4 8	0 44	3 46
T 21	20 15	10 8	1 9	20 9	1 47	18 20	4 57	15 51	1 11	22 38	0 18	1 45	2 3	7 45	0 42	12 9	1 33	18 12	6 31	6 22	6 38	4 7	0 46	3 46
W22	20 4	13 12	2 11	19 39	1 49	18 17	5 0	15 39	1 11	22 37	0 18	1 43	2 3	7 45	0 42	12 9	1 33	18 12	6 31	6 22	6 37	4 5	0 48	3 45
T 23	19 52	15 44	3 8	19 7	1 50	18 14	5 3	15 27	1 11	22 36	0 18	1 41	2 3	7 45	0 42	12 10	1 33	18 11	6 31	6 21	6 35	4 3	0 50	3 44
F 24	19 39	17 32	3 57	18 34	1 50	18 12	5 5	15 14	1 11	22 35	0 18	1 39	2 3	7 45	0 42	12 10	1 33	18 10	6 31	6 20	6 34	4 1	0 51	3 44
S 25	19 26	18 25	4 35	17 59	1 50	18 9	5 8	15 2	1 11	22 34	0 18	1 37	2 3	7 45	0 42	12 10	1 33	18 10	6 31	6 17	6 33	3 59	0 53	3 43
S 26	19 13	18 14	4 57	17 24	1 49	18 8	5 9	14 49	1 11	22 33	0 18	1 35	2 3	7 45	0 42	12 10	1 33	18 9	6 31	6 14	6 32	3 57	0 55	3 43
M27	19 0	16 53	5 2	16 47	1 47	18 6	5 10	14 37	1 10	22 32	0 18	1 32	2 3	7 45	0 42	12 10	1 33	18 9	6 31	6 10	6 31	3 56	0 57	3 42
T 28	18 46	14 23	4 46	16 9	1 44	18 5	5 11	14 24	1 10	22 31	0 17	1 30	2 2	7 45	0 42	12 10	1 33	18 8	6 31	6 6	6 29	3 54	0 59	3 42
W29	18 32	10 55	4 11	15 31	1 41	18 5	5 12	14 11	1 10	22 30	0 17	1 28	2 2	7 45	0 42	12 10	1 33	18 8	6 31	6 2	6 28	3 52	1 1	3 41
T 30	18 18	6 44	3 19	14 51	1 38	18 4	5 12	13 58	1 10	22 29	0 17	1 26	2 2	7 45	0 42	12 10	1 33	18 7	6 31	5 59	6 27	3 50	1 4	3 40
F 31	18n 3	2n10	2s13	14n12	1n34	18n 4	5s12	13n45	1n10	22n28	0s17	1n23	2n 2	7n45	0s42	12n10	1s33	18n 6	6n31	5s58	6s26	3s48	1s 6	3s40

Julian Day Number = 2885268.5, Delta T = 01h17m05s
Ecliptic obliquity = 23°16'59, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°22'15, Lahiri = 40°29'15

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ASTRODIENST EPHEMERIS for the year 3187
geocentric

AUGUST 3187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 38 8	9♌20'37	3♎58	27♌53	2♋ 4	26♌58	12♋11	1♎18	21°R41	6♉39	28♌17	15°R12	16♎24	13♓46	24♍21	S 1
S 2	20 42 5	10°17'54	18°19	29°36	2°27	27°37	12°24	1°24	21♈40	6°39	28°19	15°D11	16°21	13°53	24°28	S 2
M 3	20 46 1	11°15'11	2♏20	1♍16	2°52	28°15	12°37	1°30	21°40	6°39	28°20	15♎12	16°18	14° 0	24°35	M 3
T 4	20 49 58	12°12'28	16° 0	2°55	3°19	28°53	12°50	1°35	21°40	6°39	28°22	15°R12	16°15	14° 6	24°41	T 4
W 5	20 53 54	13° 9'45	29°22	4°32	3°48	29°31	13° 3	1°41	21°39	6°39	28°24	15°11	16°12	14°13	24°48	W 5
T 6	20 57 51	14° 7'02	12♐26	6° 7	4°17	0♍ 9	13°15	1°47	21°39	6°40	28°26	15° 7	16° 8	14°20	24°55	T 6
F 7	21 1 47	15° 4'19	25°16	7°40	4°49	0°47	13°28	1°53	21°38	6°40	28°27	15° 2	16° 5	14°26	25° 3	F 7
S 8	21 5 44	16° 1'37	7♑54	9°11	5°21	1°25	13°41	1°59	21°38	6°40	28°29	14°54	16° 2	14°33	25°10	S 8
S 9	21 9 40	16°58'54	20°19	10°40	5°55	2° 3	13°54	2° 5	21°37	6°R40	28°31	14°44	15°59	14°40	25°17	S 9
M10	21 13 37	17°56'12	2♒35	12° 7	6°30	2°41	14° 6	2°11	21°36	6°40	28°33	14°34	15°56	14°46	25°24	M10
T 11	21 17 34	18°53'31	14°43	13°32	7° 7	3°19	14°19	2°17	21°36	6°40	28°34	14°24	15°53	14°53	25°31	T 11
W12	21 21 30	19°50'49	26°42	14°55	7°44	3°57	14°32	2°23	21°35	6°40	28°36	14°15	15°49	15° 0	25°39	W12
T 13	21 25 27	20°48'09	8♓35	16°16	8°23	4°35	14°44	2°30	21°34	6°40	28°38	14° 7	15°46	15° 6	25°46	T 13
F 14	21 29 23	21°45'28	20°24	17°35	9° 3	5°13	14°57	2°36	21°33	6°39	28°40	14° 2	15°43	15°13	25°53	F 14
S 15	21 33 20	22°42'49	2♈12	18°52	9°44	5°51	15° 9	2°42	21°33	6°39	28°41	13°59	15°40	15°19	26° 1	S 15
S 16	21 37 16	23°40'11	14° 1	20° 6	10°26	6°29	15°21	2°49	21°32	6°39	28°43	13°D59	15°37	15°26	26° 8	S 16
M17	21 41 13	24°37'33	25°56	21°18	11° 9	7° 7	15°33	2°55	21°31	6°39	28°45	13°59	15°33	15°33	26°16	M17
T 18	21 45 9	25°34'56	8♉ 0	22°28	11°53	7°45	15°46	3° 1	21°30	6°39	28°47	14° 0	15°30	15°39	26°23	T 18
W19	21 49 6	26°32'20	20°20	23°35	12°37	8°23	15°58	3° 8	21°29	6°38	28°48	14° 1	15°27	15°46	26°31	W19
T 20	21 53 2	27°29'46	2♊58	24°40	13°23	9° 2	16°10	3°15	21°28	6°38	28°50	14°R 2	15°24	15°53	26°39	T 20
F 21	21 56 59	28°27'12	16° 1	25°42	14° 9	9°40	16°22	3°21	21°26	6°38	28°52	14° 0	15°21	15°59	26°46	F 21
S 22	22 0 56	29°24'39	29°32	26°41	14°57	10°18	16°34	3°28	21°25	6°37	28°54	13°57	15°18	16° 6	26°54	S 22
S 23	22 4 52	0♍22'08	13♋31	27°38	15°45	10°56	16°45	3°35	21°24	6°37	28°56	13°52	15°14	16°13	27° 2	S 23
M24	22 8 49	1°19'38	27°58	28°31	16°34	11°34	16°57	3°41	21°23	6°36	28°57	13°46	15°11	16°19	27°10	M24
T 25	22 12 45	2°17'08	12♌48	29°22	17°23	12°12	17° 9	3°48	21°22	6°36	28°59	13°40	15° 8	16°26	27°18	T 25
W26	22 16 42	3°14'40	27°54	0♎ 9	18°14	12°50	17°20	3°55	21°20	6°35	29° 1	13°34	15° 5	16°33	27°26	W26
T 27	22 20 38	4°12'12	13♍ 7	0°53	19° 4	13°28	17°32	4° 2	21°19	6°35	29° 3	13°30	15° 2	16°39	27°34	T 27
F 28	22 24 35	5° 9'46	28°16	1°33	19°56	14° 6	17°43	4° 9	21°17	6°34	29° 5	13°27	14°59	16°46	27°41	F 28
S 29	22 28 31	6° 7'20	13♎11	2° 9	20°48	14°44	17°55	4°16	21°16	6°34	29° 6	13°D26	14°55	16°53	27°49	S 29
S 30	22 32 28	7° 4'55	27°47	2°42	21°41	15°22	18° 6	4°23	21°14	6°33	29° 8	13°27	14°52	16°59	27°57	S 30
M31	22 36 25	8♍ 2'31	12♏ 0	3♎10	22♋34	16♍ 0	18♋17	4♎30	21♈13	6♉32	29♌10	13♎28	14♎49	17♓ 6	28♍ 6	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n48	2s29	1s 0	13n31	1n29	18n 4	5s12	13n32	1n10	22n27	0s17	1n21	2n 2	7n45	0s42	12n10	1s34	18n 6	6n31	5s57	6s25	3s46	1s 8	3s39
S 2	17 33	6 53	0n17	12 51	1 24	18 5	5 11	13 19	1 10	22 26	0 17	1 19	2 2	7 44	0 42	12 10	1 34	18 5	6 31	5 57	6 23	3 45	1 10	3 39
M 3	17 17	10 47	1 30	12 10	1 18	18 5	5 10	13 6	1 9	22 24	0 17	1 16	2 2	7 44	0 42	12 10	1 34	18 5	6 31	5 57	6 22	3 43	1 12	3 38
T 4	17 1	14 1	2 37	11 29	1 12	18 6	5 9	12 52	1 9	22 23	0 17	1 14	2 2	7 44	0 42	12 10	1 34	18 4	6 31	5 57	6 21	3 41	1 15	3 38
W 5	16 45	16 25	3 33	10 47	1 5	18 6	5 8	12 39	1 9	22 22	0 17	1 12	2 2	7 44	0 42	12 10	1 34	18 3	6 31	5 56	6 20	3 39	1 17	3 37
T 6	16 29	17 53	4 17	10 6	0 58	18 7	5 6	12 25	1 9	22 21	0 17	1 9	2 1	7 44	0 42	12 10	1 34	18 3	6 31	5 55	6 19	3 37	1 19	3 37
F 7	16 13	18 25	4 47	9 25	0 50	18 8	5 4	12 12	1 9	22 20	0 17	1 7	2 1	7 43	0 42	12 10	1 34	18 2	6 31	5 53	6 17	3 35	1 21	3 36
S 8	15 56	18 1	5 2	8 44	0 42	18 9	5 2	11 58	1 9	22 19	0 17	1 4	2 1	7 43	0 42	12 10	1 34	18 2	6 31	5 50	6 16	3 33	1 24	3 36
S 9	15 39	16 45	5 3	8 3	0 34	18 10	5 0	11 45	1 8	22 17	0 17	1 2	2 1	7 43	0 42	12 10	1 34	18 1	6 31	5 46	6 15	3 32	1 26	3 35
M10	15 21	14 44	4 50	7 22	0 25	18 11	4 57	11 31	1 8	22 16	0 17	0 59	2 1	7 43	0 42	12 10	1 34	18 1	6 31	5 42	6 14	3 30	1 29	3 35
T 11	15 4	12 6	4 24	6 41	0 16	18 12	4 54	11 17	1 8	22 15	0 16	0 57	2 1	7 42	0 42	12 10	1 34	18 0	6 31	5 38	6 12	3 28	1 31	3 34
W12	14 46	8 59	3 46	6 1	0 7	18 12	4 52	11 3	1 8	22 14	0 16	0 54	2 1	7 42	0 43	12 10	1 34	17 59	6 31	5 35	6 11	3 26	1 33	3 34
T 13	14 28	5 32	2 59	5 21	0s 2	18 13	4 49	10 49	1 8	22 12	0 16	0 52	2 1	7 42	0 43	12 10	1 34	17 59	6 31	5 32	6 10	3 24	1 36	3 33
F 14	14 10	1 53	2 3	4 41	0 12	18 14	4 46	10 35	1 8	22 11	0 16	0 49	2 1	7 42	0 43	12 10	1 34	17 58	6 31	5 30	6 9	3 22	1 38	3 33
S 15	13 51	1n50	1 3	4 2	0 22	18 14	4 42	10 21	1 7	22 10	0 16	0 47	2 1	7 41	0 43	12 10	1 34	17 58	6 31	5 29	6 8	3 21	1 41	3 33
S 16	13 33	5 29	0s 0	3 24	0 33	18 15	4 39	10 7	1 7	22 8	0 16	0 44	2 0	7 41	0 43	12 10	1 34	17 57	6 31	5 29	6 6	3 19	1 43	3 32
M17	13 14	8 57	1 4	2 46	0 43	18 15	4 35	9 53	1 7	22 7	0 16	0 41	2 0	7 40	0 43	12 10	1 34	17 57	6 31	5 29	6 5	3 17	1 46	3 32
T 18	12 55	12 6	2 6	2 9	0 54	18 15	4 32	9 38	1 7	22 6	0 16	0 39	2 0	7 40	0 43	12 9	1 34	17 56	6 31	5 29	6 4	3 15	1 49	3 31
W19	12 35	14 45	3 4	1 32	1 5	18 15	4 28	9 24	1 7	22 4	0 16	0 36	2 0	7 40	0 43	12 9	1 35	17 55	6 31	5 30	6 3	3 13	1 51	3 31
T 20	12 16	16 47	3 54	0 57	1 16	18 14	4 24	9 10	1 6	22 3	0 16	0 34	2 0	7 39	0 43	12 9	1 35	17 55	6 31	5 30	6 1	3 11	1 54	3 30
F 21	11 56	18 1	4 34	0 22	1 27	18 14	4 20	8 55	1 6	22 2	0 16	0 31	2 0	7 39	0 43	12 9	1 35	17 54	6 31	5 29	6 0	3 9	1 56	3 30
S 22	11 36	18 17	5 0	0s12	1 38	18 13	4 16	8 41	1 6	22 0	0 16	0 28	2 0	7 38	0 43	12 9	1 35	17 54	6 32	5 28	5 59	3 8	1 59	3 29
S 23	11 16	17 28	5 10	0 45	1 50	18 12	4 11	8 26	1 6	21 59	0 16	0 25	2 0	7 38	0 43	12 9	1 35	17 53	6 32	5 26	5 58	3 6	2 2	3 29
M24	10 56	15 31	5 0	1 16	2 1	18 10	4 7	8 12	1 6	21 58	0 16	0 23	2 0	7 37	0 43	12 8	1 35	17 53	6 32	5 24	5 57	3 4	2 4	3 29
T 25	10 36	12 31	4 31	1 47	2 13	18 9	4 3	7 57	1 5	21 56	0 15	0 20	2 0	7 37	0 43	12 8	1 35	17 52	6 32	5 21	5 55	3 2	2 7	3 28
W26	10 15	8 38	3 42	2 16	2 24	18 7	3 58	7 42	1 5	21 55	0 15	0 17	2 0	7 36	0 43	12 8	1 35	17 51	6 32	5 19	5 54	3 0	2 10	3 28
T 27	9 54	4 10	2 38	2 44	2 35	18 5	3 54	7 28	1 5	21 53	0 15	0 14	2 0	7 36	0 43	12 8	1 35	17 51	6 32	5 18	5 53	2 58	2 13	3 27
F 28	9 33	0s34	1 22	3 10	2 47	18 2	3 49	7 13	1 5	21 52	0 15	0 12	2 0	7 35	0 43	12 7	1 35	17 50	6 32	5 17	5 52	2 57	2 15	3 27
S 29	9 12	5 12	0 1	3 34	2 58	17 59	3 45	6 58	1 5	21 51	0 15	0 9	2 0	7 35	0 43	12 7	1 35	17 50	6 32	5 16	5 51	2 55	2 18	3 27
S 30	8 51	9 25	1n18	3 57	3 9	17 56	3 40	6 43	1 4	21 49	0 15	0 6	2 0	7 34	0 43	12 7	1 35	17 49	6 32	5 16	5 49	2 53	2 21	3 26
M31	8n30	12s58	2n30	4s18	3s20	17n52	3s35	6n28	1n 4	21n48	0s15	0n 3	1n59	7n34	0s43	12n 7	1s35	17n49	6n32	5s17	5s48	2s51	2s24	3s26

Julian Day Number = 2885299.5, Delta T = 01h17m05s
Ecliptic obliquity = 23°17'00, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°22'19, Lahiri = 40°29'20

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ASTRODIENST EPHEMERIS for the year 3187
geocentric

SEPTEMBER 3187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 40 21	9♍ 0'08	25♏48	3♎33	23♋28	16♍38	18♋28	4♎37	21°R11	6°R32	29♌12	13♎29	14♎46	17♓13	28♍14	T 1
W 2	22 44 18	9°57'46	9♐12	3°53	24°23	17°16	18°39	4°44	21♈10	6♉31	29°13	13°R30	14°43	17°19	28°22	W 2
T 3	22 48 14	10°55'24	22°14	4° 7	25°18	17°54	18°50	4°51	21° 8	6°30	29°15	13°29	14°39	17°26	28°30	T 3
F 4	22 52 11	11°53'04	4♑57	4°16	26°13	18°32	19° 1	4°58	21° 6	6°29	29°17	13°27	14°36	17°33	28°38	F 4
S 5	22 56 7	12°50'44	17°24	4°R20	27° 9	19°11	19°12	5° 5	21° 5	6°29	29°19	13°24	14°33	17°39	28°46	S 5
S 6	23 0 4	13°48'25	29°39	4°18	28° 6	19°49	19°22	5°12	21° 3	6°28	29°20	13°20	14°30	17°46	28°54	S 6
M 7	23 4 0	14°46'08	11♒44	4°11	29° 3	20°27	19°33	5°20	21° 1	6°27	29°22	13°15	14°27	17°53	29° 2	M 7
T 8	23 7 57	15°43'51	23°42	3°58	0♌ 0	21° 5	19°43	5°27	20°59	6°26	29°24	13°10	14°24	17°59	29°11	T 8
W 9	23 11 54	16°41'36	5♓34	3°40	0°58	21°43	19°54	5°34	20°58	6°25	29°26	13° 6	14°20	18° 6	29°19	W 9
T 10	23 15 50	17°39'22	17°24	3°15	1°56	22°21	20° 4	5°41	20°56	6°24	29°27	13° 3	14°17	18°13	29°27	T 10
F 11	23 19 47	18°37'09	29°12	2°45	2°55	22°59	20°14	5°49	20°54	6°23	29°29	13° 1	14°14	18°19	29°36	F 11
S 12	23 23 43	19°34'57	11♈ 2	2°10	3°54	23°37	20°24	5°56	20°52	6°22	29°31	13°D 0	14°11	18°26	29°44	S 12
S 13	23 27 40	20°32'47	22°55	1°29	4°54	24°15	20°34	6° 3	20°50	6°21	29°32	13° 0	14° 8	18°33	29°52	S 13
M14	23 31 36	21°30'39	4♉55	0°44	5°54	24°53	20°44	6°11	20°48	6°20	29°34	13° 1	14° 4	18°39	0♎ 0	M14
T 15	23 35 33	22°28'32	17° 4	29♍55	6°54	25°32	20°54	6°18	20°46	6°19	29°36	13° 3	14° 1	18°46	0° 9	T 15
W16	23 39 29	23°26'27	29°27	29° 3	7°55	26°10	21° 3	6°25	20°44	6°18	29°37	13° 4	13°58	18°53	0°17	W16
T 17	23 43 26	24°24'23	12♊ 7	28° 9	8°56	26°48	21°13	6°33	20°42	6°17	29°39	13° 5	13°55	18°59	0°25	T 17
F 18	23 47 22	25°22'22	25° 7	27°13	9°57	27°26	21°22	6°40	20°40	6°16	29°41	13°R 6	13°52	19° 6	0°34	F 18
S 19	23 51 19	26°20'22	8♋31	26°17	10°59	28° 4	21°31	6°48	20°38	6°14	29°42	13° 6	13°49	19°13	0°42	S 19
S 20	23 55 16	27°18'24	22°22	25°22	12° 1	28°42	21°40	6°55	20°35	6°13	29°44	13° 4	13°45	19°19	0°51	S 20
M21	23 59 12	28°16'28	6♌38	24°29	13° 3	29°20	21°49	7° 3	20°33	6°12	29°46	13° 3	13°42	19°26	0°59	M21
T 22	0 3 9	29°14'34	21°18	23°39	14° 6	29°59	21°58	7°10	20°31	6°11	29°47	13° 1	13°39	19°33	1° 7	T 22
W23	0 7 5	0♎12'41	6♍16	22°55	15° 9	0♎37	22° 7	7°18	20°29	6°10	29°49	13° 0	13°36	19°39	1°16	W23
T 24	0 11 2	1°10'50	21°25	22°15	16°12	1°15	22°16	7°25	20°27	6° 8	29°50	12°58	13°33	19°46	1°24	T 24
F 25	0 14 58	2° 9'01	6♎35	21°43	17°15	1°53	22°24	7°33	20°24	6° 7	29°52	12°D58	13°30	19°53	1°33	F 25
S 26	0 18 55	3° 7'14	21°37	21°17	18°19	2°32	22°33	7°40	20°22	6° 6	29°53	12°58	13°26	19°59	1°41	S 26
S 27	0 22 51	4° 5'28	6♏24	21° 0	19°23	3°10	22°41	7°48	20°20	6° 4	29°55	12°58	13°23	20° 6	1°49	S 27
M28	0 26 48	5° 3'43	20°47	20°D52	20°27	3°48	22°49	7°55	20°18	6° 3	29°56	12°59	13°20	20°13	1°58	M28
T 29	0 30 45	6° 2'00	4♐46	20°52	21°32	4°26	22°57	8° 3	20°15	6° 2	29°58	13° 0	13°17	20°19	2° 6	T 29
W30	0 34 41	7♎ 0'19	18♐17	21♍ 1	22♌37	5♎ 5	23♋ 5	8♎10	20♈13	6♉ 0	29♌59	13♎ 0	13♎14	20♓26	2♎15	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n 9	15s40	3n31	4s37	3s30	17n48	3s30	6n13	1n 4	21n46	0s15	0n 1	1n59	7n33	0s43	12n 6	1s35	17n48	6n32	5s17	5s47	2s49	2s27	3s25
W 2	7 47	17 25	4 19	4 54	3 40	17 44	3 25	5 58	1 4	21 45	0 15	0s 2	1 59	7 32	0 43	12 6	1 35	17 48	6 33	5 18	5 46	2 47	2 30	3 25
T 3	7 25	18 12	4 52	5 9	3 50	17 39	3 20	5 44	1 3	21 43	0 15	0 5	1 59	7 32	0 43	12 6	1 35	17 47	6 33	5 17	5 44	2 45	2 32	3 25
F 4	7 4	18 2	5 9	5 21	3 59	17 34	3 15	5 28	1 3	21 42	0 15	0 8	1 59	7 31	0 43	12 6	1 35	17 47	6 33	5 17	5 43	2 44	2 35	3 24
S 5	6 42	17 0	5 12	5 30	4 8	17 29	3 10	5 13	1 3	21 41	0 15	0 11	1 59	7 30	0 43	12 5	1 35	17 46	6 33	5 15	5 42	2 42	2 38	3 24
S 6	6 20	15 11	5 0	5 37	4 15	17 23	3 5	4 58	1 3	21 39	0 15	0 14	1 59	7 30	0 43	12 5	1 35	17 46	6 33	5 14	5 41	2 40	2 41	3 24
M 7	5 58	12 44	4 35	5 40	4 22	17 16	3 0	4 43	1 3	21 38	0 15	0 17	1 59	7 29	0 43	12 5	1 36	17 45	6 33	5 12	5 40	2 38	2 44	3 23
T 8	5 35	9 47	3 58	5 40	4 28	17 10	2 55	4 28	1 2	21 36	0 15	0 19	1 59	7 28	0 43	12 4	1 36	17 45	6 33	5 10	5 38	2 36	2 47	3 23
W 9	5 13	6 26	3 11	5 38	4 33	17 3	2 50	4 13	1 2	21 35	0 14	0 22	1 59	7 28	0 43	12 4	1 36	17 44	6 33	5 8	5 37	2 34	2 50	3 23
T 10	4 51	2 51	2 16	5 31	4 37	16 55	2 45	3 58	1 2	21 33	0 14	0 25	1 59	7 27	0 43	12 4	1 36	17 44	6 33	5 7	5 36	2 33	2 53	3 22
F 11	4 28	0n50	1 15	5 21	4 39	16 47	2 40	3 43	1 2	21 32	0 14	0 28	1 59	7 26	0 43	12 3	1 36	17 43	6 34	5 6	5 35	2 31	2 56	3 22
S 12	4 6	4 30	0 11	5 8	4 40	16 39	2 35	3 27	1 1	21 31	0 14	0 31	1 59	7 25	0 43	12 3	1 36	17 43	6 34	5 6	5 33	2 29	2 59	3 22
S 13	3 43	8 1	0s55	4 51	4 39	16 30	2 30	3 12	1 1	21 29	0 14	0 34	1 59	7 25	0 43	12 2	1 36	17 42	6 34	5 6	5 32	2 27	3 2	3 21
M14	3 21	11 13	1 58	4 31	4 36	16 20	2 24	2 57	1 1	21 28	0 14	0 37	1 59	7 24	0 43	12 2	1 36	17 42	6 34	5 7	5 31	2 25	3 5	3 21
T 15	2 58	13 59	2 57	4 8	4 32	16 11	2 19	2 42	1 1	21 26	0 14	0 40	1 59	7 23	0 43	12 2	1 36	17 41	6 34	5 7	5 30	2 23	3 8	3 21
W16	2 35	16 10	3 49	3 41	4 25	16 1	2 14	2 26	1 0	21 25	0 14	0 43	1 59	7 22	0 43	12 1	1 36	17 41	6 34	5 8	5 29	2 21	3 11	3 20
T 17	2 12	17 36	4 32	3 12	4 17	15 50	2 9	2 11	1 0	21 24	0 14	0 46	1 59	7 22	0 43	12 1	1 36	17 40	6 34	5 8	5 27	2 20	3 14	3 20
F 18	1 50	18 11	5 1	2 41	4 7	15 39	2 4	1 56	1 0	21 22	0 14	0 48	1 59	7 21	0 43	12 1	1 36	17 40	6 34	5 8	5 26	2 18	3 17	3 20
S 19	1 27	17 46	5 16	2 8	3 55	15 28	1 59	1 40	0 59	21 21	0 14	0 51	1 59	7 20	0 43	12 0	1 36	17 39	6 35	5 8	5 25	2 16	3 20	3 20
S 20	1 4	16 18	5 12	1 33	3 41	15 16	1 53	1 25	0 59	21 19	0 14	0 54	1 59	7 19	0 43	12 0	1 36	17 39	6 35	5 8	5 24	2 14	3 23	3 19
M21	0 41	13 48	4 50	0 59	3 26	15 3	1 48	1 10	0 59	21 18	0 14	0 57	1 59	7 18	0 43	11 59	1 36	17 38	6 35	5 7	5 22	2 12	3 26	3 19
T 22	0 18	10 22	4 9	0 24	3 9	14 51	1 43	0 54	0 59	21 17	0 14	1 0	1 59	7 18	0 43	11 59	1 36	17 38	6 35	5 7	5 21	2 10	3 29	3 19
W23	0s 5	6 13	3 10	0n10	2 52	14 38	1 38	0 39	0 58	21 15	0 14	1 3	1 59	7 17	0 43	11 58	1 36	17 38	6 35	5 6	5 20	2 9	3 32	3 18
T 24	0 28	1 36	1 57	0 42	2 33	14 24	1 33	0 24	0 58	21 14	0 13	1 6	1 59	7 16	0 43	11 58	1 36	17 37	6 35	5 5	5 19	2 7	3 35	3 18
F 25	0 51	3s 8	0 35	1 13	2 14	14 10	1 28	0 8	0 58	21 13	0 13	1 9	1 59	7 15	0 43	11 57	1 36	17 37	6 36	5 5	5 17	2 5	3 38	3 18
S 26	1 14	7 38	0n48	1 41	1 54	13 56	1 23	0s 7	0 58	21 12	0 13	1 12	1 59	7 14	0 43	11 57	1 36	17 36	6 36	5 5	5 16	2 3	3 42	3 18
S 27	1 37	11 34	2 7	2 5	1 35	13 41	1 18	0 22	0 57	21 10	0 13	1 15	1 59	7 13	0 43	11 56	1 36	17 36	6 36	5 5	5 15	2 1	3 45	3 17
M28	2 0	14 42	3 15	2 27	1 15	13 25	1 13	0 38	0 57	21 9	0 13	1 18	1 59	7 13	0 43	11 56	1 36	17 36	6 36	5 6	5 14	1 59	3 48	3 17
T 29	2 23	16 51	4 10	2 44	0 56	13 10	1 8	0 53	0 57	21 8	0 13	1 21	1 59	7 12	0 43	11 56	1 36	17 35	6 36	5 6	5 13	1 58	3 51	3 17
W30	2s46	17s58	4n49	2n57	0s38	12n54	1s 3	1s 8	0n56	21n 7	0s13	1s24	1n59	7n11	0s43	11n55	1s36	17n35	6n36	5s 6	5s11	1s56	3s54	3s17

Julian Day Number = 2885330.5, Delta T = 01h17m06s
Ecliptic obliquity = 23°17'00, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°22'24, Lahiri = 40°29'24

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ASTRODIENST EPHEMERIS for the year 3187
geocentric

OCTOBER 3187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 38 38	7♎58'39	1♉23	21♍20	23♌42	5♎43	23♋13	8♎18	20°R11	5°R59	0♍ 1	13♎ 1	13♎10	20♓32	2♎23	T 1
F 2	0 42 34	8°57'00	14° 7	21°47	24°47	6°21	23°20	8°26	20♈ 8	5♉57	0° 2	13°R 1	13° 7	20°39	2°31	F 2
S 3	0 46 31	9°55'23	26°31	22°23	25°53	6°59	23°28	8°33	20° 6	5°56	0° 4	13° 0	13° 4	20°46	2°40	S 3
S 4	0 50 27	10°53'48	8♒41	23° 8	26°58	7°38	23°35	8°41	20° 4	5°54	0° 5	13° 0	13° 1	20°52	2°48	S 4
M 5	0 54 24	11°52'14	20°40	24° 1	28° 4	8°16	23°42	8°48	20° 1	5°53	0° 7	13° 0	12°58	20°59	2°57	M 5
T 6	0 58 20	12°50'41	2♓33	25° 1	29°10	8°54	23°49	8°56	19°59	5°51	0° 8	13°D 0	12°55	21° 6	3° 5	T 6
W 7	1 2 17	13°49'11	14°22	26° 9	0♍17	9°33	23°56	9° 3	19°56	5°50	0° 9	13° 0	12°51	21°12	3°13	W 7
T 8	1 6 14	14°47'41	26°10	27°22	1°23	10°11	24° 3	9°11	19°54	5°48	0°11	13° 0	12°48	21°19	3°22	T 8
F 9	1 10 10	15°46'14	8♈ 1	28°42	2°30	10°49	24° 9	9°18	19°52	5°47	0°12	13°R 0	12°45	21°26	3°30	F 9
S 10	1 14 7	16°44'49	19°57	0♎ 7	3°37	11°28	24°16	9°26	19°49	5°45	0°13	13° 0	12°42	21°32	3°38	S 10
S 11	1 18 3	17°43'25	1♉59	1°36	4°44	12° 6	24°22	9°33	19°47	5°44	0°15	13° 0	12°39	21°39	3°47	S 11
M12	1 22 0	18°42'03	14°10	3°10	5°52	12°44	24°28	9°41	19°44	5°42	0°16	12°59	12°35	21°46	3°55	M12
T 13	1 25 56	19°40'44	26°31	4°46	6°59	13°23	24°34	9°48	19°42	5°41	0°17	12°59	12°32	21°52	4° 3	T 13
W14	1 29 53	20°39'26	9♊ 4	6°26	8° 7	14° 1	24°40	9°56	19°40	5°39	0°19	12°58	12°29	21°59	4°11	W14
T 15	1 33 49	21°38'11	21°52	8° 8	9°15	14°40	24°45	10° 3	19°37	5°37	0°20	12°57	12°26	22° 6	4°20	T 15
F 16	1 37 46	22°36'57	4♋57	9°52	10°23	15°18	24°51	10°11	19°35	5°36	0°21	12°56	12°23	22°12	4°28	F 16
S 17	1 41 42	23°35'46	18°20	11°37	11°31	15°57	24°56	10°18	19°32	5°34	0°22	12°D55	12°20	22°19	4°36	S 17
S 18	1 45 39	24°34'38	2♌ 2	13°24	12°40	16°35	25° 1	10°25	19°30	5°32	0°23	12°56	12°16	22°26	4°44	S 18
M19	1 49 36	25°33'31	16° 5	15°11	13°48	17°14	25° 6	10°33	19°28	5°31	0°24	12°56	12°13	22°32	4°52	M19
T 20	1 53 32	26°32'27	0♍27	16°59	14°57	17°52	25°11	10°40	19°25	5°29	0°26	12°57	12°10	22°39	5° 0	T 20
W21	1 57 29	27°31'25	15° 6	18°47	16° 6	18°31	25°15	10°47	19°23	5°28	0°27	12°58	12° 7	22°46	5° 8	W21
T 22	2 1 25	28°30'24	29°56	20°35	17°15	19° 9	25°20	10°55	19°20	5°26	0°28	12°59	12° 4	22°52	5°16	T 22
F 23	2 5 22	29°29'27	14♎53	22°22	18°25	19°48	25°24	11° 2	19°18	5°24	0°29	12°R59	12° 1	22°59	5°24	F 23
S 24	2 9 18	0♏28'31	29°46	24°10	19°34	20°26	25°28	11° 9	19°16	5°23	0°30	12°59	11°57	23° 5	5°32	S 24
S 25	2 13 15	1°27'37	14♏30	25°57	20°44	21° 5	25°32	11°17	19°13	5°21	0°31	12°57	11°54	23°12	5°40	S 25
M26	2 17 11	2°26'45	28°56	27°44	21°53	21°43	25°36	11°24	19°11	5°19	0°32	12°55	11°51	23°19	5°48	M26
T 27	2 21 8	3°25'55	13♐ 0	29°30	23° 3	22°22	25°39	11°31	19° 9	5°18	0°33	12°52	11°48	23°25	5°56	T 27
W28	2 25 5	4°25'07	26°37	1♑16	24°13	23° 1	25°43	11°38	19° 6	5°16	0°34	12°49	11°45	23°32	6° 4	W28
T 29	2 29 1	5°24'21	9♑49	3° 1	25°23	23°39	25°46	11°45	19° 4	5°14	0°35	12°47	11°41	23°39	6°12	T 29
F 30	2 32 58	6°23'36	22°37	4°46	26°34	24°18	25°49	11°52	19° 2	5°13	0°36	12°45	11°38	23°45	6°20	F 30
S 31	2 36 54	7♏22'53	5♒ 3	6♏29	27♍44	24♎57	25♋52	12♎ 0	19♈ 0	5♉11	0♍37	12°D44	11♎35	23♓52	6♎27	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s 9	18s 5	5n11	3n 7	0s20	12n37	0s58	1s24	0n56	21n 5	0s13	1s26	1n59	7n10	0s43	11n55	1s36	17n35	6n37	5s 6	5s10	1s54	3s57	3s17
F 2	3 32	17 16	5 18	3 11	0 3	12 20	0 53	1 39	0 56	21 4	0 13	1 29	1 59	7 9	0 43	11 54	1 36	17 34	6 37	5 6	5 9	1 52	4 0	3 16
S 3	3 54	15 39	5 9	3 12	0n13	12 3	0 48	1 54	0 56	21 3	0 13	1 32	1 59	7 8	0 43	11 54	1 36	17 34	6 37	5 6	5 8	1 50	4 3	3 16
S 4	4 17	13 21	4 47	3 8	0 28	11 46	0 44	2 10	0 55	21 2	0 13	1 35	1 59	7 7	0 43	11 53	1 37	17 34	6 37	5 6	5 6	1 48	4 6	3 16
M 5	4 40	10 31	4 12	3 0	0 41	11 28	0 39	2 25	0 55	21 1	0 13	1 38	1 59	7 6	0 43	11 53	1 37	17 33	6 37	5 6	5 5	1 46	4 9	3 16
T 6	5 2	7 17	3 27	2 48	0 54	11 9	0 34	2 40	0 55	20 59	0 13	1 41	2 0	7 6	0 43	11 52	1 37	17 33	6 38	5 6	5 4	1 45	4 13	3 15
W 7	5 25	3 46	2 33	2 31	1 5	10 50	0 30	2 55	0 54	20 58	0 13	1 44	2 0	7 5	0 43	11 52	1 37	17 33	6 38	5 6	5 3	1 43	4 16	3 15
T 8	5 48	0 6	1 32	2 11	1 15	10 31	0 25	3 11	0 54	20 57	0 13	1 47	2 0	7 4	0 43	11 51	1 37	17 32	6 38	5 6	5 2	1 41	4 19	3 15
F 9	6 10	3n35	0 28	1 48	1 24	10 12	0 20	3 26	0 54	20 56	0 12	1 50	2 0	7 3	0 43	11 50	1 37	17 32	6 38	5 6	5 0	1 39	4 22	3 15
S 10	6 32	7 9	0s38	1 21	1 31	9 52	0 16	3 41	0 53	20 55	0 12	1 53	2 0	7 2	0 43	11 50	1 37	17 32	6 38	5 6	4 59	1 37	4 25	3 15
S 11	6 55	10 28	1 44	0 52	1 38	9 32	0 12	3 56	0 53	20 54	0 12	1 55	2 0	7 1	0 43	11 49	1 37	17 31	6 39	5 6	4 58	1 35	4 28	3 14
M12	7 17	13 22	2 45	0 19	1 43	9 11	0 7	4 11	0 53	20 53	0 12	1 58	2 0	7 0	0 43	11 49	1 37	17 31	6 39	5 6	4 57	1 34	4 31	3 14
T 13	7 39	15 42	3 39	0s15	1 47	8 51	0 3	4 27	0 52	20 52	0 12	2 1	2 0	6 59	0 43	11 48	1 37	17 31	6 39	5 6	4 55	1 32	4 34	3 14
W14	8 1	17 19	4 24	0 51	1 50	8 30	0n 1	4 42	0 52	20 51	0 12	2 4	2 0	6 58	0 43	11 48	1 37	17 31	6 39	5 5	4 54	1 30	4 37	3 14
T 15	8 23	18 7	4 56	1 30	1 52	8 8	0 5	4 57	0 52	20 50	0 12	2 7	2 0	6 57	0 43	11 47	1 37	17 30	6 39	5 5	4 53	1 28	4 41	3 14
F 16	8 45	17 57	5 14	2 9	1 53	7 46	0 10	5 12	0 51	20 49	0 12	2 10	2 0	6 57	0 43	11 47	1 37	17 30	6 40	5 5	4 52	1 26	4 44	3 14
S 17	9 6	16 49	5 16	2 50	1 53	7 24	0 14	5 27	0 51	20 49	0 12	2 12	2 0	6 56	0 43	11 46	1 37	17 30	6 40	5 4	4 50	1 24	4 47	3 13
S 18	9 28	14 42	5 0	3 31	1 52	7 2	0 18	5 42	0 51	20 48	0 12	2 15	2 0	6 55	0 43	11 46	1 37	17 30	6 40	5 4	4 49	1 23	4 50	3 13
M19	9 49	11 41	4 26	4 14	1 51	6 40	0 21	5 57	0 50	20 47	0 12	2 18	2 0	6 54	0 43	11 45	1 37	17 30	6 40	5 5	4 48	1 21	4 53	3 13
T 20	10 10	7 53	3 35	4 57	1 49	6 17	0 25	6 12	0 50	20 46	0 12	2 21	2 1	6 53	0 43	11 45	1 37	17 29	6 40	5 5	4 47	1 19	4 56	3 13
W21	10 32	3 33	2 29	5 40	1 47	5 54	0 29	6 26	0 50	20 45	0 12	2 24	2 1	6 52	0 43	11 44	1 37	17 29	6 41	5 5	4 46	1 17	4 59	3 13
T 22	10 52	1s 4	1 12	6 23	1 44	5 30	0 33	6 41	0 49	20 45	0 11	2 26	2 1	6 51	0 43	11 43	1 37	17 29	6 41	5 6	4 44	1 15	5 2	3 13
F 23	11 13	5 40	0n10	7 6	1 40	5 7	0 36	6 56	0 49	20 44	0 11	2 29	2 1	6 50	0 43	11 43	1 37	17 29	6 41	5 6	4 43	1 13	5 5	3 13
S 24	11 34	9 53	1 32	7 50	1 36	4 43	0 40	7 11	0 49	20 43	0 11	2 32	2 1	6 49	0 43	11 42	1 37	17 29	6 41	5 6	4 42	1 11	5 8	3 12
S 25	11 54	13 27	2 46	8 33	1 31	4 19	0 43	7 26	0 48	20 43	0 11	2 34	2 1	6 49	0 43	11 42	1 37	17 28	6 42	5 5	4 41	1 10	5 11	3 12
M26	12 15	16 5	3 47	9 15	1 26	3 55	0 47	7 40	0 48	20 42	0 11	2 37	2 1	6 48	0 43	11 41	1 37	17 28	6 42	5 4	4 39	1 8	5 14	3 12
T 27	12 35	17 41	4 34	9 57	1 21	3 30	0 50	7 55	0 48	20 42	0 11	2 40	2 1	6 47	0 43	11 41	1 37	17 28	6 42	5 3	4 38	1 6	5 17	3 12
W28	12 55	18 12	5 3	10 39	1 16	3 6	0 53	8 9	0 47	20 41	0 11	2 43	2 1	6 46	0 43	11 40	1 37	17 28	6 42	5 2	4 37	1 4	5 20	3 12
T 29	13 14	17 41	5 15	11 20	1 10	2 41	0 56	8 24	0 47	20 41	0 11	2 45	2 1	6 45	0 43	11 40	1 37	17 28	6 42	5 1	4 36	1 2	5 23	3 12
F 30	13 34	16 17	5 11	12 1	1 4	2 16	1 0	8 38	0 47	20 40	0 11	2 48	2 2	6 44	0 43	11 39	1 37	17 28	6 43	5 0	4 34	1 0	5 26	3 12
S 31	13s53	14s 9	4n52	12s41	0n58	1n51	1n 3	8s53	0n46	20n40	0s11	2s50	2n 2	6n44	0s43	11n38	1s37	17n28	6n43	5s 0	4s33	0s59	5s29	3s12

Julian Day Number = 2885360.5, Delta T = 01h17m07s
Ecliptic obliquity = 23°17'00, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°22'28, Lahiri = 40°29'28

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ASTRODIENST EPHEMERIS for the year 3187
geocentric

NOVEMBER 3187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 40 51	8♏22'11	17♒13	8♏13	28♍54	25♎35	25♋54	12♎ 7	18°R57	5°R 9	0♍37	12♎44	11♎32	23♓59	6♎35	S 1
M 2	2 44 47	9°21'32	29°10	9°55	0♎ 5	26°14	25°56	12°14	18♈55	5♉ 8	0°38	12°45	11°29	24° 5	6°43	M 2
T 3	2 48 44	10°20'54	11♓ 1	11°37	1°16	26°53	25°59	12°21	18°53	5° 6	0°39	12°47	11°26	24°12	6°50	T 3
W 4	2 52 40	11°20'17	22°49	13°18	2°27	27°31	26° 1	12°28	18°51	5° 4	0°40	12°49	11°22	24°19	6°58	W 4
T 5	2 56 37	12°19'43	4♈39	14°58	3°38	28°10	26° 2	12°34	18°49	5° 3	0°41	12°50	11°19	24°25	7° 6	T 5
F 6	3 0 34	13°19'10	16°34	16°38	4°49	28°49	26° 4	12°41	18°47	5° 1	0°41	12°R50	11°16	24°32	7°13	F 6
S 7	3 4 30	14°18'39	28°37	18°17	6° 0	29°28	26° 6	12°48	18°44	4°59	0°42	12°49	11°13	24°39	7°20	S 7
S 8	3 8 27	15°18'11	10♉52	19°55	7°11	0♏ 6	26° 7	12°55	18°42	4°58	0°43	12°47	11°10	24°45	7°28	S 8
M 9	3 12 23	16°17'44	23°18	21°33	8°22	0°45	26° 8	13° 2	18°40	4°56	0°43	12°42	11° 7	24°52	7°35	M 9
T 10	3 16 20	17°17'19	5♊58	23°10	9°34	1°24	26° 9	13° 8	18°38	4°54	0°44	12°37	11° 3	24°59	7°43	T 10
W11	3 20 16	18°16'56	18°51	24°46	10°46	2° 3	26° 9	13°15	18°36	4°53	0°44	12°30	11° 0	25° 5	7°50	W11
T 12	3 24 13	19°16'35	1♋57	26°22	11°57	2°42	26°10	13°22	18°34	4°51	0°45	12°24	10°57	25°12	7°57	T 12
F 13	3 28 9	20°16'17	15°15	27°58	13° 9	3°21	26°10	13°28	18°32	4°49	0°46	12°19	10°54	25°19	8° 4	F 13
S 14	3 32 6	21°16'00	28°47	29°32	14°21	4° 0	26°R10	13°35	18°30	4°48	0°46	12°15	10°51	25°25	8°11	S 14
S 15	3 36 3	22°15'46	12♌30	1♐ 7	15°33	4°38	26°10	13°41	18°29	4°46	0°47	12°13	10°47	25°32	8°18	S 15
M16	3 39 59	23°15'34	26°26	2°41	16°45	5°17	26° 9	13°48	18°27	4°45	0°47	12°D13	10°44	25°38	8°25	M16
T 17	3 43 56	24°15'24	10♍33	4°14	17°57	5°56	26° 9	13°54	18°25	4°43	0°48	12°14	10°41	25°45	8°32	T 17
W18	3 47 52	25°15'16	24°51	5°47	19°10	6°35	26° 8	14° 0	18°23	4°42	0°48	12°15	10°38	25°52	8°39	W18
T 19	3 51 49	26°15'10	9♎17	7°19	20°22	7°14	26° 7	14° 7	18°21	4°40	0°48	12°R16	10°35	25°58	8°46	T 19
F 20	3 55 45	27°15'07	23°49	8°51	21°35	7°53	26° 6	14°13	18°20	4°39	0°49	12°15	10°32	26° 5	8°52	F 20
S 21	3 59 42	28°15'05	8♏20	10°23	22°47	8°32	26° 5	14°19	18°18	4°37	0°49	12°13	10°28	26°12	8°59	S 21
S 22	4 3 38	29°15'06	22°46	11°54	24° 0	9°11	26° 3	14°25	18°16	4°36	0°49	12° 8	10°25	26°18	9° 6	S 22
M23	4 7 35	0♐15'08	7♐ 0	13°24	25°13	9°51	26° 1	14°31	18°15	4°34	0°50	12° 1	10°22	26°25	9°12	M23
T 24	4 11 32	1°15'12	20°57	14°55	26°25	10°30	25°59	14°37	18°13	4°33	0°50	11°53	10°19	26°32	9°19	T 24
W25	4 15 28	2°15'18	4♑33	16°24	27°38	11° 9	25°57	14°43	18°11	4°31	0°50	11°44	10°16	26°38	9°25	W25
T 26	4 19 25	3°15'26	17°46	17°54	28°51	11°48	25°55	14°49	18°10	4°30	0°50	11°36	10°13	26°45	9°31	T 26
F 27	4 23 21	4°15'35	0♒35	19°22	0♏ 4	12°27	25°52	14°55	18° 9	4°28	0°50	11°29	10° 9	26°52	9°38	F 27
S 28	4 27 18	5°15'45	13° 4	20°51	1°17	13° 6	25°49	15° 0	18° 7	4°27	0°50	11°24	10° 6	26°58	9°44	S 28
S 29	4 31 14	6°15'57	25°15	22°19	2°30	13°45	25°47	15° 6	18° 6	4°26	0°51	11°21	10° 3	27° 5	9°50	S 29
M30	4 35 11	7♐16'11	7♓13	23♐46	3♏44	14♏25	25♋43	15♎12	18♈ 4	4♉24	0♍51	11°D20	10♎ 0	27♓12	9♎56	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s12	11s26	4n20	13s20	0n52	1n26	1n 5	9s 7	0n46	20n39	0s11	2s53	2n 2	6n43	0s43	11n38	1s37	17n28	6n43	5s 0	4s32	0s57	5s32	3s12
M 2	14 31	8 17	3 38	13 58	0 45	1 1	1 8	9 21	0 45	20 39	0 11	2 56	2 2	6 42	0 43	11 37	1 37	17 28	6 43	5 0	4 31	0 55	5 35	3 11
T 3	14 50	4 49	2 46	14 36	0 39	0 35	1 11	9 36	0 45	20 39	0 10	2 58	2 2	6 41	0 43	11 37	1 37	17 28	6 44	5 1	4 29	0 53	5 38	3 11
W 4	15 8	1 11	1 48	15 13	0 32	0 10	1 14	9 50	0 45	20 38	0 10	3 1	2 2	6 40	0 43	11 36	1 37	17 28	6 44	5 2	4 28	0 51	5 41	3 11
T 5	15 26	2n31	0 45	15 49	0 25	0s16	1 16	10 4	0 44	20 38	0 10	3 3	2 2	6 39	0 43	11 36	1 37	17 27	6 44	5 2	4 27	0 49	5 44	3 11
F 6	15 44	6 9	0s20	16 24	0 19	0 42	1 19	10 18	0 44	20 38	0 10	3 6	2 2	6 39	0 43	11 35	1 37	17 27	6 44	5 2	4 26	0 48	5 46	3 11
S 7	16 2	9 35	1 25	16 58	0 12	1 8	1 21	10 32	0 44	20 38	0 10	3 8	2 3	6 38	0 43	11 35	1 37	17 27	6 45	5 2	4 25	0 46	5 49	3 11
S 8	16 19	12 39	2 27	17 31	0 5	1 33	1 23	10 46	0 43	20 37	0 10	3 11	2 3	6 37	0 43	11 34	1 37	17 27	6 45	5 1	4 23	0 44	5 52	3 11
M 9	16 36	15 12	3 23	18 4	0s 2	1 59	1 25	11 0	0 43	20 37	0 10	3 13	2 3	6 36	0 43	11 33	1 37	17 27	6 45	4 59	4 22	0 42	5 55	3 11
T 10	16 53	17 3	4 10	18 35	0 9	2 25	1 28	11 13	0 42	20 37	0 10	3 16	2 3	6 36	0 43	11 33	1 37	17 27	6 45	4 57	4 21	0 40	5 58	3 11
W11	17 10	18 5	4 45	19 5	0 16	2 51	1 30	11 27	0 42	20 37	0 10	3 18	2 3	6 35	0 43	11 32	1 37	17 27	6 46	4 55	4 20	0 38	6 1	3 11
T 12	17 26	18 10	5 6	19 35	0 22	3 17	1 32	11 41	0 42	20 37	0 10	3 21	2 3	6 34	0 43	11 32	1 37	17 27	6 46	4 52	4 18	0 37	6 3	3 11
F 13	17 42	17 16	5 10	20 3	0 29	3 44	1 33	11 54	0 41	20 37	0 10	3 23	2 3	6 33	0 43	11 31	1 37	17 28	6 46	4 50	4 17	0 35	6 6	3 11
S 14	17 58	15 24	4 58	20 30	0 36	4 10	1 35	12 8	0 41	20 37	0 10	3 25	2 4	6 33	0 43	11 31	1 37	17 28	6 46	4 49	4 16	0 33	6 9	3 11
S 15	18 13	12 38	4 29	20 57	0 43	4 36	1 37	12 21	0 40	20 38	0 9	3 28	2 4	6 32	0 43	11 30	1 37	17 28	6 47	4 48	4 15	0 31	6 12	3 11
M16	18 28	9 7	3 43	21 22	0 49	5 2	1 38	12 34	0 40	20 38	0 9	3 30	2 4	6 31	0 43	11 30	1 37	17 28	6 47	4 48	4 13	0 29	6 14	3 10
T 17	18 43	5 2	2 44	21 46	0 56	5 28	1 40	12 48	0 40	20 38	0 9	3 32	2 4	6 31	0 43	11 29	1 37	17 28	6 47	4 48	4 12	0 27	6 17	3 10
W18	18 57	0 36	1 33	22 9	1 2	5 54	1 41	13 1	0 39	20 38	0 9	3 35	2 4	6 30	0 43	11 29	1 37	17 28	6 47	4 49	4 11	0 26	6 20	3 10
T 19	19 11	3s54	0 16	22 31	1 8	6 19	1 42	13 14	0 39	20 38	0 9	3 37	2 4	6 29	0 43	11 28	1 37	17 28	6 48	4 49	4 10	0 24	6 22	3 10
F 20	19 25	8 13	1n 2	22 52	1 15	6 45	1 44	13 27	0 38	20 39	0 9	3 39	2 5	6 29	0 43	11 28	1 37	17 28	6 48	4 49	4 8	0 22	6 25	3 10
S 21	19 38	12 2	2 16	23 11	1 21	7 11	1 45	13 40	0 38	20 39	0 9	3 41	2 5	6 28	0 43	11 27	1 37	17 28	6 48	4 48	4 7	0 20	6 27	3 10
S 22	19 52	15 6	3 21	23 30	1 27	7 37	1 46	13 52	0 37	20 39	0 9	3 43	2 5	6 28	0 43	11 27	1 37	17 28	6 49	4 46	4 6	0 18	6 30	3 10
M23	20 4	17 11	4 12	23 47	1 32	8 2	1 47	14 5	0 37	20 40	0 9	3 46	2 5	6 27	0 43	11 26	1 37	17 28	6 49	4 43	4 5	0 16	6 33	3 10
T 24	20 17	18 12	4 47	24 3	1 38	8 27	1 48	14 18	0 37	20 40	0 9	3 48	2 5	6 26	0 43	11 26	1 37	17 29	6 49	4 40	4 4	0 15	6 35	3 10
W25	20 29	18 8	5 5	24 18	1 43	8 53	1 48	14 30	0 36	20 41	0 8	3 50	2 6	6 26	0 43	11 26	1 37	17 29	6 49	4 37	4 2	0 13	6 38	3 10
T 26	20 40	17 4	5 5	24 32	1 48	9 18	1 49	14 43	0 36	20 41	0 8	3 52	2 6	6 25	0 43	11 25	1 37	17 29	6 50	4 33	4 1	0 11	6 40	3 10
F 27	20 51	15 10	4 50	24 45	1 53	9 43	1 50	14 55	0 35	20 42	0 8	3 54	2 6	6 25	0 42	11 25	1 37	17 29	6 50	4 31	4 0	0 9	6 42	3 10
S 28	21 2	12 36	4 22	24 56	1 58	10 7	1 50	15 7	0 35	20 43	0 8	3 56	2 6	6 24	0 42	11 24	1 37	17 29	6 50	4 29	3 59	0 7	6 45	3 10
S 29	21 13	9 32	3 42	25 6	2 3	10 32	1 50	15 19	0 34	20 43	0 8	3 58	2 6	6 24	0 42	11 24	1 37	17 30	6 50	4 28	3 57	0 5	6 47	3 10
M30	21s23	6s 8	2n53	25s15	2s 7	10s56	1n51	15s31	0n34	20n44	0s 8	4s 0	2n 7	6n23	0s42	11n23	1s36	17n30	6n51	4s27	3s56	0s 4	6s50	3s10

Julian Day Number = 2885391.5, Delta T = 01h17m07s
Ecliptic obliquity = 23°16'59, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°22'32, Lahiri = 40°29'32

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ASTRODIENST EPHEMERIS for the year 3187
geocentric

DECEMBER 3187 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 39 7	8♐16'25	19♓ 3	25♐13	4♏57	15♏ 4	25°R40	15♎17	18°R 3	4°R23	0♍51	11♎21	9♎57	27♓18	10♎ 2	T 1
W 2	4 43 4	9°16'42	0♈51	26°39	6°10	15°43	25♋36	15°23	18♈ 2	4♉22	0°R51	11°22	9°53	27°25	10° 8	W 2
T 3	4 47 1	10°16'59	12°42	28° 4	7°24	16°22	25°33	15°28	18° 1	4°20	0°51	11°R22	9°50	27°31	10°14	T 3
F 4	4 50 57	11°17'18	24°40	29°29	8°37	17° 2	25°29	15°33	17°59	4°19	0°51	11°21	9°47	27°38	10°19	F 4
S 5	4 54 54	12°17'39	6♉51	0♊54	9°51	17°41	25°25	15°39	17°58	4°18	0°51	11°18	9°44	27°45	10°25	S 5
S 6	4 58 50	13°18'01	19°17	2°17	11° 4	18°20	25°21	15°44	17°57	4°17	0°51	11°12	9°41	27°51	10°31	S 6
M 7	5 2 47	14°18'24	1♊59	3°39	12°18	18°59	25°16	15°49	17°56	4°15	0°50	11° 4	9°38	27°58	10°36	M 7
T 8	5 6 43	15°18'49	14°59	5° 1	13°31	19°39	25°11	15°54	17°55	4°14	0°50	10°54	9°34	28° 5	10°42	T 8
W 9	5 10 40	16°19'15	28°16	6°21	14°45	20°18	25° 7	15°59	17°54	4°13	0°50	10°42	9°31	28°11	10°47	W 9
T 10	5 14 36	17°19'43	11♋47	7°40	15°59	20°58	25° 2	16° 4	17°53	4°12	0°50	10°31	9°28	28°18	10°52	T 10
F 11	5 18 33	18°20'13	25°30	8°57	17°13	21°37	24°57	16° 8	17°53	4°11	0°50	10°20	9°25	28°25	10°57	F 11
S 12	5 22 30	19°20'44	9♌21	10°13	18°27	22°16	24°51	16°13	17°52	4°10	0°49	10°12	9°22	28°31	11° 2	S 12
S 13	5 26 26	20°21'17	23°19	11°27	19°41	22°56	24°46	16°18	17°51	4° 9	0°49	10° 7	9°18	28°38	11° 7	S 13
M14	5 30 23	21°21'51	7♍20	12°38	20°55	23°35	24°40	16°22	17°50	4° 8	0°49	10° 4	9°15	28°45	11°12	M14
T 15	5 34 19	22°22'27	21°24	13°47	22° 9	24°15	24°34	16°27	17°50	4° 7	0°48	10°D 3	9°12	28°51	11°17	T 15
W16	5 38 16	23°23'05	5♎29	14°54	23°23	24°54	24°28	16°31	17°49	4° 6	0°48	10°R 4	9° 9	28°58	11°22	W16
T 17	5 42 12	24°23'45	19°36	15°57	24°37	25°34	24°22	16°36	17°49	4° 5	0°48	10° 3	9° 6	29° 5	11°26	T 17
F 18	5 46 9	25°24'26	3♏42	16°56	25°51	26°14	24°16	16°40	17°48	4° 4	0°47	10° 1	9° 3	29°11	11°31	F 18
S 19	5 50 5	26°25'08	17°47	17°51	27° 5	26°53	24°10	16°44	17°48	4° 3	0°47	9°57	8°59	29°18	11°35	S 19
S 20	5 54 2	27°25'52	1♐46	18°42	28°20	27°33	24° 3	16°48	17°47	4° 2	0°46	9°49	8°56	29°24	11°39	S 20
M21	5 57 59	28°26'38	15°37	19°27	29°34	28°12	23°57	16°52	17°47	4° 1	0°46	9°39	8°53	29°31	11°44	M21
T 22	6 1 55	29°27'24	29°15	20° 6	0♐48	28°52	23°50	16°56	17°46	4° 1	0°45	9°26	8°50	29°38	11°48	T 22
W23	6 5 52	0♑28'12	12♑37	20°37	2° 3	29°32	23°43	17° 0	17°46	4° 0	0°45	9°13	8°47	29°44	11°52	W23
T 24	6 9 48	1°29'01	25°41	21° 1	3°17	0♐11	23°36	17° 3	17°46	3°59	0°44	9° 0	8°44	29°51	11°56	T 24
F 25	6 13 45	2°29'51	8♒26	21°17	4°31	0°51	23°29	17° 7	17°46	3°58	0°44	8°49	8°40	29°58	11°59	F 25
S 26	6 17 41	3°30'42	20°52	21°R23	5°46	1°31	23°22	17°10	17°46	3°58	0°43	8°40	8°37	0♈ 4	12° 3	S 26
S 27	6 21 38	4°31'33	3♓ 2	21°19	7° 0	2°11	23°14	17°14	17°D46	3°57	0°42	8°34	8°34	0°11	12° 7	S 27
M28	6 25 34	5°32'25	15° 0	21° 4	8°15	2°50	23° 7	17°17	17°46	3°56	0°42	8°31	8°31	0°18	12°10	M28
T 29	6 29 31	6°33'18	26°50	20°37	9°29	3°30	23° 0	17°20	17°46	3°56	0°41	8°29	8°28	0°24	12°14	T 29
W30	6 33 28	7°34'12	8♈37	19°59	10°44	4°10	22°52	17°23	17°46	3°55	0°40	8°29	8°24	0°31	12°17	W30
T 31	6 37 24	8♑35'06	20♈28	19♑10	11♐59	4♐50	22♋44	17♎26	17♈46	3♉55	0♍40	8♎29	8♎21	0♈38	12♎20	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s33	2s31	1n57	25s23	2s11	11s21	1n51	15s43	0n33	20n45	0s 8	4s 2	2n 7	6n23	0s42	11n23	1s36	17n30	6n51	4s28	3s55	0s 2	6s52	3s10
W 2	21 42	1n12	0 56	25 29	2 15	11 45	1 51	15 55	0 33	20 45	0 8	4 4	2 7	6 22	0 42	11 23	1 36	17 30	6 51	4 28	3 54	0n 0	6 54	3 10
T 3	21 51	4 52	0s 7	25 34	2 18	12 8	1 51	16 6	0 32	20 46	0 8	4 6	2 7	6 22	0 42	11 22	1 36	17 30	6 51	4 28	3 52	0 2	6 57	3 10
F 4	21 59	8 24	1 11	25 38	2 21	12 32	1 51	16 18	0 32	20 47	0 7	4 7	2 7	6 22	0 42	11 22	1 36	17 31	6 52	4 28	3 51	0 4	6 59	3 10
S 5	22 7	11 38	2 12	25 41	2 24	12 55	1 51	16 29	0 32	20 48	0 7	4 9	2 8	6 21	0 42	11 21	1 36	17 31	6 52	4 27	3 50	0 6	7 1	3 10
S 6	22 15	14 25	3 8	25 42	2 26	13 18	1 51	16 41	0 31	20 49	0 7	4 11	2 8	6 21	0 42	11 21	1 36	17 31	6 52	4 24	3 49	0 7	7 3	3 10
M 7	22 22	16 34	3 56	25 42	2 28	13 40	1 50	16 52	0 31	20 50	0 7	4 13	2 8	6 21	0 42	11 21	1 36	17 32	6 52	4 21	3 47	0 9	7 5	3 10
T 8	22 29	17 55	4 33	25 41	2 30	14 3	1 50	17 3	0 30	20 51	0 7	4 14	2 8	6 20	0 42	11 20	1 36	17 32	6 53	4 17	3 46	0 11	7 8	3 10
W 9	22 35	18 21	4 56	25 38	2 31	14 25	1 50	17 14	0 30	20 52	0 7	4 16	2 8	6 20	0 42	11 20	1 36	17 32	6 53	4 13	3 45	0 13	7 10	3 10
T 10	22 41	17 44	5 3	25 35	2 31	14 46	1 49	17 25	0 29	20 53	0 7	4 18	2 9	6 20	0 42	11 20	1 36	17 32	6 53	4 8	3 44	0 15	7 12	3 10
F 11	22 47	16 7	4 52	25 30	2 31	15 8	1 48	17 35	0 29	20 54	0 7	4 19	2 9	6 19	0 42	11 19	1 36	17 33	6 53	4 4	3 42	0 17	7 14	3 10
S 12	22 52	13 32	4 25	25 24	2 31	15 29	1 48	17 46	0 28	20 55	0 7	4 21	2 9	6 19	0 42	11 19	1 36	17 33	6 54	4 1	3 41	0 18	7 16	3 10
S 13	22 56	10 10	3 41	25 17	2 30	15 49	1 47	17 56	0 28	20 56	0 6	4 22	2 9	6 19	0 42	11 19	1 36	17 33	6 54	3 59	3 40	0 20	7 18	3 10
M14	23 0	6 13	2 45	25 8	2 28	16 10	1 46	18 7	0 27	20 57	0 6	4 24	2 10	6 19	0 42	11 18	1 36	17 34	6 54	3 58	3 39	0 22	7 20	3 10
T 15	23 4	1 54	1 37	24 59	2 25	16 29	1 45	18 17	0 27	20 58	0 6	4 25	2 10	6 18	0 42	11 18	1 36	17 34	6 54	3 57	3 37	0 24	7 22	3 11
W16	23 7	2s32	0 24	24 48	2 22	16 49	1 44	18 27	0 26	20 59	0 6	4 27	2 10	6 18	0 42	11 18	1 36	17 35	6 55	3 58	3 36	0 26	7 23	3 11
T 17	23 10	6 50	0n50	24 37	2 18	17 8	1 43	18 37	0 26	21 0	0 6	4 28	2 10	6 18	0 42	11 17	1 36	17 35	6 55	3 57	3 35	0 28	7 25	3 11
F 18	23 12	10 45	2 2	24 25	2 13	17 26	1 42	18 46	0 25	21 2	0 6	4 30	2 11	6 18	0 42	11 17	1 36	17 35	6 55	3 57	3 34	0 29	7 27	3 11
S 19	23 14	14 3	3 6	24 12	2 7	17 45	1 41	18 56	0 25	21 3	0 6	4 31	2 11	6 18	0 42	11 17	1 36	17 36	6 55	3 55	3 32	0 31	7 29	3 11
S 20	23 15	16 30	3 58	23 58	2 0	18 2	1 40	19 6	0 24	21 4	0 6	4 32	2 11	6 18	0 42	11 17	1 36	17 36	6 56	3 52	3 31	0 33	7 30	3 11
M21	23 16	17 57	4 35	23 44	1 52	18 20	1 38	19 15	0 24	21 5	0 5	4 34	2 11	6 17	0 42	11 16	1 36	17 37	6 56	3 48	3 30	0 35	7 32	3 11
T 22	23 17	18 21	4 56	23 29	1 43	18 36	1 37	19 24	0 23	21 7	0 5	4 35	2 12	6 17	0 42	11 16	1 36	17 37	6 56	3 43	3 29	0 37	7 34	3 11
W23	23 17	17 42	5 0	23 14	1 32	18 53	1 35	19 33	0 23	21 8	0 5	4 36	2 12	6 17	0 42	11 16	1 36	17 37	6 56	3 38	3 28	0 39	7 35	3 11
T 24	23 16	16 9	4 48	22 59	1 21	19 8	1 34	19 42	0 22	21 9	0 5	4 37	2 12	6 17	0 42	11 16	1 36	17 38	6 57	3 33	3 26	0 40	7 37	3 11
F 25	23 16	13 49	4 22	22 44	1 8	19 24	1 32	19 51	0 21	21 10	0 5	4 38	2 12	6 17	0 41	11 16	1 36	17 38	6 57	3 28	3 25	0 42	7 39	3 11
S 26	23 14	10 54	3 44	22 28	0 53	19 38	1 31	19 59	0 21	21 12	0 5	4 39	2 13	6 17	0 41	11 15	1 36	17 39	6 57	3 25	3 24	0 44	7 40	3 11
S 27	23 12	7 35	2 56	22 14	0 38	19 53	1 29	20 8	0 20	21 13	0 5	4 40	2 13	6 17	0 41	11 15	1 35	17 39	6 57	3 23	3 23	0 46	7 41	3 11
M28	23 10	4 0	2 1	21 59	0 21	20 6	1 27	20 16	0 20	21 15	0 5	4 41	2 13	6 17	0 41	11 15	1 35	17 40	6 58	3 21	3 21	0 48	7 43	3 11
T 29	23 7	0 19	1 1	21 46	0 3	20 19	1 25	20 24	0 19	21 16	0 4	4 42	2 13	6 17	0 41	11 15	1 35	17 40	6 58	3 21	3 20	0 49	7 44	3 11
W30	23 4	3n23	0s 1	21 32	0n16	20 32	1 23	20 32	0 19	21 17	0 4	4 43	2 14	6 17	0 41	11 15	1 35	17 41	6 58	3 21	3 19	0 51	7 46	3 11
T 31	23s 0	6n58	1s 3	21s20	0n36	20s44	1n21	20s40	0n18	21n19	0s 4	4s44	2n14	6n18	0s41	11n15	1s35	17n41	6n58	3s21	3s18	0n53	7s47	3s11

Julian Day Number = 2885421.5, Delta T = 01h17m08s
Ecliptic obliquity = 23°16'59, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°22'36, Lahiri = 40°29'37

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ASTRODIENST EPHEMERIS for the year 3188
geocentric

JANUARY 3188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 41 21	9♑36'01	2♉27	18°R11	13♐13	5♐30	22°R37	17♎29	17♈46	3°R54	0°R39	8°R28	8♎18	0♈44	12♎23	F 1
S 2	6 45 17	10°36'56	14°40	17♑ 2	14°28	6°10	22♋29	17°32	17°47	3♉54	0♍38	8♎24	8°15	0°51	12°26	S 2
S 3	6 49 14	11°37'52	27°11	15°46	15°43	6°50	22°21	17°35	17°47	3°53	0°37	8°18	8°12	0°58	12°29	S 3
M 4	6 53 10	12°38'49	10♊ 4	14°25	16°57	7°29	22°13	17°37	17°47	3°53	0°36	8° 9	8° 9	1° 4	12°32	M 4
T 5	6 57 7	13°39'46	23°19	13° 2	18°12	8° 9	22° 5	17°40	17°48	3°53	0°35	7°57	8° 5	1°11	12°34	T 5
W 6	7 1 4	14°40'44	6♋56	11°40	19°27	8°49	21°57	17°42	17°48	3°52	0°35	7°45	8° 2	1°17	12°37	W 6
T 7	7 5 0	15°41'43	20°52	10°21	20°41	9°29	21°49	17°45	17°49	3°52	0°34	7°32	7°59	1°24	12°39	T 7
F 8	7 8 57	16°42'42	5♌ 3	9° 8	21°56	10° 9	21°41	17°47	17°49	3°52	0°33	7°20	7°56	1°31	12°41	F 8
S 9	7 12 53	17°43'41	19°22	8° 2	23°11	10°49	21°33	17°49	17°50	3°52	0°32	7°11	7°53	1°37	12°44	S 9
S 10	7 16 50	18°44'42	3♍44	7° 6	24°26	11°29	21°25	17°51	17°50	3°52	0°31	7° 4	7°50	1°44	12°46	S 10
M11	7 20 46	19°45'43	18° 4	6°20	25°41	12° 9	21°17	17°53	17°51	3°51	0°30	7° 1	7°46	1°51	12°48	M11
T 12	7 24 43	20°46'45	2♎20	5°45	26°56	12°50	21° 8	17°55	17°52	3°51	0°29	7°D 0	7°43	1°57	12°49	T 12
W13	7 28 39	21°47'48	16°28	5°20	28°10	13°30	21° 0	17°56	17°53	3°51	0°28	7°R 0	7°40	2° 4	12°51	W13
T 14	7 32 36	22°48'51	0♏28	5° 7	29°25	14°10	20°52	17°58	17°54	3°51	0°27	7° 0	7°37	2°11	12°53	T 14
F 15	7 36 33	23°49'55	14°20	5°D 3	0♑40	14°50	20°44	17°59	17°55	3°D51	0°26	6°58	7°34	2°17	12°54	F 15
S 16	7 40 29	24°51'00	28° 3	5° 9	1°55	15°30	20°36	18° 1	17°56	3°51	0°25	6°54	7°30	2°24	12°56	S 16
S 17	7 44 26	25°52'05	11♐37	5°23	3°10	16°10	20°28	18° 2	17°57	3°51	0°23	6°47	7°27	2°31	12°57	S 17
M18	7 48 22	26°53'11	25° 2	5°45	4°25	16°51	20°20	18° 3	17°58	3°51	0°22	6°38	7°24	2°37	12°58	M18
T 19	7 52 19	27°54'18	8♑15	6°15	5°40	17°31	20°12	18° 4	17°59	3°52	0°21	6°26	7°21	2°44	12°59	T 19
W20	7 56 15	28°55'24	21°16	6°50	6°55	18°11	20° 4	18° 5	18° 0	3°52	0°20	6°13	7°18	2°51	13° 0	W20
T 21	8 0 12	29°56'31	4♒ 3	7°32	8°10	18°51	19°56	18° 6	18° 1	3°52	0°19	6° 1	7°15	2°57	13° 1	T 21
F 22	8 4 8	0♒57'38	16°35	8°19	9°25	19°32	19°48	18° 7	18° 2	3°52	0°18	5°50	7°11	3° 4	13° 1	F 22
S 23	8 8 5	1°58'45	28°53	9°10	10°40	20°12	19°40	18° 7	18° 4	3°52	0°17	5°42	7° 8	3°10	13° 2	S 23
S 24	8 12 2	2°59'51	10♓58	10° 5	11°55	20°52	19°32	18° 8	18° 5	3°53	0°15	5°36	7° 5	3°17	13° 2	S 24
M25	8 15 58	4° 0'58	22°54	11° 4	13°10	21°33	19°25	18° 8	18° 7	3°53	0°14	5°33	7° 2	3°24	13° 3	M25
T 26	8 19 55	5° 2'04	4♈42	12° 7	14°26	22°13	19°17	18° 8	18° 8	3°53	0°13	5°D32	6°59	3°30	13° 3	T 26
W27	8 23 51	6° 3'10	16°28	13°12	15°41	22°54	19°10	18° 8	18°10	3°54	0°12	5°32	6°56	3°37	13°R 3	W27
T 28	8 27 48	7° 4'16	28°18	14°19	16°56	23°34	19° 2	18°R 8	18°11	3°54	0°10	5°33	6°52	3°44	13° 3	T 28
F 29	8 31 44	8° 5'21	10♉15	15°29	18°11	24°15	18°55	18° 8	18°13	3°55	0° 9	5°R33	6°49	3°50	13° 3	F 29
S 30	8 35 41	9° 6'26	22°26	16°41	19°26	24°55	18°48	18° 8	18°14	3°55	0° 8	5°32	6°46	3°57	13° 2	S 30
S 31	8 39 37	10♒ 7'30	4♊57	17♑55	20♑41	25♐35	18♋41	18♎ 8	18♈16	3♉56	0♍ 6	5♎29	6♎43	4♈ 4	13♎ 2	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s56	10n19	2s 3	21s 8	0n56	20s55	1n19	20s48	0n18	21n20	0s 4	4s45	2n14	6n18	0s41	11n15	1s35	17n41	6n59	3s20	3s16	0n55	7s48	3s11
S 2	22 52	13 17	2 59	20 57	1 16	21 6	1 17	20 55	0 17	21 21	0 4	4 46	2 15	6 18	0 41	11 14	1 35	17 42	6 59	3 19	3 15	0 57	7 49	3 11
S 3	22 47	15 42	3 48	20 47	1 35	21 16	1 15	21 2	0 16	21 23	0 4	4 47	2 15	6 18	0 41	11 14	1 35	17 42	6 59	3 16	3 14	0 59	7 50	3 11
M 4	22 41	17 26	4 26	20 38	1 53	21 26	1 13	21 9	0 16	21 24	0 4	4 47	2 15	6 18	0 41	11 14	1 35	17 43	6 59	3 13	3 13	1 0	7 52	3 12
T 5	22 35	18 16	4 51	20 30	2 10	21 35	1 11	21 16	0 15	21 26	0 4	4 48	2 15	6 18	0 41	11 14	1 35	17 44	6 59	3 8	3 11	1 2	7 53	3 12
W 6	22 29	18 6	5 1	20 22	2 25	21 43	1 9	21 23	0 15	21 27	0 3	4 49	2 16	6 19	0 41	11 14	1 35	17 44	7 0	3 3	3 10	1 4	7 54	3 12
T 7	22 22	16 51	4 53	20 16	2 37	21 51	1 7	21 30	0 14	21 29	0 3	4 49	2 16	6 19	0 41	11 14	1 35	17 45	7 0	2 58	3 9	1 6	7 55	3 12
F 8	22 15	14 34	4 27	20 11	2 47	21 58	1 4	21 36	0 13	21 30	0 3	4 50	2 16	6 19	0 41	11 14	1 35	17 45	7 0	2 54	3 8	1 8	7 56	3 12
S 9	22 7	11 22	3 44	20 8	2 55	22 5	1 2	21 43	0 13	21 31	0 3	4 50	2 16	6 19	0 41	11 14	1 35	17 46	7 0	2 50	3 6	1 9	7 57	3 12
S 10	21 59	7 29	2 46	20 6	3 0	22 10	1 0	21 49	0 12	21 33	0 3	4 51	2 17	6 20	0 41	11 14	1 35	17 46	7 0	2 47	3 5	1 11	7 57	3 12
M11	21 50	3 10	1 39	20 5	3 3	22 15	0 57	21 55	0 12	21 34	0 3	4 51	2 17	6 20	0 41	11 14	1 35	17 47	7 1	2 46	3 4	1 13	7 58	3 12
T 12	21 41	1s18	0 25	20 6	3 4	22 20	0 55	22 0	0 11	21 36	0 3	4 52	2 17	6 20	0 41	11 14	1 35	17 47	7 1	2 46	3 3	1 15	7 59	3 12
W13	21 32	5 40	0n50	20 8	3 3	22 24	0 52	22 6	0 10	21 37	0 2	4 52	2 18	6 21	0 41	11 14	1 35	17 48	7 1	2 46	3 1	1 17	8 0	3 12
T 14	21 22	9 40	2 1	20 11	3 0	22 27	0 50	22 11	0 10	21 38	0 2	4 53	2 18	6 21	0 41	11 14	1 35	17 48	7 1	2 46	3 0	1 19	8 0	3 12
F 15	21 12	13 6	3 4	20 16	2 56	22 29	0 48	22 16	0 9	21 40	0 2	4 53	2 18	6 21	0 41	11 14	1 35	17 49	7 1	2 45	2 59	1 20	8 1	3 12
S 16	21 1	15 45	3 56	20 21	2 51	22 31	0 45	22 21	0 9	21 41	0 2	4 53	2 18	6 22	0 41	11 14	1 34	17 49	7 2	2 43	2 58	1 22	8 2	3 12
S 17	20 50	17 30	4 34	20 26	2 44	22 32	0 42	22 26	0 8	21 42	0 2	4 53	2 19	6 22	0 41	11 14	1 34	17 50	7 2	2 41	2 56	1 24	8 2	3 12
M18	20 39	18 15	4 56	20 32	2 37	22 33	0 40	22 31	0 7	21 44	0 2	4 53	2 19	6 23	0 41	11 14	1 34	17 51	7 2	2 37	2 55	1 26	8 3	3 12
T 19	20 27	18 0	5 2	20 39	2 29	22 32	0 37	22 35	0 7	21 45	0 2	4 54	2 19	6 23	0 40	11 14	1 34	17 51	7 2	2 32	2 54	1 28	8 3	3 12
W20	20 14	16 48	4 52	20 45	2 21	22 31	0 35	22 40	0 6	21 46	0 1	4 54	2 20	6 24	0 40	11 15	1 34	17 52	7 2	2 27	2 53	1 29	8 3	3 12
T 21	20 2	14 47	4 27	20 52	2 13	22 30	0 32	22 44	0 5	21 48	0 1	4 54	2 20	6 24	0 40	11 15	1 34	17 52	7 3	2 23	2 51	1 31	8 4	3 12
F 22	19 49	12 6	3 50	20 58	2 4	22 28	0 30	22 48	0 5	21 49	0 1	4 54	2 20	6 25	0 40	11 15	1 34	17 53	7 3	2 18	2 50	1 33	8 4	3 12
S 23	19 35	8 56	3 3	21 4	1 55	22 25	0 27	22 51	0 4	21 50	0 1	4 54	2 20	6 25	0 40	11 15	1 34	17 54	7 3	2 15	2 49	1 35	8 4	3 13
S 24	19 22	5 26	2 7	21 9	1 45	22 21	0 24	22 55	0 3	21 51	0 1	4 54	2 21	6 26	0 40	11 15	1 34	17 54	7 3	2 13	2 48	1 37	8 4	3 13
M25	19 8	1 46	1 7	21 14	1 36	22 17	0 22	22 58	0 3	21 53	0 1	4 53	2 21	6 26	0 40	11 15	1 34	17 55	7 3	2 11	2 46	1 39	8 5	3 13
T 26	18 53	1n55	0 4	21 18	1 27	22 12	0 19	23 1	0 2	21 54	0 1	4 53	2 21	6 27	0 40	11 15	1 34	17 55	7 3	2 11	2 45	1 40	8 5	3 13
W27	18 38	5 32	0s58	21 21	1 17	22 6	0 16	23 4	0 1	21 55	0 1	4 53	2 22	6 27	0 40	11 16	1 34	17 56	7 4	2 11	2 44	1 42	8 5	3 13
T 28	18 23	8 56	1 59	21 24	1 8	21 59	0 14	23 7	0 1	21 56	0 0	4 53	2 22	6 28	0 40	11 16	1 34	17 57	7 4	2 11	2 43	1 44	8 5	3 13
F 29	18 8	12 1	2 55	21 25	0 59	21 52	0 11	23 10	0s 0	21 57	0 0	4 53	2 22	6 29	0 40	11 16	1 34	17 57	7 4	2 12	2 41	1 46	8 5	3 13
S 30	17 52	14 38	3 45	21 26	0 49	21 45	0 9	23 12	0 1	21 58	0 0	4 52	2 22	6 29	0 40	11 16	1 34	17 58	7 4	2 11	2 40	1 48	8 5	3 13
S 31	17s36	16n38	4s25	21s25	0n40	21s36	0n 6	23s14	0s 1	22n 0	0n 0	4s52	2n23	6n30	0s40	11n17	1s34	17n58	7n 4	2s10	2s39	1n49	8s 5	3s13

Julian Day Number = 2885452.5, Delta T = 01h17m09s
Ecliptic obliquity = 23°16'59, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°22'40, Lahiri = 40°29'41

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ASTRODIENST EPHEMERIS for the year 3188
geocentric

FEBRUARY 3188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 43 34	11♒ 8'34	17♊50	19♉11	21♉56	26♐16	18°R34	18°R 7	18♈18	3♉56	0°R 5	5°R24	6♎40	4♈10	13°R 1	M 1
T 2	8 47 31	12° 9'38	1♋ 9	20°28	23°11	26°57	18♋27	18♎ 7	18°20	3°57	0♍ 4	5♎16	6°36	4°17	13♎ 1	T 2
W 3	8 51 27	13°10'41	14°55	21°46	24°26	27°37	18°20	18° 6	18°21	3°58	0° 2	5° 8	6°33	4°24	13° 0	W 3
T 4	8 55 24	14°11'43	29° 5	23° 6	25°41	28°18	18°13	18° 6	18°23	3°58	0° 1	4°59	6°30	4°30	12°59	T 4
F 5	8 59 20	15°12'45	13♌36	24°27	26°57	28°58	18° 7	18° 5	18°25	3°59	29♌59	4°51	6°27	4°37	12°58	F 5
S 6	9 3 17	16°13'46	28°19	25°49	28°12	29°39	18° 0	18° 4	18°27	4° 0	29°58	4°44	6°24	4°43	12°57	S 6
S 7	9 7 13	17°14'47	13♍ 9	27°12	29°27	0♎20	17°54	18° 3	18°29	4° 1	29°57	4°40	6°21	4°50	12°56	S 7
M 8	9 11 10	18°15'48	27°56	28°36	0♒42	1° 0	17°48	18° 2	18°31	4° 2	29°56	4°D38	6°17	4°57	12°55	M 8
T 9	9 15 6	19°16'48	12♎34	0♒ 1	1°57	1°41	17°42	18° 0	18°33	4° 2	29°54	4°38	6°14	5° 3	12°53	T 9
W10	9 19 3	20°17'48	26°59	1°26	3°12	2°22	17°36	17°59	18°35	4° 3	29°53	4°39	6°11	5°10	12°52	W10
T 11	9 23 0	21°18'48	11♏ 8	2°53	4°27	3° 2	17°31	17°58	18°38	4° 4	29°52	4°41	6° 8	5°17	12°50	T 11
F 12	9 26 56	22°19'47	25° 0	4°20	5°43	3°43	17°25	17°56	18°40	4° 5	29°50	4°R41	6° 5	5°23	12°48	F 12
S 13	9 30 53	23°20'46	8♐35	5°48	6°58	4°24	17°20	17°54	18°42	4° 6	29°49	4°40	6° 2	5°30	12°46	S 13
S 14	9 34 49	24°21'45	21°54	7°17	8°13	5° 5	17°15	17°52	18°44	4° 7	29°47	4°37	5°58	5°37	12°44	S 14
M15	9 38 46	25°22'43	5♑ 0	8°47	9°28	5°45	17°10	17°51	18°47	4° 8	29°46	4°32	5°55	5°43	12°42	M15
T 16	9 42 42	26°23'41	17°51	10°17	10°43	6°26	17° 5	17°49	18°49	4° 9	29°45	4°26	5°52	5°50	12°40	T 16
W17	9 46 39	27°24'38	0♒30	11°48	11°58	7° 7	17° 0	17°47	18°51	4°10	29°43	4°19	5°49	5°57	12°38	W17
T 18	9 50 35	28°25'34	12°57	13°20	13°14	7°48	16°56	17°44	18°54	4°12	29°42	4°12	5°46	6° 3	12°36	T 18
F 19	9 54 32	29°26'29	25°14	14°52	14°29	8°29	16°52	17°42	18°56	4°13	29°40	4° 6	5°42	6°10	12°33	F 19
S 20	9 58 29	0♓27'24	7♓20	16°25	15°44	9°10	16°47	17°40	18°59	4°14	29°39	4° 1	5°39	6°16	12°30	S 20
S 21	10 2 25	1°28'17	19°18	17°59	16°59	9°51	16°43	17°37	19° 1	4°15	29°38	3°58	5°36	6°23	12°28	S 21
M22	10 6 22	2°29'10	1♈ 9	19°33	18°14	10°32	16°40	17°35	19° 4	4°16	29°36	3°D57	5°33	6°30	12°25	M22
T 23	10 10 18	3°30'01	12°56	21° 8	19°30	11°13	16°36	17°32	19° 6	4°18	29°35	3°58	5°30	6°36	12°22	T 23
W24	10 14 15	4°30'51	24°42	22°44	20°45	11°54	16°33	17°29	19° 9	4°19	29°33	3°59	5°27	6°43	12°19	W24
T 25	10 18 11	5°31'40	6♉32	24°21	22° 0	12°35	16°30	17°26	19°12	4°20	29°32	4° 1	5°23	6°50	12°16	T 25
F 26	10 22 8	6°32'27	18°28	25°58	23°15	13°16	16°27	17°23	19°14	4°22	29°30	4° 3	5°20	6°56	12°13	F 26
S 27	10 26 4	7°33'14	0♊37	27°36	24°30	13°57	16°24	17°20	19°17	4°23	29°29	4° 4	5°17	7° 3	12°10	S 27
S 28	10 30 1	8°33'58	13° 4	29°15	25°45	14°38	16°21	17°17	19°20	4°25	29°28	4°R 4	5°14	7°10	12° 6	S 28
M29	10 33 57	9♓34'42	25♊52	0♓55	27♒ 0	15♉19	16♋19	17♎14	19♈23	4♉26	29♌26	4♎ 3	5♎11	7♈16	12♎ 3	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s19	17n52	4s53	21s24	0n32	21s27	0n 3	23s16	0s 2	22n 1	0n 0	4s51	2n23	6n31	0s40	11n17	1s34	17n59	7n 4	2s 8	2s38	1n51	8s 4	3s13
T 2	17 2	18 11	5 6	21 22	0 23	21 18	0 1	23 18	0 3	22 2	0 0	4 51	2 23	6 31	0 40	11 17	1 34	18 0	7 4	2 5	2 36	1 53	8 4	3 13
W 3	16 45	17 27	5 2	21 18	0 14	21 7	0s 2	23 19	0 4	22 3	0 0	4 50	2 24	6 32	0 40	11 17	1 34	18 0	7 5	2 2	2 35	1 55	8 4	3 13
T 4	16 28	15 38	4 40	21 14	0 6	20 56	0 5	23 21	0 4	22 4	0 1	4 50	2 24	6 33	0 40	11 18	1 34	18 1	7 5	1 58	2 34	1 57	8 3	3 13
F 5	16 10	12 48	4 0	21 8	0s 3	20 45	0 7	23 22	0 5	22 5	0 1	4 49	2 24	6 34	0 40	11 18	1 33	18 1	7 5	1 55	2 33	1 58	8 3	3 13
S 6	15 52	9 7	3 3	21 1	0 11	20 33	0 10	23 23	0 6	22 6	0 1	4 49	2 24	6 34	0 40	11 18	1 33	18 2	7 5	1 52	2 31	2 0	8 3	3 13
S 7	15 34	4 50	1 54	20 53	0 18	20 20	0 12	23 23	0 6	22 7	0 1	4 48	2 25	6 35	0 40	11 18	1 33	18 3	7 5	1 51	2 30	2 2	8 2	3 13
M 8	15 15	0 16	0 36	20 44	0 26	20 7	0 15	23 24	0 7	22 8	0 1	4 47	2 25	6 36	0 40	11 19	1 33	18 3	7 5	1 50	2 29	2 4	8 2	3 13
T 9	14 57	4s16	0n43	20 34	0 34	19 53	0 17	23 24	0 8	22 8	0 1	4 47	2 25	6 37	0 40	11 19	1 33	18 4	7 5	1 50	2 28	2 6	8 1	3 13
W10	14 38	8 29	1 58	20 22	0 41	19 38	0 20	23 24	0 9	22 9	0 1	4 46	2 25	6 38	0 40	11 19	1 33	18 4	7 5	1 50	2 26	2 7	8 1	3 13
T 11	14 18	12 8	3 5	20 10	0 48	19 23	0 22	23 24	0 9	22 10	0 1	4 45	2 26	6 38	0 40	11 20	1 33	18 5	7 6	1 51	2 25	2 9	8 0	3 13
F 12	13 59	15 1	3 59	19 56	0 54	19 7	0 25	23 24	0 10	22 11	0 2	4 44	2 26	6 39	0 40	11 20	1 33	18 6	7 6	1 51	2 24	2 11	7 59	3 13
S 13	13 39	17 0	4 39	19 41	1 1	18 51	0 27	23 24	0 11	22 12	0 2	4 43	2 26	6 40	0 40	11 21	1 33	18 6	7 6	1 51	2 23	2 13	7 58	3 13
S 14	13 19	18 0	5 3	19 25	1 7	18 34	0 29	23 23	0 12	22 13	0 2	4 42	2 27	6 41	0 40	11 21	1 33	18 7	7 6	1 49	2 21	2 15	7 58	3 13
M15	12 59	18 1	5 10	19 7	1 13	18 17	0 32	23 22	0 12	22 13	0 2	4 42	2 27	6 42	0 40	11 21	1 33	18 7	7 6	1 47	2 20	2 16	7 57	3 13
T 16	12 38	17 6	5 2	18 49	1 19	17 59	0 34	23 21	0 13	22 14	0 2	4 41	2 27	6 43	0 39	11 22	1 33	18 8	7 6	1 45	2 19	2 18	7 56	3 13
W17	12 18	15 22	4 39	18 29	1 24	17 40	0 36	23 20	0 14	22 15	0 2	4 40	2 27	6 44	0 39	11 22	1 33	18 8	7 6	1 42	2 18	2 20	7 55	3 12
T 18	11 57	12 56	4 3	18 8	1 29	17 21	0 38	23 18	0 15	22 15	0 2	4 38	2 28	6 45	0 39	11 23	1 33	18 9	7 6	1 39	2 16	2 22	7 54	3 12
F 19	11 36	9 57	3 16	17 46	1 34	17 2	0 41	23 16	0 16	22 16	0 2	4 37	2 28	6 46	0 39	11 23	1 33	18 10	7 6	1 37	2 15	2 24	7 53	3 12
S 20	11 14	6 35	2 21	17 23	1 39	16 42	0 43	23 15	0 16	22 17	0 3	4 36	2 28	6 47	0 39	11 23	1 33	18 10	7 6	1 35	2 14	2 25	7 52	3 12
S 21	10 53	2 59	1 19	16 59	1 43	16 22	0 45	23 12	0 17	22 17	0 3	4 35	2 28	6 48	0 39	11 24	1 33	18 11	7 6	1 34	2 13	2 27	7 51	3 12
M22	10 31	0n41	0 15	16 33	1 47	16 1	0 47	23 10	0 18	22 18	0 3	4 34	2 29	6 49	0 39	11 24	1 33	18 11	7 6	1 34	2 11	2 29	7 50	3 12
T 23	10 10	4 19	0s49	16 6	1 51	15 39	0 49	23 8	0 19	22 18	0 3	4 33	2 29	6 50	0 39	11 25	1 33	18 12	7 7	1 34	2 10	2 31	7 48	3 12
W24	9 48	7 47	1 52	15 39	1 54	15 18	0 51	23 5	0 20	22 19	0 3	4 31	2 29	6 51	0 39	11 25	1 33	18 12	7 7	1 34	2 9	2 33	7 47	3 12
T 25	9 25	10 56	2 50	15 10	1 57	14 55	0 53	23 2	0 20	22 20	0 3	4 30	2 29	6 52	0 39	11 26	1 33	18 13	7 7	1 35	2 8	2 34	7 46	3 12
F 26	9 3	13 40	3 41	14 39	2 0	14 33	0 55	22 59	0 21	22 20	0 3	4 29	2 29	6 53	0 39	11 26	1 32	18 14	7 7	1 36	2 6	2 36	7 45	3 12
S 27	8 41	15 51	4 23	14 8	2 2	14 10	0 57	22 56	0 22	22 20	0 3	4 27	2 30	6 54	0 39	11 27	1 32	18 14	7 7	1 36	2 5	2 38	7 43	3 12
S 28	8 18	17 21	4 55	13 36	2 4	13 46	0 59	22 52	0 23	22 21	0 4	4 26	2 30	6 55	0 39	11 27	1 32	18 15	7 7	1 36	2 4	2 40	7 42	3 11
M29	7s56	18n 1	5s12	13s 2	2s 5	13s23	1s 0	22s48	0s24	22n21	0n 4	4s25	2n30	6n56	0s39	11n28	1s32	18n15	7n 7	1s36	2s 3	2n42	7s40	3s11

Julian Day Number = 2885483.5, Delta T = 01h17m09s
Ecliptic obliquity = 23°16'59, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°22'45, Lahiri = 40°29'45

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ASTRODIENST EPHEMERIS for the year 3188
geocentric

MARCH 3188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 37 54	10♓35'23	9♋ 5	2♓36	28♒16	16♉ 0	16°R17	17°R11	19♈26	4♉28	29°R25	4°R 1	5♎ 8	7♈23	12°R 0	T 1
W 2	10 41 51	11°36'04	22°46	4°17	29°31	16°41	16♋15	17♎ 8	19°28	4°29	29♌24	3♎58	5° 4	7°30	11♎56	W 2
T 3	10 45 47	12°36'43	6♌56	5°59	0♓46	17°22	16°13	17° 4	19°31	4°31	29°22	3°55	5° 1	7°36	11°52	T 3
F 4	10 49 44	13°37'20	21°30	7°42	2° 1	18° 3	16°12	17° 1	19°34	4°32	29°21	3°52	4°58	7°43	11°49	F 4
S 5	10 53 40	14°37'56	6♍24	9°26	3°16	18°44	16°10	16°57	19°37	4°34	29°19	3°49	4°55	7°49	11°45	S 5
S 6	10 57 37	15°38'30	21°30	11°11	4°31	19°26	16° 9	16°53	19°40	4°35	29°18	3°48	4°52	7°56	11°41	S 6
M 7	11 1 33	16°39'03	6♎38	12°56	5°46	20° 7	16° 8	16°50	19°43	4°37	29°17	3°D48	4°48	8° 3	11°37	M 7
T 8	11 5 30	17°39'34	21°40	14°43	7° 1	20°48	16° 7	16°46	19°46	4°39	29°15	3°48	4°45	8° 9	11°33	T 8
W 9	11 9 26	18°40'05	6♏27	16°30	8°16	21°29	16° 7	16°42	19°49	4°40	29°14	3°49	4°42	8°16	11°29	W 9
T 10	11 13 23	19°40'34	20°55	18°18	9°32	22°11	16° 6	16°38	19°52	4°42	29°13	3°51	4°39	8°23	11°25	T 10
F 11	11 17 20	20°41'02	4♐59	20° 8	10°47	22°52	16°D 6	16°34	19°55	4°44	29°11	3°52	4°36	8°29	11°21	F 11
S 12	11 21 16	21°41'29	18°40	21°58	12° 2	23°33	16° 6	16°30	19°58	4°46	29°10	3°R52	4°33	8°36	11°17	S 12
S 13	11 25 13	22°41'55	1♑58	23°48	13°17	24°14	16° 6	16°26	20° 1	4°47	29° 9	3°52	4°29	8°43	11°12	S 13
M14	11 29 9	23°42'19	14°55	25°40	14°32	24°56	16° 7	16°22	20° 5	4°49	29° 8	3°51	4°26	8°49	11° 8	M14
T 15	11 33 6	24°42'43	27°34	27°32	15°47	25°37	16° 7	16°18	20° 8	4°51	29° 6	3°50	4°23	8°56	11° 4	T 15
W16	11 37 2	25°43'04	9♒59	29°25	17° 2	26°19	16° 8	16°13	20°11	4°53	29° 5	3°49	4°20	9° 3	10°59	W16
T 17	11 40 59	26°43'25	22°11	1♈19	18°17	27° 0	16° 9	16° 9	20°14	4°55	29° 4	3°48	4°17	9° 9	10°55	T 17
F 18	11 44 55	27°43'43	4♓13	3°13	19°32	27°41	16°10	16° 5	20°17	4°57	29° 3	3°47	4°13	9°16	10°50	F 18
S 19	11 48 52	28°44'01	16° 9	5° 8	20°47	28°23	16°12	16° 0	20°21	4°59	29° 1	3°46	4°10	9°22	10°46	S 19
S 20	11 52 49	29°44'16	27°59	7° 3	22° 2	29° 4	16°13	15°56	20°24	5° 0	29° 0	3°46	4° 7	9°29	10°41	S 20
M21	11 56 45	0♈44'30	9♈47	8°58	23°17	29°46	16°15	15°51	20°27	5° 2	28°59	3°D46	4° 4	9°36	10°37	M21
T 22	12 0 42	1°44'42	21°34	10°52	24°32	0♒27	16°17	15°47	20°30	5° 4	28°58	3°46	4° 1	9°42	10°32	T 22
W23	12 4 38	2°44'52	3♉23	12°47	25°47	1° 9	16°19	15°42	20°34	5° 6	28°57	3°47	3°58	9°49	10°28	W23
T 24	12 8 35	3°45'01	15°16	14°40	27° 2	1°50	16°22	15°38	20°37	5° 8	28°56	3°R47	3°54	9°56	10°23	T 24
F 25	12 12 31	4°45'07	27°16	16°33	28°17	2°32	16°24	15°33	20°40	5°10	28°55	3°47	3°51	10° 2	10°18	F 25
S 26	12 16 28	5°45'12	9♊28	18°24	29°32	3°13	16°27	15°29	20°44	5°12	28°54	3°46	3°48	10° 9	10°13	S 26
S 27	12 20 24	6°45'15	21°54	20°14	0♈47	3°55	16°30	15°24	20°47	5°14	28°52	3°46	3°45	10°16	10° 9	S 27
M28	12 24 21	7°45'15	4♋38	22° 1	2° 2	4°36	16°33	15°19	20°50	5°16	28°51	3°D46	3°42	10°22	10° 4	M28
T 29	12 28 17	8°45'14	17°44	23°45	3°17	5°18	16°36	15°14	20°54	5°19	28°50	3°46	3°39	10°29	9°59	T 29
W30	12 32 14	9°45'10	1♌15	25°27	4°31	5°59	16°40	15°10	20°57	5°21	28°49	3°46	3°35	10°36	9°55	W30
T 31	12 36 11	10♈45'04	15♌12	27♈ 4	5♈46	6♒41	16♋44	15♎ 5	21♈ 0	5♉23	28♌48	3♎47	3♎32	10♈42	9♎50	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s33	17n45	5s14	12s27	2s 7	12s59	1s 2	22s44	0s25	22n22	0n 4	4s23	2n30	6n57	0s39	11n28	1s32	18n16	7n 7	1s35	2s 1	2n43	7s39	3s11
W 2	7 10	16 28	4 59	11 51	2 8	12 34	1 4	22 40	0 26	22 22	0 4	4 22	2 31	6 58	0 39	11 29	1 32	18 16	7 7	1 34	2 0	2 45	7 37	3 11
T 3	6 47	14 9	4 25	11 14	2 8	12 9	1 6	22 36	0 26	22 22	0 4	4 20	2 31	6 59	0 39	11 29	1 32	18 17	7 7	1 33	1 59	2 47	7 36	3 11
F 4	6 24	10 53	3 33	10 36	2 8	11 44	1 7	22 32	0 27	22 23	0 4	4 19	2 31	7 0	0 39	11 30	1 32	18 17	7 7	1 32	1 58	2 49	7 34	3 11
S 5	6 1	6 51	2 26	9 57	2 8	11 19	1 9	22 27	0 28	22 23	0 4	4 17	2 31	7 1	0 39	11 31	1 32	18 18	7 7	1 31	1 56	2 51	7 33	3 11
S 6	5 38	2 19	1 8	9 17	2 7	10 53	1 10	22 22	0 29	22 23	0 4	4 16	2 31	7 3	0 39	11 31	1 32	18 18	7 7	1 30	1 55	2 52	7 31	3 10
M 7	5 14	2s23	0n16	8 36	2 5	10 27	1 11	22 17	0 30	22 23	0 4	4 14	2 32	7 4	0 39	11 32	1 32	18 19	7 7	1 30	1 54	2 54	7 29	3 10
T 8	4 51	6 53	1 37	7 53	2 4	10 0	1 13	22 12	0 31	22 24	0 5	4 13	2 32	7 5	0 39	11 32	1 32	18 19	7 7	1 30	1 53	2 56	7 28	3 10
W 9	4 27	10 53	2 51	7 10	2 1	9 34	1 14	22 6	0 32	22 24	0 5	4 11	2 32	7 6	0 39	11 33	1 32	18 20	7 7	1 31	1 51	2 58	7 26	3 10
T 10	4 4	14 7	3 53	6 25	1 59	9 7	1 15	22 0	0 33	22 24	0 5	4 9	2 32	7 7	0 39	11 34	1 32	18 20	7 7	1 31	1 50	3 0	7 24	3 10
F 11	3 40	16 26	4 38	5 39	1 55	8 39	1 16	21 55	0 34	22 24	0 5	4 8	2 32	7 8	0 39	11 34	1 32	18 21	7 7	1 31	1 49	3 1	7 22	3 9
S 12	3 16	17 43	5 6	4 53	1 52	8 12	1 18	21 49	0 34	22 24	0 5	4 6	2 32	7 10	0 39	11 35	1 32	18 21	7 7	1 32	1 48	3 3	7 20	3 9
S 13	2 53	17 59	5 17	4 5	1 47	7 44	1 19	21 42	0 35	22 24	0 5	4 4	2 33	7 11	0 39	11 35	1 32	18 22	7 7	1 32	1 46	3 5	7 18	3 9
M14	2 29	17 18	5 12	3 17	1 43	7 17	1 20	21 36	0 36	22 24	0 5	4 2	2 33	7 12	0 39	11 36	1 32	18 22	7 7	1 31	1 45	3 7	7 17	3 9
T 15	2 5	15 45	4 51	2 28	1 37	6 49	1 21	21 29	0 37	22 24	0 5	4 1	2 33	7 13	0 39	11 37	1 32	18 22	7 7	1 31	1 44	3 9	7 15	3 9
W16	1 41	13 30	4 17	1 38	1 31	6 20	1 21	21 23	0 38	22 24	0 5	3 59	2 33	7 14	0 39	11 37	1 32	18 23	7 7	1 30	1 43	3 10	7 13	3 8
T 17	1 18	10 41	3 31	0 47	1 25	5 52	1 22	21 16	0 39	22 24	0 6	3 57	2 33	7 16	0 39	11 38	1 32	18 23	7 7	1 30	1 41	3 12	7 11	3 8
F 18	0 54	7 27	2 37	0n 5	1 18	5 23	1 23	21 9	0 40	22 24	0 6	3 55	2 33	7 17	0 39	11 39	1 32	18 24	7 7	1 30	1 40	3 14	7 9	3 8
S 19	0 30	3 57	1 37	0 57	1 10	4 55	1 24	21 1	0 41	22 24	0 6	3 54	2 33	7 18	0 39	11 39	1 32	18 24	7 7	1 29	1 39	3 16	7 7	3 8
S 20	0 6	0 18	0 32	1 50	1 2	4 26	1 24	20 54	0 42	22 24	0 6	3 52	2 34	7 19	0 39	11 40	1 32	18 24	7 7	1 29	1 38	3 17	7 5	3 7
M21	0n18	3n20	0s33	2 43	0 53	3 57	1 25	20 46	0 43	22 24	0 6	3 50	2 34	7 20	0 39	11 41	1 32	18 25	7 7	1 29	1 36	3 19	7 3	3 7
T 22	0 41	6 51	1 37	3 36	0 44	3 28	1 25	20 38	0 44	22 24	0 6	3 48	2 34	7 22	0 39	11 41	1 32	18 25	7 7	1 29	1 35	3 21	7 1	3 7
W23	1 5	10 5	2 38	4 29	0 34	2 59	1 26	20 30	0 45	22 24	0 6	3 46	2 34	7 23	0 39	11 42	1 32	18 26	7 7	1 29	1 34	3 23	6 58	3 6
T 24	1 29	12 56	3 31	5 23	0 24	2 29	1 26	20 22	0 46	22 23	0 6	3 45	2 34	7 24	0 39	11 43	1 32	18 26	7 7	1 30	1 33	3 25	6 56	3 6
F 25	1 53	15 16	4 16	6 16	0 13	2 0	1 26	20 14	0 47	22 23	0 6	3 43	2 34	7 25	0 39	11 43	1 32	18 26	7 7	1 29	1 31	3 26	6 54	3 6
S 26	2 16	16 57	4 50	7 9	0 1	1 31	1 27	20 5	0 48	22 23	0 6	3 41	2 34	7 27	0 39	11 44	1 32	18 27	7 7	1 29	1 30	3 28	6 52	3 5
S 27	2 40	17 51	5 11	8 1	0n10	1 1	1 27	19 57	0 49	22 23	0 6	3 39	2 34	7 28	0 39	11 45	1 32	18 27	7 7	1 29	1 29	3 30	6 50	3 5
M28	3 3	17 54	5 18	8 52	0 22	0 32	1 27	19 48	0 50	22 22	0 7	3 37	2 34	7 29	0 39	11 45	1 31	18 27	7 7	1 29	1 28	3 32	6 48	3 5
T 29	3 27	17 1	5 9	9 42	0 35	0 2	1 27	19 39	0 51	22 22	0 7	3 35	2 34	7 30	0 39	11 46	1 31	18 28	7 7	1 29	1 26	3 33	6 46	3 4
W30	3 50	15 9	4 42	10 31	0 48	0n27	1 27	19 29	0 52	22 22	0 7	3 33	2 34	7 32	0 39	11 47	1 31	18 28	7 7	1 29	1 25	3 35	6 43	3 4
T 31	4n14	12n22	3s59	11n18	1n 0	0n57	1s27	19s20	0s53	22n21	0n 7	3s32	2n35	7n33	0s39	11n47	1s31	18n28	7n 6	1s30	1s24	3n37	6s41	3s 4

Julian Day Number = 2885512.5, Delta T = 01h17m10s
Ecliptic obliquity = 23°16'59, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°22'49, Lahiri = 40°29'49

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ASTRODIENST EPHEMERIS for the year 3188
geocentric

APRIL 3188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 40 7	11♈44'56	29♌35	28♈38	7♈ 1	7♒22	16♋48	15°R 0	21♈ 4	5♉25	28°R47	3♎48	3♎29	10♈49	9°R45	F 1
S 2	12 44 4	12°44'46	14♍22	0♉ 7	8°16	8° 4	16°52	14♎56	21° 7	5°27	28♌46	3°48	3°26	10°56	9♎40	S 2
S 3	12 48 0	13°44'34	29°26	1°31	9°31	8°46	16°56	14°51	21°11	5°29	28°45	3°R49	3°23	11° 2	9°36	S 3
M 4	12 51 57	14°44'19	14♎39	2°48	10°46	9°27	17° 0	14°46	21°14	5°31	28°45	3°49	3°19	11° 9	9°31	M 4
T 5	12 55 53	15°44'03	29°52	4° 0	12° 0	10° 9	17° 5	14°41	21°17	5°33	28°44	3°48	3°16	11°15	9°26	T 5
W 6	12 59 50	16°43'46	14♏55	5° 6	13°15	10°50	17°10	14°37	21°21	5°36	28°43	3°47	3°13	11°22	9°22	W 6
T 7	13 3 46	17°43'26	29°40	6° 4	14°30	11°32	17°14	14°32	21°24	5°38	28°42	3°45	3°10	11°29	9°17	T 7
F 8	13 7 43	18°43'05	14♐ 0	6°56	15°45	12°14	17°20	14°27	21°28	5°40	28°41	3°43	3° 7	11°35	9°12	F 8
S 9	13 11 40	19°42'42	27°53	7°39	16°59	12°55	17°25	14°22	21°31	5°42	28°40	3°41	3° 4	11°42	9° 8	S 9
S 10	13 15 36	20°42'17	11♑18	8°16	18°14	13°37	17°30	14°18	21°35	5°44	28°39	3°40	3° 0	11°49	9° 3	S 10
M11	13 19 33	21°41'51	24°17	8°44	19°29	14°19	17°36	14°13	21°38	5°47	28°39	3°D40	2°57	11°55	8°59	M11
T 12	13 23 29	22°41'23	6♒54	9° 5	20°44	15° 1	17°41	14° 8	21°41	5°49	28°38	3°41	2°54	12° 2	8°54	T 12
W13	13 27 26	23°40'53	19°13	9°18	21°58	15°42	17°47	14° 4	21°45	5°51	28°37	3°42	2°51	12° 9	8°50	W13
T 14	13 31 22	24°40'22	1♓17	9°R23	23°13	16°24	17°53	13°59	21°48	5°53	28°37	3°44	2°48	12°15	8°45	T 14
F 15	13 35 19	25°39'49	13°12	9°20	24°28	17° 6	18° 0	13°54	21°52	5°55	28°36	3°45	2°44	12°22	8°41	F 15
S 16	13 39 15	26°39'14	25° 1	9°10	25°42	17°48	18° 6	13°50	21°55	5°58	28°35	3°46	2°41	12°29	8°36	S 16
S 17	13 43 12	27°38'37	6♈47	8°53	26°57	18°29	18°13	13°45	21°59	6° 0	28°35	3°R47	2°38	12°35	8°32	S 17
M18	13 47 8	28°37'58	18°34	8°30	28°11	19°11	18°19	13°41	22° 2	6° 2	28°34	3°46	2°35	12°42	8°28	M18
T 19	13 51 5	29°37'17	0♉24	8° 1	29°26	19°53	18°26	13°36	22° 5	6° 4	28°33	3°44	2°32	12°48	8°24	T 19
W20	13 55 2	0♉36'35	12°19	7°26	0♉41	20°35	18°33	13°32	22° 9	6° 7	28°33	3°40	2°29	12°55	8°19	W20
T 21	13 58 58	1°35'50	24°20	6°48	1°55	21°16	18°40	13°27	22°12	6° 9	28°32	3°35	2°25	13° 2	8°15	T 21
F 22	14 2 55	2°35'03	6♊30	6° 5	3°10	21°58	18°47	13°23	22°16	6°11	28°32	3°30	2°22	13° 8	8°11	F 22
S 23	14 6 51	3°34'15	18°51	5°20	4°24	22°40	18°55	13°19	22°19	6°14	28°31	3°25	2°19	13°15	8° 7	S 23
S 24	14 10 48	4°33'24	1♋24	4°33	5°39	23°22	19° 2	13°14	22°22	6°16	28°31	3°21	2°16	13°22	8° 3	S 24
M25	14 14 44	5°32'31	14°12	3°46	6°53	24° 3	19°10	13°10	22°26	6°18	28°31	3°18	2°13	13°28	7°59	M25
T 26	14 18 41	6°31'35	27°16	2°58	8° 8	24°45	19°18	13° 6	22°29	6°20	28°30	3°16	2°10	13°35	7°56	T 26
W27	14 22 37	7°30'38	10♌41	2°11	9°22	25°27	19°26	13° 2	22°32	6°23	28°30	3°D16	2° 6	13°42	7°52	W27
T 28	14 26 34	8°29'38	24°26	1°27	10°36	26° 9	19°34	12°58	22°36	6°25	28°29	3°16	2° 3	13°48	7°48	T 28
F 29	14 30 31	9°28'35	8♍34	0°45	11°51	26°51	19°42	12°54	22°39	6°27	28°29	3°18	2° 0	13°55	7°45	F 29
S 30	14 34 27	10♉27'31	23♍ 3	0♉ 6	13♉ 5	27♒32	19♋50	12♎50	22♈42	6♉29	28♌29	3♎19	1♎57	14♈ 2	7♎41	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n37	8n45	2s59	12n 4	1n13	1n26	1s27	19s11	0s54	22n21	0n 7	3s30	2n35	7n34	0s39	11n48	1s31	18n29	7n 6	1s30	1s23	3n39	6s39	3s 3
S 2	5 0	4 29	1 46	12 47	1 26	1 56	1 26	19 1	0 55	22 21	0 7	3 28	2 35	7 36	0 39	11 49	1 31	18 29	7 6	1 30	1 21	3 41	6 37	3 3
S 3	5 23	0s 9	0 24	13 28	1 39	2 25	1 26	18 51	0 56	22 20	0 7	3 26	2 35	7 37	0 39	11 50	1 31	18 29	7 6	1 30	1 20	3 42	6 35	3 3
M 4	5 46	4 49	1n 0	14 6	1 51	2 55	1 26	18 41	0 57	22 20	0 7	3 24	2 35	7 38	0 39	11 50	1 31	18 29	7 6	1 30	1 19	3 44	6 32	3 2
T 5	6 9	9 10	2 20	14 42	2 3	3 24	1 25	18 31	0 58	22 19	0 7	3 22	2 35	7 39	0 39	11 51	1 31	18 30	7 6	1 30	1 18	3 46	6 30	3 2
W 6	6 32	12 52	3 29	15 15	2 14	3 54	1 25	18 21	0 59	22 19	0 7	3 20	2 35	7 41	0 39	11 52	1 31	18 30	7 6	1 29	1 16	3 48	6 28	3 1
T 7	6 55	15 40	4 23	15 44	2 25	4 23	1 24	18 10	1 0	22 18	0 7	3 19	2 35	7 42	0 39	11 53	1 31	18 30	7 6	1 29	1 15	3 49	6 26	3 1
F 8	7 17	17 23	4 58	16 11	2 35	4 52	1 24	18 0	1 1	22 18	0 8	3 17	2 35	7 43	0 39	11 53	1 31	18 30	7 6	1 28	1 14	3 51	6 24	3 1
S 9	7 40	18 1	5 15	16 34	2 44	5 21	1 23	17 49	1 2	22 17	0 8	3 15	2 35	7 44	0 38	11 54	1 31	18 30	7 6	1 27	1 13	3 53	6 21	3 0
S 10	8 2	17 35	5 14	16 53	2 53	5 50	1 22	17 38	1 3	22 16	0 8	3 13	2 35	7 46	0 38	11 55	1 31	18 31	7 6	1 27	1 11	3 55	6 19	3 0
M11	8 24	16 15	4 57	17 9	3 0	6 19	1 22	17 27	1 4	22 16	0 8	3 11	2 35	7 47	0 38	11 55	1 31	18 31	7 6	1 27	1 10	3 57	6 17	2 59
T 12	8 46	14 9	4 25	17 22	3 6	6 48	1 21	17 16	1 6	22 15	0 8	3 9	2 35	7 48	0 38	11 56	1 31	18 31	7 6	1 27	1 9	3 58	6 15	2 59
W13	9 8	11 26	3 42	17 30	3 10	7 16	1 20	17 5	1 7	22 14	0 8	3 8	2 35	7 50	0 38	11 57	1 31	18 31	7 5	1 28	1 8	4 0	6 13	2 58
T 14	9 30	8 18	2 50	17 35	3 13	7 44	1 19	16 54	1 8	22 14	0 8	3 6	2 35	7 51	0 38	11 58	1 31	18 31	7 5	1 28	1 6	4 2	6 11	2 58
F 15	9 51	4 51	1 51	17 36	3 15	8 13	1 18	16 42	1 9	22 13	0 8	3 4	2 35	7 52	0 38	11 58	1 31	18 32	7 5	1 29	1 5	4 4	6 8	2 57
S 16	10 13	1 14	0 48	17 33	3 15	8 41	1 17	16 31	1 10	22 12	0 8	3 2	2 35	7 53	0 38	11 59	1 31	18 32	7 5	1 29	1 4	4 5	6 6	2 57
S 17	10 34	2n25	0s17	17 26	3 14	9 9	1 16	16 19	1 11	22 12	0 8	3 1	2 35	7 55	0 38	12 0	1 31	18 32	7 5	1 30	1 2	4 7	6 4	2 56
M18	10 55	5 59	1 21	17 15	3 11	9 36	1 14	16 7	1 12	22 11	0 8	2 59	2 35	7 56	0 38	12 1	1 31	18 32	7 5	1 29	1 1	4 9	6 2	2 56
T 19	11 16	9 20	2 21	17 1	3 6	10 4	1 13	15 55	1 13	22 10	0 8	2 57	2 35	7 57	0 38	12 1	1 31	18 32	7 5	1 28	1 0	4 11	6 0	2 55
W20	11 37	12 19	3 16	16 44	2 59	10 31	1 12	15 43	1 14	22 9	0 9	2 56	2 35	7 58	0 38	12 2	1 31	18 32	7 5	1 27	0 59	4 12	5 58	2 55
T 21	11 57	14 48	4 3	16 23	2 51	10 58	1 11	15 31	1 16	22 8	0 9	2 54	2 35	8 0	0 38	12 3	1 31	18 32	7 5	1 25	0 57	4 14	5 56	2 54
F 22	12 17	16 40	4 39	16 0	2 41	11 24	1 9	15 18	1 17	22 7	0 9	2 52	2 34	8 1	0 38	12 4	1 31	18 32	7 5	1 23	0 56	4 16	5 54	2 54
S 23	12 38	17 47	5 3	15 35	2 30	11 51	1 8	15 6	1 18	22 6	0 9	2 51	2 34	8 2	0 38	12 4	1 31	18 32	7 4	1 21	0 55	4 18	5 52	2 53
S 24	12 57	18 4	5 13	15 7	2 18	12 17	1 6	14 53	1 19	22 5	0 9	2 49	2 34	8 3	0 38	12 5	1 31	18 32	7 4	1 19	0 54	4 20	5 50	2 53
M25	13 17	17 26	5 7	14 38	2 4	12 42	1 5	14 41	1 20	22 4	0 9	2 48	2 34	8 5	0 38	12 6	1 31	18 32	7 4	1 18	0 52	4 21	5 48	2 52
T 26	13 36	15 53	4 46	14 8	1 49	13 8	1 3	14 28	1 21	22 3	0 9	2 46	2 34	8 6	0 38	12 7	1 31	18 32	7 4	1 17	0 51	4 23	5 46	2 52
W27	13 56	13 27	4 9	13 38	1 34	13 33	1 1	14 15	1 22	22 2	0 9	2 45	2 34	8 7	0 38	12 7	1 31	18 33	7 4	1 17	0 50	4 25	5 44	2 51
T 28	14 15	10 12	3 17	13 7	1 18	13 58	1 0	14 2	1 24	22 1	0 9	2 43	2 34	8 8	0 38	12 8	1 31	18 33	7 4	1 18	0 49	4 27	5 42	2 51
F 29	14 33	6 17	2 11	12 37	1 1	14 22	0 58	13 49	1 25	22 0	0 9	2 42	2 34	8 10	0 38	12 9	1 31	18 33	7 4	1 18	0 47	4 28	5 40	2 50
S 30	14n52	1n53	0s56	12n 8	0n44	14n46	0s56	13s36	1s26	21n59	0n 9	2s40	2n34	8n11	0s38	12n 9	1s31	18n33	7n 4	1s19	0s46	4n30	5s38	2s50

Julian Day Number = 2885543.5, Delta T = 01h17m11s
Ecliptic obliquity = 23°16'59, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°22'53, Lahiri = 40°29'54

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ASTRODIENST EPHEMERIS for the year 3188
geocentric

MAY 3188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 38 24	11♉26'24	7♎51	29°R31	14♉20	28♒14	19♋59	12°R46	22♈46	6♉32	28°R29	3°R19	1♎54	14♈ 8	7°R38	S 1
M 2	14 42 20	12°25'15	22°51	29♈ 0	15°34	28°56	20° 7	12♎42	22°49	6°34	28♌28	3♎18	1°50	14°15	7♎35	M 2
T 3	14 46 17	13°24'04	7♏57	28°34	16°48	29°38	20°16	12°38	22°52	6°36	28°28	3°15	1°47	14°22	7°31	T 3
W 4	14 50 13	14°22'52	22°59	28°13	18° 3	0♓19	20°25	12°35	22°55	6°38	28°28	3°10	1°44	14°28	7°28	W 4
T 5	14 54 10	15°21'37	7♐48	27°57	19°17	1° 1	20°34	12°31	22°59	6°41	28°28	3° 3	1°41	14°35	7°25	T 5
F 6	14 58 6	16°20'21	22°15	27°46	20°31	1°43	20°43	12°28	23° 2	6°43	28°28	2°57	1°38	14°41	7°22	F 6
S 7	15 2 3	17°19'03	6♑17	27°40	21°45	2°25	20°52	12°24	23° 5	6°45	28°28	2°50	1°35	14°48	7°19	S 7
S 8	15 6 0	18°17'43	19°50	27°D39	23° 0	3° 6	21° 1	12°21	23° 8	6°47	28°28	2°45	1°31	14°55	7°16	S 8
M 9	15 9 56	19°16'22	2♒55	27°44	24°14	3°48	21°11	12°17	23°11	6°50	28°28	2°42	1°28	15° 1	7°14	M 9
T 10	15 13 53	20°14'59	15°35	27°53	25°28	4°30	21°20	12°14	23°15	6°52	28°D27	2°D41	1°25	15° 8	7°11	T 10
W11	15 17 49	21°13'34	27°54	28° 8	26°42	5°12	21°30	12°11	23°18	6°54	28°27	2°41	1°22	15°15	7° 8	W11
T 12	15 21 46	22°12'08	9♓58	28°27	27°56	5°53	21°40	12° 8	23°21	6°56	28°28	2°42	1°19	15°21	7° 6	T 12
F 13	15 25 42	23°10'40	21°51	28°50	29°10	6°35	21°49	12° 5	23°24	6°59	28°28	2°43	1°16	15°28	7° 4	F 13
S 14	15 29 39	24° 9'10	3♈38	29°18	0♊25	7°17	21°59	12° 2	23°27	7° 1	28°28	2°R44	1°12	15°35	7° 1	S 14
S 15	15 33 35	25° 7'39	15°24	29°50	1°39	7°58	22° 9	11°59	23°30	7° 3	28°28	2°43	1° 9	15°41	6°59	S 15
M16	15 37 32	26° 6'07	27°13	0♉26	2°53	8°40	22°20	11°56	23°33	7° 5	28°28	2°40	1° 6	15°48	6°57	M16
T 17	15 41 29	27° 4'32	9♉ 8	1° 6	4° 7	9°22	22°30	11°54	23°36	7° 7	28°28	2°34	1° 3	15°55	6°55	T 17
W18	15 45 25	28° 2'56	21°12	1°50	5°21	10° 3	22°40	11°51	23°39	7° 9	28°28	2°26	1° 0	16° 1	6°53	W18
T 19	15 49 22	29° 1'19	3♊25	2°37	6°35	10°45	22°51	11°49	23°42	7°12	28°29	2°17	0°56	16° 8	6°52	T 19
F 20	15 53 18	29°59'39	15°50	3°28	7°49	11°26	23° 1	11°46	23°45	7°14	28°29	2° 6	0°53	16°15	6°50	F 20
S 21	15 57 15	0♊57'58	28°26	4°22	9° 3	12° 8	23°12	11°44	23°48	7°16	28°29	1°56	0°50	16°21	6°48	S 21
S 22	16 1 11	1°56'15	11♋15	5°19	10°17	12°49	23°22	11°42	23°51	7°18	28°29	1°46	0°47	16°28	6°47	S 22
M23	16 5 8	2°54'30	24°15	6°19	11°31	13°31	23°33	11°40	23°54	7°20	28°30	1°38	0°44	16°35	6°46	M23
T 24	16 9 4	3°52'43	7♌29	7°22	12°45	14°12	23°44	11°38	23°56	7°22	28°30	1°33	0°41	16°41	6°44	T 24
W25	16 13 1	4°50'55	20°56	8°27	13°59	14°54	23°55	11°36	23°59	7°24	28°30	1°30	0°37	16°48	6°43	W25
T 26	16 16 58	5°49'04	4♍38	9°36	15°13	15°35	24° 6	11°34	24° 2	7°26	28°31	1°D29	0°34	16°54	6°42	T 26
F 27	16 20 54	6°47'11	18°36	10°47	16°27	16°17	24°17	11°32	24° 5	7°28	28°31	1°30	0°31	17° 1	6°42	F 27
S 28	16 24 51	7°45'17	2♎49	12° 0	17°41	16°58	24°28	11°31	24° 7	7°30	28°32	1°R30	0°28	17° 8	6°41	S 28
S 29	16 28 47	8°43'20	17°16	13°16	18°55	17°39	24°40	11°29	24°10	7°32	28°32	1°29	0°25	17°14	6°40	S 29
M30	16 32 44	9°41'22	1♏55	14°35	20° 8	18°21	24°51	11°28	24°13	7°34	28°33	1°26	0°22	17°21	6°40	M30
T 31	16 36 40	10♊39'22	16♏40	15♉55	21♊22	19♓ 2	25♋ 2	11♎26	24♈15	7♉36	28♌33	1♎20	0♎18	17♈28	6♎39	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n10	2s43	0n25	11n40	0n28	15n10	0s54	13s22	1s27	21n58	0n 9	2s39	2n34	8n12	0s38	12n10	1s31	18n33	7n 4	1s19	0s45	4n32	5s36	2s49
M 2	15 28	7 13	1 44	11 13	0 11	15 34	0 52	13 9	1 28	21 57	0 10	2 38	2 34	8 13	0 38	12 11	1 31	18 32	7 3	1 18	0 44	4 34	5 34	2 49
T 3	15 46	11 16	2 57	10 48	0s 6	15 56	0 50	12 56	1 29	21 55	0 10	2 36	2 33	8 14	0 39	12 12	1 31	18 32	7 3	1 17	0 42	4 35	5 32	2 48
W 4	16 3	14 34	3 57	10 26	0 22	16 19	0 48	12 42	1 31	21 54	0 10	2 35	2 33	8 16	0 39	12 12	1 31	18 32	7 3	1 15	0 41	4 37	5 31	2 47
T 5	16 20	16 51	4 40	10 6	0 37	16 41	0 46	12 28	1 32	21 53	0 10	2 34	2 33	8 17	0 39	12 13	1 31	18 32	7 3	1 12	0 40	4 39	5 29	2 47
F 6	16 37	18 0	5 4	9 48	0 52	17 3	0 44	12 15	1 33	21 52	0 10	2 32	2 33	8 18	0 39	12 14	1 31	18 32	7 3	1 10	0 39	4 41	5 27	2 46
S 7	16 54	17 59	5 9	9 32	1 7	17 24	0 42	12 1	1 34	21 50	0 10	2 31	2 33	8 19	0 39	12 15	1 31	18 32	7 3	1 7	0 37	4 42	5 25	2 46
S 8	17 10	16 57	4 56	9 19	1 20	17 45	0 40	11 47	1 35	21 49	0 10	2 30	2 33	8 20	0 39	12 15	1 31	18 32	7 3	1 5	0 36	4 44	5 24	2 45
M 9	17 26	15 2	4 28	9 9	1 33	18 5	0 38	11 33	1 37	21 48	0 10	2 29	2 33	8 21	0 39	12 16	1 31	18 32	7 3	1 4	0 35	4 46	5 22	2 44
T 10	17 42	12 26	3 47	9 1	1 45	18 25	0 36	11 19	1 38	21 46	0 10	2 28	2 33	8 23	0 39	12 17	1 31	18 32	7 3	1 3	0 34	4 48	5 21	2 44
W11	17 57	9 21	2 57	8 55	1 57	18 45	0 34	11 5	1 39	21 45	0 10	2 27	2 32	8 24	0 39	12 17	1 31	18 32	7 2	1 4	0 32	4 49	5 19	2 43
T 12	18 12	5 56	2 0	8 52	2 7	19 4	0 32	10 51	1 40	21 43	0 10	2 26	2 32	8 25	0 39	12 18	1 31	18 32	7 2	1 4	0 31	4 51	5 18	2 43
F 13	18 27	2 19	0 59	8 51	2 17	19 22	0 29	10 37	1 41	21 42	0 10	2 25	2 32	8 26	0 39	12 19	1 31	18 32	7 2	1 4	0 30	4 53	5 16	2 42
S 14	18 41	1n22	0s 5	8 53	2 26	19 40	0 27	10 22	1 43	21 40	0 10	2 24	2 32	8 27	0 39	12 19	1 31	18 31	7 2	1 5	0 29	4 55	5 15	2 42
S 15	18 55	4 59	1 8	8 56	2 34	19 57	0 25	10 8	1 44	21 39	0 10	2 23	2 32	8 28	0 39	12 20	1 31	18 31	7 2	1 4	0 27	4 56	5 13	2 41
M16	19 9	8 25	2 8	9 2	2 41	20 14	0 22	9 54	1 45	21 37	0 11	2 22	2 32	8 29	0 39	12 21	1 31	18 31	7 2	1 3	0 26	4 58	5 12	2 40
T 17	19 23	11 33	3 3	9 10	2 48	20 30	0 20	9 39	1 46	21 36	0 11	2 21	2 31	8 30	0 39	12 22	1 31	18 31	7 2	1 1	0 25	5 0	5 11	2 40
W18	19 36	14 14	3 50	9 19	2 53	20 46	0 18	9 25	1 47	21 34	0 11	2 20	2 31	8 31	0 39	12 22	1 31	18 31	7 2	0 58	0 24	5 2	5 9	2 39
T 19	19 49	16 19	4 27	9 31	2 58	21 1	0 15	9 10	1 49	21 32	0 11	2 19	2 31	8 33	0 39	12 23	1 31	18 31	7 1	0 54	0 22	5 3	5 8	2 38
F 20	20 1	17 41	4 53	9 44	3 2	21 15	0 13	8 55	1 50	21 31	0 11	2 18	2 31	8 34	0 39	12 24	1 32	18 30	7 1	0 50	0 21	5 5	5 7	2 38
S 21	20 13	18 12	5 4	9 58	3 6	21 29	0 11	8 41	1 51	21 29	0 11	2 18	2 31	8 35	0 39	12 24	1 32	18 30	7 1	0 46	0 20	5 7	5 6	2 37
S 22	20 25	17 49	5 0	10 15	3 8	21 43	0 8	8 26	1 52	21 27	0 11	2 17	2 31	8 36	0 39	12 25	1 32	18 30	7 1	0 42	0 19	5 9	5 5	2 37
M23	20 36	16 30	4 41	10 32	3 10	21 55	0 6	8 11	1 54	21 26	0 11	2 16	2 30	8 37	0 39	12 26	1 32	18 30	7 1	0 39	0 17	5 10	5 3	2 36
T 24	20 47	14 18	4 7	10 51	3 12	22 7	0 3	7 57	1 55	21 24	0 11	2 16	2 30	8 38	0 39	12 26	1 32	18 29	7 1	0 37	0 16	5 12	5 2	2 35
W25	20 58	11 17	3 19	11 11	3 12	22 19	0 1	7 42	1 56	21 22	0 11	2 15	2 30	8 39	0 39	12 27	1 32	18 29	7 1	0 36	0 15	5 14	5 1	2 35
T 26	21 8	7 36	2 18	11 33	3 12	22 30	0n 1	7 27	1 57	21 20	0 11	2 15	2 30	8 40	0 39	12 27	1 32	18 29	7 1	0 35	0 14	5 16	5 0	2 34
F 27	21 18	3 26	1 8	11 55	3 12	22 40	0 4	7 12	1 59	21 18	0 11	2 14	2 30	8 41	0 39	12 28	1 32	18 29	7 0	0 35	0 12	5 17	5 0	2 34
S 28	21 28	1s 0	0n 7	12 19	3 10	22 49	0 6	6 57	2 0	21 16	0 11	2 14	2 29	8 42	0 39	12 29	1 32	18 28	7 0	0 36	0 11	5 19	4 59	2 33
S 29	21 37	5 27	1 23	12 43	3 8	22 58	0 9	6 42	2 1	21 14	0 12	2 13	2 29	8 43	0 39	12 29	1 32	18 28	7 0	0 35	0 10	5 21	4 58	2 32
M30	21 46	9 39	2 34	13 9	3 6	23 6	0 11	6 28	2 2	21 13	0 12	2 13	2 29	8 44	0 39	12 30	1 32	18 28	7 0	0 34	0 8	5 23	4 57	2 32
T 31	21n54	13s15	3n36	13n35	3s 3	23n14	0n14	6s13	2s 4	21n11	0n12	2s13	2n29	8n45	0s39	12n31	1s32	18n27	7n 0	0s32	0s 7	5n24	4s56	2s31

Julian Day Number = 2885573.5, Delta T = 01h17m11s
Ecliptic obliquity = 23°16'59, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°22'57, Lahiri = 40°29'58

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ASTRODIENST EPHEMERIS for the year 3188
geocentric

JUNE 3188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 40 37	11♊37'20	1♐25	17♉18	22♊36	19♓43	25♋14	11°R25	24♈18	7♉38	28♌34	1°R12	0♎15	17♈34	6°R39	W 1
T 2	16 44 33	12°35'17	16° 1	18°44	23°50	20°24	25°26	11♎24	24°20	7°40	28°35	1♎ 2	0°12	17°41	6♎39	T 2
F 3	16 48 30	13°33'13	0♑22	20°12	25° 4	21° 5	25°37	11°23	24°23	7°42	28°35	0°51	0° 9	17°48	6°D38	F 3
S 4	16 52 27	14°31'07	14°20	21°41	26°17	21°47	25°49	11°22	24°25	7°44	28°36	0°41	0° 6	17°54	6°39	S 4
S 5	16 56 23	15°28'59	27°54	23°14	27°31	22°28	26° 1	11°21	24°28	7°46	28°37	0°32	0° 2	18° 1	6°39	S 5
M 6	17 0 20	16°26'51	11♒ 1	24°48	28°45	23° 9	26°12	11°21	24°30	7°48	28°37	0°25	29♍59	18° 8	6°39	M 6
T 7	17 4 16	17°24'41	23°44	26°25	29°58	23°50	26°24	11°20	24°33	7°50	28°38	0°21	29°56	18°14	6°39	T 7
W 8	17 8 13	18°22'30	6♓ 5	28° 3	1♋12	24°31	26°36	11°20	24°35	7°52	28°39	0°18	29°53	18°21	6°40	W 8
T 9	17 12 9	19°20'18	18°10	29°44	2°26	25°11	26°48	11°19	24°37	7°53	28°39	0°D18	29°50	18°28	6°40	T 9
F 10	17 16 6	20°18'05	0♈ 4	1♊27	3°39	25°52	27° 1	11°19	24°40	7°55	28°40	0°R18	29°47	18°34	6°41	F 10
S 11	17 20 2	21°15'51	11°52	3°13	4°53	26°33	27°13	11°19	24°42	7°57	28°41	0°18	29°43	18°41	6°42	S 11
S 12	17 23 59	22°13'36	23°40	5° 0	6° 7	27°14	27°25	11°D19	24°44	7°59	28°42	0°16	29°40	18°48	6°43	S 12
M13	17 27 56	23°11'20	5♉33	6°50	7°20	27°55	27°37	11°19	24°46	8° 1	28°43	0°11	29°37	18°54	6°44	M13
T 14	17 31 52	24° 9'03	17°34	8°42	8°34	28°35	27°49	11°19	24°48	8° 2	28°44	0° 5	29°34	19° 1	6°45	T 14
W15	17 35 49	25° 6'45	29°46	10°36	9°47	29°16	28° 2	11°19	24°50	8° 4	28°45	29♍55	29°31	19° 7	6°46	W15
T 16	17 39 45	26° 4'26	12♊13	12°32	11° 1	29°56	28°14	11°19	24°52	8° 6	28°46	29°43	29°27	19°14	6°47	T 16
F 17	17 43 42	27° 2'05	24°54	14°30	12°15	0♈37	28°27	11°20	24°54	8° 7	28°47	29°31	29°24	19°21	6°49	F 17
S 18	17 47 38	27°59'44	7♋50	16°31	13°28	1°17	28°39	11°20	24°56	8° 9	28°48	29°18	29°21	19°27	6°51	S 18
S 19	17 51 35	28°57'22	20°59	18°33	14°42	1°57	28°52	11°21	24°58	8°11	28°49	29° 6	29°18	19°34	6°52	S 19
M20	17 55 32	29°54'58	4♌20	20°37	15°55	2°38	29° 5	11°22	25° 0	8°12	28°50	28°56	29°15	19°41	6°54	M20
T 21	17 59 28	0♋52'33	17°52	22°43	17° 9	3°18	29°17	11°22	25° 2	8°14	28°51	28°49	29°12	19°47	6°56	T 21
W22	18 3 25	1°50'07	1♍33	24°50	18°22	3°58	29°30	11°23	25° 4	8°15	28°52	28°45	29° 8	19°54	6°58	W22
T 23	18 7 21	2°47'39	15°23	26°59	19°36	4°38	29°43	11°24	25° 6	8°17	28°53	28°43	29° 5	20° 1	7° 0	T 23
F 24	18 11 18	3°45'11	29°21	29° 9	20°49	5°18	29°55	11°25	25° 7	8°18	28°54	28°43	29° 2	20° 7	7° 2	F 24
S 25	18 15 14	4°42'41	13♎27	1♋20	22° 2	5°57	0♌ 8	11°27	25° 9	8°20	28°55	28°43	28°59	20°14	7° 5	S 25
S 26	18 19 11	5°40'10	27°40	3°31	23°16	6°37	0°21	11°28	25°11	8°21	28°56	28°42	28°56	20°21	7° 7	S 26
M27	18 23 7	6°37'37	11♏59	5°44	24°29	7°17	0°34	11°30	25°12	8°22	28°57	28°38	28°53	20°27	7°10	M27
T 28	18 27 4	7°35'04	26°20	7°56	25°42	7°56	0°47	11°31	25°14	8°24	28°59	28°32	28°49	20°34	7°12	T 28
W29	18 31 1	8°32'29	10♐39	10° 8	26°56	8°36	1° 0	11°33	25°15	8°25	29° 0	28°24	28°46	20°41	7°15	W29
T 30	18 34 57	9♋29'54	24♐52	12♋20	28♋ 9	9♈15	1♌13	11♎34	25♈17	8♉26	29♌ 1	28♍13	28♍43	20♈47	7♎18	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 2	16s 1	4n23	14n 1	2s59	23n21	0n16	5s58	2s 5	21n 9	0n12	2s12	2n29	8n45	0s39	12n31	1s32	18n27	7n 0	0s29	0s 6	5n26	4s56	2s30
T 2	22 9	17 43	4 52	14 29	2 55	23 27	0 19	5 43	2 6	21 7	0 12	2 12	2 28	8 46	0 39	12 32	1 32	18 27	7 0	0 25	0 5	5 28	4 55	2 30
F 3	22 17	18 15	5 2	14 57	2 50	23 32	0 21	5 28	2 7	21 4	0 12	2 12	2 28	8 47	0 39	12 32	1 32	18 26	7 0	0 20	0 3	5 29	4 54	2 29
S 4	22 23	17 39	4 54	15 25	2 45	23 37	0 23	5 13	2 8	21 2	0 12	2 12	2 28	8 48	0 39	12 33	1 32	18 26	7 0	0 16	0 2	5 31	4 54	2 29
S 5	22 30	16 3	4 29	15 54	2 39	23 41	0 26	4 58	2 10	21 0	0 12	2 12	2 28	8 49	0 39	12 33	1 32	18 26	6 59	0 13	0 1	5 33	4 53	2 28
M 6	22 36	13 39	3 50	16 23	2 32	23 45	0 28	4 43	2 11	20 58	0 12	2 12	2 27	8 50	0 39	12 34	1 32	18 25	6 59	0 10	0n 0	5 35	4 53	2 27
T 7	22 41	10 40	3 1	16 52	2 26	23 48	0 31	4 28	2 12	20 56	0 12	2 12	2 27	8 51	0 39	12 35	1 32	18 25	6 59	0 8	0 2	5 36	4 52	2 27
W 8	22 47	7 17	2 5	17 21	2 18	23 50	0 33	4 13	2 13	20 54	0 12	2 12	2 27	8 52	0 39	12 35	1 32	18 25	6 59	0 7	0 3	5 38	4 52	2 26
T 9	22 51	3 40	1 4	17 50	2 10	23 51	0 35	3 58	2 15	20 52	0 12	2 12	2 27	8 52	0 39	12 36	1 32	18 24	6 59	0 7	0 4	5 40	4 52	2 25
F 10	22 56	0n 3	0 1	18 19	2 2	23 52	0 38	3 43	2 16	20 49	0 12	2 12	2 27	8 53	0 39	12 36	1 32	18 24	6 59	0 7	0 5	5 42	4 51	2 25
S 11	23 0	3 44	1s 1	18 48	1 54	23 51	0 40	3 28	2 17	20 47	0 12	2 12	2 26	8 54	0 39	12 37	1 32	18 24	6 59	0 7	0 7	5 43	4 51	2 24
S 12	23 3	7 16	2 1	19 17	1 45	23 51	0 42	3 13	2 18	20 45	0 13	2 12	2 26	8 55	0 39	12 37	1 32	18 23	6 59	0 6	0 8	5 45	4 51	2 24
M13	23 7	10 32	2 55	19 45	1 35	23 49	0 44	2 58	2 20	20 42	0 13	2 12	2 26	8 56	0 39	12 38	1 32	18 23	6 59	0 5	0 9	5 47	4 51	2 23
T 14	23 9	13 24	3 43	20 12	1 26	23 47	0 47	2 43	2 21	20 40	0 13	2 13	2 26	8 56	0 39	12 38	1 32	18 22	6 58	0 2	0 10	5 48	4 51	2 22
W15	23 12	15 44	4 20	20 39	1 16	23 44	0 49	2 28	2 22	20 38	0 13	2 13	2 25	8 57	0 39	12 39	1 32	18 22	6 58	0n 2	0 12	5 50	4 50	2 22
T 16	23 13	17 22	4 47	21 4	1 5	23 41	0 51	2 13	2 23	20 35	0 13	2 13	2 25	8 58	0 39	12 39	1 32	18 22	6 58	0 7	0 13	5 52	4 50	2 21
F 17	23 15	18 12	4 59	21 29	0 55	23 36	0 53	1 58	2 25	20 33	0 13	2 14	2 25	8 58	0 39	12 40	1 32	18 21	6 58	0 12	0 14	5 54	4 50	2 20
S 18	23 16	18 7	4 57	21 52	0 44	23 31	0 55	1 44	2 26	20 30	0 13	2 14	2 25	8 59	0 39	12 40	1 32	18 21	6 58	0 17	0 15	5 55	4 51	2 20
S 19	23 17	17 4	4 39	22 14	0 33	23 26	0 57	1 29	2 27	20 28	0 13	2 14	2 25	9 0	0 39	12 41	1 32	18 20	6 58	0 21	0 17	5 57	4 51	2 19
M20	23 17	15 4	4 6	22 35	0 23	23 19	0 59	1 14	2 28	20 25	0 13	2 15	2 24	9 0	0 39	12 41	1 33	18 20	6 58	0 25	0 18	5 59	4 51	2 19
T 21	23 17	12 14	3 18	22 53	0 12	23 12	1 1	0 59	2 30	20 23	0 13	2 15	2 24	9 1	0 39	12 42	1 33	18 19	6 58	0 28	0 19	6 1	4 51	2 18
W22	23 16	8 42	2 18	23 10	0 1	23 5	1 3	0 45	2 31	20 20	0 13	2 16	2 24	9 2	0 39	12 42	1 33	18 19	6 58	0 30	0 20	6 2	4 51	2 17
T 23	23 15	4 39	1 10	23 25	0n10	22 56	1 5	0 30	2 32	20 18	0 13	2 17	2 24	9 2	0 39	12 43	1 33	18 18	6 58	0 30	0 22	6 4	4 52	2 17
F 24	23 14	0 19	0n 3	23 37	0 20	22 47	1 7	0 15	2 33	20 15	0 13	2 17	2 23	9 3	0 39	12 43	1 33	18 18	6 58	0 30	0 23	6 6	4 52	2 16
S 25	23 12	4s 5	1 17	23 47	0 30	22 38	1 9	0 1	2 34	20 13	0 13	2 18	2 23	9 4	0 39	12 43	1 33	18 17	6 57	0 31	0 24	6 7	4 52	2 16
S 26	23 10	8 17	2 27	23 54	0 40	22 27	1 11	0n14	2 36	20 10	0 14	2 19	2 23	9 4	0 39	12 44	1 33	18 17	6 57	0 31	0 25	6 9	4 53	2 15
M27	23 7	12 2	3 28	23 59	0 50	22 16	1 12	0 28	2 37	20 7	0 14	2 19	2 23	9 5	0 39	12 44	1 33	18 16	6 57	0 32	0 27	6 11	4 53	2 14
T 28	23 4	15 4	4 15	24 1	0 59	22 5	1 14	0 42	2 38	20 4	0 14	2 20	2 23	9 5	0 39	12 45	1 33	18 16	6 57	0 35	0 28	6 13	4 54	2 14
W29	23 1	17 10	4 47	24 1	1 7	21 53	1 16	0 57	2 39	20 2	0 14	2 21	2 22	9 6	0 39	12 45	1 33	18 15	6 57	0 38	0 29	6 14	4 54	2 13
T 30	22n57	18s11	5n 1	23n58	1n15	21n40	1n17	1n11	2s40	19n59	0n14	2s22	2n22	9n 6	0s40	12n45	1s33	18n15	6n57	0n42	0n30	6n16	4s55	2s13

Julian Day Number = 2885604.5, Delta T = 01h17m12s
Ecliptic obliquity = 23°16'58, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°23'02, Lahiri = 40°30'02

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ASTRODIENST EPHEMERIS for the year 3188
geocentric

JULY 3188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 38 54	10♋27'18	8♉52	14♋31	29♋22	9♈54	1♌26	11♎36	25♈18	8♉28	29♌ 2	28°R 2	28♍40	20♈54	7♎21	F 1
S 2	18 42 50	11°24'41	22°35	16°41	0♌36	10°33	1°39	11°38	25°20	8°29	29° 4	27♍51	28°37	21° 1	7°24	S 2
S 3	18 46 47	12°22'04	5♒58	18°51	1°49	11°12	1°52	11°40	25°21	8°30	29° 5	27°41	28°34	21° 7	7°27	S 3
M 4	18 50 43	13°19'26	18°59	20°59	3° 2	11°51	2° 5	11°42	25°22	8°32	29° 6	27°33	28°30	21°14	7°31	M 4
T 5	18 54 40	14°16'47	1♓39	23° 5	4°15	12°30	2°19	11°45	25°23	8°33	29° 8	27°28	28°27	21°21	7°34	T 5
W 6	18 58 36	15°14'08	14° 0	25°10	5°28	13° 9	2°32	11°47	25°25	8°34	29° 9	27°26	28°24	21°27	7°38	W 6
T 7	19 2 33	16°11'28	26° 5	27°13	6°42	13°47	2°45	11°49	25°26	8°35	29°10	27°D25	28°21	21°34	7°41	T 7
F 8	19 6 30	17° 8'48	8♈ 0	29°14	7°55	14°26	2°58	11°52	25°27	8°36	29°12	27°25	28°18	21°41	7°45	F 8
S 9	19 10 26	18° 6'08	19°50	1♌13	9° 8	15° 4	3°12	11°55	25°28	8°37	29°13	27°R25	28°14	21°47	7°49	S 9
S 10	19 14 23	19° 3'28	1♉40	3°10	10°21	15°42	3°25	11°57	25°29	8°38	29°15	27°25	28°11	21°54	7°53	S 10
M11	19 18 19	20° 0'48	13°35	5° 5	11°34	16°20	3°38	12° 0	25°30	8°39	29°16	27°22	28° 8	22° 1	7°57	M11
T 12	19 22 16	20°58'07	25°40	6°58	12°47	16°58	3°52	12° 3	25°31	8°40	29°17	27°17	28° 5	22° 7	8° 1	T 12
W13	19 26 12	21°55'26	7♊59	8°48	14° 0	17°36	4° 5	12° 6	25°32	8°41	29°19	27°10	28° 2	22°14	8° 5	W13
T 14	19 30 9	22°52'45	20°35	10°37	15°13	18°14	4°18	12° 9	25°32	8°42	29°20	27° 1	27°59	22°21	8° 9	T 14
F 15	19 34 5	23°50'04	3♋30	12°23	16°26	18°51	4°32	12°12	25°33	8°43	29°22	26°50	27°55	22°27	8°14	F 15
S 16	19 38 2	24°47'23	16°43	14° 7	17°39	19°28	4°45	12°15	25°34	8°44	29°23	26°40	27°52	22°34	8°18	S 16
S 17	19 41 59	25°44'41	0♌14	15°48	18°52	20° 6	4°59	12°19	25°35	8°45	29°25	26°30	27°49	22°40	8°23	S 17
M18	19 45 55	26°41'59	13°59	17°28	20° 5	20°43	5°12	12°22	25°35	8°45	29°27	26°22	27°46	22°47	8°27	M18
T 19	19 49 52	27°39'17	27°55	19° 5	21°18	21°19	5°25	12°26	25°36	8°46	29°28	26°17	27°43	22°54	8°32	T 19
W20	19 53 48	28°36'35	11♍59	20°40	22°31	21°56	5°39	12°29	25°36	8°47	29°30	26°14	27°39	23° 0	8°37	W20
T 21	19 57 45	29°33'52	26° 7	22°13	23°44	22°32	5°52	12°33	25°37	8°48	29°31	26°D13	27°36	23° 7	8°42	T 21
F 22	20 1 41	0♌31'08	10♎17	23°43	24°57	23° 9	6° 6	12°37	25°37	8°48	29°33	26°14	27°33	23°14	8°47	F 22
S 23	20 5 38	1°28'24	24°28	25°11	26° 9	23°45	6°19	12°41	25°38	8°49	29°34	26°R14	27°30	23°20	8°52	S 23
S 24	20 9 34	2°25'40	8♏37	26°37	27°22	24°20	6°33	12°45	25°38	8°49	29°36	26°14	27°27	23°27	8°57	S 24
M25	20 13 31	3°22'56	22°43	28° 1	28°35	24°56	6°46	12°49	25°38	8°50	29°38	26°13	27°24	23°34	9° 2	M25
T 26	20 17 28	4°20'11	6♐45	29°22	29°48	25°32	7° 0	12°53	25°38	8°51	29°39	26° 9	27°20	23°40	9° 8	T 26
W27	20 21 24	5°17'26	20°40	0♍40	1♍ 0	26° 7	7°13	12°57	25°39	8°51	29°41	26° 3	27°17	23°47	9°13	W27
T 28	20 25 21	6°14'41	4♑27	1°57	2°13	26°42	7°27	13° 1	25°39	8°52	29°43	25°56	27°14	23°54	9°19	T 28
F 29	20 29 17	7°11'56	18° 1	3°10	3°26	27°17	7°40	13° 6	25°39	8°52	29°44	25°48	27°11	24° 0	9°24	F 29
S 30	20 33 14	8° 9'11	1♒21	4°21	4°38	27°51	7°54	13°10	25°R39	8°52	29°46	25°40	27° 8	24° 7	9°30	S 30
S 31	20 37 10	9♌ 6'26	14♒25	5♍30	5♍51	28♈26	8♌ 7	13♎15	25♈39	8♉53	29♌48	25♍33	27♍ 5	24♈14	9♎36	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n52	18s 4	4n56	23n52	1n22	21n26	1n19	1n25	2s41	19n56	0n14	2s23	2n22	9n 7	0s40	12n46	1s33	18n14	6n57	0n47	0n32	6n18	4s55	2s12
S 2	22 48	16 54	4 34	23 43	1 29	21 12	1 20	1 39	2 43	19 53	0 14	2 24	2 22	9 7	0 40	12 46	1 33	18 14	6 57	0 51	0 33	6 19	4 56	2 11
S 3	22 43	14 49	3 57	23 32	1 35	20 57	1 22	1 53	2 44	19 51	0 14	2 25	2 21	9 8	0 40	12 46	1 33	18 13	6 57	0 55	0 34	6 21	4 57	2 11
M 4	22 37	12 2	3 9	23 18	1 40	20 42	1 23	2 7	2 45	19 48	0 14	2 26	2 21	9 8	0 40	12 47	1 33	18 13	6 57	0 58	0 35	6 23	4 58	2 10
T 5	22 31	8 45	2 12	23 2	1 44	20 26	1 25	2 21	2 46	19 45	0 14	2 27	2 21	9 9	0 40	12 47	1 33	18 12	6 57	1 0	0 37	6 25	4 58	2 10
W 6	22 25	5 10	1 11	22 44	1 48	20 10	1 26	2 35	2 47	19 42	0 14	2 28	2 21	9 9	0 40	12 47	1 33	18 12	6 57	1 1	0 38	6 26	4 59	2 9
T 7	22 19	1 26	0 7	22 24	1 51	19 53	1 27	2 49	2 48	19 39	0 14	2 29	2 21	9 9	0 40	12 48	1 33	18 11	6 57	1 1	0 39	6 28	5 0	2 9
F 8	22 11	2n18	0s56	22 1	1 53	19 35	1 28	3 3	2 50	19 36	0 14	2 30	2 20	9 10	0 40	12 48	1 33	18 11	6 57	1 1	0 40	6 30	5 1	2 8
S 9	22 4	5 54	1 57	21 37	1 54	19 17	1 29	3 16	2 51	19 33	0 15	2 32	2 20	9 10	0 40	12 48	1 33	18 10	6 56	1 1	0 42	6 31	5 2	2 7
S 10	21 56	9 17	2 52	21 11	1 55	18 59	1 30	3 30	2 52	19 30	0 15	2 33	2 20	9 10	0 40	12 49	1 34	18 10	6 56	1 1	0 43	6 33	5 3	2 7
M11	21 48	12 18	3 40	20 44	1 55	18 40	1 31	3 43	2 53	19 27	0 15	2 34	2 20	9 11	0 40	12 49	1 34	18 9	6 56	1 2	0 44	6 35	5 4	2 6
T 12	21 40	14 51	4 19	20 15	1 54	18 20	1 32	3 57	2 54	19 24	0 15	2 35	2 19	9 11	0 40	12 49	1 34	18 8	6 56	1 4	0 45	6 36	5 5	2 6
W13	21 31	16 46	4 47	19 45	1 52	18 0	1 33	4 10	2 55	19 21	0 15	2 37	2 19	9 11	0 40	12 49	1 34	18 8	6 56	1 7	0 47	6 38	5 6	2 5
T 14	21 21	17 56	5 2	19 13	1 50	17 40	1 34	4 23	2 56	19 18	0 15	2 38	2 19	9 12	0 40	12 50	1 34	18 7	6 56	1 11	0 48	6 40	5 7	2 5
F 15	21 12	18 13	5 2	18 41	1 47	17 19	1 34	4 36	2 57	19 15	0 15	2 40	2 19	9 12	0 40	12 50	1 34	18 7	6 56	1 15	0 49	6 42	5 9	2 4
S 16	21 2	17 31	4 46	18 8	1 43	16 57	1 35	4 49	2 58	19 12	0 15	2 41	2 19	9 12	0 40	12 50	1 34	18 6	6 56	1 19	0 51	6 43	5 10	2 4
S 17	20 51	15 50	4 13	17 34	1 39	16 35	1 36	5 2	3 0	19 9	0 15	2 42	2 18	9 12	0 40	12 50	1 34	18 6	6 56	1 23	0 52	6 45	5 11	2 3
M18	20 41	13 14	3 26	17 0	1 34	16 13	1 36	5 15	3 1	19 5	0 15	2 44	2 18	9 12	0 40	12 50	1 34	18 5	6 56	1 26	0 53	6 47	5 13	2 2
T 19	20 30	9 50	2 26	16 25	1 29	15 50	1 36	5 27	3 2	19 2	0 15	2 46	2 18	9 13	0 40	12 51	1 34	18 4	6 56	1 28	0 54	6 48	5 14	2 2
W20	20 18	5 51	1 16	15 49	1 23	15 27	1 37	5 40	3 3	18 59	0 15	2 47	2 18	9 13	0 40	12 51	1 34	18 4	6 56	1 29	0 56	6 50	5 15	2 1
T 21	20 7	1 32	0 1	15 13	1 16	15 3	1 37	5 52	3 4	18 56	0 16	2 49	2 18	9 13	0 40	12 51	1 34	18 3	6 56	1 30	0 57	6 52	5 17	2 1
F 22	19 54	2s54	1n15	14 37	1 9	14 39	1 37	6 4	3 5	18 53	0 16	2 50	2 17	9 13	0 40	12 51	1 34	18 3	6 56	1 29	0 58	6 53	5 18	2 0
S 23	19 42	7 9	2 26	14 1	1 2	14 15	1 37	6 17	3 6	18 49	0 16	2 52	2 17	9 13	0 40	12 51	1 34	18 2	6 56	1 29	0 59	6 55	5 20	2 0
S 24	19 29	11 0	3 28	13 24	0 54	13 50	1 37	6 29	3 7	18 46	0 16	2 54	2 17	9 13	0 40	12 51	1 34	18 1	6 56	1 29	1 1	6 57	5 21	1 59
M25	19 16	14 11	4 17	12 48	0 45	13 25	1 37	6 41	3 8	18 43	0 16	2 55	2 17	9 13	0 40	12 52	1 34	18 1	6 56	1 30	1 2	6 58	5 23	1 59
T 26	19 3	16 32	4 50	12 11	0 36	12 59	1 37	6 52	3 9	18 40	0 16	2 57	2 17	9 13	0 40	12 52	1 34	18 0	6 56	1 31	1 3	7 0	5 24	1 58
W27	18 49	17 52	5 6	11 35	0 27	12 34	1 37	7 4	3 10	18 36	0 16	2 59	2 16	9 13	0 40	12 52	1 34	18 0	6 56	1 33	1 4	7 2	5 26	1 58
T 28	18 35	18 9	5 4	10 59	0 17	12 8	1 37	7 16	3 11	18 33	0 16	3 1	2 16	9 13	0 40	12 52	1 34	17 59	6 56	1 36	1 6	7 4	5 28	1 57
F 29	18 21	17 23	4 45	10 23	0 7	11 41	1 37	7 27	3 12	18 30	0 16	3 3	2 16	9 13	0 40	12 52	1 35	17 58	6 56	1 39	1 7	7 5	5 29	1 57
S 30	18 7	15 39	4 10	9 47	0s 4	11 14	1 36	7 39	3 12	18 26	0 16	3 5	2 16	9 13	0 40	12 52	1 35	17 58	6 56	1 43	1 8	7 7	5 31	1 56
S 31	17n52	13s 9	3n23	9n12	0s15	10n47	1n36	7n50	3s13	18n23	0n16	3s 6	2n16	9n13	0s40	12n52	1s35	17n57	6n56	1n45	1n 9	7n 9	5s33	1s56

Julian Day Number = 2885634.5, Delta T = 01h17m13s
Ecliptic obliquity = 23°16'58, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°23'06, Lahiri = 40°30'06

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ASTRODIENST EPHEMERIS for the year 3188
geocentric

AUGUST 3188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 41 7	10♌ 3'41	27♒12	6♍35	7♍ 4	29♈ 0	8♌21	13♎19	25°R39	8♉53	29♌49	25°R28	27♍ 1	24♈20	9♎41	M 1
T 2	20 45 3	11° 0'57	9♓43	7°38	8°16	29°34	8°34	13°24	25♈39	8°53	29°51	25♍25	26°58	24°27	9°47	T 2
W 3	20 49 0	11°58'13	21°58	8°38	9°29	0♉ 7	8°48	13°29	25°39	8°54	29°53	25°D24	26°55	24°34	9°53	W 3
T 4	20 52 57	12°55'29	4♈ 1	9°35	10°41	0°41	9° 1	13°33	25°38	8°54	29°55	25°24	26°52	24°40	9°59	T 4
F 5	20 56 53	13°52'46	15°55	10°29	11°54	1°14	9°15	13°38	25°38	8°54	29°56	25°25	26°49	24°47	10° 5	F 5
S 6	21 0 50	14°50'03	27°45	11°20	13° 6	1°47	9°28	13°43	25°38	8°54	29°58	25°27	26°45	24°54	10°12	S 6
S 7	21 4 46	15°47'21	9♉35	12° 7	14°18	2°19	9°42	13°48	25°38	8°55	29°59	25°28	26°42	25° 0	10°18	S 7
M 8	21 8 43	16°44'40	21°31	12°50	15°31	2°52	9°55	13°53	25°37	8°55	0♍ 2	25°R28	26°39	25° 7	10°24	M 8
T 9	21 12 39	17°41'59	3♊37	13°30	16°43	3°23	10° 8	13°58	25°37	8°55	0° 3	25°27	26°36	25°14	10°31	T 9
W10	21 16 36	18°39'19	15°59	14° 7	17°55	3°55	10°22	14° 4	25°36	8°55	0° 5	25°24	26°33	25°20	10°37	W10
T 11	21 20 32	19°36'40	28°39	14°39	19° 8	4°27	10°35	14° 9	25°36	8°R55	0° 7	25°20	26°30	25°27	10°44	T 11
F 12	21 24 29	20°34'02	11♋41	15° 7	20°20	4°58	10°49	14°14	25°35	8°55	0° 9	25°14	26°26	25°34	10°50	F 12
S 13	21 28 26	21°31'25	25° 5	15°31	21°32	5°28	11° 2	14°20	25°34	8°55	0°10	25° 9	26°23	25°40	10°57	S 13
S 14	21 32 22	22°28'48	8♌51	15°50	22°44	5°59	11°15	14°25	25°34	8°55	0°12	25° 4	26°20	25°47	11° 4	S 14
M15	21 36 19	23°26'11	22°56	16° 5	23°56	6°29	11°29	14°31	25°33	8°55	0°14	25° 0	26°17	25°54	11°10	M15
T 16	21 40 15	24°23'36	7♍16	16°15	25° 8	6°58	11°42	14°36	25°32	8°54	0°16	24°58	26°14	26° 0	11°17	T 16
W17	21 44 12	25°21'01	21°46	16°R20	26°20	7°28	11°55	14°42	25°32	8°54	0°18	24°D57	26°11	26° 7	11°24	W17
T 18	21 48 8	26°18'26	6♎19	16°20	27°32	7°57	12° 9	14°48	25°31	8°54	0°19	24°57	26° 7	26°14	11°31	T 18
F 19	21 52 5	27°15'52	20°50	16°14	28°44	8°25	12°22	14°54	25°30	8°54	0°21	24°58	26° 4	26°20	11°38	F 19
S 20	21 56 1	28°13'19	5♏16	16° 4	29°56	8°53	12°35	14°59	25°29	8°54	0°23	24°59	26° 1	26°27	11°45	S 20
S 21	21 59 58	29°10'46	19°32	15°48	1♎ 8	9°21	12°48	15° 5	25°28	8°53	0°25	25° 1	25°58	26°34	11°52	S 21
M22	22 3 55	0♍ 8'14	3♐36	15°28	2°20	9°48	13° 1	15°11	25°27	8°53	0°26	25°R 1	25°55	26°40	12° 0	M22
T 23	22 7 51	1° 5'42	17°28	15° 2	3°32	10°15	13°15	15°17	25°26	8°52	0°28	25° 0	25°51	26°47	12° 7	T 23
W24	22 11 48	2° 3'11	1♑ 7	14°32	4°44	10°42	13°28	15°23	25°25	8°52	0°30	24°58	25°48	26°54	12°14	W24
T 25	22 15 44	3° 0'40	14°31	13°57	5°55	11° 8	13°41	15°30	25°23	8°52	0°32	24°55	25°45	27° 0	12°22	T 25
F 26	22 19 41	3°58'10	27°42	13°18	7° 7	11°33	13°54	15°36	25°22	8°51	0°34	24°52	25°42	27° 7	12°29	F 26
S 27	22 23 37	4°55'41	10♒38	12°36	8°19	11°59	14° 7	15°42	25°21	8°51	0°35	24°49	25°39	27°14	12°37	S 27
S 28	22 27 34	5°53'13	23°21	11°50	9°30	12°23	14°20	15°48	25°20	8°50	0°37	24°47	25°36	27°20	12°44	S 28
M29	22 31 30	6°50'46	5♓51	11° 3	10°42	12°48	14°33	15°55	25°18	8°50	0°39	24°45	25°32	27°27	12°52	M29
T 30	22 35 27	7°48'20	18° 8	10°14	11°53	13°11	14°46	16° 1	25°17	8°49	0°41	24°44	25°29	27°34	12°59	T 30
W31	22 39 23	8♍45'54	0♈15	9♍25	13♎ 5	13♉35	14♌58	16♎ 7	25♈16	8♉48	0♍43	24°D44	25♍26	27♈40	13♎ 7	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n37	10s 4	2n27	8n38	0s26	10n20	1n35	8n 1	3s14	18n19	0n16	3s 8	2n16	9n13	0s40	12n52	1s35	17n57	6n56	1n47	1n11	7n10	5s35	1s55
T 2	17 21	6 35	1 24	8 4	0 38	9 53	1 35	8 12	3 15	18 16	0 17	3 10	2 15	9 13	0 40	12 52	1 35	17 56	6 56	1 49	1 12	7 12	5 37	1 55
W 3	17 5	2 53	0 19	7 31	0 50	9 25	1 34	8 23	3 16	18 13	0 17	3 12	2 15	9 13	0 40	12 52	1 35	17 55	6 56	1 49	1 13	7 14	5 39	1 54
T 4	16 49	0n52	0s47	6 58	1 2	8 57	1 33	8 33	3 17	18 9	0 17	3 14	2 15	9 13	0 41	12 52	1 35	17 55	6 56	1 49	1 14	7 15	5 40	1 54
F 5	16 33	4 32	1 49	6 26	1 14	8 29	1 32	8 44	3 18	18 6	0 17	3 16	2 15	9 13	0 41	12 52	1 35	17 54	6 56	1 48	1 16	7 17	5 42	1 53
S 6	16 17	8 0	2 47	5 56	1 27	8 0	1 31	8 54	3 19	18 2	0 17	3 18	2 15	9 13	0 41	12 52	1 35	17 54	6 56	1 48	1 17	7 19	5 44	1 53
S 7	16 0	11 9	3 37	5 26	1 40	7 32	1 30	9 5	3 19	17 59	0 17	3 21	2 15	9 13	0 41	12 52	1 35	17 53	6 56	1 47	1 18	7 20	5 46	1 52
M 8	15 43	13 51	4 19	4 58	1 53	7 3	1 29	9 15	3 20	17 55	0 17	3 23	2 14	9 13	0 41	12 52	1 35	17 52	6 56	1 47	1 19	7 22	5 48	1 52
T 9	15 26	16 0	4 49	4 30	2 6	6 34	1 28	9 25	3 21	17 52	0 17	3 25	2 14	9 12	0 41	12 52	1 35	17 52	6 56	1 48	1 21	7 24	5 50	1 51
W10	15 8	17 27	5 7	4 4	2 19	6 5	1 27	9 34	3 22	17 48	0 17	3 27	2 14	9 12	0 41	12 52	1 35	17 51	6 56	1 49	1 22	7 25	5 53	1 51
T 11	14 50	18 5	5 11	3 40	2 32	5 35	1 25	9 44	3 22	17 45	0 17	3 29	2 14	9 12	0 41	12 52	1 35	17 51	6 56	1 51	1 23	7 27	5 55	1 50
F 12	14 32	17 48	4 59	3 17	2 45	5 6	1 24	9 54	3 23	17 41	0 17	3 31	2 14	9 12	0 41	12 52	1 35	17 50	6 56	1 53	1 24	7 29	5 57	1 50
S 13	14 14	16 32	4 30	2 56	2 58	4 36	1 23	10 3	3 24	17 38	0 18	3 34	2 14	9 11	0 41	12 52	1 35	17 49	6 56	1 55	1 26	7 30	5 59	1 49
S 14	13 56	14 18	3 46	2 37	3 11	4 6	1 21	10 12	3 25	17 34	0 18	3 36	2 13	9 11	0 41	12 52	1 35	17 49	6 56	1 57	1 27	7 32	6 1	1 49
M15	13 37	11 9	2 46	2 20	3 23	3 37	1 19	10 21	3 25	17 31	0 18	3 38	2 13	9 11	0 41	12 52	1 36	17 48	6 56	1 58	1 28	7 34	6 3	1 48
T 16	13 18	7 18	1 35	2 5	3 36	3 7	1 18	10 30	3 26	17 27	0 18	3 40	2 13	9 11	0 41	12 52	1 36	17 48	6 56	1 59	1 29	7 35	6 6	1 48
W17	12 59	2 59	0 17	1 52	3 47	2 36	1 16	10 39	3 27	17 23	0 18	3 43	2 13	9 10	0 41	12 52	1 36	17 47	6 56	2 0	1 31	7 37	6 8	1 47
T 18	12 40	1s32	1n 2	1 41	3 59	2 6	1 14	10 48	3 27	17 20	0 18	3 45	2 13	9 10	0 41	12 52	1 36	17 46	6 56	2 0	1 32	7 39	6 10	1 47
F 19	12 21	5 57	2 17	1 34	4 9	1 36	1 12	10 56	3 28	17 16	0 18	3 47	2 13	9 10	0 41	12 51	1 36	17 46	6 56	1 59	1 33	7 40	6 13	1 47
S 20	12 1	9 59	3 24	1 28	4 19	1 6	1 10	11 4	3 28	17 13	0 18	3 50	2 13	9 9	0 41	12 51	1 36	17 45	6 57	1 59	1 34	7 42	6 15	1 46
S 21	11 41	13 23	4 17	1 26	4 28	0 36	1 8	11 13	3 29	17 9	0 18	3 52	2 12	9 9	0 41	12 51	1 36	17 45	6 57	1 58	1 36	7 44	6 17	1 46
M22	11 21	15 56	4 53	1 26	4 37	0 5	1 6	11 21	3 29	17 5	0 18	3 54	2 12	9 8	0 41	12 51	1 36	17 44	6 57	1 58	1 37	7 45	6 20	1 45
T 23	11 1	17 31	5 12	1 30	4 43	0s25	1 4	11 28	3 30	17 2	0 19	3 57	2 12	9 8	0 41	12 51	1 36	17 44	6 57	1 58	1 38	7 47	6 22	1 45
W24	10 41	18 4	5 13	1 36	4 49	0 56	1 2	11 36	3 30	16 58	0 19	3 59	2 12	9 8	0 41	12 51	1 36	17 43	6 57	1 59	1 39	7 49	6 25	1 44
T 25	10 20	17 35	4 57	1 45	4 53	1 26	0 59	11 44	3 31	16 55	0 19	4 2	2 12	9 7	0 41	12 50	1 36	17 42	6 57	2 0	1 41	7 50	6 27	1 44
F 26	9 59	16 9	4 25	1 57	4 56	1 56	0 57	11 51	3 31	16 51	0 19	4 4	2 12	9 7	0 41	12 50	1 36	17 42	6 57	2 1	1 42	7 52	6 30	1 44
S 27	9 39	13 55	3 40	2 12	4 57	2 27	0 54	11 58	3 32	16 47	0 19	4 7	2 12	9 6	0 41	12 50	1 36	17 41	6 57	2 3	1 43	7 54	6 32	1 43
S 28	9 18	11 3	2 45	2 30	4 56	2 57	0 52	12 5	3 32	16 44	0 19	4 9	2 12	9 6	0 41	12 50	1 36	17 41	6 57	2 4	1 44	7 55	6 35	1 43
M29	8 56	7 43	1 43	2 50	4 54	3 27	0 49	12 12	3 32	16 40	0 19	4 12	2 11	9 5	0 41	12 50	1 36	17 40	6 57	2 4	1 46	7 57	6 37	1 42
T 30	8 35	4 6	0 36	3 12	4 50	3 57	0 46	12 19	3 33	16 36	0 19	4 14	2 11	9 5	0 41	12 49	1 36	17 40	6 57	2 5	1 47	7 59	6 40	1 42
W31	8n14	0s22	0s30	3n36	4s43	4s28	0n44	12n25	3s33	16n33	0n19	4s17	2n11	9n 4	0s41	12n49	1s36	17n39	6n57	2n 5	1n48	8n 0	6s42	1s41

Julian Day Number = 2885665.5, Delta T = 01h17m13s
Ecliptic obliquity = 23°16'59, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°23'10, Lahiri = 40°30'10

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ASTRODIENST EPHEMERIS for the year 3188
geocentric

SEPTEMBER 3188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 43 20	9♍43'30	12♈12	8°R36	14♎16	13♉57	15♌11	16♎14	25°R14	8°R48	0♍44	24♍45	25♍23	27♈47	13♎15	T 1
F 2	22 47 17	10°41'08	24° 4	7♍49	15°28	14°20	15°24	16°20	25♈13	8♉47	0°46	24°46	25°20	27°54	13°22	F 2
S 3	22 51 13	11°38'46	5♉53	7° 4	16°39	14°41	15°37	16°27	25°11	8°46	0°48	24°47	25°16	28° 0	13°30	S 3
S 4	22 55 10	12°36'26	17°43	6°22	17°50	15° 2	15°50	16°33	25°10	8°46	0°50	24°48	25°13	28° 7	13°38	S 4
M 5	22 59 6	13°34'08	29°39	5°45	19° 1	15°23	16° 2	16°40	25° 8	8°45	0°52	24°49	25°10	28°14	13°46	M 5
T 6	23 3 3	14°31'51	11♊44	5°12	20°13	15°43	16°15	16°47	25° 6	8°44	0°53	24°R49	25° 7	28°20	13°54	T 6
W 7	23 6 59	15°29'36	24° 4	4°45	21°24	16° 2	16°27	16°53	25° 5	8°43	0°55	24°49	25° 4	28°27	14° 2	W 7
T 8	23 10 56	16°27'22	6♋43	4°25	22°35	16°21	16°40	17° 0	25° 3	8°42	0°57	24°49	25° 1	28°34	14°10	T 8
F 9	23 14 52	17°25'09	19°44	4°11	23°46	16°39	16°52	17° 7	25° 1	8°42	0°59	24°48	24°57	28°40	14°18	F 9
S 10	23 18 49	18°22'59	3♌ 9	4°D 5	24°57	16°57	17° 5	17°14	25° 0	8°41	1° 0	24°47	24°54	28°47	14°26	S 10
S 11	23 22 46	19°20'50	17° 0	4° 6	26° 8	17°14	17°17	17°21	24°58	8°40	1° 2	24°47	24°51	28°54	14°34	S 11
M12	23 26 42	20°18'42	1♍16	4°16	27°19	17°30	17°29	17°28	24°56	8°39	1° 4	24°46	24°48	29° 0	14°42	M12
T 13	23 30 39	21°16'36	15°51	4°33	28°29	17°45	17°42	17°35	24°54	8°38	1° 5	24°46	24°45	29° 7	14°50	T 13
W14	23 34 35	22°14'31	0♎41	4°58	29°40	18° 0	17°54	17°42	24°52	8°37	1° 7	24°D46	24°42	29°14	14°59	W14
T 15	23 38 32	23°12'27	15°38	5°31	0♏51	18°14	18° 6	17°49	24°50	8°36	1° 9	24°46	24°38	29°20	15° 7	T 15
F 16	23 42 28	24°10'25	0♏34	6°12	2° 2	18°27	18°18	17°56	24°48	8°35	1°11	24°46	24°35	29°27	15°15	F 16
S 17	23 46 25	25° 8'24	15°20	7° 0	3°12	18°40	18°30	18° 3	24°46	8°34	1°12	24°R46	24°32	29°34	15°23	S 17
S 18	23 50 21	26° 6'25	29°52	7°56	4°23	18°52	18°42	18°10	24°44	8°32	1°14	24°46	24°29	29°40	15°32	S 18
M19	23 54 18	27° 4'27	14♐ 6	8°59	5°33	19° 3	18°54	18°17	24°42	8°31	1°16	24°46	24°26	29°47	15°40	M19
T 20	23 58 15	28° 2'30	27°58	10° 8	6°44	19°14	19° 6	18°24	24°40	8°30	1°17	24°D46	24°22	29°54	15°48	T 20
W21	0 2 11	29° 0'34	11♑29	11°24	7°54	19°23	19°18	18°31	24°38	8°29	1°19	24°46	24°19	0♉ 0	15°57	W21
T 22	0 6 8	29°58'40	24°41	12°45	9° 4	19°32	19°29	18°38	24°36	8°28	1°20	24°46	24°16	0° 7	16° 5	T 22
F 23	0 10 4	0♒56'47	7♓35	14°12	10°14	19°40	19°41	18°46	24°34	8°26	1°22	24°47	24°13	0°14	16°14	F 23
S 24	0 14 1	1°54'55	20°12	15°44	11°25	19°47	19°52	18°53	24°32	8°25	1°24	24°48	24°10	0°20	16°22	S 24
S 25	0 17 57	2°53'05	2♈37	17°19	12°35	19°54	20° 4	19° 0	24°29	8°24	1°25	24°48	24° 7	0°27	16°31	S 25
M26	0 21 54	3°51'16	14°51	18°59	13°45	19°59	20°15	19° 7	24°27	8°23	1°27	24°49	24° 3	0°34	16°39	M26
T 27	0 25 50	4°49'29	26°55	20°42	14°55	20° 4	20°27	19°15	24°25	8°21	1°28	24°R49	24° 0	0°40	16°48	T 27
W28	0 29 47	5°47'43	8♈53	22°27	16° 4	20° 8	20°38	19°22	24°23	8°20	1°30	24°49	23°57	0°47	16°56	W28
T 29	0 33 43	6°46'00	20°45	24°15	17°14	20°11	20°49	19°29	24°21	8°19	1°31	24°48	23°54	0°54	17° 5	T 29
F 30	0 37 40	7♎44'18	2♉35	26♍ 4	18♏24	20♉13	21♌ 0	19♎37	24♈18	8♉17	1♍33	24♍46	23♍51	1♉ 0	17♎13	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n52	3n20	1s35	4n 2	4s35	4s58	0n41	12n32	3s33	16n29	0n19	4s19	2n11	9n 4	0s41	12n49	1s36	17n38	6n57	2n 4	1n49	8n 2	6s45	1s41
F 2	7 31	6 52	2 35	4 28	4 25	5 28	0 38	12 38	3 33	16 26	0 20	4 22	2 11	9 3	0 41	12 49	1 36	17 38	6 58	2 4	1 51	8 4	6 48	1 41
S 3	7 9	10 7	3 29	4 56	4 14	5 58	0 35	12 44	3 33	16 22	0 20	4 24	2 11	9 3	0 41	12 48	1 37	17 37	6 58	2 4	1 52	8 5	6 50	1 40
S 4	6 47	12 57	4 13	5 23	4 1	6 27	0 32	12 50	3 34	16 18	0 20	4 27	2 11	9 2	0 41	12 48	1 37	17 37	6 58	2 3	1 53	8 7	6 53	1 40
M 5	6 25	15 16	4 47	5 50	3 46	6 57	0 29	12 56	3 34	16 15	0 20	4 30	2 11	9 1	0 41	12 48	1 37	17 36	6 58	2 3	1 54	8 9	6 55	1 39
T 6	6 3	16 56	5 9	6 16	3 31	7 27	0 26	13 1	3 34	16 11	0 20	4 32	2 11	9 1	0 41	12 47	1 37	17 36	6 58	2 3	1 56	8 10	6 58	1 39
W 7	5 41	17 52	5 17	6 41	3 14	7 56	0 23	13 7	3 34	16 7	0 20	4 35	2 11	9 0	0 41	12 47	1 37	17 35	6 58	2 3	1 57	8 12	7 1	1 39
T 8	5 19	17 57	5 11	7 5	2 57	8 25	0 20	13 12	3 34	16 4	0 20	4 38	2 10	9 0	0 41	12 47	1 37	17 35	6 58	2 3	1 58	8 14	7 4	1 38
F 9	4 56	17 6	4 48	7 26	2 39	8 54	0 17	13 17	3 34	16 0	0 20	4 40	2 10	8 59	0 41	12 47	1 37	17 34	6 58	2 3	1 59	8 15	7 6	1 38
S 10	4 34	15 17	4 9	7 46	2 21	9 23	0 13	13 22	3 34	15 56	0 20	4 43	2 10	8 58	0 41	12 46	1 37	17 34	6 59	2 3	2 1	8 17	7 9	1 37
S 11	4 11	12 32	3 15	8 3	2 2	9 52	0 10	13 27	3 34	15 53	0 21	4 46	2 10	8 58	0 41	12 46	1 37	17 33	6 59	2 4	2 2	8 19	7 12	1 37
M12	3 49	8 59	2 7	8 17	1 44	10 21	0 7	13 31	3 33	15 49	0 21	4 48	2 10	8 57	0 41	12 46	1 37	17 33	6 59	2 4	2 3	8 20	7 15	1 37
T 13	3 26	4 47	0 49	8 27	1 25	10 49	0 3	13 36	3 33	15 46	0 21	4 51	2 10	8 56	0 41	12 45	1 37	17 32	6 59	2 4	2 4	8 22	7 17	1 36
W14	3 4	0 14	0n33	8 35	1 7	11 17	0s 0	13 40	3 33	15 42	0 21	4 54	2 10	8 56	0 41	12 45	1 37	17 32	6 59	2 4	2 6	8 23	7 20	1 36
T 15	2 41	4s22	1 53	8 40	0 50	11 45	0 4	13 44	3 33	15 38	0 21	4 56	2 10	8 55	0 41	12 44	1 37	17 31	6 59	2 4	2 7	8 25	7 23	1 36
F 16	2 18	8 41	3 6	8 40	0 33	12 13	0 7	13 48	3 32	15 35	0 21	4 59	2 10	8 54	0 41	12 44	1 37	17 31	6 59	2 4	2 8	8 27	7 26	1 35
S 17	1 55	12 24	4 6	8 38	0 16	12 40	0 11	13 52	3 32	15 31	0 21	5 2	2 10	8 53	0 41	12 44	1 37	17 30	6 59	2 4	2 9	8 28	7 29	1 35
S 18	1 32	15 17	4 48	8 32	0 1	13 7	0 14	13 56	3 31	15 28	0 21	5 4	2 10	8 53	0 41	12 43	1 37	17 30	7 0	2 4	2 11	8 30	7 32	1 34
M19	1 9	17 10	5 12	8 22	0n14	13 34	0 18	13 59	3 31	15 24	0 22	5 7	2 10	8 52	0 41	12 43	1 37	17 29	7 0	2 4	2 12	8 32	7 35	1 34
T 20	0 46	17 59	5 17	8 8	0 27	14 1	0 22	14 3	3 30	15 21	0 22	5 10	2 10	8 51	0 42	12 42	1 37	17 29	7 0	2 4	2 13	8 33	7 37	1 34
W21	0 23	17 44	5 4	7 52	0 40	14 27	0 25	14 6	3 30	15 17	0 22	5 13	2 10	8 50	0 42	12 42	1 37	17 28	7 0	2 4	2 14	8 35	7 40	1 33
T 22	0 1	16 32	4 36	7 31	0 51	14 53	0 29	14 9	3 29	15 14	0 22	5 15	2 10	8 50	0 42	12 42	1 37	17 28	7 0	2 4	2 16	8 37	7 43	1 33
F 23	0s22	14 29	3 53	7 8	1 2	15 19	0 33	14 12	3 28	15 10	0 22	5 18	2 10	8 49	0 42	12 41	1 37	17 28	7 0	2 4	2 17	8 38	7 46	1 33
S 24	0 45	11 48	3 1	6 41	1 11	15 44	0 36	14 14	3 27	15 7	0 22	5 21	2 10	8 48	0 42	12 41	1 37	17 27	7 1	2 3	2 18	8 40	7 49	1 32
S 25	1 8	8 36	2 0	6 12	1 20	16 9	0 40	14 17	3 26	15 3	0 22	5 24	2 9	8 47	0 42	12 40	1 37	17 27	7 1	2 3	2 19	8 41	7 52	1 32
M26	1 31	5 5	0 55	5 40	1 27	16 34	0 44	14 19	3 25	15 0	0 22	5 26	2 9	8 46	0 42	12 40	1 38	17 26	7 1	2 3	2 21	8 43	7 55	1 32
T 27	1 54	1 24	0s12	5 5	1 33	16 58	0 48	14 21	3 24	14 56	0 23	5 29	2 9	8 46	0 42	12 39	1 38	17 26	7 1	2 3	2 22	8 45	7 58	1 31
W28	2 17	2n19	1 17	4 29	1 38	17 22	0 52	14 24	3 23	14 53	0 23	5 32	2 9	8 45	0 42	12 39	1 38	17 26	7 1	2 3	2 23	8 46	8 1	1 31
T 29	2 40	5 54	2 19	3 50	1 42	17 45	0 56	14 25	3 22	14 49	0 23	5 35	2 9	8 44	0 42	12 39	1 38	17 25	7 1	2 3	2 24	8 48	8 4	1 31
F 30	3s 3	9n15	3s14	3n10	1n45	18s 9	0s59	14n27	3s21	14n46	0n23	5s38	2n 9	8n43	0s42	12n38	1s38	17n25	7n 2	2n 4	2n26	8n50	8s 7	1s30

Julian Day Number = 2885696.5, Delta T = 01h17m14s
Ecliptic obliquity = 23°16'59, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°23'14, Lahiri = 40°30'15

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ASTRODIENST EPHEMERIS for the year 3188
geocentric

OCTOBER 3188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 41 37	8♎42'37	14♉24	27♍55	19♏33	20♉15	21♌11	19♎44	24°R16	8°R16	1♍34	24°R44	23♍48	1♉ 7	17♎22	S 1
S 2	0 45 33	9°40'59	26°16	29°47	20°43	20°R15	21°22	19°51	24♈14	8♉14	1°36	24♍42	23°44	1°14	17°30	S 2
M 3	0 49 30	10°39'23	8♊12	1♎40	21°52	20°15	21°33	19°59	24°11	8°13	1°37	24°40	23°41	1°20	17°39	M 3
T 4	0 53 26	11°37'49	20°18	3°33	23° 2	20°14	21°44	20° 6	24° 9	8°12	1°39	24°38	23°38	1°27	17°48	T 4
W 5	0 57 23	12°36'17	2♋36	5°26	24°11	20°11	21°54	20°14	24° 7	8°10	1°40	24°37	23°35	1°34	17°56	W 5
T 6	1 1 19	13°34'47	15°10	7°19	25°20	20° 8	22° 5	20°21	24° 4	8° 9	1°42	24°D36	23°32	1°40	18° 5	T 6
F 7	1 5 16	14°33'19	28° 5	9°11	26°29	20° 4	22°16	20°29	24° 2	8° 7	1°43	24°37	23°28	1°47	18°13	F 7
S 8	1 9 12	15°31'53	11♌25	11° 4	27°38	20° 0	22°26	20°36	24° 0	8° 6	1°45	24°38	23°25	1°54	18°22	S 8
S 9	1 13 9	16°30'29	25°10	12°55	28°47	19°54	22°36	20°43	23°57	8° 4	1°46	24°39	23°22	2° 0	18°31	S 9
M10	1 17 6	17°29'08	9♍22	14°47	29°56	19°47	22°47	20°51	23°55	8° 3	1°47	24°41	23°19	2° 7	18°39	M10
T 11	1 21 2	18°27'48	24° 0	16°37	1♐ 5	19°40	22°57	20°58	23°52	8° 1	1°49	24°R41	23°16	2°14	18°48	T 11
W12	1 24 59	19°26'30	8♎57	18°27	2°14	19°32	23° 7	21° 6	23°50	7°59	1°50	24°41	23°13	2°20	18°57	W12
T 13	1 28 55	20°25'15	24° 7	20°15	3°22	19°22	23°17	21°13	23°48	7°58	1°51	24°39	23° 9	2°27	19° 5	T 13
F 14	1 32 52	21°24'01	9♏21	22° 3	4°31	19°13	23°26	21°21	23°45	7°56	1°52	24°36	23° 6	2°34	19°14	F 14
S 15	1 36 48	22°22'49	24°27	23°50	5°39	19° 2	23°36	21°28	23°43	7°55	1°54	24°32	23° 3	2°40	19°23	S 15
S 16	1 40 45	23°21'39	9♐17	25°37	6°47	18°50	23°46	21°36	23°40	7°53	1°55	24°28	23° 0	2°47	19°31	S 16
M17	1 44 41	24°20'31	23°45	27°22	7°55	18°38	23°55	21°43	23°38	7°52	1°56	24°25	22°57	2°54	19°40	M17
T 18	1 48 38	25°19'24	7♑46	29° 6	9° 3	18°25	24° 5	21°51	23°36	7°50	1°57	24°22	22°53	3° 0	19°49	T 18
W19	1 52 35	26°18'19	21°20	0♏50	10°11	18°12	24°14	21°58	23°33	7°48	1°59	24°D21	22°50	3° 7	19°57	W19
T 20	1 56 31	27°17'16	4♒28	2°32	11°19	17°57	24°23	22° 6	23°31	7°47	2° 0	24°21	22°47	3°14	20° 6	T 20
F 21	2 0 28	28°16'14	17°14	4°14	12°27	17°42	24°32	22°13	23°28	7°45	2° 1	24°22	22°44	3°21	20°14	F 21
S 22	2 4 24	29°15'14	29°42	5°55	13°34	17°27	24°41	22°20	23°26	7°43	2° 2	24°24	22°41	3°27	20°23	S 22
S 23	2 8 21	0♏14'15	11♓54	7°35	14°42	17°11	24°50	22°28	23°24	7°42	2° 3	24°25	22°38	3°34	20°32	S 23
M24	2 12 17	1°13'18	23°57	9°14	15°49	16°54	24°59	22°35	23°21	7°40	2° 4	24°R26	22°34	3°41	20°40	M24
T 25	2 16 14	2°12'24	5♈52	10°53	16°56	16°37	25° 7	22°43	23°19	7°38	2° 5	24°25	22°31	3°47	20°49	T 25
W26	2 20 10	3°11'31	17°43	12°30	18° 3	16°20	25°16	22°50	23°16	7°37	2° 6	24°23	22°28	3°54	20°57	W26
T 27	2 24 7	4°10'39	29°33	14° 7	19°10	16° 2	25°24	22°57	23°14	7°35	2° 7	24°18	22°25	4° 1	21° 6	T 27
F 28	2 28 3	5° 9'50	11♉23	15°43	20°17	15°44	25°32	23° 5	23°12	7°33	2° 8	24°12	22°22	4° 7	21°14	F 28
S 29	2 32 0	6° 9'03	23°15	17°19	21°23	15°26	25°40	23°12	23° 9	7°32	2° 9	24° 4	22°19	4°14	21°23	S 29
S 30	2 35 57	7° 8'18	5♊11	18°53	22°29	15° 7	25°48	23°19	23° 7	7°30	2°10	23°56	22°15	4°21	21°31	S 30
M31	2 39 53	8♏ 7'35	17♊13	20♏27	23♐36	14♉48	25♌56	23♎27	23♈ 5	7♉28	2♍11	23♍48	22♍12	4♉27	21♎40	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s26	12n13	4s 1	2n28	1n47	18s31	1s 3	14n29	3s20	14n43	0n23	5s40	2n 9	8n42	0s42	12n38	1s38	17n24	7n 2	2n 5	2n27	8n51	8s10	1s30
S 2	3 49	14 41	4 38	1 45	1 49	18 54	1 7	14 30	3 18	14 39	0 23	5 43	2 9	8 41	0 42	12 37	1 38	17 24	7 2	2 6	2 28	8 53	8 13	1 30
M 3	4 12	16 33	5 3	1 1	1 49	19 15	1 11	14 32	3 17	14 36	0 23	5 46	2 9	8 41	0 42	12 37	1 38	17 24	7 2	2 6	2 29	8 54	8 16	1 29
T 4	4 34	17 42	5 15	0 16	1 49	19 37	1 15	14 33	3 15	14 33	0 24	5 49	2 9	8 40	0 42	12 36	1 38	17 23	7 2	2 7	2 31	8 56	8 19	1 29
W 5	4 57	18 3	5 13	0s30	1 48	19 58	1 19	14 34	3 14	14 29	0 24	5 51	2 9	8 39	0 42	12 36	1 38	17 23	7 3	2 8	2 32	8 58	8 21	1 29
T 6	5 20	17 31	4 56	1 15	1 46	20 18	1 22	14 35	3 12	14 26	0 24	5 54	2 9	8 38	0 42	12 35	1 38	17 23	7 3	2 8	2 33	8 59	8 24	1 28
F 7	5 42	16 6	4 24	2 2	1 44	20 39	1 26	14 35	3 10	14 23	0 24	5 57	2 9	8 37	0 42	12 35	1 38	17 22	7 3	2 8	2 34	9 1	8 27	1 28
S 8	6 5	13 46	3 37	2 48	1 41	20 58	1 30	14 36	3 8	14 19	0 24	6 0	2 9	8 36	0 42	12 34	1 38	17 22	7 3	2 7	2 36	9 2	8 30	1 28
S 9	6 27	10 36	2 36	3 34	1 38	21 17	1 34	14 36	3 6	14 16	0 24	6 2	2 9	8 35	0 42	12 34	1 38	17 22	7 3	2 7	2 37	9 4	8 33	1 27
M10	6 49	6 43	1 23	4 21	1 34	21 36	1 38	14 37	3 4	14 13	0 24	6 5	2 9	8 34	0 42	12 33	1 38	17 21	7 4	2 6	2 38	9 6	8 36	1 27
T 11	7 11	2 19	0 4	5 7	1 30	21 54	1 42	14 37	3 2	14 10	0 25	6 8	2 9	8 34	0 42	12 33	1 38	17 21	7 4	2 6	2 39	9 7	8 39	1 27
W12	7 34	2s20	1n18	5 52	1 25	22 11	1 45	14 37	3 0	14 7	0 25	6 11	2 9	8 33	0 42	12 32	1 38	17 21	7 4	2 6	2 41	9 9	8 42	1 26
T 13	7 56	6 54	2 35	6 38	1 20	22 29	1 49	14 37	2 57	14 4	0 25	6 14	2 9	8 32	0 42	12 32	1 38	17 21	7 4	2 7	2 42	9 11	8 45	1 26
F 14	8 18	11 1	3 41	7 23	1 15	22 45	1 53	14 36	2 55	14 1	0 25	6 16	2 9	8 31	0 42	12 31	1 38	17 20	7 4	2 8	2 43	9 12	8 48	1 26
S 15	8 39	14 22	4 31	8 7	1 9	23 1	1 56	14 36	2 52	13 58	0 25	6 19	2 9	8 30	0 42	12 31	1 38	17 20	7 5	2 9	2 44	9 14	8 51	1 25
S 16	9 1	16 43	5 3	8 51	1 3	23 16	2 0	14 35	2 50	13 55	0 25	6 22	2 9	8 29	0 42	12 30	1 38	17 20	7 5	2 11	2 46	9 15	8 54	1 25
M17	9 23	17 55	5 13	9 35	0 57	23 31	2 4	14 35	2 47	13 52	0 25	6 24	2 9	8 28	0 42	12 29	1 38	17 20	7 5	2 12	2 47	9 17	8 57	1 25
T 18	9 44	17 59	5 5	10 17	0 51	23 46	2 7	14 34	2 44	13 49	0 26	6 27	2 9	8 27	0 42	12 29	1 38	17 19	7 5	2 13	2 48	9 19	9 0	1 25
W19	10 5	17 0	4 39	10 59	0 45	23 59	2 11	14 33	2 41	13 46	0 26	6 30	2 9	8 27	0 42	12 28	1 38	17 19	7 6	2 14	2 49	9 20	9 3	1 24
T 20	10 26	15 8	4 0	11 41	0 38	24 12	2 14	14 32	2 38	13 43	0 26	6 33	2 10	8 26	0 42	12 28	1 38	17 19	7 6	2 14	2 51	9 22	9 6	1 24
F 21	10 47	12 33	3 9	12 21	0 32	24 25	2 18	14 31	2 35	13 40	0 26	6 35	2 10	8 25	0 42	12 27	1 38	17 19	7 6	2 13	2 52	9 23	9 9	1 24
S 22	11 8	9 27	2 11	13 1	0 25	24 37	2 21	14 30	2 32	13 37	0 26	6 38	2 10	8 24	0 42	12 27	1 38	17 19	7 6	2 13	2 53	9 25	9 12	1 23
S 23	11 29	6 0	1 8	13 40	0 18	24 48	2 25	14 28	2 29	13 34	0 26	6 41	2 10	8 23	0 42	12 26	1 38	17 18	7 6	2 12	2 54	9 27	9 15	1 23
M24	11 49	2 21	0 3	14 18	0 11	24 59	2 28	14 27	2 26	13 32	0 27	6 43	2 10	8 22	0 42	12 26	1 38	17 18	7 7	2 12	2 56	9 28	9 18	1 23
T 25	12 10	1n22	1s 2	14 56	0 4	25 9	2 31	14 25	2 22	13 29	0 27	6 46	2 10	8 21	0 42	12 25	1 38	17 18	7 7	2 12	2 57	9 30	9 21	1 23
W26	12 30	5 0	2 3	15 32	0s 3	25 19	2 34	14 24	2 19	13 26	0 27	6 49	2 10	8 21	0 41	12 25	1 38	17 18	7 7	2 13	2 58	9 31	9 24	1 22
T 27	12 50	8 26	2 59	16 8	0 10	25 28	2 37	14 22	2 15	13 24	0 27	6 51	2 10	8 20	0 41	12 24	1 38	17 18	7 7	2 15	2 59	9 33	9 27	1 22
F 28	13 10	11 32	3 47	16 43	0 17	25 36	2 40	14 20	2 12	13 21	0 27	6 54	2 10	8 19	0 41	12 24	1 38	17 18	7 8	2 17	3 1	9 34	9 30	1 22
S 29	13 29	14 11	4 25	17 16	0 24	25 43	2 43	14 19	2 8	13 19	0 27	6 57	2 10	8 18	0 41	12 23	1 38	17 18	7 8	2 20	3 2	9 36	9 33	1 21
S 30	13 48	16 14	4 52	17 49	0 31	25 50	2 46	14 17	2 4	13 16	0 28	6 59	2 10	8 17	0 41	12 22	1 38	17 17	7 8	2 24	3 3	9 38	9 36	1 21
M31	14s 8	17n35	5s 6	18s21	0s38	25s57	2s49	14n15	2s 0	13n14	0n28	7s 2	2n10	8n16	0s41	12n22	1s38	17n17	7n 8	2n27	3n 4	9n39	9s38	1s21

Julian Day Number = 2885726.5, Delta T = 01h17m14s
Ecliptic obliquity = 23°16'59, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°23'18, Lahiri = 40°30'19

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ASTRODIENST EPHEMERIS for the year 3188
geocentric

NOVEMBER 3188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 43 50	9♏ 6'55	29♊23	22♏ 0	24♐42	14°R29	26♌ 4	23♎34	23°R 2	7°R27	2♍12	23°R41	22♍ 9	4♉34	21♎48	T 1
W 2	2 47 46	10° 6'16	11♋44	23°33	25°47	14♉10	26°11	23°41	23♈ 0	7♉25	2°13	23♍35	22° 6	4°41	21°57	W 2
T 3	2 51 43	11° 5'40	24°18	25° 5	26°53	13°51	26°18	23°49	22°58	7°23	2°13	23°32	22° 3	4°47	22° 5	T 3
F 4	2 55 39	12° 5'06	7♌ 9	26°36	27°58	13°31	26°26	23°56	22°56	7°22	2°14	23°D30	21°59	4°54	22°14	F 4
S 5	2 59 36	13° 4'34	20°20	28° 7	29° 4	13°12	26°33	24° 3	22°53	7°20	2°15	23°30	21°56	5° 1	22°22	S 5
S 6	3 3 32	14° 4'04	3♍55	29°37	0♑ 9	12°53	26°40	24°10	22°51	7°18	2°16	23°31	21°53	5° 7	22°30	S 6
M 7	3 7 29	15° 3'37	17°55	1♐ 6	1°14	12°34	26°47	24°17	22°49	7°17	2°17	23°R32	21°50	5°14	22°38	M 7
T 8	3 11 26	16° 3'11	2♎21	2°34	2°18	12°15	26°53	24°25	22°47	7°15	2°17	23°32	21°47	5°21	22°47	T 8
W 9	3 15 22	17° 2'48	17°10	4° 2	3°23	11°57	27° 0	24°32	22°45	7°13	2°18	23°30	21°44	5°27	22°55	W 9
T 10	3 19 19	18° 2'27	2♏16	5°30	4°27	11°39	27° 6	24°39	22°43	7°12	2°19	23°25	21°40	5°34	23° 3	T 10
F 11	3 23 15	19° 2'09	17°32	6°56	5°31	11°21	27°12	24°46	22°40	7°10	2°19	23°18	21°37	5°41	23°11	F 11
S 12	3 27 12	20° 1'52	2♐45	8°22	6°35	11° 3	27°18	24°53	22°38	7° 8	2°20	23°10	21°34	5°47	23°19	S 12
S 13	3 31 8	21° 1'37	17°46	9°47	7°38	10°46	27°24	25° 0	22°36	7° 7	2°20	23° 1	21°31	5°54	23°28	S 13
M14	3 35 5	22° 1'24	2♑25	11°12	8°42	10°30	27°30	25° 7	22°34	7° 5	2°21	22°52	21°28	6° 1	23°36	M14
T 15	3 39 1	23° 1'12	16°37	12°35	9°45	10°14	27°36	25°14	22°32	7° 4	2°21	22°45	21°25	6° 8	23°44	T 15
W16	3 42 58	24° 1'02	0♒19	13°58	10°47	9°58	27°41	25°21	22°30	7° 2	2°22	22°40	21°21	6°14	23°52	W16
T 17	3 46 55	25° 0'54	13°32	15°20	11°50	9°43	27°46	25°27	22°28	7° 0	2°22	22°38	21°18	6°21	24° 0	T 17
F 18	3 50 51	26° 0'47	26°19	16°40	12°52	9°29	27°52	25°34	22°27	6°59	2°23	22°D37	21°15	6°28	24° 7	F 18
S 19	3 54 48	27° 0'42	8♓44	18° 0	13°54	9°16	27°56	25°41	22°25	6°57	2°23	22°37	21°12	6°34	24°15	S 19
S 20	3 58 44	28° 0'38	20°53	19°19	14°55	9° 3	28° 1	25°48	22°23	6°56	2°24	22°R38	21° 9	6°41	24°23	S 20
M21	4 2 41	29° 0'36	2♈50	20°36	15°56	8°50	28° 6	25°54	22°21	6°54	2°24	22°37	21° 5	6°48	24°31	M21
T 22	4 6 37	0♐ 0'36	14°41	21°52	16°57	8°39	28°10	26° 1	22°19	6°53	2°24	22°35	21° 2	6°54	24°39	T 22
W23	4 10 34	1° 0'37	26°29	23° 6	17°57	8°28	28°14	26° 8	22°18	6°51	2°25	22°30	20°59	7° 1	24°46	W23
T 24	4 14 30	2° 0'40	8♉19	24°19	18°57	8°18	28°18	26°14	22°16	6°50	2°25	22°22	20°56	7° 8	24°54	T 24
F 25	4 18 27	3° 0'44	20°12	25°30	19°57	8° 9	28°22	26°21	22°14	6°48	2°25	22°11	20°53	7°14	25° 2	F 25
S 26	4 22 24	4° 0'50	2♊10	26°39	20°56	8° 0	28°26	26°27	22°13	6°47	2°25	21°59	20°50	7°21	25° 9	S 26
S 27	4 26 20	5° 0'58	14°15	27°46	21°55	7°53	28°30	26°34	22°11	6°45	2°26	21°45	20°46	7°28	25°17	S 27
M28	4 30 17	6° 1'08	26°28	28°50	22°53	7°46	28°33	26°40	22° 9	6°44	2°26	21°32	20°43	7°34	25°24	M28
T 29	4 34 13	7° 1'20	8♋49	29°51	23°51	7°39	28°36	26°46	22° 8	6°43	2°26	21°19	20°40	7°41	25°31	T 29
W30	4 38 10	8♐ 1'33	21♋20	0♑48	24♑49	7♉34	28♌39	26♎52	22♈ 6	6♉41	2♍26	21♍ 9	20♍37	7♉48	25♎39	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s26	18n10	5s 7	18s52	0s45	26s 2	2s52	14n13	1s57	13n11	0n28	7s 4	2n10	8n15	0s41	12n21	1s38	17n17	7n 9	2n30	3n 6	9n41	9s41	1s21
W 2	14 45	17 54	4 53	19 22	0 52	26 8	2 55	14 11	1 53	13 9	0 28	7 7	2 10	8 15	0 41	12 21	1 38	17 17	7 9	2 32	3 7	9 42	9 44	1 20
T 3	15 4	16 46	4 25	19 51	0 58	26 12	2 57	14 10	1 49	13 7	0 28	7 10	2 10	8 14	0 41	12 20	1 38	17 17	7 9	2 33	3 8	9 44	9 47	1 20
F 4	15 22	14 45	3 44	20 19	1 5	26 16	3 0	14 8	1 45	13 4	0 28	7 12	2 10	8 13	0 41	12 20	1 38	17 17	7 9	2 34	3 9	9 46	9 50	1 20
S 5	15 40	11 56	2 49	20 47	1 12	26 19	3 2	14 6	1 41	13 2	0 29	7 15	2 11	8 12	0 41	12 19	1 38	17 17	7 10	2 34	3 11	9 47	9 53	1 19
S 6	15 57	8 24	1 44	21 13	1 18	26 21	3 4	14 4	1 37	13 0	0 29	7 17	2 11	8 11	0 41	12 19	1 38	17 17	7 10	2 33	3 12	9 49	9 56	1 19
M 7	16 15	4 17	0 30	21 38	1 25	26 23	3 7	14 2	1 33	12 58	0 29	7 20	2 11	8 11	0 41	12 18	1 38	17 17	7 10	2 33	3 13	9 50	9 58	1 19
T 8	16 32	0s12	0n47	22 1	1 31	26 25	3 9	14 0	1 29	12 56	0 29	7 22	2 11	8 10	0 41	12 18	1 38	17 17	7 10	2 33	3 14	9 52	10 1	1 19
W 9	16 49	4 48	2 3	22 24	1 37	26 25	3 11	13 59	1 25	12 53	0 29	7 25	2 11	8 9	0 41	12 17	1 38	17 17	7 11	2 34	3 16	9 53	10 4	1 18
T 10	17 6	9 10	3 12	22 46	1 43	26 25	3 13	13 57	1 20	12 52	0 29	7 27	2 11	8 8	0 41	12 17	1 38	17 17	7 11	2 36	3 17	9 55	10 7	1 18
F 11	17 22	12 59	4 8	23 7	1 49	26 25	3 15	13 56	1 16	12 50	0 30	7 30	2 11	8 8	0 41	12 16	1 38	17 17	7 11	2 38	3 18	9 57	10 10	1 18
S 12	17 38	15 54	4 46	23 26	1 54	26 23	3 16	13 54	1 12	12 48	0 30	7 32	2 11	8 7	0 41	12 16	1 38	17 17	7 12	2 42	3 19	9 58	10 12	1 18
S 13	17 54	17 41	5 4	23 45	2 0	26 21	3 18	13 53	1 8	12 46	0 30	7 35	2 11	8 6	0 41	12 15	1 38	17 17	7 12	2 45	3 21	10 0	10 15	1 17
M14	18 9	18 15	5 1	24 2	2 5	26 19	3 19	13 51	1 4	12 44	0 30	7 37	2 11	8 5	0 41	12 15	1 38	17 17	7 12	2 49	3 22	10 1	10 18	1 17
T 15	18 24	17 38	4 39	24 18	2 10	26 16	3 21	13 50	1 0	12 42	0 30	7 39	2 12	8 5	0 41	12 14	1 38	17 17	7 12	2 52	3 23	10 3	10 21	1 17
W16	18 39	16 0	4 2	24 33	2 15	26 12	3 22	13 49	0 56	12 41	0 31	7 42	2 12	8 4	0 41	12 14	1 38	17 17	7 13	2 53	3 24	10 4	10 23	1 17
T 17	18 54	13 34	3 13	24 47	2 19	26 8	3 23	13 48	0 52	12 39	0 31	7 44	2 12	8 3	0 41	12 13	1 38	17 17	7 13	2 54	3 26	10 6	10 26	1 16
F 18	19 8	10 32	2 16	25 0	2 23	26 3	3 24	13 48	0 48	12 37	0 31	7 46	2 12	8 3	0 41	12 13	1 38	17 17	7 13	2 55	3 27	10 8	10 29	1 16
S 19	19 22	7 6	1 14	25 11	2 27	25 57	3 25	13 47	0 44	12 36	0 31	7 49	2 12	8 2	0 41	12 12	1 38	17 18	7 13	2 55	3 28	10 9	10 31	1 16
S 20	19 35	3 27	0 9	25 21	2 30	25 51	3 25	13 47	0 40	12 34	0 31	7 51	2 12	8 1	0 41	12 12	1 38	17 18	7 14	2 54	3 29	10 11	10 34	1 16
M21	19 48	0n17	0s54	25 30	2 34	25 45	3 26	13 46	0 37	12 33	0 32	7 53	2 12	8 1	0 41	12 11	1 38	17 18	7 14	2 55	3 31	10 12	10 37	1 15
T 22	20 1	3 59	1 55	25 38	2 36	25 37	3 26	13 46	0 33	12 32	0 32	7 55	2 12	8 0	0 41	12 11	1 38	17 18	7 14	2 56	3 32	10 14	10 39	1 15
W23	20 14	7 31	2 50	25 45	2 39	25 30	3 26	13 47	0 29	12 30	0 32	7 58	2 13	7 59	0 41	12 10	1 38	17 18	7 14	2 57	3 33	10 15	10 42	1 15
T 24	20 26	10 45	3 38	25 50	2 41	25 21	3 26	13 47	0 25	12 29	0 32	8 0	2 13	7 59	0 41	12 10	1 38	17 18	7 15	3 1	3 34	10 17	10 44	1 15
F 25	20 37	13 34	4 16	25 54	2 42	25 13	3 26	13 47	0 22	12 28	0 32	8 2	2 13	7 58	0 41	12 9	1 38	17 18	7 15	3 5	3 36	10 19	10 47	1 14
S 26	20 49	15 50	4 43	25 57	2 43	25 3	3 26	13 48	0 18	12 27	0 33	8 4	2 13	7 58	0 41	12 9	1 38	17 19	7 15	3 10	3 37	10 20	10 49	1 14
S 27	21 0	17 25	4 58	25 59	2 43	24 54	3 26	13 49	0 15	12 26	0 33	8 6	2 13	7 57	0 41	12 8	1 38	17 19	7 16	3 15	3 38	10 22	10 52	1 14
M28	21 10	18 15	5 0	25 59	2 43	24 43	3 25	13 50	0 11	12 25	0 33	8 9	2 13	7 57	0 41	12 8	1 38	17 19	7 16	3 20	3 39	10 23	10 54	1 14
T 29	21 20	18 13	4 47	25 59	2 42	24 33	3 24	13 51	0 8	12 24	0 33	8 11	2 13	7 56	0 41	12 8	1 38	17 19	7 16	3 25	3 41	10 25	10 57	1 13
W30	21s30	17n19	4s21	25s57	2s40	24s21	3s23	13n53	0s 4	12n23	0n33	8s13	2n14	7n55	0s41	12n 7	1s38	17n19	7n16	3n29	3n42	10n26	10s59	1s13

Julian Day Number = 2885757.5, Delta T = 01h17m15s
Ecliptic obliquity = 23°16'59, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°23'23, Lahiri = 40°30'23

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ASTRODIENST EPHEMERIS for the year 3188
geocentric

DECEMBER 3188 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 42 6	9♐ 1'48	4♌ 2	1♑43	25♑46	7°R30	28♌42	26♎59	22°R 5	6°R40	2♍26	21°R 2	20♍34	7♉54	25♎46	T 1
F 2	4 46 3	10° 2'05	16°57	2°33	26°42	7♉26	28°45	27° 5	22♈ 4	6♉38	2°26	20♍58	20°31	8° 1	25°53	F 2
S 3	4 49 59	11° 2'24	0♍ 7	3°18	27°38	7°23	28°47	27°11	22° 2	6°37	2°R26	20°56	20°27	8° 8	26° 0	S 3
S 4	4 53 56	12° 2'45	13°35	3°58	28°33	7°21	28°49	27°17	22° 1	6°36	2°26	20°56	20°24	8°15	26° 7	S 4
M 5	4 57 53	13° 3'08	27°23	4°32	29°28	7°20	28°51	27°23	22° 0	6°35	2°26	20°56	20°21	8°21	26°14	M 5
T 6	5 1 49	14° 3'33	11♎33	5° 0	0♒22	7°D19	28°53	27°29	21°58	6°33	2°26	20°55	20°18	8°28	26°21	T 6
W 7	5 5 46	15° 3'59	26° 3	5°20	1°16	7°19	28°55	27°35	21°57	6°32	2°26	20°51	20°15	8°35	26°28	W 7
T 8	5 9 42	16° 4'27	10♏52	5°32	2° 9	7°20	28°56	27°40	21°56	6°31	2°26	20°45	20°11	8°41	26°35	T 8
F 9	5 13 39	17° 4'57	25°51	5°R36	3° 1	7°22	28°58	27°46	21°55	6°30	2°26	20°36	20° 8	8°48	26°42	F 9
S 10	5 17 35	18° 5'29	10♐54	5°30	3°53	7°25	28°59	27°52	21°54	6°29	2°25	20°25	20° 5	8°55	26°48	S 10
S 11	5 21 32	19° 6'02	25°49	5°14	4°44	7°28	29° 0	27°58	21°53	6°27	2°25	20°13	20° 2	9° 1	26°55	S 11
M12	5 25 28	20° 6'37	10♑28	4°47	5°34	7°32	29° 0	28° 3	21°52	6°26	2°25	20° 1	19°59	9° 8	27° 2	M12
T 13	5 29 25	21° 7'13	24°42	4°10	6°23	7°37	29° 1	28° 9	21°51	6°25	2°25	19°51	19°56	9°15	27° 8	T 13
W14	5 33 22	22° 7'50	8♒30	3°22	7°12	7°43	29° 1	28°14	21°50	6°24	2°24	19°44	19°52	9°21	27°14	W14
T 15	5 37 18	23° 8'28	21°48	2°24	8° 0	7°50	29°R 1	28°19	21°50	6°23	2°24	19°39	19°49	9°28	27°21	T 15
F 16	5 41 15	24° 9'07	4♓39	1°17	8°47	7°57	29° 1	28°25	21°49	6°22	2°24	19°37	19°46	9°35	27°27	F 16
S 17	5 45 11	25° 9'47	17° 8	0° 2	9°33	8° 5	29° 1	28°30	21°48	6°21	2°23	19°36	19°43	9°42	27°33	S 17
S 18	5 49 8	26°10'28	29°18	28♗43	10°18	8°13	29° 0	28°35	21°47	6°20	2°23	19°36	19°40	9°48	27°39	S 18
M19	5 53 4	27°11'10	11♈16	27°20	11° 1	8°23	29° 0	28°40	21°47	6°19	2°23	19°36	19°37	9°55	27°45	M19
T 20	5 57 1	28°11'54	23° 6	25°58	11°44	8°33	28°59	28°45	21°46	6°18	2°22	19°33	19°33	10° 2	27°51	T 20
W21	6 0 58	29°12'38	4♉55	24°38	12°26	8°43	28°58	28°50	21°46	6°17	2°22	19°28	19°30	10° 8	27°57	W21
T 22	6 4 54	0♑13'23	16°46	23°24	13° 7	8°54	28°56	28°55	21°45	6°17	2°21	19°21	19°27	10°15	28° 3	T 22
F 23	6 8 51	1°14'09	28°43	22°18	13°46	9° 6	28°55	28°59	21°45	6°16	2°21	19°10	19°24	10°22	28° 8	F 23
S 24	6 12 47	2°14'56	10♊49	21°21	14°25	9°19	28°53	29° 4	21°44	6°15	2°20	18°57	19°21	10°28	28°14	S 24
S 25	6 16 44	3°15'43	23° 4	20°34	15° 1	9°32	28°51	29° 9	21°44	6°14	2°19	18°44	19°17	10°35	28°19	S 25
M26	6 20 40	4°16'32	5♋31	19°59	15°37	9°46	28°49	29°13	21°44	6°14	2°19	18°30	19°14	10°42	28°25	M26
T 27	6 24 37	5°17'22	18° 9	19°35	16°11	10° 0	28°47	29°17	21°44	6°13	2°18	18°17	19°11	10°48	28°30	T 27
W28	6 28 33	6°18'13	0♌58	19°23	16°44	10°15	28°45	29°22	21°43	6°12	2°18	18° 7	19° 8	10°55	28°35	W28
T 29	6 32 30	7°19'05	13°57	19°D21	17°15	10°30	28°42	29°26	21°43	6°12	2°17	18° 0	19° 5	11° 2	28°41	T 29
F 30	6 36 27	8°19'58	27° 8	19°29	17°45	10°46	28°39	29°30	21°43	6°11	2°16	17°55	19° 2	11° 9	28°46	F 30
S 31	6 40 23	9♑20'53	10♍29	19♗46	18♒13	11♉ 3	28♌36	29♎34	21°D43	6♉10	2♍15	17♍53	18♍58	11♉15	28♎51	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s40	15n32	3 s41	25 s54	2 s37	24 s10	3 s22	13n54	0 s 1	12n22	0n34	8 s15	2n14	7n55	0 s41	12n 7	1 s38	17n20	7n17	3n32	3n43	10n28	11 s 2	1 s13
F 2	21 49	12 58	2 49	25 50	2 34	23 58	3 21	13 56	0n 2	12 22	0 34	8 17	2 14	7 54	0 41	12 6	1 38	17 20	7 17	3 34	3 44	10 29	11 4	1 13
S 3	21 57	9 41	1 48	25 44	2 30	23 45	3 19	13 58	0 5	12 21	0 34	8 19	2 14	7 54	0 41	12 6	1 38	17 20	7 17	3 34	3 45	10 31	11 6	1 13
S 4	22 5	5 49	0 39	25 38	2 24	23 32	3 17	14 0	0 8	12 21	0 34	8 21	2 14	7 54	0 41	12 5	1 38	17 20	7 17	3 34	3 47	10 32	11 9	1 12
M 5	22 13	1 33	0n34	25 30	2 18	23 19	3 15	14 3	0 11	12 20	0 34	8 23	2 15	7 53	0 41	12 5	1 38	17 21	7 18	3 34	3 48	10 34	11 11	1 12
T 6	22 20	2 s54	1 47	25 22	2 10	23 5	3 13	14 5	0 14	12 20	0 35	8 25	2 15	7 53	0 41	12 5	1 38	17 21	7 18	3 35	3 49	10 36	11 13	1 12
W 7	22 27	7 17	2 54	25 12	2 1	22 51	3 11	14 8	0 17	12 19	0 35	8 27	2 15	7 52	0 40	12 4	1 38	17 21	7 18	3 36	3 50	10 37	11 16	1 12
T 8	22 34	11 19	3 51	25 1	1 51	22 36	3 8	14 11	0 20	12 19	0 35	8 28	2 15	7 52	0 40	12 4	1 38	17 21	7 19	3 39	3 52	10 39	11 18	1 11
F 9	22 40	14 40	4 33	24 49	1 40	22 21	3 5	14 14	0 23	12 19	0 35	8 30	2 15	7 52	0 40	12 4	1 38	17 22	7 19	3 42	3 53	10 40	11 20	1 11
S 10	22 45	17 3	4 56	24 37	1 26	22 6	3 2	14 18	0 25	12 18	0 35	8 32	2 15	7 51	0 40	12 3	1 37	17 22	7 19	3 46	3 54	10 42	11 22	1 11
S 11	22 50	18 14	4 59	24 23	1 12	21 51	2 59	14 21	0 28	12 18	0 36	8 34	2 16	7 51	0 40	12 3	1 37	17 22	7 19	3 51	3 55	10 43	11 24	1 11
M12	22 55	18 12	4 42	24 8	0 56	21 35	2 55	14 25	0 30	12 18	0 36	8 36	2 16	7 51	0 40	12 3	1 37	17 23	7 20	3 56	3 57	10 45	11 27	1 10
T 13	22 59	16 59	4 7	23 52	0 39	21 19	2 51	14 29	0 33	12 18	0 36	8 37	2 16	7 50	0 40	12 2	1 37	17 23	7 20	4 0	3 58	10 46	11 29	1 10
W14	23 3	14 49	3 19	23 34	0 20	21 3	2 47	14 33	0 35	12 18	0 36	8 39	2 16	7 50	0 40	12 2	1 37	17 23	7 20	4 3	3 59	10 48	11 31	1 10
T 15	23 6	11 55	2 21	23 16	0 1	20 46	2 43	14 37	0 38	12 19	0 36	8 41	2 16	7 50	0 40	12 2	1 37	17 24	7 20	4 4	4 0	10 49	11 33	1 10
F 16	23 9	8 31	1 18	22 57	0n19	20 30	2 38	14 42	0 40	12 19	0 37	8 43	2 17	7 49	0 40	12 1	1 37	17 24	7 21	4 5	4 2	10 51	11 35	1 10
S 17	23 12	4 51	0 13	22 37	0 40	20 13	2 33	14 46	0 42	12 19	0 37	8 44	2 17	7 49	0 40	12 1	1 37	17 25	7 21	4 5	4 3	10 52	11 37	1 9
S 18	23 14	1 4	0 s51	22 17	1 0	19 56	2 28	14 51	0 44	12 20	0 37	8 46	2 17	7 49	0 40	12 1	1 37	17 25	7 21	4 5	4 4	10 54	11 39	1 9
M19	23 15	2n42	1 52	21 56	1 19	19 38	2 23	14 56	0 46	12 20	0 37	8 47	2 17	7 49	0 40	12 1	1 37	17 25	7 22	4 6	4 5	10 56	11 41	1 9
T 20	23 16	6 20	2 47	21 36	1 37	19 21	2 17	15 1	0 48	12 20	0 38	8 49	2 17	7 49	0 40	12 0	1 37	17 26	7 22	4 7	4 7	10 57	11 43	1 9
W21	23 17	9 41	3 35	21 17	1 54	19 4	2 11	15 7	0 50	12 21	0 38	8 50	2 18	7 48	0 40	12 0	1 37	17 26	7 22	4 9	4 8	10 59	11 44	1 8
T 22	23 17	12 40	4 14	20 59	2 8	18 46	2 5	15 12	0 52	12 22	0 38	8 52	2 18	7 48	0 40	12 0	1 37	17 27	7 22	4 12	4 9	11 0	11 46	1 8
F 23	23 17	15 9	4 42	20 43	2 21	18 28	1 58	15 18	0 54	12 22	0 38	8 53	2 18	7 48	0 40	12 0	1 37	17 27	7 23	4 16	4 10	11 2	11 48	1 8
S 24	23 16	17 0	4 58	20 30	2 31	18 11	1 51	15 23	0 56	12 23	0 38	8 55	2 18	7 48	0 40	11 59	1 37	17 27	7 23	4 21	4 11	11 3	11 50	1 8
S 25	23 15	18 7	5 0	20 19	2 38	17 53	1 44	15 29	0 58	12 24	0 39	8 56	2 19	7 48	0 40	11 59	1 37	17 28	7 23	4 26	4 13	11 5	11 52	1 7
M26	23 13	18 23	4 48	20 11	2 44	17 35	1 36	15 35	1 0	12 25	0 39	8 57	2 19	7 48	0 40	11 59	1 37	17 28	7 23	4 31	4 14	11 6	11 53	1 7
T 27	23 11	17 45	4 21	20 6	2 47	17 17	1 28	15 41	1 1	12 26	0 39	8 59	2 19	7 48	0 40	11 59	1 37	17 29	7 24	4 36	4 15	11 8	11 55	1 7
W28	23 8	16 12	3 42	20 4	2 49	17 0	1 20	15 47	1 3	12 27	0 39	9 0	2 19	7 48	0 40	11 59	1 37	17 29	7 24	4 40	4 16	11 9	11 57	1 7
T 29	23 5	13 49	2 50	20 4	2 48	16 42	1 12	15 54	1 4	12 28	0 39	9 1	2 19	7 48	0 40	11 59	1 37	17 30	7 24	4 43	4 18	11 11	11 58	1 7
F 30	23 1	10 42	1 48	20 6	2 47	16 24	1 3	16 0	1 6	12 29	0 40	9 3	2 20	7 48	0 40	11 58	1 37	17 30	7 24	4 45	4 19	11 12	12 0	1 6
S 31	22 s57	6n59	0 s39	20 s10	2n44	16 s 7	0 s53	16n 7	1n 7	12n31	0n40	9 s 4	2n20	7n48	0 s40	11n58	1 s37	17n31	7n25	4n45	4n20	11n14	12 s 1	1 s 6

Julian Day Number = 2885787.5, Delta T = 01h17m16s
Ecliptic obliquity = 23°16'58, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°23'27, Lahiri = 40°30'27

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ASTRODIENST EPHEMERIS for the year 3189
geocentric

JANUARY 3189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 44 20	10♑21'48	24♍ 2	20♐12	18♒39	11♉20	28°R33	29♎38	21♈43	6°R10	2°R15	17°D53	18♍55	11♉22	28♎56	S 1
M 2	6 48 16	11°22'44	7♎49	20°45	19° 4	11°37	28♌29	29°42	21°43	6♉ 9	2♍14	17°R54	18°52	11°29	29° 0	M 2
T 3	6 52 13	12°23'41	21°49	21°25	19°27	11°55	28°26	29°46	21°44	6° 9	2°13	17♍53	18°49	11°35	29° 5	T 3
W 4	6 56 9	13°24'40	6♏ 3	22°11	19°48	12°14	28°22	29°50	21°44	6° 9	2°12	17°51	18°46	11°42	29°10	W 4
T 5	7 0 6	14°25'39	20°28	23° 3	20° 7	12°32	28°18	29°53	21°44	6° 8	2°11	17°47	18°42	11°49	29°14	T 5
F 6	7 4 2	15°26'40	5♐ 2	23°59	20°24	12°52	28°14	29°57	21°44	6° 8	2°11	17°40	18°39	11°55	29°18	F 6
S 7	7 7 59	16°27'41	19°39	24°59	20°39	13°12	28°10	0♏ 0	21°45	6° 7	2°10	17°31	18°36	12° 2	29°23	S 7
S 8	7 11 56	17°28'44	4♑12	26° 3	20°52	13°32	28° 5	0° 4	21°45	6° 7	2° 9	17°20	18°33	12° 9	29°27	S 8
M 9	7 15 52	18°29'46	18°33	27°10	21° 2	13°53	28° 0	0° 7	21°46	6° 7	2° 8	17°10	18°30	12°15	29°31	M 9
T 10	7 19 49	19°30'50	2♒36	28°20	21°11	14°14	27°56	0°10	21°46	6° 7	2° 7	17° 2	18°27	12°22	29°35	T 10
W11	7 23 45	20°31'53	16°18	29°32	21°17	14°35	27°51	0°13	21°47	6° 6	2° 6	16°55	18°23	12°29	29°39	W11
T 12	7 27 42	21°32'57	29°34	0♑46	21°21	14°57	27°45	0°16	21°47	6° 6	2° 5	16°51	18°20	12°36	29°43	T 12
F 13	7 31 38	22°34'02	12♓27	2° 3	21°R22	15°20	27°40	0°19	21°48	6° 6	2° 4	16°D50	18°17	12°42	29°46	F 13
S 14	7 35 35	23°35'06	24°59	3°20	21°21	15°42	27°35	0°22	21°49	6° 6	2° 3	16°50	18°14	12°49	29°50	S 14
S 15	7 39 31	24°36'10	7♈12	4°40	21°17	16° 5	27°29	0°24	21°49	6° 6	2° 2	16°51	18°11	12°56	29°53	S 15
M16	7 43 28	25°37'15	19°13	6° 0	21°11	16°29	27°23	0°27	21°50	6°D 6	2° 1	16°52	18° 8	13° 2	29°57	M16
T 17	7 47 25	26°38'19	1♉ 5	7°22	21° 2	16°53	27°17	0°29	21°51	6° 6	2° 0	16°R52	18° 4	13° 9	29°59	T 17
W18	7 51 21	27°39'24	12°56	8°45	20°51	17°17	27°11	0°32	21°52	6° 6	1°58	16°51	18° 1	13°16	0♏ 3	W18
T 19	7 55 18	28°40'28	24°48	10° 9	20°38	17°41	27° 5	0°34	21°53	6° 6	1°57	16°47	17°58	13°22	0° 6	T 19
F 20	7 59 14	29°41'33	6♊48	11°34	20°21	18° 6	26°59	0°36	21°54	6° 6	1°56	16°41	17°55	13°29	0° 9	F 20
S 21	8 3 11	0♒42'37	18°58	12°59	20° 3	18°31	26°52	0°38	21°55	6° 6	1°55	16°34	17°52	13°36	0°12	S 21
S 22	8 7 7	1°43'42	1♋22	14°26	19°42	18°57	26°46	0°40	21°56	6° 7	1°54	16°26	17°48	13°43	0°14	S 22
M23	8 11 4	2°44'46	14° 1	15°52	19°19	19°22	26°39	0°42	21°57	6° 7	1°53	16°17	17°45	13°49	0°17	M23
T 24	8 15 0	3°45'50	26°56	17°20	18°53	19°48	26°32	0°44	21°58	6° 7	1°51	16°10	17°42	13°56	0°19	T 24
W25	8 18 57	4°46'54	10♌ 5	18°48	18°26	20°15	26°25	0°45	22° 0	6° 7	1°50	16° 3	17°39	14° 3	0°22	W25
T 26	8 22 54	5°47'58	23°29	20°17	17°57	20°41	26°18	0°47	22° 1	6° 8	1°49	15°59	17°36	14° 9	0°24	T 26
F 27	8 26 50	6°49'02	7♍ 4	21°46	17°26	21° 8	26°11	0°48	22° 2	6° 8	1°48	15°57	17°33	14°16	0°26	F 27
S 28	8 30 47	7°50'06	20°48	23°16	16°53	21°35	26° 4	0°50	22° 4	6° 9	1°47	15°D57	17°29	14°23	0°28	S 28
S 29	8 34 43	8°51'10	4♎41	24°46	16°19	22° 2	25°56	0°51	22° 5	6° 9	1°45	15°58	17°26	14°29	0°30	S 29
M30	8 38 40	9°52'14	18°41	26°17	15°44	22°30	25°49	0°52	22° 7	6° 9	1°44	15°59	17°23	14°36	0°31	M30
T 31	8 42 36	10♒53'19	2♏45	27♑48	15♒ 9	22♉58	25♌41	0♏53	22♈ 8	6♉10	1♍43	16♍ 0	17♍20	14♉43	0♏33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22s53	2n51	0n33	20s16	2n40	15s50	0s43	16n13	1n 9	12n32	0n40	9s 5	2n20	7n48	0s40	11n58	1s37	17n31	7n25	4n45	4n21	11n15	12s 3	1s	6
M 2	22 48	1s29	1 44	20 24	2 35	15 32	0 33	16 20	1 10	12 33	0 40	9 6	2 20	7 48	0 40	11 58	1 36	17 32	7 25	4 45	4 23	11 17	12 4	1	6
T 3	22 43	5 49	2 50	20 32	2 29	15 15	0 23	16 27	1 12	12 35	0 41	9 7	2 21	7 48	0 39	11 58	1 36	17 32	7 25	4 45	4 24	11 18	12 6	1	5
W 4	22 37	9 52	3 47	20 41	2 22	14 58	0 12	16 34	1 13	12 36	0 41	9 8	2 21	7 48	0 39	11 58	1 36	17 33	7 25	4 46	4 25	11 20	12 7	1	5
T 5	22 30	13 24	4 30	20 51	2 15	14 42	0 1	16 41	1 14	12 38	0 41	9 9	2 21	7 48	0 39	11 58	1 36	17 33	7 26	4 48	4 26	11 21	12 9	1	5
F 6	22 24	16 8	4 57	21 1	2 8	14 26	0n11	16 48	1 15	12 39	0 41	9 10	2 21	7 49	0 39	11 58	1 36	17 34	7 26	4 51	4 28	11 23	12 10	1	5
S 7	22 17	17 50	5 4	21 11	2 0	14 10	0 23	16 55	1 17	12 41	0 41	9 11	2 22	7 49	0 39	11 58	1 36	17 34	7 26	4 54	4 29	11 24	12 11	1	5
S 8	22 9	18 22	4 51	21 21	1 52	13 54	0 35	17 2	1 18	12 43	0 42	9 12	2 22	7 49	0 39	11 58	1 36	17 35	7 26	4 58	4 30	11 26	12 13	1	4
M 9	22 1	17 43	4 20	21 31	1 44	13 38	0 48	17 9	1 19	12 45	0 42	9 13	2 22	7 49	0 39	11 58	1 36	17 35	7 27	5 2	4 31	11 27	12 14	1	4
T 10	21 52	15 59	3 34	21 41	1 36	13 23	1 1	17 17	1 20	12 46	0 42	9 14	2 22	7 49	0 39	11 57	1 36	17 36	7 27	5 5	4 33	11 29	12 15	1	4
W11	21 44	13 22	2 36	21 50	1 27	13 9	1 14	17 24	1 21	12 48	0 42	9 15	2 23	7 50	0 39	11 57	1 36	17 37	7 27	5 8	4 34	11 30	12 16	1	4
T 12	21 34	10 7	1 31	21 58	1 19	12 55	1 28	17 31	1 22	12 50	0 42	9 15	2 23	7 50	0 39	11 57	1 36	17 37	7 27	5 9	4 35	11 32	12 17	1	3
F 13	21 24	6 29	0 23	22 6	1 10	12 41	1 42	17 39	1 23	12 52	0 43	9 16	2 23	7 50	0 39	11 57	1 36	17 38	7 27	5 10	4 36	11 33	12 18	1	3
S 14	21 14	2 39	0s44	22 13	1 2	12 28	1 56	17 46	1 24	12 54	0 43	9 17	2 24	7 50	0 39	11 57	1 36	17 38	7 28	5 10	4 37	11 35	12 19	1	3
S 15	21 4	1n12	1 47	22 19	0 53	12 15	2 10	17 54	1 25	12 56	0 43	9 18	2 24	7 51	0 39	11 58	1 36	17 39	7 28	5 10	4 39	11 36	12 20	1	3
M16	20 53	4 55	2 45	22 24	0 45	12 3	2 25	18 1	1 26	12 59	0 43	9 18	2 24	7 51	0 39	11 58	1 36	17 39	7 28	5 9	4 40	11 38	12 21	1	2
T 17	20 41	8 24	3 35	22 28	0 37	11 51	2 40	18 9	1 26	13 1	0 43	9 19	2 24	7 51	0 39	11 58	1 36	17 40	7 28	5 9	4 41	11 39	12 22	1	2
W18	20 30	11 33	4 16	22 31	0 28	11 40	2 56	18 17	1 27	13 3	0 44	9 19	2 25	7 52	0 39	11 58	1 36	17 41	7 28	5 10	4 42	11 41	12 23	1	2
T 19	20 17	14 13	4 46	22 34	0 20	11 30	3 11	18 24	1 28	13 5	0 44	9 20	2 25	7 52	0 39	11 58	1 36	17 41	7 29	5 11	4 44	11 42	12 24	1	2
F 20	20 5	16 19	5 3	22 35	0 12	11 20	3 26	18 32	1 29	13 8	0 44	9 20	2 25	7 53	0 39	11 58	1 36	17 42	7 29	5 13	4 45	11 44	12 25	1	1
S 21	19 52	17 43	5 8	22 35	0 4	11 11	3 42	18 40	1 30	13 10	0 44	9 21	2 25	7 53	0 39	11 58	1 36	17 42	7 29	5 16	4 46	11 45	12 25	1	1
S 22	19 39	18 19	4 58	22 34	0s 3	11 3	3 57	18 47	1 30	13 12	0 44	9 21	2 26	7 53	0 39	11 58	1 35	17 43	7 29	5 19	4 47	11 47	12 26	1	1
M23	19 25	18 1	4 33	22 32	0 11	10 55	4 13	18 55	1 31	13 15	0 44	9 22	2 26	7 54	0 39	11 58	1 35	17 44	7 29	5 23	4 49	11 48	12 27	1	1
T 24	19 11	16 48	3 54	22 28	0 18	10 48	4 28	19 3	1 32	13 17	0 45	9 22	2 26	7 54	0 39	11 58	1 35	17 44	7 30	5 26	4 50	11 49	12 27	1	1
W25	18 57	14 41	3 2	22 24	0 26	10 42	4 43	19 10	1 32	13 20	0 45	9 22	2 27	7 55	0 39	11 58	1 35	17 45	7 30	5 28	4 51	11 51	12 28	1	0
T 26	18 42	11 44	1 59	22 18	0 33	10 37	4 58	19 18	1 33	13 22	0 45	9 23	2 27	7 55	0 39	11 59	1 35	17 45	7 30	5 30	4 52	11 52	12 28	1	0
F 27	18 27	8 7	0 48	22 11	0 39	10 32	5 13	19 26	1 33	13 25	0 45	9 23	2 27	7 56	0 39	11 59	1 35	17 46	7 30	5 30	4 53	11 54	12 29	1	0
S 28	18 11	4 2	0n26	22 3	0 46	10 28	5 27	19 33	1 34	13 28	0 45	9 23	2 27	7 57	0 39	11 59	1 35	17 47	7 30	5 31	4 55	11 55	12 29	1	0
S 29	17 56	0s19	1 40	21 54	0 53	10 25	5 41	19 41	1 35	13 30	0 45	9 23	2 28	7 57	0 38	11 59	1 35	17 47	7 30	5 30	4 56	11 57	12 30	0	59
M30	17 40	4 40	2 49	21 43	0 59	10 22	5 54	19 48	1 35	13 33	0 46	9 23	2 28	7 58	0 38	11 59	1 35	17 48	7 31	5 30	4 57	11 58	12 30	0	59
T 31	17s23	8s47	3n48	21s32	1s 5	10s20	6n 7	19n56	1n36	13n36	0n46	9s23	2n28	7n58	0s38	12n 0	1s35	17n48	7n31	5n29	4n58	12n 0	12s31	0s	59

Julian Day Number = 2885818.5, Delta T = 01h17m16s
Ecliptic obliquity = 23°16'58, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°23'31, Lahiri = 40°30'32

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ASTRODIENST EPHEMERIS for the year 3189
geocentric

FEBRUARY 3189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 46 33	11♒54'23	16♏54	29♉20	14°R32	23♉26	25°R34	0♏54	22♈10	6♉10	1°R41	16°R 1	17♍17	14♉50	0♏35	W 1
T 2	8 50 29	12°55'27	1♐ 5	0♒52	13♒56	23°54	25♌26	0°55	22°12	6°11	1♍40	15♍59	17°14	14°56	0°36	T 2
F 3	8 54 26	13°56'32	15°17	2°25	13°19	24°23	25°18	0°55	22°13	6°12	1°39	15°56	17°10	15° 3	0°37	F 3
S 4	8 58 23	14°57'36	29°25	3°58	12°42	24°51	25°11	0°56	22°15	6°12	1°37	15°52	17° 7	15°10	0°38	S 4
S 5	9 2 19	15°58'40	13♉28	5°32	12° 6	25°20	25° 3	0°56	22°17	6°13	1°36	15°48	17° 4	15°16	0°39	S 5
M 6	9 6 16	16°59'44	27°20	7° 6	11°30	25°49	24°55	0°57	22°19	6°14	1°35	15°43	17° 1	15°23	0°40	M 6
T 7	9 10 12	18° 0'47	10♒59	8°41	10°55	26°19	24°47	0°57	22°20	6°14	1°33	15°39	16°58	15°30	0°41	T 7
W 8	9 14 9	19° 1'50	24°22	10°17	10°22	26°48	24°39	0°57	22°22	6°15	1°32	15°36	16°54	15°36	0°42	W 8
T 9	9 18 5	20° 2'52	7♓27	11°53	9°49	27°18	24°31	0°R57	22°24	6°16	1°31	15°34	16°51	15°43	0°42	T 9
F 10	9 22 2	21° 3'54	20°13	13°29	9°19	27°48	24°23	0°57	22°26	6°17	1°29	15°D34	16°48	15°50	0°43	F 10
S 11	9 25 58	22° 4'55	2♈42	15° 6	8°49	28°18	24°15	0°57	22°28	6°18	1°28	15°35	16°45	15°57	0°43	S 11
S 12	9 29 55	23° 5'55	14°55	16°44	8°22	28°48	24° 7	0°57	22°30	6°19	1°26	15°37	16°42	16° 3	0°43	S 12
M13	9 33 52	24° 6'54	26°57	18°22	7°57	29°19	23°59	0°56	22°32	6°20	1°25	15°38	16°39	16°10	0°R43	M13
T 14	9 37 48	25° 7'52	8♉51	20° 1	7°34	29°49	23°51	0°56	22°35	6°21	1°24	15°40	16°35	16°17	0°43	T 14
W15	9 41 45	26° 8'49	20°43	21°41	7°13	0♊20	23°43	0°55	22°37	6°22	1°22	15°R41	16°32	16°23	0°43	W15
T 16	9 45 41	27° 9'45	2♊36	23°21	6°54	0°51	23°35	0°54	22°39	6°23	1°21	15°41	16°29	16°30	0°43	T 16
F 17	9 49 38	28°10'40	14°35	25° 2	6°38	1°22	23°27	0°53	22°41	6°24	1°19	15°40	16°26	16°37	0°42	F 17
S 18	9 53 34	29°11'33	26°46	26°43	6°24	1°54	23°19	0°52	22°44	6°25	1°18	15°38	16°23	16°43	0°42	S 18
S 19	9 57 31	0♓12'26	9♋12	28°26	6°13	2°25	23°11	0°51	22°46	6°26	1°16	15°36	16°20	16°50	0°41	S 19
M20	10 1 27	1°13'18	21°57	0♓ 8	6° 4	2°56	23° 3	0°50	22°48	6°27	1°15	15°34	16°16	16°57	0°41	M20
T 21	10 5 24	2°14'08	5♌ 1	1°52	5°58	3°28	22°55	0°49	22°51	6°28	1°14	15°32	16°13	17° 4	0°40	T 21
W22	10 9 21	3°14'57	18°26	3°36	5°54	4° 0	22°48	0°48	22°53	6°29	1°12	15°30	16°10	17°10	0°39	W22
T 23	10 13 17	4°15'46	2♍11	5°21	5°D53	4°32	22°40	0°46	22°56	6°31	1°11	15°29	16° 7	17°17	0°38	T 23
F 24	10 17 14	5°16'33	16°12	7° 7	5°54	5° 4	22°32	0°45	22°58	6°32	1° 9	15°D29	16° 4	17°24	0°36	F 24
S 25	10 21 10	6°17'19	0♎25	8°54	5°57	5°36	22°24	0°43	23° 1	6°33	1° 8	15°29	16° 0	17°30	0°35	S 25
S 26	10 25 7	7°18'03	14°47	10°41	6° 3	6° 8	22°17	0°41	23° 3	6°35	1° 7	15°30	15°57	17°37	0°34	S 26
M27	10 29 3	8°18'48	29°12	12°28	6°11	6°41	22° 9	0°39	23° 6	6°36	1° 5	15°31	15°54	17°44	0°32	M27
T 28	10 33 0	9♓19'31	13♏36	14♓16	6♒21	7♊13	22♌ 2	0♏37	23♈ 9	6♉37	1♍ 4	15♍31	15♍51	17♉51	0♏30	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	17s 6	12s24	4n33	21s19	1s11	10s19	6n19	20n 4	1n36	13n38	0n46	9s23	2n28	7n59	0s38	12n 0	1s35	17n49	7n31	5n29	5n 0	12n 1	12s31	0s59	W 1
T 2	16 49	15 19	5 2	21 4	1 16	10 18	6 30	20 11	1 36	13 41	0 46	9 23	2 29	8 0	0 38	12 0	1 35	17 50	7 31	5 30	5 1	12 3	12 31	0 58	T 2
F 3	16 32	17 18	5 12	20 49	1 22	10 18	6 41	20 18	1 37	13 44	0 46	9 23	2 29	8 0	0 38	12 0	1 35	17 50	7 31	5 31	5 2	12 4	12 31	0 58	F 3
S 4	16 15	18 13	5 4	20 32	1 27	10 19	6 51	20 26	1 37	13 46	0 46	9 23	2 29	8 1	0 38	12 1	1 35	17 51	7 31	5 32	5 3	12 6	12 31	0 58	S 4
S 5	15 57	18 1	4 37	20 14	1 31	10 20	7 0	20 33	1 38	13 49	0 47	9 23	2 30	8 2	0 38	12 1	1 35	17 52	7 31	5 34	5 5	12 7	12 32	0 58	S 5
M 6	15 38	16 44	3 54	19 55	1 36	10 21	7 8	20 41	1 38	13 52	0 47	9 23	2 30	8 2	0 38	12 1	1 35	17 52	7 32	5 36	5 6	12 8	12 32	0 57	M 6
T 7	15 20	14 30	2 58	19 35	1 40	10 23	7 15	20 48	1 38	13 55	0 47	9 23	2 30	8 3	0 38	12 1	1 35	17 53	7 32	5 37	5 7	12 10	12 32	0 57	T 7
W 8	15 1	11 31	1 54	19 13	1 44	10 26	7 21	20 55	1 39	13 57	0 47	9 23	2 30	8 4	0 38	12 2	1 35	17 53	7 32	5 39	5 8	12 11	12 32	0 57	W 8
T 9	14 42	8 2	0 45	18 51	1 48	10 29	7 27	21 2	1 39	14 0	0 47	9 22	2 31	8 4	0 38	12 2	1 35	17 54	7 32	5 39	5 9	12 13	12 32	0 56	T 9
F 10	14 23	4 15	0s26	18 27	1 51	10 32	7 31	21 9	1 39	14 3	0 47	9 22	2 31	8 5	0 38	12 2	1 34	17 55	7 32	5 39	5 11	12 14	12 32	0 56	F 10
S 11	14 4	0 22	1 33	18 1	1 54	10 36	7 35	21 16	1 40	14 6	0 47	9 22	2 31	8 6	0 38	12 3	1 34	17 55	7 32	5 39	5 12	12 16	12 31	0 56	S 11
S 12	13 44	3n28	2 35	17 35	1 57	10 40	7 38	21 23	1 40	14 8	0 47	9 21	2 32	8 7	0 38	12 3	1 34	17 56	7 32	5 38	5 13	12 17	12 31	0 56	S 12
M13	13 24	7 4	3 29	17 7	2 0	10 44	7 40	21 30	1 40	14 11	0 47	9 21	2 32	8 8	0 38	12 3	1 34	17 56	7 32	5 38	5 14	12 19	12 31	0 55	M13
T 14	13 4	10 21	4 13	16 38	2 2	10 49	7 42	21 37	1 41	14 14	0 48	9 21	2 32	8 8	0 38	12 4	1 34	17 57	7 33	5 37	5 16	12 20	12 31	0 55	T 14
W15	12 43	13 12	4 46	16 8	2 3	10 53	7 42	21 44	1 41	14 17	0 48	9 20	2 32	8 9	0 38	12 4	1 34	17 58	7 33	5 37	5 17	12 21	12 30	0 55	W15
T 16	12 23	15 31	5 8	15 37	2 5	10 58	7 42	21 51	1 41	14 19	0 48	9 20	2 33	8 10	0 38	12 4	1 34	17 58	7 33	5 37	5 18	12 23	12 30	0 55	T 16
F 17	12 2	17 10	5 16	15 4	2 6	11 2	7 41	21 57	1 41	14 22	0 48	9 19	2 33	8 11	0 38	12 5	1 34	17 59	7 33	5 37	5 19	12 24	12 30	0 54	F 17
S 18	11 41	18 5	5 10	14 31	2 6	11 7	7 39	22 4	1 41	14 25	0 48	9 18	2 33	8 12	0 38	12 5	1 34	17 59	7 33	5 38	5 20	12 26	12 29	0 54	S 18
S 19	11 20	18 9	4 50	13 56	2 7	11 12	7 37	22 10	1 42	14 28	0 48	9 18	2 33	8 13	0 38	12 6	1 34	18 0	7 33	5 38	5 22	12 27	12 29	0 54	S 19
M20	10 58	17 19	4 15	13 19	2 6	11 17	7 35	22 17	1 42	14 30	0 48	9 17	2 34	8 14	0 38	12 6	1 34	18 1	7 33	5 39	5 23	12 29	12 28	0 53	M20
T 21	10 37	15 33	3 26	12 42	2 6	11 22	7 31	22 23	1 42	14 33	0 48	9 16	2 34	8 15	0 38	12 7	1 34	18 1	7 33	5 40	5 24	12 30	12 28	0 53	T 21
W22	10 15	12 55	2 24	12 4	2 5	11 26	7 27	22 29	1 42	14 35	0 48	9 16	2 34	8 16	0 38	12 7	1 34	18 2	7 33	5 41	5 25	12 32	12 27	0 53	W22
T 23	9 53	9 30	1 13	11 24	2 3	11 31	7 23	22 35	1 42	14 38	0 48	9 15	2 34	8 17	0 38	12 7	1 34	18 2	7 33	5 41	5 27	12 33	12 26	0 53	T 23
F 24	9 31	5 28	0n 4	10 43	2 1	11 35	7 18	22 41	1 42	14 41	0 48	9 14	2 35	8 17	0 38	12 8	1 34	18 3	7 33	5 41	5 28	12 34	12 26	0 52	F 24
S 25	9 9	1 5	1 22	10 1	1 59	11 39	7 13	22 47	1 43	14 43	0 49	9 13	2 35	8 18	0 38	12 8	1 34	18 3	7 33	5 41	5 29	12 36	12 25	0 52	S 25
S 26	8 46	3s24	2 35	9 18	1 56	11 43	7 8	22 53	1 43	14 46	0 49	9 13	2 35	8 19	0 38	12 9	1 34	18 4	7 33	5 41	5 30	12 37	12 24	0 52	S 26
M27	8 24	7 42	3 39	8 34	1 52	11 47	7 2	22 58	1 43	14 48	0 49	9 12	2 35	8 20	0 38	12 9	1 34	18 5	7 33	5 41	5 32	12 39	12 23	0 51	M27
T 28	8s 1	11s32	4n30	7s49	1s48	11s50	6n56	23n 4	1n43	14n51	0n49	9s11	2n36	8n21	0s38	12n10	1s34	18n 5	7n34	5n40	5n33	12n40	12s22	0s51	T 28

Julian Day Number = 2885849.5, Delta T = 01h17m17s
Ecliptic obliquity = 23°16'59, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°23'35, Lahiri = 40°30'36

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ASTRODIENST EPHEMERIS for the year 3189
geocentric

MARCH 3189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 36 56	10♓20'13	27♏55	16♓ 5	6♒34	7♊46	21°R55	0°R35	23♈11	6♉39	1°R 2	15♍32	15♍48	17♉57	0°R29	W 1
T 2	10 40 53	11°20'54	12♐ 6	17°54	6°49	8°19	21♌48	0♏33	23°14	6°40	1♍ 1	15°R32	15°45	18° 4	0♏27	T 2
F 3	10 44 50	12°21'35	26° 6	19°44	7° 5	8°52	21°40	0°31	23°17	6°42	1° 0	15°32	15°41	18°11	0°25	F 3
S 4	10 48 46	13°22'14	9♑56	21°34	7°24	9°25	21°33	0°28	23°20	6°43	0°58	15°31	15°38	18°17	0°23	S 4
S 5	10 52 43	14°22'53	23°33	23°23	7°45	9°58	21°27	0°26	23°23	6°45	0°57	15°31	15°35	18°24	0°21	S 5
M 6	10 56 39	15°23'30	6♒58	25°13	8° 7	10°31	21°20	0°23	23°25	6°46	0°55	15°D31	15°32	18°31	0°18	M 6
T 7	11 0 36	16°24'06	20°10	27° 2	8°32	11° 4	21°13	0°21	23°28	6°48	0°54	15°31	15°29	18°37	0°16	T 7
W 8	11 4 32	17°24'41	3♓ 8	28°51	8°58	11°38	21° 7	0°18	23°31	6°50	0°53	15°31	15°26	18°44	0°13	W 8
T 9	11 8 29	18°25'14	15°53	0♈39	9°25	12°11	21° 0	0°15	23°34	6°51	0°51	15°R31	15°22	18°51	0°11	T 9
F 10	11 12 25	19°25'46	28°25	2°26	9°55	12°45	20°54	0°12	23°37	6°53	0°50	15°31	15°19	18°58	0° 8	F 10
S 11	11 16 22	20°26'17	10♈44	4°12	10°26	13°18	20°48	0° 9	23°40	6°54	0°49	15°31	15°16	19° 4	0° 5	S 11
S 12	11 20 18	21°26'46	22°53	5°55	10°58	13°52	20°42	0° 6	23°43	6°56	0°47	15°30	15°13	19°11	0° 3	S 12
M13	11 24 15	22°27'13	4♉53	7°37	11°32	14°26	20°36	0° 3	23°46	6°58	0°46	15°29	15°10	19°18	29♎59	M13
T 14	11 28 12	23°27'38	16°47	9°15	12° 7	15° 0	20°30	29♎59	23°49	7° 0	0°45	15°28	15° 6	19°24	29°56	T 14
W15	11 32 8	24°28'02	28°38	10°50	12°43	15°34	20°24	29°57	23°52	7° 1	0°43	15°27	15° 3	19°31	29°53	W15
T 16	11 36 5	25°28'24	10♊30	12°21	13°21	16° 8	20°19	29°53	23°55	7° 3	0°42	15°26	15° 0	19°38	29°50	T 16
F 17	11 40 1	26°28'44	22°28	13°47	14° 0	16°42	20°14	29°50	23°58	7° 5	0°41	15°D26	14°57	19°45	29°47	F 17
S 18	11 43 58	27°29'03	4♋37	15° 8	14°40	17°16	20° 9	29°46	24° 2	7° 7	0°40	15°26	14°54	19°51	29°43	S 18
S 19	11 47 54	28°29'19	17° 0	16°24	15°21	17°50	20° 4	29°43	24° 5	7° 9	0°38	15°27	14°51	19°58	29°40	S 19
M20	11 51 51	29°29'33	29°42	17°33	16° 4	18°25	19°59	29°39	24° 8	7°11	0°37	15°28	14°47	20° 5	29°36	M20
T 21	11 55 47	0♈29'46	12♌46	18°35	16°47	18°59	19°54	29°35	24°11	7°12	0°36	15°29	14°44	20°11	29°33	T 21
W22	11 59 44	1°29'56	26°16	19°29	17°31	19°34	19°50	29°31	24°14	7°14	0°35	15°30	14°41	20°18	29°29	W22
T 23	12 3 41	2°30'05	10♍11	20°15	18°17	20° 8	19°46	29°28	24°17	7°16	0°34	15°R31	14°38	20°25	29°25	T 23
F 24	12 7 37	3°30'12	24°28	20°53	19° 3	20°43	19°41	29°24	24°21	7°18	0°32	15°31	14°35	20°31	29°21	F 24
S 25	12 11 34	4°30'16	9♎ 5	21°23	19°50	21°17	19°37	29°20	24°24	7°20	0°31	15°30	14°31	20°38	29°18	S 25
S 26	12 15 30	5°30'20	23°55	21°43	20°38	21°52	19°34	29°16	24°27	7°22	0°30	15°28	14°28	20°45	29°14	S 26
M27	12 19 27	6°30'21	8♏49	21°54	21°27	22°27	19°30	29°11	24°31	7°24	0°29	15°25	14°25	20°52	29°10	M27
T 28	12 23 23	7°30'21	23°39	21°R56	22°16	23° 1	19°27	29° 7	24°34	7°26	0°28	15°22	14°22	20°58	29° 5	T 28
W29	12 27 20	8°30'19	8♐19	21°49	23° 6	23°36	19°24	29° 3	24°37	7°28	0°27	15°19	14°19	21° 5	29° 1	W29
T 30	12 31 16	9°30'16	22°43	21°34	23°58	24°11	19°21	28°59	24°41	7°30	0°26	15°17	14°16	21°12	28°57	T 30
F 31	12 35 13	10♈30'11	6♑47	21♈10	24♒49	24♊46	19♌18	28♎55	24♈44	7♉32	0♍25	15°D16	14♍12	21♉18	28♎53	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s39	14s39	5n 3	7s 3	1s43	11s54	6n49	23n 9	1n43	14n53	0n49	9s10	2n36	8n22	0s38	12n10	1s34	18n 6	7n34	5n40	5n34	12n41	12s22	0s51
T 2	7 16	16 52	5 17	6 16	1 38	11 56	6 43	23 15	1 43	14 55	0 49	9 9	2 36	8 23	0 37	12 11	1 34	18 6	7 34	5 40	5 35	12 43	12 21	0 50
F 3	6 53	18 2	5 12	5 28	1 32	11 59	6 36	23 20	1 43	14 58	0 49	9 8	2 36	8 24	0 37	12 11	1 34	18 7	7 34	5 40	5 36	12 44	12 20	0 50
S 4	6 30	18 6	4 49	4 39	1 26	12 1	6 29	23 25	1 43	15 0	0 49	9 7	2 37	8 26	0 37	12 12	1 33	18 7	7 34	5 40	5 38	12 46	12 19	0 50
S 5	6 7	17 8	4 10	3 49	1 19	12 3	6 22	23 30	1 43	15 2	0 49	9 6	2 37	8 27	0 37	12 12	1 33	18 8	7 34	5 40	5 39	12 47	12 18	0 50
M 6	5 43	15 13	3 18	2 59	1 11	12 5	6 14	23 35	1 43	15 4	0 49	9 5	2 37	8 28	0 37	12 13	1 33	18 8	7 34	5 40	5 40	12 49	12 16	0 49
T 7	5 20	12 31	2 16	2 8	1 3	12 6	6 7	23 40	1 43	15 7	0 49	9 4	2 37	8 29	0 37	12 13	1 33	18 9	7 34	5 40	5 41	12 50	12 15	0 49
W 8	4 57	9 14	1 8	1 17	0 54	12 7	5 59	23 44	1 43	15 9	0 49	9 2	2 38	8 30	0 37	12 14	1 33	18 9	7 34	5 40	5 43	12 51	12 14	0 49
T 9	4 33	5 34	0s 2	0 25	0 44	12 7	5 51	23 49	1 43	15 11	0 49	9 1	2 38	8 31	0 37	12 15	1 33	18 10	7 34	5 40	5 44	12 53	12 13	0 48
F 10	4 9	1 43	1 11	0n26	0 34	12 7	5 44	23 53	1 43	15 13	0 49	9 0	2 38	8 32	0 37	12 15	1 33	18 10	7 34	5 40	5 45	12 54	12 12	0 48
S 11	3 46	2n 9	2 15	1 18	0 23	12 7	5 36	23 57	1 43	15 15	0 49	8 59	2 38	8 33	0 37	12 16	1 33	18 11	7 34	5 40	5 46	12 56	12 10	0 48
S 12	3 22	5 51	3 13	2 9	0 12	12 6	5 28	24 1	1 43	15 17	0 49	8 58	2 38	8 34	0 37	12 16	1 33	18 11	7 34	5 41	5 47	12 57	12 9	0 47
M13	2 59	9 17	4 1	3 0	0 0	12 5	5 20	24 5	1 43	15 19	0 49	8 56	2 39	8 35	0 37	12 17	1 33	18 12	7 34	5 41	5 49	12 58	12 8	0 47
T 14	2 35	12 17	4 38	3 50	0n12	12 3	5 12	24 9	1 43	15 20	0 49	8 55	2 39	8 36	0 37	12 18	1 33	18 12	7 34	5 41	5 50	13 0	12 6	0 47
W15	2 11	14 47	5 3	4 39	0 25	12 1	5 3	24 13	1 43	15 22	0 49	8 54	2 39	8 38	0 37	12 18	1 33	18 13	7 34	5 42	5 51	13 1	12 5	0 46
T 16	1 47	16 40	5 16	5 27	0 39	11 59	4 55	24 16	1 43	15 24	0 49	8 52	2 39	8 39	0 37	12 19	1 33	18 13	7 34	5 42	5 52	13 3	12 3	0 46
F 17	1 23	17 50	5 14	6 13	0 52	11 56	4 47	24 20	1 43	15 26	0 49	8 51	2 39	8 40	0 37	12 19	1 33	18 14	7 34	5 42	5 54	13 4	12 2	0 46
S 18	1 0	18 13	4 59	6 57	1 6	11 52	4 39	24 23	1 43	15 27	0 49	8 50	2 40	8 41	0 37	12 20	1 33	18 14	7 34	5 42	5 55	13 5	12 0	0 45
S 19	0 36	17 45	4 30	7 39	1 20	11 48	4 31	24 26	1 43	15 29	0 49	8 48	2 40	8 42	0 37	12 21	1 33	18 14	7 34	5 42	5 56	13 7	11 59	0 45
M20	0 12	16 23	3 47	8 18	1 34	11 44	4 23	24 29	1 43	15 30	0 49	8 47	2 40	8 43	0 37	12 21	1 33	18 15	7 34	5 42	5 57	13 8	11 57	0 45
T 21	0n12	14 7	2 51	8 54	1 48	11 39	4 15	24 32	1 43	15 32	0 49	8 45	2 40	8 45	0 37	12 22	1 33	18 15	7 34	5 41	5 58	13 9	11 56	0 44
W22	0 36	11 2	1 44	9 27	2 2	11 34	4 7	24 35	1 43	15 33	0 49	8 44	2 40	8 46	0 37	12 22	1 33	18 16	7 34	5 41	6 0	13 11	11 54	0 44
T 23	0 59	7 15	0 29	9 57	2 15	11 28	3 59	24 37	1 43	15 34	0 49	8 42	2 40	8 47	0 37	12 23	1 33	18 16	7 34	5 40	6 1	13 12	11 52	0 43
F 24	1 23	2 56	0n49	10 23	2 28	11 22	3 50	24 40	1 42	15 36	0 49	8 41	2 41	8 48	0 37	12 24	1 33	18 16	7 34	5 41	6 2	13 14	11 51	0 43
S 25	1 47	1s38	2 7	10 45	2 40	11 15	3 42	24 42	1 42	15 37	0 49	8 39	2 41	8 49	0 37	12 24	1 33	18 17	7 33	5 41	6 3	13 15	11 49	0 43
S 26	2 10	6 10	3 16	11 3	2 51	11 8	3 35	24 44	1 42	15 38	0 49	8 38	2 41	8 51	0 37	12 25	1 33	18 17	7 33	5 42	6 4	13 16	11 47	0 42
M27	2 34	10 21	4 13	11 16	3 1	11 0	3 27	24 46	1 42	15 39	0 49	8 36	2 41	8 52	0 37	12 26	1 33	18 17	7 33	5 43	6 6	13 18	11 46	0 42
T 28	2 58	13 50	4 52	11 25	3 9	10 52	3 19	24 48	1 42	15 40	0 49	8 35	2 41	8 53	0 37	12 26	1 33	18 18	7 33	5 44	6 7	13 19	11 44	0 42
W29	3 21	16 24	5 12	11 29	3 17	10 43	3 11	24 50	1 42	15 41	0 49	8 33	2 41	8 54	0 37	12 27	1 33	18 18	7 33	5 45	6 8	13 20	11 42	0 41
T 30	3 45	17 54	5 12	11 29	3 22	10 34	3 3	24 51	1 42	15 42	0 49	8 31	2 41	8 55	0 37	12 28	1 33	18 18	7 33	5 46	6 9	13 22	11 40	0 41
F 31	4n 8	18s14	4n53	11n24	3n26	10s24	2n55	24n52	1n42	15n43	0n49	8s30	2n42	8n57	0s37	12n28	1s33	18n19	7n33	5n46	6n11	13n23	11s38	0s41

Julian Day Number = 2885877.5, Delta T = 01h17m18s
Ecliptic obliquity = 23°16'59, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°23'39, Lahiri = 40°30'40

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ASTRODIENST EPHEMERIS for the year 3189
geocentric

APRIL 3189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 39 10	11♈30'05	20♉31	20°R39	25♒42	25♊21	19°R15	28°R50	24♈47	7♉34	0°R24	15♍17	14♍ 9	21♉25	28°R49	S 1
S 2	12 43 6	12°29'57	3♒56	20♈ 2	26°35	25°56	19♌13	28♎46	24°51	7°37	0♍23	15°18	14° 6	21°32	28♎44	S 2
M 3	12 47 3	13°29'48	17° 2	19°18	27°28	26°31	19°10	28°41	24°54	7°39	0°22	15°19	14° 3	21°39	28°40	M 3
T 4	12 50 59	14°29'37	29°53	18°30	28°23	27° 7	19° 8	28°37	24°57	7°41	0°21	15°21	14° 0	21°45	28°35	T 4
W 5	12 54 56	15°29'24	12♓29	17°38	29°18	27°42	19° 6	28°33	25° 1	7°43	0°20	15°R22	13°57	21°52	28°31	W 5
T 6	12 58 52	16°29'09	24°55	16°44	0♓13	28°17	19° 5	28°28	25° 4	7°45	0°19	15°21	13°53	21°59	28°26	T 6
F 7	13 2 49	17°28'53	7♈11	15°48	1° 9	28°52	19° 3	28°23	25° 7	7°47	0°18	15°19	13°50	22° 5	28°22	F 7
S 8	13 6 45	18°28'34	19°18	14°53	2° 5	29°28	19° 2	28°19	25°11	7°49	0°17	15°16	13°47	22°12	28°17	S 8
S 9	13 10 42	19°28'14	1♉19	13°59	3° 2	0♋ 3	19° 1	28°14	25°14	7°51	0°16	15°10	13°44	22°19	28°13	S 9
M10	13 14 38	20°27'52	13°15	13° 7	4° 0	0°38	19° 0	28°10	25°18	7°54	0°16	15° 4	13°41	22°26	28° 8	M10
T 11	13 18 35	21°27'28	25° 8	12°18	4°58	1°14	18°59	28° 5	25°21	7°56	0°15	14°57	13°37	22°32	28° 3	T 11
W12	13 22 32	22°27'01	6♊59	11°33	5°56	1°49	18°59	28° 0	25°25	7°58	0°14	14°50	13°34	22°39	27°59	W12
T 13	13 26 28	23°26'33	18°51	10°53	6°55	2°25	18°58	27°56	25°28	8° 0	0°13	14°44	13°31	22°46	27°54	T 13
F 14	13 30 25	24°26'02	0♋48	10°17	7°54	3° 0	18°D58	27°51	25°31	8° 2	0°12	14°40	13°28	22°52	27°49	F 14
S 15	13 34 21	25°25'29	12°54	9°47	8°53	3°36	18°58	27°46	25°35	8° 5	0°12	14°37	13°25	22°59	27°45	S 15
S 16	13 38 18	26°24'54	25°13	9°23	9°53	4°12	18°58	27°42	25°38	8° 7	0°11	14°D36	13°22	23° 6	27°40	S 16
M17	13 42 14	27°24'17	7♌50	9° 5	10°53	4°47	18°59	27°37	25°42	8° 9	0°10	14°37	13°18	23°13	27°35	M17
T 18	13 46 11	28°23'37	20°48	8°52	11°54	5°23	18°59	27°32	25°45	8°11	0°10	14°38	13°15	23°19	27°31	T 18
W19	13 50 7	29°22'56	4♍13	8°45	12°55	5°59	19° 0	27°28	25°49	8°14	0° 9	14°39	13°12	23°26	27°26	W19
T 20	13 54 4	0♉22'11	18° 5	8°D44	13°56	6°35	19° 1	27°23	25°52	8°16	0° 8	14°R40	13° 9	23°33	27°21	T 20
F 21	13 58 1	1°21'25	2♎25	8°49	14°58	7°10	19° 2	27°18	25°55	8°18	0° 8	14°38	13° 6	23°39	27°16	F 21
S 22	14 1 57	2°20'37	17°11	8°58	15°59	7°46	19° 4	27°13	25°59	8°20	0° 7	14°35	13° 2	23°46	27°12	S 22
S 23	14 5 54	3°19'46	2♏15	9°13	17° 2	8°22	19° 5	27° 9	26° 2	8°23	0° 7	14°29	12°59	23°53	27° 7	S 23
M24	14 9 50	4°18'53	17°29	9°33	18° 4	8°58	19° 7	27° 4	26° 6	8°25	0° 6	14°22	12°56	24° 0	27° 2	M24
T 25	14 13 47	5°17'59	2♐42	9°58	19° 7	9°34	19° 9	27° 0	26° 9	8°27	0° 6	14°15	12°53	24° 6	26°58	T 25
W26	14 17 43	6°17'03	17°44	10°27	20°10	10°10	19°11	26°55	26°12	8°29	0° 5	14° 7	12°50	24°13	26°53	W26
T 27	14 21 40	7°16'05	2♑26	11° 0	21°13	10°46	19°13	26°50	26°16	8°32	0° 5	14° 1	12°47	24°20	26°49	T 27
F 28	14 25 36	8°15'06	16°43	11°38	22°17	11°21	19°16	26°46	26°19	8°34	0° 5	13°57	12°43	24°26	26°44	F 28
S 29	14 29 33	9°14'04	0♒32	12°19	23°21	11°57	19°19	26°41	26°23	8°36	0° 4	13°55	12°40	24°33	26°40	S 29
S 30	14 33 30	10♉13'02	13♒56	13♈ 4	24♓25	12♋33	19♌21	26♎37	26♈26	8♉39	0♍ 4	13°D55	12♍37	24♉40	26♎35	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n31	17s29	4n17	11n14	3n29	10s14	2n48	24n54	1n42	15n44	0n49	8s28	2n42	8n58	0s37	12n29	1s33	18n19	7n33	5n46	6n12	13n25	11s36	0s40
S 2	4 54	15 46	3 28	11 1	3 29	10 4	2 40	24 55	1 41	15 44	0 49	8 26	2 42	8 59	0 37	12 30	1 33	18 19	7 33	5 46	6 13	13 26	11 34	0 40
M 3	5 18	13 15	2 29	10 43	3 28	9 53	2 33	24 56	1 41	15 45	0 49	8 25	2 42	9 0	0 37	12 31	1 33	18 20	7 33	5 45	6 14	13 27	11 33	0 39
T 4	5 41	10 8	1 24	10 21	3 24	9 41	2 25	24 56	1 41	15 46	0 49	8 23	2 42	9 2	0 37	12 31	1 33	18 20	7 33	5 44	6 15	13 29	11 31	0 39
W 5	6 4	6 35	0 16	9 56	3 19	9 29	2 18	24 57	1 41	15 46	0 49	8 22	2 42	9 3	0 37	12 32	1 33	18 20	7 33	5 44	6 17	13 30	11 29	0 39
T 6	6 26	2 48	0s52	9 29	3 11	9 17	2 11	24 57	1 41	15 47	0 49	8 20	2 42	9 4	0 37	12 33	1 33	18 20	7 33	5 44	6 18	13 31	11 27	0 38
F 7	6 49	1n 3	1 57	8 59	3 2	9 4	2 3	24 57	1 41	15 47	0 49	8 18	2 42	9 5	0 37	12 33	1 32	18 21	7 33	5 45	6 19	13 33	11 25	0 38
S 8	7 12	4 49	2 55	8 28	2 52	8 51	1 56	24 57	1 40	15 47	0 49	8 17	2 42	9 7	0 37	12 34	1 32	18 21	7 33	5 46	6 20	13 34	11 23	0 37
S 9	7 34	8 21	3 45	7 56	2 40	8 37	1 49	24 57	1 40	15 48	0 49	8 15	2 42	9 8	0 37	12 35	1 32	18 21	7 32	5 48	6 21	13 35	11 21	0 37
M10	7 57	11 31	4 24	7 24	2 27	8 23	1 42	24 57	1 40	15 48	0 49	8 13	2 42	9 9	0 37	12 35	1 32	18 21	7 32	5 51	6 23	13 37	11 19	0 37
T 11	8 19	14 12	4 52	6 52	2 13	8 9	1 35	24 57	1 40	15 48	0 48	8 11	2 42	9 10	0 37	12 36	1 32	18 22	7 32	5 53	6 24	13 38	11 17	0 36
W12	8 41	16 17	5 7	6 21	1 58	7 54	1 29	24 56	1 40	15 48	0 48	8 10	2 43	9 12	0 37	12 37	1 32	18 22	7 32	5 56	6 25	13 39	11 15	0 36
T 13	9 3	17 41	5 9	5 51	1 42	7 39	1 22	24 55	1 40	15 48	0 48	8 8	2 43	9 13	0 37	12 38	1 32	18 22	7 32	5 58	6 26	13 41	11 13	0 35
F 14	9 25	18 19	4 58	5 22	1 26	7 23	1 15	24 54	1 39	15 48	0 48	8 6	2 43	9 14	0 37	12 38	1 32	18 22	7 32	6 0	6 28	13 42	11 11	0 35
S 15	9 46	18 8	4 33	4 56	1 10	7 7	1 9	24 53	1 39	15 48	0 48	8 5	2 43	9 15	0 37	12 39	1 32	18 22	7 32	6 1	6 29	13 44	11 9	0 35
S 16	10 8	17 5	3 56	4 32	0 55	6 51	1 2	24 52	1 39	15 48	0 48	8 3	2 43	9 17	0 37	12 40	1 32	18 22	7 32	6 1	6 30	13 45	11 7	0 34
M17	10 29	15 11	3 6	4 10	0 39	6 34	0 56	24 51	1 39	15 48	0 48	8 1	2 43	9 18	0 37	12 40	1 32	18 23	7 32	6 1	6 31	13 46	11 4	0 34
T 18	10 50	12 29	2 6	3 51	0 23	6 17	0 50	24 49	1 39	15 48	0 48	8 0	2 43	9 19	0 37	12 41	1 32	18 23	7 32	6 1	6 32	13 48	11 2	0 33
W19	11 11	9 2	0 56	3 34	0 8	6 0	0 44	24 47	1 38	15 47	0 48	7 58	2 43	9 20	0 37	12 42	1 32	18 23	7 31	6 0	6 34	13 49	11 0	0 33
T 20	11 32	4 58	0n18	3 20	0s 7	5 42	0 38	24 45	1 38	15 47	0 48	7 56	2 43	9 22	0 37	12 43	1 32	18 23	7 31	6 0	6 35	13 50	10 58	0 33
F 21	11 52	0 29	1 34	3 9	0 21	5 24	0 32	24 43	1 38	15 47	0 48	7 55	2 43	9 23	0 37	12 43	1 32	18 23	7 31	6 1	6 36	13 52	10 56	0 32
S 22	12 13	4s 8	2 46	3 0	0 35	5 6	0 26	24 41	1 38	15 46	0 48	7 53	2 43	9 24	0 37	12 44	1 32	18 23	7 31	6 2	6 37	13 53	10 54	0 32
S 23	12 33	8 36	3 48	2 54	0 48	4 47	0 20	24 39	1 38	15 46	0 48	7 51	2 43	9 25	0 37	12 45	1 32	18 23	7 31	6 4	6 38	13 54	10 52	0 31
M24	12 53	12 33	4 34	2 50	1 0	4 28	0 14	24 36	1 37	15 45	0 48	7 50	2 43	9 26	0 37	12 46	1 32	18 23	7 31	6 7	6 40	13 55	10 50	0 31
T 25	13 12	15 39	5 0	2 49	1 12	4 9	0 9	24 33	1 37	15 44	0 48	7 48	2 43	9 28	0 37	12 46	1 32	18 23	7 31	6 10	6 41	13 57	10 48	0 31
W26	13 32	17 38	5 6	2 50	1 23	3 49	0 4	24 30	1 37	15 44	0 48	7 47	2 43	9 29	0 37	12 47	1 32	18 23	7 31	6 13	6 42	13 58	10 46	0 30
T 27	13 51	18 25	4 51	2 53	1 34	3 29	0s 2	24 27	1 37	15 43	0 48	7 45	2 43	9 30	0 37	12 48	1 32	18 23	7 31	6 15	6 43	13 59	10 44	0 30
F 28	14 10	17 58	4 18	2 59	1 44	3 9	0 7	24 24	1 36	15 42	0 48	7 43	2 43	9 31	0 37	12 48	1 32	18 23	7 30	6 16	6 44	14 1	10 42	0 29
S 29	14 29	16 28	3 31	3 6	1 53	2 49	0 12	24 21	1 36	15 41	0 47	7 42	2 42	9 33	0 37	12 49	1 32	18 23	7 30	6 17	6 46	14 2	10 40	0 29
S 30	14n47	14s 5	2n34	3n16	2s 1	2s28	0s17	24n17	1n36	15n40	0n47	7s40	2n42	9n34	0s37	12n50	1s32	18n23	7n30	6n17	6n47	14n 3	10s38	0s28

Julian Day Number = 2885908.5, Delta T = 01h17m18s
Ecliptic obliquity = 23°16'59, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°23'44, Lahiri = 40°30'44

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ASTRODIENST EPHEMERIS for the year 3189
geocentric

MAY 3189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 37 26	11♉11'57	26♒56	13♈53	25♓29	13♋ 9	19♌24	26°R32	26♈29	8♉41	0°R 4	13♍55	12♍34	24♉47	26°R31	M 1
T 2	14 41 23	12°10'51	9♓36	14°44	26°33	13°46	19°28	26♎28	26°33	8°43	0♍ 3	13°R56	12°31	24°53	26♎26	T 2
W 3	14 45 19	13° 9'43	22° 1	15°39	27°38	14°22	19°31	26°23	26°36	8°45	0° 3	13°56	12°28	25° 0	26°22	W 3
T 4	14 49 16	14° 8'33	4♈13	16°37	28°43	14°58	19°34	26°19	26°39	8°48	0° 3	13°54	12°24	25° 7	26°17	T 4
F 5	14 53 12	15° 7'21	16°17	17°38	29°48	15°34	19°38	26°15	26°42	8°50	0° 3	13°49	12°21	25°13	26°13	F 5
S 6	14 57 9	16° 6'08	28°15	18°41	0♈53	16°10	19°42	26°10	26°46	8°52	0° 2	13°42	12°18	25°20	26° 9	S 6
S 7	15 1 5	17° 4'53	10♉ 9	19°47	1°59	16°46	19°46	26° 6	26°49	8°54	0° 2	13°32	12°15	25°27	26° 5	S 7
M 8	15 5 2	18° 3'36	22° 2	20°56	3° 5	17°22	19°50	26° 2	26°52	8°57	0° 2	13°20	12°12	25°34	26° 1	M 8
T 9	15 8 58	19° 2'17	3♊53	22° 7	4°10	17°59	19°55	25°58	26°56	8°59	0° 2	13° 8	12° 8	25°40	25°56	T 9
W10	15 12 55	20° 0'56	15°46	23°20	5°16	18°35	19°59	25°54	26°59	9° 1	0° 2	12°55	12° 5	25°47	25°52	W10
T 11	15 16 52	20°59'34	27°41	24°36	6°23	19°11	20° 4	25°50	27° 2	9° 3	0° 2	12°44	12° 2	25°54	25°48	T 11
F 12	15 20 48	21°58'09	9♋41	25°53	7°29	19°47	20° 9	25°46	27° 5	9° 6	0°D 2	12°35	11°59	26° 0	25°45	F 12
S 13	15 24 45	22°56'42	21°49	27°13	8°35	20°24	20°14	25°42	27° 8	9° 8	0° 2	12°28	11°56	26° 7	25°41	S 13
S 14	15 28 41	23°55'13	4♌ 7	28°35	9°42	21° 0	20°19	25°38	27°11	9°10	0° 2	12°24	11°53	26°14	25°37	S 14
M15	15 32 38	24°53'43	16°41	29°59	10°49	21°36	20°25	25°34	27°15	9°12	0° 2	12°22	11°49	26°21	25°33	M15
T 16	15 36 34	25°52'10	29°34	1♍25	11°56	22°12	20°30	25°31	27°18	9°15	0° 2	12°D22	11°46	26°27	25°30	T 16
W17	15 40 31	26°50'34	12♍51	2°53	13° 3	22°49	20°36	25°27	27°21	9°17	0° 2	12°R22	11°43	26°34	25°26	W17
T 18	15 44 27	27°48'57	26°34	4°23	14°10	23°25	20°42	25°23	27°24	9°19	0° 3	12°21	11°40	26°41	25°23	T 18
F 19	15 48 24	28°47'18	10♎46	5°54	15°17	24° 2	20°48	25°20	27°27	9°21	0° 3	12°19	11°37	26°47	25°19	F 19
S 20	15 52 21	29°45'37	25°26	7°28	16°25	24°38	20°54	25°16	27°30	9°23	0° 3	12°14	11°34	26°54	25°16	S 20
S 21	15 56 17	0♊43'53	10♏28	9° 4	17°32	25°14	21° 0	25°13	27°33	9°25	0° 3	12° 6	11°30	27° 1	25°13	S 21
M22	16 0 14	1°42'08	25°45	10°41	18°40	25°51	21° 6	25°10	27°36	9°28	0° 3	11°57	11°27	27° 8	25°10	M22
T 23	16 4 10	2°40'22	11♐ 5	12°20	19°48	26°27	21°13	25° 6	27°39	9°30	0° 4	11°46	11°24	27°14	25° 7	T 23
W24	16 8 7	3°38'34	26°18	14° 1	20°55	27° 4	21°20	25° 3	27°42	9°32	0° 4	11°35	11°21	27°21	25° 4	W24
T 25	16 12 3	4°36'44	11♑13	15°45	22° 3	27°40	21°26	25° 0	27°45	9°34	0° 4	11°26	11°18	27°28	25° 1	T 25
F 26	16 16 0	5°34'53	25°42	17°30	23°12	28°16	21°33	24°57	27°48	9°36	0° 5	11°20	11°14	27°35	24°58	F 26
S 27	16 19 57	6°33'00	9♒42	19°16	24°20	28°53	21°40	24°54	27°51	9°38	0° 5	11°16	11°11	27°41	24°55	S 27
S 28	16 23 53	7°31'06	23°12	21° 5	25°28	29°29	21°48	24°51	27°53	9°40	0° 6	11°14	11° 8	27°48	24°53	S 28
M29	16 27 50	8°29'11	6♓14	22°56	26°37	0♌ 6	21°55	24°49	27°56	9°42	0° 6	11°13	11° 5	27°55	24°50	M29
T 30	16 31 46	9°27'14	18°54	24°48	27°45	0°42	22° 3	24°46	27°59	9°44	0° 7	11°13	11° 2	28° 1	24°48	T 30
W31	16 35 43	10♊25'16	1♈15	26♉43	28♈54	1♌19	22♌10	24♎43	28♈ 2	9♉46	0♍ 7	11♍12	10♍59	28♉ 8	24♎45	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n 5	11s 3	1n30	3n27	2s 9	2s 7	0s22	24n13	1n36	15n39	0n47	7s39	2n42	9n35	0s37	12n51	1s32	18n23	7n30	6n17	6n48	14n 5	10s36	0s28
T 2	15 23	7 33	0 23	3 40	2 16	1 46	0 27	24 10	1 35	15 38	0 47	7 37	2 42	9 36	0 37	12 51	1 32	18 23	7 30	6 17	6 49	14 6	10 34	0 28
W 3	15 41	3 49	0s43	3 55	2 23	1 25	0 31	24 6	1 35	15 37	0 47	7 36	2 42	9 37	0 37	12 52	1 32	18 23	7 30	6 17	6 51	14 7	10 32	0 27
T 4	15 59	0n 2	1 46	4 12	2 29	1 3	0 36	24 1	1 35	15 36	0 47	7 34	2 42	9 38	0 37	12 53	1 32	18 23	7 30	6 18	6 52	14 9	10 30	0 27
F 5	16 16	3 50	2 44	4 30	2 34	0 42	0 40	23 57	1 35	15 35	0 47	7 33	2 42	9 40	0 37	12 53	1 32	18 23	7 30	6 19	6 53	14 10	10 28	0 26
S 6	16 33	7 27	3 33	4 50	2 38	0 20	0 45	23 52	1 34	15 33	0 47	7 31	2 42	9 41	0 37	12 54	1 32	18 23	7 29	6 22	6 54	14 11	10 26	0 26
S 7	16 50	10 45	4 13	5 11	2 42	0n 2	0 49	23 48	1 34	15 32	0 47	7 30	2 42	9 42	0 37	12 55	1 32	18 23	7 29	6 26	6 55	14 13	10 24	0 25
M 8	17 6	13 37	4 42	5 33	2 46	0 24	0 53	23 43	1 34	15 31	0 47	7 28	2 42	9 43	0 37	12 56	1 32	18 23	7 29	6 30	6 57	14 14	10 22	0 25
T 9	17 22	15 54	4 58	5 57	2 48	0 46	0 57	23 38	1 34	15 29	0 47	7 27	2 42	9 44	0 37	12 56	1 32	18 23	7 29	6 35	6 58	14 15	10 20	0 25
W10	17 38	17 32	5 2	6 22	2 51	1 9	1 1	23 33	1 33	15 28	0 47	7 26	2 42	9 45	0 37	12 57	1 32	18 23	7 29	6 40	6 59	14 16	10 19	0 24
T 11	17 53	18 24	4 52	6 48	2 52	1 31	1 5	23 27	1 33	15 26	0 47	7 24	2 41	9 47	0 37	12 58	1 32	18 23	7 29	6 44	7 0	14 18	10 17	0 24
F 12	18 8	18 27	4 29	7 15	2 53	1 54	1 8	23 22	1 33	15 25	0 47	7 23	2 41	9 48	0 37	12 58	1 32	18 23	7 29	6 48	7 1	14 19	10 15	0 23
S 13	18 23	17 40	3 54	7 43	2 54	2 17	1 12	23 16	1 33	15 23	0 47	7 22	2 41	9 49	0 37	12 59	1 32	18 23	7 28	6 50	7 3	14 20	10 13	0 23
S 14	18 38	16 3	3 8	8 12	2 53	2 40	1 15	23 11	1 32	15 21	0 47	7 21	2 41	9 50	0 37	13 0	1 32	18 22	7 28	6 52	7 4	14 22	10 11	0 23
M15	18 52	13 38	2 12	8 42	2 53	3 3	1 19	23 5	1 32	15 20	0 47	7 19	2 41	9 51	0 37	13 0	1 32	18 22	7 28	6 53	7 5	14 23	10 10	0 22
T 16	19 6	10 30	1 7	9 13	2 51	3 26	1 22	22 59	1 32	15 18	0 46	7 18	2 41	9 52	0 37	13 1	1 33	18 22	7 28	6 53	7 6	14 24	10 8	0 22
W17	19 19	6 44	0n 3	9 44	2 49	3 49	1 25	22 52	1 31	15 16	0 46	7 17	2 41	9 53	0 37	13 2	1 33	18 22	7 28	6 53	7 7	14 25	10 6	0 21
T 18	19 33	2 30	1 15	10 16	2 47	4 12	1 28	22 46	1 31	15 14	0 46	7 16	2 40	9 54	0 37	13 2	1 33	18 22	7 28	6 53	7 9	14 27	10 5	0 21
F 19	19 46	2s 1	2 24	10 49	2 44	4 35	1 31	22 39	1 31	15 12	0 46	7 15	2 40	9 55	0 37	13 3	1 33	18 22	7 28	6 54	7 10	14 28	10 3	0 20
S 20	19 58	6 33	3 27	11 23	2 41	4 58	1 33	22 33	1 31	15 10	0 46	7 14	2 40	9 57	0 37	13 4	1 33	18 21	7 28	6 56	7 11	14 29	10 1	0 20
S 21	20 10	10 48	4 17	11 57	2 37	5 21	1 36	22 26	1 30	15 8	0 46	7 12	2 40	9 58	0 37	13 4	1 33	18 21	7 27	6 59	7 12	14 31	10 0	0 20
M22	20 22	14 23	4 49	12 31	2 32	5 45	1 39	22 19	1 30	15 6	0 46	7 11	2 40	9 59	0 37	13 5	1 33	18 21	7 27	7 2	7 13	14 32	9 58	0 19
T 23	20 34	17 0	5 1	13 6	2 27	6 8	1 41	22 12	1 30	15 4	0 46	7 10	2 40	10 0	0 37	13 6	1 33	18 21	7 27	7 6	7 15	14 33	9 57	0 19
W24	20 45	18 23	4 51	13 41	2 21	6 31	1 43	22 4	1 29	15 2	0 46	7 9	2 39	10 1	0 37	13 6	1 33	18 20	7 27	7 10	7 16	14 34	9 55	0 18
T 25	20 55	18 28	4 22	14 17	2 15	6 54	1 46	21 57	1 29	14 59	0 46	7 9	2 39	10 2	0 37	13 7	1 33	18 20	7 27	7 14	7 17	14 36	9 54	0 18
F 26	21 6	17 20	3 36	14 53	2 9	7 17	1 48	21 49	1 29	14 57	0 46	7 8	2 39	10 3	0 37	13 8	1 33	18 20	7 27	7 16	7 18	14 37	9 52	0 17
S 27	21 16	15 10	2 38	15 28	2 2	7 40	1 50	21 42	1 29	14 55	0 46	7 7	2 39	10 4	0 37	13 8	1 33	18 20	7 27	7 18	7 19	14 38	9 51	0 17
S 28	21 25	12 13	1 34	16 4	1 55	8 3	1 51	21 34	1 28	14 52	0 46	7 6	2 39	10 5	0 37	13 9	1 33	18 19	7 26	7 18	7 21	14 39	9 50	0 17
M29	21 35	8 45	0 26	16 40	1 47	8 26	1 53	21 26	1 28	14 50	0 46	7 5	2 39	10 6	0 37	13 9	1 33	18 19	7 26	7 19	7 22	14 41	9 48	0 16
T 30	21 43	4 59	0s41	17 15	1 38	8 49	1 55	21 18	1 28	14 48	0 46	7 4	2 38	10 7	0 37	13 10	1 33	18 19	7 26	7 19	7 23	14 42	9 47	0 16
W31	21n52	1s 6	1s44	17n50	1s30	9n12	1s56	21n 9	1n27	14n45	0n46	7s 4	2n38	10n 8	0s37	13n11	1s33	18n19	7n26	7n19	7n24	14n43	9s46	0s15

Julian Day Number = 2885938.5, Delta T = 01h17m19s
Ecliptic obliquity = 23°16'59, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°23'48, Lahiri = 40°30'48

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ASTRODIENST EPHEMERIS for the year 3189
geocentric

JUNE 3189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 39 39	11♊23'17	13♈23	28♉39	0♉ 2	1♌56	22♌18	24°R41	28♈ 4	9♉48	0♍ 8	11°R 9	10♍55	28♉15	24°R43	T 1
F 2	16 43 36	12°21'16	25°21	0♊38	1°11	2°32	22°26	24♎39	28° 7	9°50	0° 8	11♍ 4	10°52	28°22	24♎41	F 2
S 3	16 47 32	13°19'14	7♉14	2°38	2°20	3° 9	22°34	24°36	28°10	9°52	0° 9	10°56	10°49	28°28	24°39	S 3
S 4	16 51 29	14°17'11	19° 5	4°40	3°29	3°45	22°42	24°34	28°12	9°54	0° 9	10°45	10°46	28°35	24°37	S 4
M 5	16 55 26	15°15'07	0♊56	6°43	4°38	4°22	22°50	24°32	28°15	9°56	0°10	10°32	10°43	28°42	24°35	M 5
T 6	16 59 22	16°13'01	12°49	8°48	5°47	4°58	22°59	24°30	28°17	9°58	0°11	10°18	10°40	28°48	24°33	T 6
W 7	17 3 19	17°10'54	24°46	10°55	6°57	5°35	23° 7	24°28	28°20	10° 0	0°11	10° 4	10°36	28°55	24°32	W 7
T 8	17 7 15	18° 8'46	6♋47	13° 3	8° 6	6°12	23°16	24°26	28°23	10° 2	0°12	9°51	10°33	29° 2	24°30	T 8
F 9	17 11 12	19° 6'36	18°55	15°12	9°15	6°48	23°24	24°24	28°25	10° 4	0°13	9°41	10°30	29° 9	24°29	F 9
S 10	17 15 8	20° 4'24	1♌10	17°22	10°25	7°25	23°33	24°23	28°27	10° 6	0°14	9°33	10°27	29°15	24°28	S 10
S 11	17 19 5	21° 2'11	13°36	19°34	11°34	8° 2	23°42	24°21	28°30	10° 7	0°14	9°28	10°24	29°22	24°26	S 11
M12	17 23 1	21°59'57	26°14	21°45	12°44	8°38	23°51	24°20	28°32	10° 9	0°15	9°26	10°20	29°29	24°25	M12
T 13	17 26 58	22°57'41	9♍ 9	23°57	13°53	9°15	24° 0	24°18	28°34	10°11	0°16	9°D25	10°17	29°35	24°24	T 13
W14	17 30 55	23°55'23	22°23	26° 9	15° 3	9°52	24°10	24°17	28°37	10°13	0°17	9°R25	10°14	29°42	24°23	W14
T 15	17 34 51	24°53'04	6♎ 0	28°21	16°13	10°28	24°19	24°16	28°39	10°14	0°18	9°25	10°11	29°49	24°23	T 15
F 16	17 38 48	25°50'44	20° 1	0♋32	17°23	11° 5	24°29	24°15	28°41	10°16	0°19	9°23	10° 8	29°56	24°22	F 16
S 17	17 42 44	26°48'22	4♏27	2°43	18°32	11°42	24°38	24°14	28°43	10°18	0°20	9°19	10° 5	0♊ 2	24°21	S 17
S 18	17 46 41	27°45'58	19°15	4°52	19°42	12°19	24°48	24°13	28°46	10°20	0°20	9°12	10° 1	0° 9	24°21	S 18
M19	17 50 37	28°43'34	4♐18	7° 0	20°52	12°55	24°58	24°12	28°48	10°21	0°21	9° 3	9°58	0°16	24°21	M19
T 20	17 54 34	29°41'08	19°29	9° 7	22° 2	13°32	25° 7	24°12	28°50	10°23	0°22	8°54	9°55	0°23	24°21	T 20
W21	17 58 30	0♋38'41	4♑36	11°12	23°13	14° 9	25°17	24°11	28°52	10°25	0°24	8°44	9°52	0°29	24°D20	W21
T 22	18 2 27	1°36'13	19°30	13°15	24°23	14°46	25°27	24°10	28°54	10°26	0°25	8°35	9°49	0°36	24°20	T 22
F 23	18 6 24	2°33'44	4♒ 1	15°16	25°33	15°23	25°38	24°10	28°56	10°28	0°26	8°29	9°46	0°43	24°21	F 23
S 24	18 10 20	3°31'15	18° 6	17°15	26°43	15°59	25°48	24°10	28°58	10°29	0°27	8°25	9°42	0°49	24°21	S 24
S 25	18 14 17	4°28'44	1♓42	19°12	27°54	16°36	25°58	24°10	28°59	10°31	0°28	8°24	9°39	0°56	24°21	S 25
M26	18 18 13	5°26'13	14°50	21° 6	29° 4	17°13	26° 9	24°D10	29° 1	10°32	0°29	8°D24	9°36	1° 3	24°22	M26
T 27	18 22 10	6°23'41	27°34	22°58	0♊14	17°50	26°19	24°10	29° 3	10°34	0°30	8°24	9°33	1°10	24°22	T 27
W28	18 26 6	7°21'09	9♈57	24°47	1°25	18°27	26°30	24°10	29° 5	10°35	0°31	8°R24	9°30	1°16	24°23	W28
T 29	18 30 3	8°18'36	22° 5	26°34	2°35	19° 3	26°40	24°10	29° 6	10°37	0°32	8°23	9°26	1°23	24°24	T 29
F 30	18 33 59	9♋16'03	4♉ 3	28♋19	3♊46	19♌40	26♌51	24♎10	29♈ 8	10♉38	0♍34	8♍20	9♍23	1♊30	24♎25	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 0	2n46	2s41	18n25	1s21	9n34	1s58	21n 1	1n27	14n42	0n46	7s 3	2n38	10n 9	0s37	13n11	1s33	18n18	7n26	7n20	7n25	14n44	9s45	0s15
F 2	22 8	6 28	3 30	18 59	1 11	9 57	1 59	20 52	1 27	14 40	0 46	7 2	2 38	10 10	0 37	13 12	1 33	18 18	7 26	7 22	7 27	14 46	9 44	0 14
S 3	22 15	9 53	4 10	19 32	1 2	10 19	2 0	20 44	1 26	14 37	0 46	7 2	2 38	10 10	0 37	13 12	1 33	18 18	7 26	7 25	7 28	14 47	9 42	0 14
S 4	22 22	12 54	4 39	20 5	0 52	10 42	2 1	20 35	1 26	14 35	0 46	7 1	2 37	10 11	0 37	13 13	1 33	18 17	7 26	7 29	7 29	14 48	9 41	0 14
M 5	22 28	15 23	4 55	20 36	0 42	11 4	2 2	20 26	1 26	14 32	0 45	7 0	2 37	10 12	0 37	13 14	1 33	18 17	7 25	7 34	7 30	14 49	9 40	0 13
T 6	22 34	17 14	4 59	21 7	0 31	11 26	2 3	20 17	1 26	14 29	0 45	7 0	2 37	10 13	0 37	13 14	1 33	18 16	7 25	7 39	7 31	14 51	9 39	0 13
W 7	22 40	18 21	4 50	21 35	0 21	11 47	2 4	20 8	1 25	14 26	0 45	6 59	2 37	10 14	0 37	13 15	1 33	18 16	7 25	7 45	7 33	14 52	9 38	0 12
T 8	22 45	18 39	4 28	22 3	0 10	12 9	2 5	19 58	1 25	14 23	0 45	6 59	2 36	10 15	0 37	13 15	1 33	18 16	7 25	7 49	7 34	14 53	9 37	0 12
F 9	22 50	18 6	3 53	22 28	0n 0	12 30	2 5	19 49	1 25	14 21	0 45	6 58	2 36	10 16	0 37	13 16	1 33	18 15	7 25	7 53	7 35	14 54	9 36	0 12
S 10	22 55	16 43	3 7	22 52	0 11	12 51	2 6	19 39	1 24	14 18	0 45	6 58	2 36	10 17	0 37	13 16	1 33	18 15	7 25	7 56	7 36	14 56	9 36	0 11
S 11	22 59	14 31	2 12	23 14	0 21	13 12	2 6	19 30	1 24	14 15	0 45	6 58	2 36	10 17	0 37	13 17	1 33	18 15	7 25	7 58	7 37	14 57	9 35	0 11
M12	23 3	11 36	1 9	23 33	0 31	13 33	2 6	19 20	1 24	14 12	0 45	6 57	2 36	10 18	0 37	13 17	1 33	18 14	7 25	7 59	7 39	14 58	9 34	0 10
T 13	23 6	8 4	0 1	23 50	0 41	13 53	2 7	19 10	1 23	14 9	0 45	6 57	2 35	10 19	0 37	13 18	1 33	18 14	7 24	7 59	7 40	14 59	9 33	0 10
W14	23 9	4 3	1n 8	24 5	0 51	14 13	2 7	19 0	1 23	14 5	0 45	6 57	2 35	10 20	0 37	13 18	1 33	18 13	7 24	7 59	7 41	15 0	9 33	0 10
T 15	23 11	0s17	2 16	24 17	1 0	14 33	2 7	18 49	1 23	14 2	0 45	6 57	2 35	10 21	0 37	13 19	1 33	18 13	7 24	7 59	7 42	15 2	9 32	0 9
F 16	23 13	4 43	3 18	24 26	1 9	14 53	2 7	18 39	1 22	13 59	0 45	6 56	2 35	10 21	0 37	13 19	1 33	18 13	7 24	8 0	7 43	15 3	9 31	0 9
S 17	23 15	9 1	4 8	24 32	1 17	15 12	2 6	18 29	1 22	13 56	0 45	6 56	2 34	10 22	0 37	13 20	1 33	18 12	7 24	8 2	7 44	15 4	9 31	0 8
S 18	23 16	12 52	4 44	24 36	1 25	15 31	2 6	18 18	1 22	13 53	0 45	6 56	2 34	10 23	0 37	13 20	1 33	18 12	7 24	8 4	7 46	15 5	9 30	0 8
M19	23 17	15 56	5 1	24 37	1 32	15 50	2 6	18 7	1 21	13 49	0 45	6 56	2 34	10 24	0 37	13 21	1 34	18 11	7 24	8 7	7 47	15 7	9 30	0 8
T 20	23 17	17 56	4 57	24 36	1 38	16 8	2 5	17 57	1 21	13 46	0 45	6 56	2 34	10 24	0 37	13 21	1 34	18 11	7 24	8 11	7 48	15 8	9 29	0 7
W21	23 17	18 40	4 32	24 32	1 44	16 26	2 5	17 46	1 21	13 43	0 45	6 56	2 33	10 25	0 37	13 22	1 34	18 10	7 24	8 15	7 49	15 9	9 29	0 7
T 22	23 16	18 6	3 49	24 25	1 48	16 44	2 4	17 35	1 20	13 39	0 45	6 56	2 33	10 26	0 37	13 22	1 34	18 10	7 23	8 18	7 50	15 10	9 29	0 6
F 23	23 16	16 20	2 52	24 17	1 52	17 1	2 3	17 24	1 20	13 36	0 45	6 56	2 33	10 26	0 37	13 23	1 34	18 9	7 23	8 20	7 52	15 11	9 28	0 6
S 24	23 14	13 38	1 46	24 5	1 56	17 18	2 3	17 12	1 20	13 32	0 45	6 57	2 33	10 27	0 37	13 23	1 34	18 9	7 23	8 22	7 53	15 13	9 28	0 6
S 25	23 12	10 15	0 36	23 52	1 58	17 35	2 2	17 1	1 19	13 29	0 45	6 57	2 32	10 28	0 37	13 24	1 34	18 8	7 23	8 22	7 54	15 14	9 28	0 5
M26	23 10	6 28	0s34	23 37	2 0	17 51	2 1	16 50	1 19	13 25	0 45	6 57	2 32	10 28	0 38	13 24	1 34	18 8	7 23	8 22	7 55	15 15	9 27	0 5
T 27	23 8	2 30	1 40	23 20	2 1	18 7	2 0	16 38	1 19	13 22	0 45	6 57	2 32	10 29	0 38	13 24	1 34	18 7	7 23	8 22	7 56	15 16	9 27	0 4
W28	23 5	1n27	2 40	23 1	2 1	18 22	1 59	16 27	1 18	13 18	0 45	6 57	2 32	10 29	0 38	13 25	1 34	18 7	7 23	8 22	7 58	15 17	9 27	0 4
T 29	23 1	5 16	3 31	22 40	2 0	18 37	1 57	16 15	1 18	13 15	0 45	6 58	2 31	10 30	0 38	13 25	1 34	18 6	7 23	8 22	7 59	15 19	9 27	0 4
F 30	22n58	8n49	4s12	22n18	1n59	18n52	1s56	16n 3	1n18	13n11	0n45	6s58	2n31	10n31	0s38	13n26	1s34	18n 6	7n23	8n23	8n 0	15n20	9s27	0s 3

Julian Day Number = 2885969.5, Delta T = 01h17m20s
Ecliptic obliquity = 23°16'58, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°23'52, Lahiri = 40°30'52

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ASTRODIENST EPHEMERIS for the year 3189
geocentric

JULY 3189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 37 56	10♋13'29	15♉56	0♌ 1	4♊57	20♌17	27♌ 2	24♎11	29♈10	10♉39	0♍35	8°R15	9♍20	1♊36	24♎26	S 1
S 2	18 41 53	11°10'54	27°47	1°40	6° 7	20°54	27°13	24°11	29°11	10°41	0°36	8♍ 7	9°17	1°43	24°27	S 2
M 3	18 45 49	12° 8'19	9♊39	3°17	7°18	21°31	27°24	24°12	29°13	10°42	0°37	7°58	9°14	1°50	24°28	M 3
T 4	18 49 46	13° 5'44	21°36	4°51	8°29	22° 8	27°35	24°13	29°14	10°43	0°39	7°48	9°11	1°57	24°29	T 4
W 5	18 53 42	14° 3'08	3♋40	6°22	9°40	22°45	27°46	24°14	29°16	10°45	0°40	7°38	9° 7	2° 3	24°31	W 5
T 6	18 57 39	15° 0'31	15°50	7°51	10°51	23°22	27°57	24°15	29°17	10°46	0°41	7°29	9° 4	2°10	24°32	T 6
F 7	19 1 35	15°57'54	28°10	9°17	12° 2	23°59	28° 8	24°16	29°18	10°47	0°43	7°21	9° 1	2°17	24°34	F 7
S 8	19 5 32	16°55'16	10♌39	10°41	13°13	24°36	28°19	24°17	29°20	10°48	0°44	7°16	8°58	2°24	24°36	S 8
S 9	19 9 28	17°52'37	23°19	12° 1	14°24	25°13	28°31	24°18	29°21	10°49	0°46	7°13	8°55	2°30	24°38	S 9
M10	19 13 25	18°49'58	6♍11	13°19	15°35	25°50	28°42	24°20	29°22	10°50	0°47	7°D12	8°52	2°37	24°40	M10
T 11	19 17 22	19°47'18	19°17	14°34	16°46	26°27	28°54	24°21	29°23	10°51	0°48	7°12	8°48	2°44	24°42	T 11
W12	19 21 18	20°44'38	2♎38	15°47	17°57	27° 4	29° 5	24°23	29°24	10°53	0°50	7°13	8°45	2°50	24°44	W12
T 13	19 25 15	21°41'56	16°16	16°56	19° 8	27°41	29°17	24°24	29°25	10°54	0°51	7°R14	8°42	2°57	24°47	T 13
F 14	19 29 11	22°39'14	0♏12	18° 2	20°20	28°18	29°29	24°26	29°27	10°55	0°53	7°14	8°39	3° 4	24°49	F 14
S 15	19 33 8	23°36'31	14°26	19° 5	21°31	28°55	29°41	24°28	29°27	10°55	0°54	7°12	8°36	3°11	24°52	S 15
S 16	19 37 4	24°33'48	28°57	20° 6	22°42	29°32	29°52	24°30	29°28	10°56	0°56	7° 9	8°32	3°17	24°54	S 16
M17	19 41 1	25°31'04	13♐39	21° 2	23°54	0♍ 9	0♍ 4	24°32	29°29	10°57	0°57	7° 4	8°29	3°24	24°57	M17
T 18	19 44 57	26°28'20	28°28	21°56	25° 5	0°46	0°16	24°34	29°30	10°58	0°59	6°58	8°26	3°31	25° 0	T 18
W19	19 48 54	27°25'36	13♑14	22°46	26°16	1°23	0°28	24°36	29°31	10°59	1° 0	6°52	8°23	3°37	25° 3	W19
T 20	19 52 51	28°22'51	27°51	23°32	27°28	2° 0	0°40	24°39	29°32	11° 0	1° 2	6°47	8°20	3°44	25° 6	T 20
F 21	19 56 47	29°20'06	12♒12	24°15	28°39	2°38	0°52	24°41	29°32	11° 1	1° 3	6°44	8°17	3°51	25° 9	F 21
S 22	20 0 44	0♌17'20	26°11	24°54	29°51	3°15	1° 4	24°44	29°33	11° 1	1° 5	6°42	8°13	3°58	25°13	S 22
S 23	20 4 40	1°14'35	9♓45	25°28	1♋ 3	3°52	1°17	24°46	29°34	11° 2	1° 7	6°D41	8°10	4° 4	25°16	S 23
M24	20 8 37	2°11'50	22°55	25°59	2°14	4°29	1°29	24°49	29°34	11° 3	1° 8	6°42	8° 7	4°11	25°19	M24
T 25	20 12 33	3° 9'05	5♈41	26°26	3°26	5° 6	1°41	24°52	29°35	11° 3	1°10	6°43	8° 4	4°18	25°23	T 25
W26	20 16 30	4° 6'20	18° 8	26°48	4°38	5°43	1°53	24°55	29°35	11° 4	1°12	6°45	8° 1	4°25	25°27	W26
T 27	20 20 26	5° 3'36	0♉19	27° 6	5°50	6°21	2° 6	24°58	29°35	11° 5	1°13	6°R46	7°57	4°31	25°30	T 27
F 28	20 24 23	6° 0'52	12°20	27°19	7° 1	6°58	2°18	25° 1	29°36	11° 5	1°15	6°46	7°54	4°38	25°34	F 28
S 29	20 28 20	6°58'08	24°14	27°28	8°13	7°35	2°31	25° 4	29°36	11° 6	1°16	6°45	7°51	4°45	25°38	S 29
S 30	20 32 16	7°55'25	6♊ 6	27°R32	9°25	8°12	2°43	25° 7	29°36	11° 6	1°18	6°42	7°48	4°51	25°42	S 30
M31	20 36 13	8♌52'42	18♊ 1	27♌31	10♋37	8♍50	2♍56	25♎10	29♈37	11♉ 7	1♍20	6♍38	7♍45	4♊58	25♎47	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n54	11n59	4s42	21n55	1n57	19n 6	1s55	15n51	1n17	13n 7	0n45	6s59	2n31	10n31	0s38	13n26	1s34	18n 5	7n23	8n25	8n 1	15n21	9s27	0s 3
S 2	22 49	14 40	5 0	21 31	1 54	19 20	1 53	15 39	1 17	13 4	0 45	6 59	2 31	10 32	0 38	13 26	1 34	18 5	7 22	8 28	8 2	15 22	9 27	0 3
M 3	22 44	16 44	5 5	21 5	1 51	19 33	1 52	15 27	1 16	13 0	0 45	6 59	2 30	10 32	0 38	13 27	1 34	18 4	7 22	8 32	8 3	15 23	9 27	0 2
T 4	22 39	18 6	4 56	20 39	1 46	19 45	1 50	15 15	1 16	12 56	0 45	7 0	2 30	10 33	0 38	13 27	1 34	18 4	7 22	8 35	8 5	15 25	9 27	0 2
W 5	22 33	18 40	4 34	20 12	1 41	19 58	1 49	15 2	1 16	12 52	0 45	7 1	2 30	10 33	0 38	13 27	1 34	18 3	7 22	8 39	8 6	15 26	9 28	0 1
T 6	22 27	18 23	4 0	19 44	1 36	20 9	1 47	14 50	1 15	12 48	0 45	7 1	2 30	10 34	0 38	13 28	1 34	18 3	7 22	8 43	8 7	15 27	9 28	0 1
F 7	22 20	17 14	3 14	19 15	1 29	20 21	1 45	14 37	1 15	12 45	0 45	7 2	2 29	10 34	0 38	13 28	1 34	18 2	7 22	8 45	8 8	15 28	9 28	0 1
S 8	22 13	15 14	2 18	18 46	1 22	20 31	1 44	14 25	1 15	12 41	0 45	7 2	2 29	10 34	0 38	13 28	1 34	18 1	7 22	8 47	8 9	15 29	9 28	0 0
S 9	22 6	12 29	1 14	18 17	1 15	20 42	1 42	14 12	1 14	12 37	0 45	7 3	2 29	10 35	0 38	13 29	1 34	18 1	7 22	8 48	8 11	15 30	9 29	0n 0
M10	21 58	9 6	0 5	17 47	1 7	20 51	1 40	13 59	1 14	12 33	0 45	7 4	2 29	10 35	0 38	13 29	1 34	18 0	7 22	8 49	8 12	15 32	9 29	0 0
T 11	21 50	5 13	1n 5	17 17	0 58	21 0	1 38	13 46	1 14	12 29	0 45	7 5	2 28	10 36	0 38	13 29	1 35	18 0	7 22	8 49	8 13	15 33	9 30	0 1
W12	21 42	1 0	2 13	16 47	0 49	21 9	1 36	13 34	1 13	12 25	0 45	7 5	2 28	10 36	0 38	13 29	1 35	17 59	7 22	8 48	8 14	15 34	9 30	0 1
T 13	21 33	3s21	3 15	16 17	0 39	21 17	1 34	13 20	1 13	12 21	0 45	7 6	2 28	10 36	0 38	13 30	1 35	17 59	7 22	8 48	8 15	15 35	9 31	0 2
F 14	21 24	7 36	4 7	15 46	0 28	21 25	1 32	13 7	1 13	12 17	0 45	7 7	2 28	10 37	0 38	13 30	1 35	17 58	7 22	8 48	8 17	15 36	9 31	0 2
S 15	21 14	11 31	4 45	15 17	0 17	21 32	1 29	12 54	1 12	12 12	0 45	7 8	2 27	10 37	0 38	13 30	1 35	17 57	7 22	8 49	8 18	15 37	9 32	0 2
S 16	21 4	14 49	5 6	14 47	0 6	21 38	1 27	12 41	1 12	12 8	0 45	7 9	2 27	10 37	0 38	13 30	1 35	17 57	7 22	8 50	8 19	15 39	9 32	0 3
M17	20 54	17 12	5 7	14 18	0s 6	21 44	1 25	12 28	1 11	12 4	0 45	7 10	2 27	10 38	0 38	13 31	1 35	17 56	7 22	8 52	8 20	15 40	9 33	0 3
T 18	20 43	18 29	4 48	13 49	0 18	21 49	1 23	12 14	1 11	12 0	0 45	7 11	2 27	10 38	0 38	13 31	1 35	17 56	7 21	8 54	8 21	15 41	9 34	0 3
W19	20 32	18 29	4 10	13 21	0 31	21 54	1 20	12 1	1 11	11 56	0 45	7 12	2 26	10 38	0 38	13 31	1 35	17 55	7 21	8 56	8 22	15 42	9 35	0 4
T 20	20 21	17 16	3 15	12 53	0 44	21 58	1 18	11 47	1 10	11 52	0 45	7 13	2 26	10 38	0 38	13 31	1 35	17 54	7 21	8 58	8 24	15 43	9 35	0 4
F 21	20 9	14 57	2 9	12 26	0 58	22 1	1 15	11 34	1 10	11 47	0 45	7 14	2 26	10 39	0 38	13 32	1 35	17 54	7 21	8 59	8 25	15 44	9 36	0 4
S 22	19 57	11 49	0 57	12 1	1 12	22 4	1 13	11 20	1 10	11 43	0 45	7 15	2 26	10 39	0 38	13 32	1 35	17 53	7 21	9 0	8 26	15 45	9 37	0 5
S 23	19 45	8 7	0s17	11 36	1 26	22 6	1 10	11 6	1 9	11 39	0 45	7 16	2 25	10 39	0 38	13 32	1 35	17 53	7 21	9 0	8 27	15 47	9 38	0 5
M24	19 32	4 8	1 27	11 12	1 40	22 8	1 8	10 52	1 9	11 34	0 45	7 18	2 25	10 39	0 38	13 32	1 35	17 52	7 21	9 0	8 28	15 48	9 39	0 5
T 25	19 20	0 5	2 32	10 49	1 55	22 9	1 5	10 38	1 8	11 30	0 45	7 19	2 25	10 39	0 38	13 32	1 35	17 51	7 21	8 59	8 29	15 49	9 40	0 6
W26	19 6	3n52	3 27	10 28	2 10	22 10	1 3	10 25	1 8	11 26	0 45	7 20	2 25	10 39	0 38	13 32	1 35	17 51	7 21	8 59	8 31	15 50	9 41	0 6
T 27	18 53	7 34	4 12	10 8	2 25	22 9	1 0	10 11	1 8	11 21	0 45	7 21	2 24	10 39	0 38	13 32	1 35	17 50	7 21	8 58	8 32	15 51	9 42	0 7
F 28	18 39	10 54	4 45	9 49	2 39	22 9	0 57	9 56	1 7	11 17	0 45	7 23	2 24	10 40	0 38	13 33	1 35	17 50	7 21	8 58	8 33	15 52	9 43	0 7
S 29	18 25	13 46	5 5	9 33	2 54	22 7	0 55	9 42	1 7	11 12	0 45	7 24	2 24	10 40	0 38	13 33	1 36	17 49	7 21	8 59	8 34	15 53	9 44	0 7
S 30	18 10	16 3	5 13	9 18	3 9	22 5	0 52	9 28	1 7	11 8	0 45	7 25	2 24	10 40	0 38	13 33	1 36	17 48	7 21	9 0	8 35	15 55	9 45	0 8
M31	17n55	17n39	5s 7	9n 4	3s23	22n 3	0s49	9n14	1n 6	11n 4	0n45	7s27	2n24	10n40	0s38	13n33	1s36	17n48	7n21	9n 1	8n37	15n56	9s47	0n 8

Julian Day Number = 2885999.5, Delta T = 01h17m20s
Ecliptic obliquity = 23°16'58, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°23'56, Lahiri = 40°30'57

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ASTRODIENST EPHEMERIS for the year 3189
geocentric

AUGUST 3189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 40 9	9♌49'59	0♋ 2	27°R26	11♋49	9♍27	3♍ 8	25♎14	29♈37	11♉ 7	1♍22	6°R34	7♍42	5♊ 5	25♎51	T 1
W 2	20 44 6	10°47'17	12°12	27♌15	13° 1	10° 4	3°21	25°17	29°37	11° 8	1°23	6♍30	7°38	5°12	25°55	W 2
T 3	20 48 2	11°44'35	24°33	27° 0	14°13	10°41	3°33	25°21	29°37	11° 8	1°25	6°26	7°35	5°18	26° 0	T 3
F 4	20 51 59	12°41'54	7♌ 7	26°41	15°26	11°19	3°46	25°25	29°R37	11° 8	1°27	6°23	7°32	5°25	26° 4	F 4
S 5	20 55 56	13°39'13	19°53	26°17	16°38	11°56	3°59	25°28	29°37	11° 9	1°28	6°21	7°29	5°32	26° 9	S 5
S 6	20 59 52	14°36'32	2♍53	25°49	17°50	12°34	4°12	25°32	29°37	11° 9	1°30	6°D20	7°26	5°39	26°14	S 6
M 7	21 3 49	15°33'51	16° 6	25°18	19° 2	13°11	4°24	25°36	29°37	11° 9	1°32	6°20	7°23	5°45	26°18	M 7
T 8	21 7 45	16°31'11	29°33	24°43	20°14	13°48	4°37	25°40	29°36	11° 9	1°34	6°21	7°19	5°52	26°23	T 8
W 9	21 11 42	17°28'31	13♎11	24° 5	21°27	14°26	4°50	25°44	29°36	11° 9	1°35	6°22	7°16	5°59	26°28	W 9
T 10	21 15 38	18°25'51	27° 1	23°25	22°39	15° 3	5° 3	25°48	29°36	11°10	1°37	6°24	7°13	6° 5	26°33	T 10
F 11	21 19 35	19°23'11	11♏ 2	22°44	23°52	15°41	5°16	25°53	29°36	11°10	1°39	6°24	7°10	6°12	26°39	F 11
S 12	21 23 31	20°20'31	25°12	22° 1	25° 4	16°18	5°29	25°57	29°35	11°10	1°41	6°R24	7° 7	6°19	26°44	S 12
S 13	21 27 28	21°17'52	9♐30	21°19	26°17	16°56	5°41	26° 1	29°35	11°10	1°43	6°24	7° 3	6°26	26°49	S 13
M14	21 31 24	22°15'13	23°52	20°37	27°29	17°33	5°54	26° 6	29°34	11°R10	1°44	6°23	7° 0	6°32	26°55	M14
T 15	21 35 21	23°12'35	8♑15	19°56	28°42	18°11	6° 7	26°10	29°34	11°10	1°46	6°21	6°57	6°39	27° 0	T 15
W16	21 39 18	24° 9'57	22°35	19°17	29°54	18°48	6°20	26°15	29°33	11°10	1°48	6°20	6°54	6°46	27° 6	W16
T 17	21 43 14	25° 7'19	6♒46	18°42	1♌ 7	19°26	6°33	26°20	29°33	11°10	1°50	6°18	6°51	6°52	27°11	T 17
F 18	21 47 11	26° 4'42	20°44	18°10	2°20	20° 3	6°46	26°24	29°32	11° 9	1°52	6°17	6°48	6°59	27°17	F 18
S 19	21 51 7	27° 2'05	4♓26	17°41	3°32	20°41	6°59	26°29	29°31	11° 9	1°53	6°D17	6°44	7° 6	27°23	S 19
S 20	21 55 4	27°59'30	17°49	17°18	4°45	21°18	7°12	26°34	29°30	11° 9	1°55	6°17	6°41	7°13	27°29	S 20
M21	21 59 0	28°56'55	0♈52	17° 0	5°58	21°56	7°25	26°39	29°30	11° 9	1°57	6°18	6°38	7°19	27°35	M21
T 22	22 2 57	29°54'21	13°36	16°48	7°11	22°34	7°39	26°44	29°29	11° 9	1°59	6°18	6°35	7°26	27°41	T 22
W23	22 6 53	0♍51'48	26° 3	16°41	8°24	23°11	7°52	26°49	29°28	11° 8	2° 1	6°19	6°32	7°33	27°47	W23
T 24	22 10 50	1°49'16	8♉16	16°D41	9°37	23°49	8° 5	26°55	29°27	11° 8	2° 2	6°19	6°29	7°40	27°53	T 24
F 25	22 14 47	2°46'46	20°18	16°48	10°50	24°27	8°18	27° 0	29°26	11° 8	2° 4	6°20	6°25	7°46	27°59	F 25
S 26	22 18 43	3°44'16	2♊13	17° 1	12° 3	25° 4	8°31	27° 5	29°25	11° 7	2° 6	6°R20	6°22	7°53	28° 6	S 26
S 27	22 22 40	4°41'48	14° 6	17°21	13°16	25°42	8°44	27°11	29°24	11° 7	2° 8	6°20	6°19	8° 0	28°12	S 27
M28	22 26 36	5°39'21	26° 2	17°47	14°29	26°20	8°57	27°16	29°23	11° 6	2°10	6°20	6°16	8° 6	28°18	M28
T 29	22 30 33	6°36'56	8♋ 5	18°21	15°42	26°58	9°10	27°21	29°22	11° 6	2°11	6°D20	6°13	8°13	28°25	T 29
W30	22 34 29	7°34'31	20°19	19° 1	16°55	27°35	9°23	27°27	29°21	11° 5	2°13	6°20	6° 9	8°20	28°32	W30
T 31	22 38 26	8♍32'08	2♌48	19♌48	18♌ 8	28♍13	9♍37	27♎33	29♈19	11♉ 5	2♍15	6♍20	6♍ 6	8♊27	28♎38	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n40	18n30	4s47	8n53	3s37	21n59	0s47	9n 0	1n 6	10n59	0n45	7s28	2n23	10n40	0s38	13n33	1s36	17n47	7n21	9n 3	8n38	15n57	9s48	0n 8
W 2	17 25	18 30	4 14	8 44	3 50	21 55	0 44	8 45	1 5	10 55	0 45	7 30	2 23	10 40	0 38	13 33	1 36	17 46	7 21	9 4	8 39	15 58	9 49	0 9
T 3	17 9	17 38	3 30	8 37	4 3	21 51	0 41	8 31	1 5	10 50	0 45	7 31	2 23	10 40	0 38	13 33	1 36	17 46	7 21	9 6	8 40	15 59	9 50	0 9
F 4	16 53	15 54	2 34	8 33	4 15	21 46	0 38	8 16	1 5	10 45	0 45	7 33	2 23	10 40	0 39	13 33	1 36	17 45	7 21	9 7	8 41	16 0	9 52	0 9
S 5	16 37	13 20	1 29	8 30	4 26	21 40	0 35	8 2	1 4	10 41	0 45	7 34	2 22	10 40	0 39	13 33	1 36	17 45	7 21	9 8	8 42	16 1	9 53	0 10
S 6	16 21	10 5	0 19	8 30	4 35	21 34	0 33	7 47	1 4	10 36	0 45	7 36	2 22	10 40	0 39	13 33	1 36	17 44	7 21	9 8	8 44	16 2	9 54	0 10
M 7	16 4	6 16	0n54	8 32	4 44	21 27	0 30	7 33	1 3	10 32	0 45	7 38	2 22	10 40	0 39	13 33	1 36	17 43	7 21	9 8	8 45	16 3	9 56	0 10
T 8	15 47	2 5	2 4	8 37	4 52	21 19	0 27	7 18	1 3	10 27	0 45	7 39	2 22	10 40	0 39	13 33	1 36	17 43	7 21	9 7	8 46	16 5	9 57	0 11
W 9	15 30	2s16	3 9	8 43	4 58	21 11	0 24	7 3	1 3	10 22	0 45	7 41	2 22	10 39	0 39	13 33	1 36	17 42	7 21	9 7	8 47	16 6	9 59	0 11
T 10	15 12	6 32	4 4	8 52	5 2	21 2	0 22	6 49	1 2	10 18	0 45	7 43	2 21	10 39	0 39	13 33	1 36	17 42	7 21	9 6	8 48	16 7	10 0	0 11
F 11	14 55	10 31	4 45	9 3	5 5	20 53	0 19	6 34	1 2	10 13	0 45	7 44	2 21	10 39	0 39	13 33	1 36	17 41	7 21	9 6	8 49	16 8	10 2	0 12
S 12	14 37	13 55	5 10	9 15	5 6	20 43	0 16	6 19	1 1	10 8	0 45	7 46	2 21	10 39	0 39	13 33	1 36	17 40	7 21	9 6	8 51	16 9	10 3	0 12
S 13	14 19	16 32	5 15	9 29	5 5	20 33	0 13	6 4	1 1	10 4	0 45	7 48	2 21	10 39	0 39	13 33	1 36	17 40	7 21	9 6	8 52	16 10	10 5	0 12
M14	14 0	18 8	5 1	9 45	5 2	20 21	0 10	5 49	1 1	9 59	0 45	7 50	2 21	10 39	0 39	13 33	1 36	17 39	7 21	9 7	8 53	16 11	10 7	0 13
T 15	13 42	18 34	4 28	10 1	4 58	20 10	0 8	5 34	1 0	9 54	0 45	7 51	2 20	10 38	0 39	13 33	1 36	17 38	7 21	9 7	8 54	16 12	10 8	0 13
W16	13 23	17 48	3 39	10 19	4 52	19 58	0 5	5 19	1 0	9 50	0 45	7 53	2 20	10 38	0 39	13 33	1 37	17 38	7 21	9 8	8 55	16 13	10 10	0 13
T 17	13 4	15 56	2 36	10 37	4 44	19 45	0 2	5 4	0 59	9 45	0 45	7 55	2 20	10 38	0 39	13 33	1 37	17 37	7 21	9 8	8 56	16 14	10 12	0 13
F 18	12 45	13 9	1 25	10 55	4 35	19 31	0n 1	4 49	0 59	9 40	0 45	7 57	2 20	10 38	0 39	13 33	1 37	17 37	7 22	9 9	8 58	16 16	10 13	0 14
S 19	12 25	9 40	0 10	11 14	4 24	19 17	0 3	4 34	0 59	9 35	0 45	7 59	2 20	10 37	0 39	13 33	1 37	17 36	7 22	9 9	8 59	16 17	10 15	0 14
S 20	12 6	5 46	1s 3	11 32	4 12	19 3	0 6	4 19	0 58	9 31	0 45	8 1	2 19	10 37	0 39	13 32	1 37	17 35	7 22	9 9	9 0	16 18	10 17	0 14
M21	11 46	1 41	2 12	11 50	3 59	18 48	0 9	4 4	0 58	9 26	0 45	8 3	2 19	10 37	0 39	13 32	1 37	17 35	7 22	9 9	9 1	16 19	10 19	0 15
T 22	11 26	2n23	3 12	12 8	3 45	18 32	0 11	3 49	0 57	9 21	0 45	8 5	2 19	10 37	0 39	13 32	1 37	17 34	7 22	9 8	9 2	16 20	10 21	0 15
W23	11 6	6 14	4 2	12 24	3 30	18 16	0 14	3 34	0 57	9 16	0 45	8 7	2 19	10 36	0 39	13 32	1 37	17 34	7 22	9 8	9 3	16 21	10 23	0 15
T 24	10 45	9 45	4 40	12 39	3 14	18 0	0 17	3 18	0 56	9 11	0 45	8 9	2 19	10 36	0 39	13 32	1 37	17 33	7 22	9 8	9 5	16 22	10 24	0 16
F 25	10 25	12 48	5 5	12 52	2 58	17 43	0 19	3 3	0 56	9 7	0 45	8 11	2 18	10 35	0 39	13 32	1 37	17 32	7 22	9 8	9 6	16 23	10 26	0 16
S 26	10 4	15 18	5 16	13 5	2 41	17 25	0 22	2 48	0 56	9 2	0 46	8 13	2 18	10 35	0 39	13 32	1 37	17 32	7 22	9 8	9 7	16 24	10 28	0 16
S 27	9 44	17 9	5 14	13 15	2 24	17 7	0 24	2 33	0 55	8 57	0 46	8 15	2 18	10 35	0 39	13 31	1 37	17 31	7 22	9 8	9 8	16 25	10 30	0 17
M28	9 23	18 15	4 58	13 23	2 7	16 48	0 27	2 17	0 55	8 52	0 46	8 17	2 18	10 34	0 39	13 31	1 37	17 31	7 22	9 8	9 9	16 26	10 32	0 17
T 29	9 2	18 33	4 30	13 29	1 50	16 29	0 29	2 2	0 54	8 47	0 46	8 19	2 18	10 34	0 39	13 31	1 37	17 30	7 22	9 8	9 10	16 27	10 34	0 17
W30	8 40	18 0	3 48	13 33	1 33	16 10	0 32	1 47	0 54	8 42	0 46	8 21	2 18	10 33	0 39	13 31	1 37	17 29	7 22	9 8	9 12	16 28	10 36	0 18
T 31	8n19	16n33	2s55	13n34	1s16	15n50	0n34	1n31	0n54	8n37	0n46	8s24	2n17	10n33	0s39	13n31	1s37	17n29	7n22	9n 8	9n13	16n29	10s38	0n18

Julian Day Number = 2886030.5, Delta T = 01h17m21s
Ecliptic obliquity = 23°16'59, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°24'00, Lahiri = 40°31'01

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ASTRODIENST EPHEMERIS for the year 3189
geocentric

SEPTEMBER 3189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 42 22	9♍29'46	15♌33	20♌42	19♌22	28♍51	9♍50	27♎38	29°R18	11°R 4	2♍17	6♍20	6♍ 3	8♊33	28♎45	F 1
S 2	22 46 19	10°27'26	28°35	21°42	20°35	29°29	10° 3	27°44	29♈17	11♉ 4	2°19	6°20	6° 0	8°40	28°52	S 2
S 3	22 50 16	11°25'06	11♍56	22°48	21°48	0♎ 7	10°16	27°50	29°15	11° 3	2°21	6°R20	5°57	8°47	28°59	S 3
M 4	22 54 12	12°22'48	25°34	24° 0	23° 2	0°45	10°29	27°56	29°14	11° 2	2°22	6°20	5°54	8°53	29° 6	M 4
T 5	22 58 9	13°20'30	9♎27	25°18	24°15	1°23	10°42	28° 2	29°13	11° 2	2°24	6°20	5°50	9° 0	29°13	T 5
W 6	23 2 5	14°18'14	23°31	26°41	25°29	2° 1	10°55	28° 8	29°11	11° 1	2°26	6°19	5°47	9° 7	29°20	W 6
T 7	23 6 2	15°15'59	7♏43	28°10	26°42	2°39	11° 9	28°14	29°10	11° 0	2°28	6°18	5°44	9°14	29°27	T 7
F 8	23 9 58	16°13'45	22° 0	29°43	27°56	3°17	11°22	28°20	29° 8	10°59	2°29	6°17	5°41	9°20	29°34	F 8
S 9	23 13 55	17°11'32	6♐17	1♍21	29° 9	3°55	11°35	28°26	29° 6	10°59	2°31	6°16	5°38	9°27	29°41	S 9
S 10	23 17 51	18° 9'20	20°31	3° 2	0♍23	4°33	11°48	28°32	29° 5	10°58	2°33	6°D16	5°34	9°34	29°48	S 10
M11	23 21 48	19° 7'09	4♑41	4°47	1°36	5°11	12° 1	28°38	29° 3	10°57	2°35	6°16	5°31	9°41	29°56	M11
T 12	23 25 45	20° 5'00	18°44	6°35	2°50	5°49	12°14	28°45	29° 1	10°56	2°36	6°17	5°28	9°47	0♏ 3	T 12
W13	23 29 41	21° 2'51	2♒37	8°26	4° 4	6°27	12°27	28°51	29° 0	10°55	2°38	6°18	5°25	9°54	0°10	W13
T 14	23 33 38	22° 0'43	16°21	10°18	5°17	7° 5	12°40	28°57	28°58	10°54	2°40	6°20	5°22	10° 1	0°18	T 14
F 15	23 37 34	22°58'37	29°52	12°13	6°31	7°43	12°53	29° 4	28°56	10°53	2°42	6°R20	5°19	10° 7	0°25	F 15
S 16	23 41 31	23°56'32	13♓11	14° 9	7°45	8°22	13° 6	29°10	28°54	10°52	2°43	6°20	5°15	10°14	0°33	S 16
S 17	23 45 27	24°54'28	26°15	16° 6	8°59	9° 0	13°19	29°17	28°52	10°51	2°45	6°19	5°12	10°21	0°41	S 17
M18	23 49 24	25°52'26	9♈ 6	18° 3	10°13	9°38	13°32	29°23	28°51	10°50	2°47	6°17	5° 9	10°28	0°48	M18
T 19	23 53 20	26°50'25	21°41	20° 1	11°27	10°16	13°45	29°30	28°49	10°49	2°49	6°15	5° 6	10°34	0°56	T 19
W20	23 57 17	27°48'26	4♉ 3	21°59	12°40	10°54	13°58	29°37	28°47	10°48	2°50	6°11	5° 3	10°41	1° 4	W20
T 21	0 1 13	28°46'29	16°13	23°56	13°54	11°33	14°11	29°43	28°45	10°47	2°52	6° 8	5° 0	10°48	1°11	T 21
F 22	0 5 10	29°44'34	28°14	25°54	15° 8	12°11	14°24	29°50	28°43	10°46	2°54	6° 5	4°56	10°54	1°19	F 22
S 23	0 9 7	0♎42'40	10♊ 9	27°50	16°22	12°49	14°37	29°57	28°41	10°44	2°55	6° 2	4°53	11° 1	1°27	S 23
S 24	0 13 3	1°40'49	22° 1	29°46	17°37	13°28	14°49	0♏ 3	28°39	10°43	2°57	6° 0	4°50	11° 8	1°35	S 24
M25	0 17 0	2°38'59	3♋56	1♎42	18°51	14° 6	15° 2	0°10	28°37	10°42	2°58	6°D 0	4°47	11°15	1°43	M25
T 26	0 20 56	3°37'11	15°58	3°36	20° 5	14°45	15°15	0°17	28°34	10°41	3° 0	6° 1	4°44	11°21	1°51	T 26
W27	0 24 53	4°35'25	28°12	5°30	21°19	15°23	15°28	0°24	28°32	10°40	3° 2	6° 2	4°40	11°28	1°59	W27
T 28	0 28 49	5°33'41	10♌42	7°22	22°33	16° 2	15°41	0°31	28°30	10°38	3° 3	6° 4	4°37	11°35	2° 7	T 28
F 29	0 32 46	6°31'59	23°32	9°14	23°47	16°40	15°53	0°38	28°28	10°37	3° 5	6° 5	4°34	11°42	2°15	F 29
S 30	0 36 42	7♎30'19	6♍44	11♎ 4	25♍ 2	17♎19	16♍ 6	0♏45	28♈26	10♉36	3♍ 6	6°R 6	4♍31	11♊48	2♏23	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	7n58	14n16	1s53	13n33	1s 0	15n30	0n36	1n16	0n53	8n33	0n46	8s26	2n17	10n33	0s39	13n30	1s37	17n28	7n23	9n 8	9n14	16n30	10s41	0n18	F 1
S 2	7 36	11 13	0 43	13 30	0 44	15 9	0 39	1 1	0 53	8 28	0 46	8 28	2 17	10 32	0 39	13 30	1 37	17 28	7 23	9 8	9 15	16 31	10 43	0 19	S 2
S 3	7 14	7 31	0n31	13 23	0 28	14 48	0 41	0 45	0 52	8 23	0 46	8 30	2 17	10 32	0 39	13 30	1 38	17 27	7 23	9 8	9 16	16 33	10 45	0 19	S 3
M 4	6 52	3 21	1 45	13 13	0 13	14 26	0 43	0 30	0 52	8 18	0 46	8 32	2 17	10 31	0 39	13 30	1 38	17 27	7 23	9 8	9 17	16 34	10 47	0 19	M 4
T 5	6 30	1s 4	2 53	13 1	0n 1	14 4	0 45	0 15	0 51	8 13	0 46	8 34	2 17	10 31	0 39	13 29	1 38	17 26	7 23	9 8	9 19	16 35	10 49	0 19	T 5
W 6	6 8	5 28	3 52	12 46	0 14	13 41	0 47	0s 1	0 51	8 8	0 46	8 37	2 16	10 30	0 39	13 29	1 38	17 26	7 23	9 8	9 20	16 36	10 51	0 20	W 6
T 7	5 46	9 36	4 38	12 27	0 27	13 19	0 50	0 16	0 51	8 3	0 46	8 39	2 16	10 29	0 39	13 29	1 38	17 25	7 23	9 9	9 21	16 37	10 53	0 20	T 7
F 8	5 24	13 12	5 7	12 6	0 39	12 55	0 52	0 32	0 50	7 58	0 46	8 41	2 16	10 29	0 39	13 29	1 38	17 24	7 23	9 9	9 22	16 38	10 56	0 20	F 8
S 9	5 2	16 1	5 16	11 42	0 50	12 32	0 54	0 47	0 50	7 53	0 46	8 44	2 16	10 28	0 39	13 28	1 38	17 24	7 23	9 9	9 23	16 39	10 58	0 21	S 9
S 10	4 39	17 51	5 7	11 15	1 0	12 8	0 56	1 2	0 49	7 49	0 46	8 46	2 16	10 28	0 39	13 28	1 38	17 23	7 24	9 9	9 24	16 40	11 0	0 21	S 10
M11	4 17	18 34	4 38	10 46	1 9	11 44	0 57	1 18	0 49	7 44	0 47	8 48	2 16	10 27	0 39	13 28	1 38	17 23	7 24	9 9	9 26	16 41	11 2	0 21	M11
T 12	3 54	18 7	3 54	10 13	1 17	11 19	0 59	1 33	0 48	7 39	0 47	8 50	2 16	10 27	0 39	13 27	1 38	17 22	7 24	9 9	9 27	16 42	11 5	0 22	T 12
W13	3 32	16 36	2 56	9 39	1 24	10 54	1 1	1 49	0 48	7 34	0 47	8 53	2 16	10 26	0 39	13 27	1 38	17 22	7 24	9 8	9 28	16 43	11 7	0 22	W13
T 14	3 9	14 7	1 48	9 2	1 30	10 29	1 3	2 4	0 47	7 29	0 47	8 55	2 15	10 25	0 39	13 27	1 38	17 21	7 24	9 8	9 29	16 44	11 9	0 22	T 14
F 15	2 46	10 53	0 36	8 24	1 35	10 4	1 4	2 19	0 47	7 24	0 47	8 58	2 15	10 25	0 39	13 26	1 38	17 21	7 24	9 8	9 30	16 45	11 12	0 23	F 15
S 16	2 23	7 9	0s38	7 43	1 39	9 38	1 6	2 35	0 47	7 19	0 47	9 0	2 15	10 24	0 39	13 26	1 38	17 20	7 24	9 8	9 31	16 46	11 14	0 23	S 16
S 17	2 1	3 8	1 48	7 1	1 42	9 12	1 8	2 50	0 46	7 14	0 47	9 2	2 15	10 23	0 39	13 26	1 38	17 20	7 24	9 8	9 33	16 47	11 16	0 23	S 17
M18	1 38	0n58	2 51	6 18	1 44	8 46	1 9	3 5	0 46	7 9	0 47	9 5	2 15	10 23	0 39	13 25	1 38	17 19	7 25	9 9	9 34	16 48	11 19	0 23	M18
T 19	1 15	4 56	3 44	5 33	1 46	8 19	1 11	3 21	0 45	7 5	0 47	9 7	2 15	10 22	0 39	13 25	1 38	17 19	7 25	9 10	9 35	16 49	11 21	0 24	T 19
W20	0 52	8 36	4 26	4 48	1 46	7 52	1 12	3 36	0 45	7 0	0 47	9 9	2 15	10 21	0 39	13 25	1 38	17 18	7 25	9 11	9 36	16 50	11 23	0 24	W20
T 21	0 29	11 52	4 55	4 1	1 46	7 25	1 13	3 51	0 44	6 55	0 47	9 12	2 15	10 21	0 40	13 24	1 38	17 18	7 25	9 12	9 37	16 51	11 26	0 24	T 21
F 22	0 6	14 35	5 11	3 14	1 46	6 58	1 15	4 7	0 44	6 50	0 47	9 14	2 14	10 20	0 40	13 24	1 38	17 18	7 25	9 13	9 38	16 52	11 28	0 25	F 22
S 23	0s17	16 40	5 13	2 27	1 44	6 31	1 16	4 22	0 43	6 45	0 48	9 17	2 14	10 19	0 40	13 23	1 38	17 17	7 25	9 14	9 39	16 53	11 31	0 25	S 23
S 24	0 40	18 1	5 2	1 39	1 42	6 3	1 17	4 37	0 43	6 40	0 48	9 19	2 14	10 18	0 40	13 23	1 38	17 17	7 26	9 15	9 41	16 54	11 33	0 25	S 24
M25	1 3	18 36	4 37	0 51	1 40	5 35	1 18	4 52	0 43	6 35	0 48	9 22	2 14	10 18	0 40	13 23	1 39	17 16	7 26	9 15	9 42	16 55	11 36	0 26	M25
T 26	1 26	18 21	4 1	0 3	1 36	5 7	1 19	5 8	0 42	6 31	0 48	9 24	2 14	10 17	0 40	13 22	1 39	17 16	7 26	9 15	9 43	16 56	11 38	0 26	T 26
W27	1 49	17 14	3 13	0s45	1 33	4 39	1 20	5 23	0 42	6 26	0 48	9 27	2 14	10 16	0 40	13 22	1 39	17 15	7 26	9 14	9 44	16 57	11 40	0 26	W27
T 28	2 12	15 17	2 15	1 33	1 29	4 11	1 21	5 38	0 41	6 21	0 48	9 29	2 14	10 15	0 40	13 21	1 39	17 15	7 26	9 14	9 45	16 58	11 43	0 27	T 28
F 29	2 35	12 31	1 8	2 20	1 24	3 42	1 22	5 53	0 41	6 16	0 48	9 32	2 14	10 15	0 40	13 21	1 39	17 14	7 26	9 13	9 46	16 59	11 45	0 27	F 29
S 30	2s58	9n 2	0n 4	3s 8	1n20	3n14	1n23	6s 8	0n40	6n11	0n48	9s34	2n14	10n14	0s40	13n20	1s39	17n14	7n27	9n13	9n48	17n 0	11s48	0n27	S 30

Julian Day Number = 2886061.5, Delta T = 01h17m22s
Ecliptic obliquity = 23°16'59, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°24'05, Lahiri = 40°31'05

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ASTRODIENST EPHEMERIS for the year 3189
geocentric

OCTOBER 3189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 40 39	8♎28'40	20♍21	12♎53	26♍16	17♎57	16♍19	0♏52	28°R24	10°R34	3♍ 8	6°R 5	4♍28	11♊55	2♏31	S 1
M 2	0 44 36	9°27'04	4♎20	14°42	27°30	18°36	16°31	0°59	28♈21	10♉33	3° 9	6♍ 2	4°25	12° 2	2°40	M 2
T 3	0 48 32	10°25'29	18°38	16°29	28°45	19°15	16°44	1° 6	28°19	10°31	3°11	5°59	4°21	12° 8	2°48	T 3
W 4	0 52 29	11°23'56	3♏11	18°15	29°59	19°53	16°56	1°13	28°17	10°30	3°12	5°54	4°18	12°15	2°56	W 4
T 5	0 56 25	12°22'25	17°51	20° 0	1♎13	20°32	17° 9	1°20	28°14	10°29	3°14	5°48	4°15	12°22	3° 4	T 5
F 6	1 0 22	13°20'55	2♐31	21°44	2°28	21°11	17°21	1°27	28°12	10°27	3°15	5°43	4°12	12°29	3°13	F 6
S 7	1 4 18	14°19'28	17° 5	23°27	3°42	21°49	17°33	1°34	28°10	10°26	3°17	5°39	4° 9	12°35	3°21	S 7
S 8	1 8 15	15°18'01	1♑27	25° 8	4°57	22°28	17°46	1°42	28° 8	10°24	3°18	5°36	4° 6	12°42	3°29	S 8
M 9	1 12 11	16°16'36	15°35	26°49	6°11	23° 7	17°58	1°49	28° 5	10°23	3°20	5°D36	4° 2	12°49	3°38	M 9
T 10	1 16 8	17°15'13	29°28	28°29	7°26	23°46	18°10	1°56	28° 3	10°21	3°21	5°36	3°59	12°55	3°46	T 10
W11	1 20 5	18°13'51	13♒ 4	0♏ 8	8°40	24°25	18°23	2° 3	28° 0	10°20	3°22	5°37	3°56	13° 2	3°55	W11
T 12	1 24 1	19°12'31	26°26	1°46	9°55	25° 4	18°35	2°11	27°58	10°18	3°24	5°39	3°53	13° 9	4° 3	T 12
F 13	1 27 58	20°11'13	9♓34	3°22	11° 9	25°42	18°47	2°18	27°56	10°17	3°25	5°R39	3°50	13°16	4°12	F 13
S 14	1 31 54	21° 9'56	22°30	4°58	12°24	26°21	18°59	2°25	27°53	10°15	3°27	5°38	3°46	13°22	4°20	S 14
S 15	1 35 51	22° 8'40	5♈14	6°33	13°39	27° 0	19°11	2°32	27°51	10°14	3°28	5°34	3°43	13°29	4°29	S 15
M16	1 39 47	23° 7'27	17°47	8° 7	14°53	27°39	19°23	2°40	27°48	10°12	3°29	5°28	3°40	13°36	4°37	M16
T 17	1 43 44	24° 6'16	0♉10	9°41	16° 8	28°18	19°35	2°47	27°46	10°10	3°30	5°20	3°37	13°43	4°46	T 17
W18	1 47 40	25° 5'06	12°24	11°13	17°23	28°57	19°46	2°54	27°44	10° 9	3°32	5°11	3°34	13°49	4°54	W18
T 19	1 51 37	26° 3'59	24°28	12°44	18°37	29°37	19°58	3° 2	27°41	10° 7	3°33	5° 2	3°31	13°56	5° 3	T 19
F 20	1 55 33	27° 2'54	6♊26	14°15	19°52	0♏16	20°10	3° 9	27°39	10° 6	3°34	4°52	3°27	14° 3	5°11	F 20
S 21	1 59 30	28° 1'51	18°19	15°45	21° 7	0°55	20°22	3°16	27°36	10° 4	3°35	4°44	3°24	14° 9	5°20	S 21
S 22	2 3 27	29° 0'50	0♋10	17°13	22°22	1°34	20°33	3°24	27°34	10° 2	3°36	4°38	3°21	14°16	5°29	S 22
M23	2 7 23	29°59'51	12° 3	18°41	23°36	2°13	20°45	3°31	27°32	10° 1	3°38	4°34	3°18	14°23	5°37	M23
T 24	2 11 20	0♏58'54	24° 2	20° 8	24°51	2°52	20°56	3°39	27°29	9°59	3°39	4°32	3°15	14°30	5°46	T 24
W25	2 15 16	1°58'00	6♌12	21°34	26° 6	3°32	21° 7	3°46	27°27	9°57	3°40	4°D32	3°11	14°36	5°54	W25
T 26	2 19 13	2°57'08	18°38	23° 0	27°21	4°11	21°19	3°53	27°24	9°56	3°41	4°32	3° 8	14°43	6° 3	T 26
F 27	2 23 9	3°56'18	1♍26	24°24	28°36	4°50	21°30	4° 1	27°22	9°54	3°42	4°R33	3° 5	14°50	6°12	F 27
S 28	2 27 6	4°55'30	14°39	25°47	29°51	5°30	21°41	4° 8	27°20	9°52	3°43	4°33	3° 2	14°56	6°20	S 28
S 29	2 31 2	5°54'45	28°20	27° 9	1♏ 6	6° 9	21°52	4°15	27°17	9°51	3°44	4°30	2°59	15° 3	6°29	S 29
M30	2 34 59	6°54'01	12♎29	28°31	2°20	6°49	22° 3	4°23	27°15	9°49	3°45	4°25	2°56	15°10	6°38	M30
T 31	2 38 56	7♏53'20	27♎ 3	29♏51	3♏35	7♏28	22♍14	4♏30	27♈12	9♉47	3♍46	4♍18	2♍52	15♊17	6♏46	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3 s20	4n59	1n17	3 s55	1n14	2n45	1n23	6 s23	0n40	6n 7	0n48	9 s36	2n14	10n13	0 s40	13n20	1 s39	17n14	7n27	9n13	9n49	17n 1	11 s50	0n27
M 2	3 43	0 33	2 28	4 42	1 9	2 16	1 24	6 38	0 39	6 2	0 48	9 39	2 14	10 12	0 40	13 19	1 39	17 13	7 27	9 14	9 50	17 2	11 53	0 28
T 3	4 6	4 s 0	3 31	5 28	1 3	1 48	1 25	6 53	0 39	5 57	0 48	9 41	2 14	10 11	0 40	13 19	1 39	17 13	7 27	9 16	9 51	17 3	11 55	0 28
W 4	4 29	8 23	4 22	6 14	0 57	1 19	1 25	7 8	0 38	5 52	0 49	9 44	2 13	10 11	0 40	13 19	1 39	17 13	7 27	9 17	9 52	17 4	11 58	0 28
T 5	4 52	12 18	4 55	6 59	0 51	0 50	1 26	7 23	0 38	5 48	0 49	9 46	2 13	10 10	0 40	13 18	1 39	17 12	7 28	9 19	9 53	17 5	12 0	0 29
F 6	5 14	15 28	5 10	7 43	0 45	0 21	1 26	7 38	0 37	5 43	0 49	9 49	2 13	10 9	0 40	13 18	1 39	17 12	7 28	9 21	9 54	17 6	12 3	0 29
S 7	5 37	17 37	5 4	8 27	0 38	0 s 8	1 26	7 53	0 37	5 38	0 49	9 51	2 13	10 8	0 40	13 17	1 39	17 12	7 28	9 23	9 56	17 7	12 6	0 29
S 8	5 59	18 37	4 40	9 11	0 31	0 38	1 27	8 7	0 36	5 34	0 49	9 54	2 13	10 7	0 40	13 17	1 39	17 11	7 28	9 24	9 57	17 7	12 8	0 30
M 9	6 22	18 26	3 58	9 53	0 25	1 7	1 27	8 22	0 36	5 29	0 49	9 56	2 13	10 6	0 40	13 16	1 39	17 11	7 28	9 24	9 58	17 8	12 11	0 30
T 10	6 44	17 8	3 3	10 35	0 18	1 36	1 27	8 37	0 36	5 24	0 49	9 59	2 13	10 6	0 40	13 16	1 39	17 11	7 29	9 24	9 59	17 9	12 13	0 30
W11	7 6	14 53	1 59	11 17	0 11	2 5	1 27	8 51	0 35	5 20	0 49	10 1	2 13	10 5	0 40	13 15	1 39	17 10	7 29	9 23	10 0	17 10	12 16	0 31
T 12	7 28	11 51	0 50	11 57	0 3	2 34	1 27	9 6	0 35	5 15	0 50	10 4	2 13	10 4	0 40	13 15	1 39	17 10	7 29	9 23	10 1	17 11	12 18	0 31
F 13	7 50	8 16	0 s21	12 37	0 s 4	3 3	1 27	9 21	0 34	5 10	0 50	10 6	2 13	10 3	0 40	13 14	1 39	17 10	7 29	9 23	10 2	17 12	12 21	0 31
S 14	8 12	4 20	1 30	13 16	0 11	3 32	1 27	9 35	0 34	5 6	0 50	10 9	2 13	10 2	0 40	13 14	1 39	17 9	7 29	9 23	10 4	17 13	12 23	0 31
S 15	8 34	0 16	2 33	13 54	0 18	4 1	1 26	9 49	0 33	5 1	0 50	10 12	2 13	10 1	0 40	13 13	1 39	17 9	7 30	9 25	10 5	17 14	12 26	0 32
M16	8 56	3n44	3 27	14 32	0 26	4 30	1 26	10 4	0 33	4 57	0 50	10 14	2 13	10 1	0 40	13 13	1 39	17 9	7 30	9 27	10 6	17 15	12 28	0 32
T 17	9 17	7 32	4 11	15 8	0 33	4 59	1 26	10 18	0 32	4 52	0 50	10 17	2 13	10 0	0 40	13 12	1 39	17 9	7 30	9 30	10 7	17 16	12 31	0 32
W18	9 39	10 58	4 42	15 44	0 40	5 28	1 25	10 32	0 32	4 48	0 50	10 19	2 13	9 59	0 40	13 12	1 39	17 8	7 30	9 33	10 8	17 17	12 33	0 33
T 19	10 0	13 54	5 1	16 19	0 48	5 56	1 25	10 47	0 31	4 43	0 50	10 22	2 13	9 58	0 40	13 11	1 39	17 8	7 31	9 36	10 9	17 18	12 36	0 33
F 20	10 21	16 13	5 6	16 53	0 55	6 25	1 24	11 1	0 31	4 39	0 51	10 24	2 13	9 57	0 40	13 11	1 39	17 8	7 31	9 40	10 10	17 19	12 39	0 33
S 21	10 42	17 50	4 57	17 26	1 2	6 53	1 24	11 15	0 30	4 34	0 51	10 26	2 13	9 56	0 40	13 10	1 39	17 8	7 31	9 43	10 12	17 20	12 41	0 34
S 22	11 3	18 41	4 36	17 58	1 9	7 22	1 23	11 29	0 30	4 30	0 51	10 29	2 13	9 55	0 40	13 10	1 39	17 7	7 31	9 45	10 13	17 21	12 44	0 34
M23	11 24	18 42	4 3	18 29	1 16	7 50	1 22	11 43	0 29	4 26	0 51	10 31	2 13	9 55	0 40	13 9	1 39	17 7	7 32	9 47	10 14	17 21	12 46	0 34
T 24	11 44	17 53	3 19	19 0	1 23	8 18	1 22	11 56	0 29	4 21	0 51	10 34	2 13	9 54	0 40	13 9	1 39	17 7	7 32	9 47	10 15	17 22	12 49	0 35
W25	12 5	16 15	2 26	19 29	1 30	8 46	1 21	12 10	0 28	4 17	0 51	10 36	2 13	9 53	0 40	13 8	1 39	17 7	7 32	9 47	10 16	17 23	12 51	0 35
T 26	12 25	13 48	1 24	19 58	1 37	9 13	1 20	12 24	0 28	4 13	0 51	10 39	2 13	9 52	0 40	13 8	1 39	17 7	7 32	9 47	10 17	17 24	12 54	0 35
F 27	12 45	10 38	0 17	20 25	1 43	9 41	1 19	12 37	0 27	4 8	0 52	10 41	2 13	9 51	0 40	13 7	1 39	17 7	7 33	9 47	10 18	17 25	12 56	0 36
S 28	13 5	6 50	0n54	20 51	1 50	10 8	1 18	12 51	0 27	4 4	0 52	10 44	2 13	9 50	0 40	13 6	1 39	17 6	7 33	9 47	10 20	17 26	12 59	0 36
S 29	13 24	2 33	2 3	21 17	1 56	10 35	1 17	13 4	0 26	4 0	0 52	10 46	2 13	9 49	0 40	13 6	1 39	17 6	7 33	9 48	10 21	17 27	13 1	0 36
M30	13 44	2 s 1	3 8	21 41	2 2	11 1	1 16	13 18	0 26	3 56	0 52	10 49	2 13	9 49	0 40	13 5	1 39	17 6	7 33	9 50	10 22	17 28	13 4	0 37
T 31	14 s 3	6 s35	4n 2	22 s 4	2 s 8	11 s28	1n14	13 s31	0n25	3n52	0n52	10 s51	2n13	9n48	0 s39	13n 5	1 s39	17n 6	7n34	9n52	10n23	17n29	13 s 6	0n37

Julian Day Number = 2886091.5, Delta T = 01h17m22s
Ecliptic obliquity = 23°17'00, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°24'09, Lahiri = 40°31'09

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ASTRODIENST EPHEMERIS for the year 3189
geocentric

NOVEMBER 3189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 42 52	8♏52'41	11♏57	1♐10	4♏50	8♏ 8	22♍25	4♏38	27°R10	9°R46	3♍47	4°R 9	2♍49	15♊23	6♏55	W 1
T 2	2 46 49	9°52'04	27° 1	2°28	6° 5	8°47	22°36	4°45	27♈ 8	9♉44	3°48	3♍59	2°46	15°30	7° 3	T 2
F 3	2 50 45	10°51'29	12♐ 7	3°44	7°20	9°27	22°46	4°52	27° 5	9°42	3°49	3°49	2°43	15°37	7°12	F 3
S 4	2 54 42	11°50'55	27° 3	4°59	8°35	10° 7	22°57	5° 0	27° 3	9°41	3°49	3°41	2°40	15°43	7°21	S 4
S 5	2 58 38	12°50'24	11♑42	6°13	9°50	10°46	23° 8	5° 7	27° 1	9°39	3°50	3°35	2°37	15°50	7°29	S 5
M 6	3 2 35	13°49'54	25°59	7°25	11° 5	11°26	23°18	5°14	26°58	9°37	3°51	3°32	2°33	15°57	7°38	M 6
T 7	3 6 31	14°49'26	9♒53	8°35	12°20	12° 6	23°28	5°22	26°56	9°36	3°52	3°D30	2°30	16° 4	7°46	T 7
W 8	3 10 28	15°48'59	23°25	9°44	13°35	12°45	23°39	5°29	26°54	9°34	3°53	3°30	2°27	16°10	7°55	W 8
T 9	3 14 25	16°48'34	6♓36	10°50	14°50	13°25	23°49	5°36	26°52	9°32	3°53	3°R30	2°24	16°17	8° 4	T 9
F 10	3 18 21	17°48'10	19°29	11°54	16° 5	14° 5	23°59	5°44	26°49	9°31	3°54	3°29	2°21	16°24	8°12	F 10
S 11	3 22 18	18°47'48	2♈ 8	12°56	17°20	14°45	24° 9	5°51	26°47	9°29	3°55	3°26	2°17	16°31	8°21	S 11
S 12	3 26 14	19°47'28	14°36	13°55	18°36	15°25	24°19	5°58	26°45	9°27	3°55	3°20	2°14	16°37	8°29	S 12
M13	3 30 11	20°47'10	26°54	14°51	19°51	16° 5	24°28	6° 5	26°43	9°26	3°56	3°11	2°11	16°44	8°38	M13
T 14	3 34 7	21°46'53	9♉ 4	15°43	21° 6	16°45	24°38	6°13	26°41	9°24	3°57	3° 0	2° 8	16°51	8°46	T 14
W15	3 38 4	22°46'39	21° 8	16°32	22°21	17°25	24°48	6°20	26°39	9°22	3°57	2°46	2° 5	16°57	8°55	W15
T 16	3 42 0	23°46'26	3♊ 6	17°16	23°36	18° 5	24°57	6°27	26°37	9°21	3°58	2°32	2° 2	17° 4	9° 3	T 16
F 17	3 45 57	24°46'15	15° 1	17°56	24°51	18°45	25° 6	6°34	26°35	9°19	3°58	2°18	1°58	17°11	9°12	F 17
S 18	3 49 54	25°46'07	26°52	18°31	26° 6	19°25	25°16	6°41	26°33	9°18	3°59	2° 5	1°55	17°18	9°20	S 18
S 19	3 53 50	26°46'00	8♋43	19° 0	27°21	20° 5	25°25	6°48	26°31	9°16	3°59	1°55	1°52	17°24	9°29	S 19
M20	3 57 47	27°45'55	20°35	19°23	28°36	20°45	25°34	6°56	26°29	9°14	4° 0	1°47	1°49	17°31	9°37	M20
T 21	4 1 43	28°45'52	2♌33	19°38	29°52	21°25	25°43	7° 3	26°27	9°13	4° 0	1°43	1°46	17°38	9°45	T 21
W22	4 5 40	29°45'52	14°41	19°47	1♐ 7	22° 6	25°51	7°10	26°25	9°11	4° 1	1°41	1°43	17°44	9°54	W22
T 23	4 9 36	0♐45'53	27° 3	19°R47	2°22	22°46	26° 0	7°17	26°23	9°10	4° 1	1°40	1°39	17°51	10° 2	T 23
F 24	4 13 33	1°45'57	9♍45	19°38	3°37	23°26	26° 9	7°24	26°21	9° 8	4° 1	1°40	1°36	17°58	10°10	F 24
S 25	4 17 29	2°46'02	22°51	19°20	4°52	24° 7	26°17	7°31	26°19	9° 7	4° 2	1°39	1°33	18° 5	10°18	S 25
S 26	4 21 26	3°46'09	6♎26	18°53	6° 7	24°47	26°25	7°37	26°17	9° 5	4° 2	1°37	1°30	18°11	10°27	S 26
M27	4 25 23	4°46'19	20°31	18°15	7°23	25°27	26°34	7°44	26°16	9° 4	4° 2	1°31	1°27	18°18	10°35	M27
T 28	4 29 19	5°46'30	5♏ 6	17°28	8°38	26° 8	26°42	7°51	26°14	9° 2	4° 2	1°23	1°23	18°25	10°43	T 28
W29	4 33 16	6°46'44	20° 5	16°31	9°53	26°48	26°50	7°58	26°12	9° 1	4° 2	1°13	1°20	18°31	10°51	W29
T 30	4 37 12	7♐46'59	5♐20	15♐26	11♐ 8	27♏29	26♍57	8♏ 5	26♈11	8♉59	4♍ 3	1♍ 1	1♍17	18♊38	10♏59	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s22	10s52	4n41	22s27	2s14	11s54	1n13	13s44	0n25	3n48	0n52	10s54	2n13	9n47	0s39	13n 4	1s39	17n 6	7n34	9n56	10n24	17n30	13s 9	0n37
T 2	14 41	14 29	5 0	22 48	2 19	12 20	1 12	13 57	0 24	3 43	0 52	10 56	2 13	9 46	0 39	13 4	1 39	17 6	7 34	9 59	10 25	17 31	13 11	0 37
F 3	14 59	17 9	4 59	23 8	2 25	12 46	1 10	14 10	0 24	3 39	0 53	10 58	2 13	9 45	0 39	13 3	1 39	17 6	7 34	10 3	10 26	17 31	13 14	0 38
S 4	15 17	18 37	4 38	23 27	2 30	13 11	1 9	14 23	0 23	3 35	0 53	11 1	2 13	9 45	0 39	13 3	1 39	17 6	7 35	10 6	10 28	17 32	13 16	0 38
S 5	15 35	18 48	3 59	23 44	2 34	13 36	1 8	14 36	0 23	3 31	0 53	11 3	2 13	9 44	0 39	13 2	1 39	17 6	7 35	10 8	10 29	17 33	13 19	0 38
M 6	15 53	17 47	3 5	24 1	2 39	14 1	1 6	14 49	0 22	3 27	0 53	11 6	2 13	9 43	0 39	13 2	1 39	17 6	7 35	10 9	10 30	17 34	13 21	0 39
T 7	16 11	15 42	2 2	24 16	2 43	14 25	1 4	15 1	0 22	3 24	0 53	11 8	2 13	9 42	0 39	13 1	1 39	17 6	7 35	10 9	10 31	17 35	13 24	0 39
W 8	16 28	12 47	0 53	24 30	2 46	14 49	1 3	15 14	0 21	3 20	0 53	11 10	2 13	9 41	0 39	13 1	1 39	17 6	7 36	10 9	10 32	17 36	13 26	0 39
T 9	16 45	9 17	0s16	24 43	2 50	15 13	1 1	15 26	0 21	3 16	0 54	11 13	2 13	9 41	0 39	13 0	1 39	17 6	7 36	10 9	10 33	17 37	13 29	0 40
F 10	17 2	5 25	1 24	24 55	2 52	15 36	0 59	15 39	0 20	3 12	0 54	11 15	2 13	9 40	0 39	13 0	1 39	17 6	7 36	10 10	10 34	17 38	13 31	0 40
S 11	17 18	1 23	2 25	25 5	2 55	15 59	0 58	15 51	0 19	3 8	0 54	11 17	2 13	9 39	0 39	12 59	1 39	17 6	7 37	10 11	10 35	17 38	13 33	0 40
S 12	17 34	2n39	3 19	25 14	2 56	16 21	0 56	16 3	0 19	3 5	0 54	11 20	2 13	9 38	0 39	12 59	1 39	17 6	7 37	10 13	10 37	17 39	13 36	0 41
M13	17 50	6 31	4 3	25 22	2 58	16 43	0 54	16 15	0 18	3 1	0 54	11 22	2 13	9 37	0 39	12 58	1 39	17 6	7 37	10 16	10 38	17 40	13 38	0 41
T 14	18 6	10 5	4 34	25 29	2 58	17 5	0 52	16 27	0 18	2 57	0 55	11 24	2 13	9 37	0 39	12 58	1 39	17 6	7 37	10 20	10 39	17 41	13 41	0 41
W15	18 21	13 12	4 54	25 33	2 58	17 26	0 50	16 38	0 17	2 54	0 55	11 27	2 13	9 36	0 39	12 57	1 39	17 6	7 38	10 25	10 40	17 42	13 43	0 42
T 16	18 36	15 44	5 0	25 37	2 57	17 46	0 48	16 50	0 17	2 50	0 55	11 29	2 13	9 35	0 39	12 57	1 39	17 6	7 38	10 30	10 41	17 43	13 45	0 42
F 17	18 50	17 36	4 52	25 39	2 55	18 6	0 46	17 2	0 16	2 47	0 55	11 31	2 14	9 35	0 39	12 56	1 39	17 6	7 38	10 35	10 42	17 44	13 48	0 42
S 18	19 4	18 42	4 33	25 39	2 53	18 26	0 44	17 13	0 16	2 43	0 55	11 33	2 14	9 34	0 39	12 56	1 39	17 6	7 38	10 40	10 43	17 44	13 50	0 43
S 19	19 18	18 59	4 1	25 38	2 49	18 45	0 42	17 24	0 15	2 40	0 55	11 36	2 14	9 33	0 39	12 55	1 39	17 6	7 39	10 44	10 44	17 45	13 52	0 43
M20	19 32	18 27	3 19	25 35	2 44	19 4	0 40	17 35	0 15	2 36	0 56	11 38	2 14	9 32	0 39	12 55	1 39	17 6	7 39	10 46	10 46	17 46	13 55	0 43
T 21	19 45	17 4	2 27	25 30	2 38	19 22	0 38	17 46	0 14	2 33	0 56	11 40	2 14	9 32	0 39	12 54	1 39	17 6	7 39	10 48	10 47	17 47	13 57	0 44
W22	19 58	14 55	1 29	25 24	2 31	19 40	0 36	17 57	0 14	2 30	0 56	11 42	2 14	9 31	0 39	12 54	1 39	17 6	7 40	10 48	10 48	17 48	13 59	0 44
T 23	20 11	12 2	0 24	25 15	2 22	19 57	0 34	18 8	0 13	2 26	0 56	11 44	2 14	9 30	0 39	12 53	1 39	17 6	7 40	10 49	10 49	17 49	14 1	0 45
F 24	20 23	8 31	0n43	25 4	2 12	20 14	0 31	18 19	0 12	2 23	0 56	11 46	2 14	9 30	0 39	12 53	1 39	17 7	7 40	10 49	10 50	17 49	14 4	0 45
S 25	20 35	4 30	1 50	24 51	2 0	20 29	0 29	18 29	0 12	2 20	0 57	11 49	2 14	9 29	0 39	12 52	1 39	17 7	7 40	10 49	10 51	17 50	14 6	0 45
S 26	20 46	0 6	2 53	24 35	1 47	20 45	0 27	18 39	0 11	2 17	0 57	11 51	2 14	9 29	0 39	12 52	1 39	17 7	7 41	10 50	10 52	17 51	14 8	0 46
M27	20 57	4s27	3 48	24 17	1 32	21 0	0 25	18 50	0 11	2 14	0 57	11 53	2 14	9 28	0 39	12 51	1 39	17 7	7 41	10 52	10 53	17 52	14 10	0 46
T 28	21 8	8 54	4 30	23 57	1 15	21 14	0 22	19 0	0 10	2 11	0 57	11 55	2 14	9 27	0 39	12 51	1 39	17 7	7 41	10 55	10 55	17 53	14 13	0 46
W29	21 18	12 54	4 55	23 33	0 57	21 28	0 20	19 9	0 10	2 8	0 57	11 57	2 15	9 27	0 39	12 51	1 39	17 7	7 42	10 58	10 56	17 53	14 15	0 47
T 30	21s28	16s 8	4n59	23s 8	0s38	21s40	0n18	19s19	0n 9	2n 5	0n58	11s59	2n15	9n26	0s39	12n50	1s39	17n 8	7n42	11n 2	10n57	17n54	14s17	0n47

Julian Day Number = 2886122.5, Delta T = 01h17m23s
Ecliptic obliquity = 23°16'59, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°24'13, Lahiri = 40°31'14

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ASTRODIENST EPHEMERIS for the year 3189
geocentric

DECEMBER 3189 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 41 9	8♐47'16	20♐40	14°R14	12♐24	28♏ 9	27♍ 5	8♏11	26°R 9	8°R58	4♍ 3	0°R50	1♍14	18♊45	11♏ 7	F 1
S 2	4 45 5	9°47'35	5♑54	12♐57	13°39	28°50	27°13	8°18	26♈ 7	8♉57	4° 3	0♍40	1°11	18°52	11°15	S 2
S 3	4 49 2	10°47'55	20°51	11°37	14°54	29°31	27°20	8°25	26° 6	8°55	4° 3	0°33	1° 8	18°58	11°23	S 3
M 4	4 52 58	11°48'17	5♒24	10°16	16° 9	0♐11	27°27	8°31	26° 4	8°54	4° 3	0°28	1° 4	19° 5	11°31	M 4
T 5	4 56 55	12°48'39	19°29	8°58	17°25	0°52	27°34	8°38	26° 3	8°53	4°R 3	0°26	1° 1	19°12	11°39	T 5
W 6	5 0 52	13°49'03	3♓ 7	7°45	18°40	1°33	27°41	8°45	26° 2	8°51	4° 3	0°D26	0°58	19°18	11°47	W 6
T 7	5 4 48	14°49'29	16°18	6°39	19°55	2°14	27°48	8°51	26° 0	8°50	4° 3	0°R26	0°55	19°25	11°55	T 7
F 8	5 8 45	15°49'55	29° 8	5°42	21°10	2°55	27°55	8°57	25°59	8°49	4° 3	0°25	0°52	19°32	12° 2	F 8
S 9	5 12 41	16°50'23	11♈40	4°55	22°26	3°36	28° 1	9° 4	25°58	8°48	4° 3	0°23	0°49	19°39	12°10	S 9
S 10	5 16 38	17°50'52	23°58	4°19	23°41	4°16	28° 8	9°10	25°56	8°46	4° 3	0°18	0°45	19°45	12°18	S 10
M11	5 20 34	18°51'22	6♉ 7	3°56	24°56	4°57	28°14	9°16	25°55	8°45	4° 2	0° 9	0°42	19°52	12°25	M11
T 12	5 24 31	19°51'53	18° 8	3°43	26°11	5°38	28°20	9°23	25°54	8°44	4° 2	29♌59	0°39	19°59	12°33	T 12
W13	5 28 27	20°52'26	0♊ 4	3°D42	27°27	6°19	28°26	9°29	25°53	8°43	4° 2	29°46	0°36	20° 5	12°40	W13
T 14	5 32 24	21°53'00	11°58	3°52	28°42	7° 0	28°32	9°35	25°52	8°42	4° 2	29°33	0°33	20°12	12°48	T 14
F 15	5 36 21	22°53'36	23°50	4°12	29°57	7°42	28°37	9°41	25°51	8°41	4° 2	29°19	0°29	20°19	12°55	F 15
S 16	5 40 17	23°54'12	5♋42	4°40	1♑12	8°23	28°43	9°47	25°50	8°39	4° 1	29° 8	0°26	20°26	13° 3	S 16
S 17	5 44 14	24°54'50	17°36	5°17	2°28	9° 4	28°48	9°53	25°49	8°38	4° 1	28°58	0°23	20°32	13°10	S 17
M18	5 48 10	25°55'30	29°33	6° 0	3°43	9°45	28°53	9°59	25°48	8°37	4° 1	28°51	0°20	20°39	13°17	M18
T 19	5 52 7	26°56'11	11♌35	6°50	4°58	10°26	28°58	10° 5	25°47	8°36	4° 0	28°47	0°17	20°46	13°24	T 19
W20	5 56 3	27°56'53	23°47	7°46	6°14	11° 8	29° 3	10°10	25°47	8°35	4° 0	28°D45	0°14	20°52	13°31	W20
T 21	6 0 0	28°57'37	6♍10	8°47	7°29	11°49	29° 8	10°16	25°46	8°34	3°59	28°45	0°10	20°59	13°38	T 21
F 22	6 3 56	29°58'22	18°51	9°52	8°44	12°30	29°12	10°22	25°45	8°34	3°59	28°46	0° 7	21° 6	13°45	F 22
S 23	6 7 53	0♑59'08	1♎52	11° 0	9°59	13°12	29°17	10°27	25°45	8°33	3°58	28°R47	0° 4	21°13	13°52	S 23
S 24	6 11 50	1°59'56	15°18	12°12	11°15	13°53	29°21	10°33	25°44	8°32	3°58	28°46	0° 1	21°19	13°59	S 24
M25	6 15 46	3° 0'45	29°11	13°26	12°30	14°35	29°25	10°38	25°43	8°31	3°57	28°43	29♌58	21°26	14° 6	M25
T 26	6 19 43	4° 1'36	13♏32	14°43	13°45	15°16	29°28	10°44	25°43	8°30	3°57	28°38	29°55	21°33	14°13	T 26
W27	6 23 39	5° 2'28	28°19	16° 2	15° 1	15°58	29°32	10°49	25°43	8°29	3°56	28°31	29°51	21°39	14°19	W27
T 28	6 27 36	6° 3'21	13♐25	17°23	16°16	16°40	29°35	10°54	25°42	8°29	3°56	28°22	29°48	21°46	14°26	T 28
F 29	6 31 32	7° 4'15	28°42	18°45	17°31	17°21	29°39	11° 0	25°42	8°28	3°55	28°14	29°45	21°53	14°32	F 29
S 30	6 35 29	8° 5'11	13♑57	20° 9	18°47	18° 3	29°42	11° 5	25°42	8°27	3°54	28° 7	29°42	22° 0	14°39	S 30
S 31	6 39 26	9♑ 6'07	29♑ 1	21♐33	20♑ 2	18♐45	29♍45	11♏10	25♈41	8♉27	3♍54	28♌ 1	29♌39	22♊ 6	14♏45	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s37	18s15	4n43	22s40	0s19	21s53	0n15	19s29	0n 9	2n 2	0n58	12s 1	2n15	9n26	0s39	12n50	1s39	17n 8	7n42	11n 6	10n58	17n55	14s19	0n47
S 2	21 46	19 3	4 6	22 10	0n 2	22 5	0 13	19 38	0 8	2 0	0 58	12 3	2 15	9 25	0 39	12 49	1 39	17 8	7 43	11 10	10 59	17 56	14 21	0 48
S 3	21 55	18 30	3 13	21 40	0 22	22 16	0 10	19 48	0 7	1 57	0 58	12 5	2 15	9 25	0 39	12 49	1 39	17 8	7 43	11 12	11 0	17 57	14 23	0 48
M 4	22 3	16 43	2 8	21 9	0 43	22 26	0 8	19 57	0 7	1 54	0 59	12 7	2 15	9 24	0 39	12 49	1 39	17 9	7 43	11 14	11 1	17 58	14 25	0 48
T 5	22 11	13 58	0 58	20 38	1 2	22 36	0 6	20 6	0 6	1 52	0 59	12 9	2 15	9 24	0 39	12 48	1 39	17 9	7 43	11 15	11 2	17 58	14 27	0 49
W 6	22 19	10 31	0s14	20 9	1 20	22 45	0 3	20 15	0 6	1 49	0 59	12 11	2 15	9 23	0 39	12 48	1 39	17 9	7 44	11 15	11 4	17 59	14 29	0 49
T 7	22 26	6 39	1 23	19 42	1 36	22 53	0 1	20 23	0 5	1 47	0 59	12 13	2 15	9 23	0 39	12 47	1 39	17 9	7 44	11 15	11 5	18 0	14 31	0 50
F 8	22 32	2 34	2 26	19 18	1 50	23 1	0s 2	20 32	0 5	1 44	0 59	12 15	2 16	9 22	0 39	12 47	1 39	17 10	7 44	11 15	11 6	18 1	14 33	0 50
S 9	22 38	1n31	3 20	18 58	2 3	23 8	0 4	20 40	0 4	1 42	1 0	12 17	2 16	9 22	0 39	12 47	1 39	17 10	7 45	11 16	11 7	18 1	14 35	0 50
S 10	22 44	5 28	4 4	18 41	2 13	23 14	0 6	20 48	0 3	1 39	1 0	12 18	2 16	9 21	0 39	12 46	1 39	17 10	7 45	11 18	11 8	18 2	14 37	0 51
M11	22 49	9 8	4 36	18 29	2 21	23 20	0 9	20 56	0 3	1 37	1 0	12 20	2 16	9 21	0 39	12 46	1 39	17 11	7 45	11 21	11 9	18 3	14 39	0 51
T 12	22 54	12 23	4 55	18 21	2 27	23 25	0 11	21 4	0 2	1 35	1 0	12 22	2 16	9 21	0 38	12 46	1 39	17 11	7 45	11 24	11 10	18 4	14 41	0 51
W13	22 58	15 7	5 1	18 17	2 31	23 29	0 14	21 12	0 2	1 33	1 1	12 24	2 16	9 20	0 38	12 45	1 39	17 11	7 46	11 29	11 11	18 5	14 43	0 52
T 14	23 2	17 13	4 55	18 16	2 34	23 33	0 16	21 19	0 1	1 31	1 1	12 26	2 16	9 20	0 38	12 45	1 39	17 12	7 46	11 33	11 13	18 5	14 45	0 52
F 15	23 6	18 34	4 35	18 19	2 34	23 35	0 18	21 26	0 1	1 29	1 1	12 27	2 17	9 20	0 38	12 45	1 38	17 12	7 46	11 38	11 14	18 6	14 47	0 53
S 16	23 9	19 7	4 3	18 25	2 34	23 37	0 21	21 34	0s 0	1 27	1 1	12 29	2 17	9 19	0 38	12 44	1 38	17 12	7 47	11 42	11 15	18 7	14 49	0 53
S 17	23 11	18 49	3 21	18 33	2 32	23 39	0 23	21 41	0 1	1 25	1 2	12 31	2 17	9 19	0 38	12 44	1 38	17 13	7 47	11 45	11 16	18 8	14 50	0 53
M18	23 13	17 41	2 29	18 43	2 29	23 39	0 26	21 47	0 1	1 23	1 2	12 33	2 17	9 19	0 38	12 44	1 38	17 13	7 47	11 48	11 17	18 8	14 52	0 54
T 19	23 15	15 45	1 30	18 55	2 25	23 39	0 28	21 54	0 2	1 21	1 2	12 34	2 17	9 18	0 38	12 43	1 38	17 14	7 47	11 49	11 18	18 9	14 54	0 54
W20	23 16	13 5	0 27	19 9	2 21	23 38	0 30	22 0	0 2	1 20	1 2	12 36	2 17	9 18	0 38	12 43	1 38	17 14	7 48	11 50	11 19	18 10	14 56	0 55
T 21	23 17	9 48	0n40	19 23	2 16	23 37	0 32	22 6	0 3	1 18	1 3	12 37	2 18	9 18	0 38	12 43	1 38	17 14	7 48	11 50	11 20	18 11	14 57	0 55
F 22	23 17	6 0	1 45	19 38	2 10	23 35	0 35	22 12	0 4	1 17	1 3	12 39	2 18	9 18	0 38	12 43	1 38	17 15	7 48	11 50	11 21	18 11	14 59	0 55
S 23	23 17	1 50	2 48	19 54	2 4	23 32	0 37	22 18	0 4	1 15	1 3	12 41	2 18	9 18	0 38	12 42	1 38	17 15	7 48	11 49	11 23	18 12	15 1	0 56
S 24	23 16	2s33	3 43	20 10	1 57	23 28	0 39	22 24	0 5	1 14	1 3	12 42	2 18	9 17	0 38	12 42	1 38	17 16	7 49	11 50	11 24	18 13	15 2	0 56
M25	23 15	6 57	4 27	20 26	1 50	23 23	0 41	22 29	0 5	1 12	1 4	12 44	2 18	9 17	0 38	12 42	1 38	17 16	7 49	11 51	11 25	18 14	15 4	0 57
T 26	23 13	11 6	4 56	20 42	1 43	23 18	0 44	22 34	0 6	1 11	1 4	12 45	2 18	9 17	0 38	12 42	1 38	17 17	7 49	11 53	11 26	18 14	15 5	0 57
W27	23 11	14 41	5 6	20 58	1 36	23 12	0 46	22 40	0 7	1 10	1 4	12 47	2 19	9 17	0 38	12 42	1 38	17 17	7 50	11 55	11 27	18 15	15 7	0 57
T 28	23 9	17 22	4 56	21 14	1 28	23 6	0 48	22 44	0 7	1 9	1 4	12 48	2 19	9 17	0 38	12 41	1 38	17 18	7 50	11 58	11 28	18 16	15 9	0 58
F 29	23 6	18 52	4 24	21 28	1 20	22 58	0 50	22 49	0 8	1 8	1 5	12 49	2 19	9 17	0 38	12 41	1 38	17 18	7 50	12 1	11 29	18 17	15 10	0 58
S 30	23 2	19 0	3 34	21 43	1 13	22 50	0 52	22 53	0 8	1 7	1 5	12 51	2 19	9 17	0 38	12 41	1 38	17 18	7 50	12 3	11 30	18 17	15 12	0 59
S 31	22s58	17s47	2n29	21s56	1n 5	22s42	0s54	22s58	0s 9	1n 6	1n 5	12s52	2n19	9n17	0s38	12n41	1s38	17n19	7n51	12n 5	11n31	18n18	15s13	0n59

Julian Day Number = 2886152.5, Delta T = 01h17m23s
Ecliptic obliquity = 23°16'59, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°24'17, Lahiri = 40°31'18

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ASTRODIENST EPHEMERIS for the year 3190
geocentric

JANUARY 3190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 43 22	10♑ 7'04	13♒45	22♐59	21♑17	19♐26	29♏47	11♏15	25°R41	8°R26	3°R53	27°R58	29♌35	22♊13	14♏52	M 1
T 2	6 47 19	11° 8'01	28° 2	24°25	22°33	20° 8	29°50	11°20	25♈41	8♉26	3♍52	27°D57	29°32	22°20	14°58	T 2
W 3	6 51 15	12° 8'59	11♓50	25°53	23°48	20°50	29°52	11°24	25°41	8°25	3°51	27♌58	29°29	22°26	15° 4	W 3
T 4	6 55 12	13° 9'57	25°11	27°21	25° 3	21°32	29°54	11°29	25°D41	8°24	3°51	27°59	29°26	22°33	15°10	T 4
F 5	6 59 8	14°10'56	8♈ 6	28°49	26°19	22°14	29°56	11°34	25°41	8°24	3°50	28° 0	29°23	22°40	15°16	F 5
S 6	7 3 5	15°11'55	20°40	0♑18	27°34	22°56	29°58	11°38	25°41	8°24	3°49	28°R 0	29°20	22°47	15°22	S 6
S 7	7 7 1	16°12'55	2♉57	1°47	28°49	23°38	29°59	11°43	25°41	8°23	3°48	27°59	29°16	22°53	15°28	S 7
M 8	7 10 58	17°13'55	15° 2	3°17	0♒ 4	24°20	0♎ 1	11°47	25°41	8°23	3°47	27°55	29°13	23° 0	15°33	M 8
T 9	7 14 55	18°14'55	26°59	4°47	1°20	25° 2	0° 2	11°52	25°42	8°22	3°46	27°50	29°10	23° 7	15°39	T 9
W10	7 18 51	19°15'56	8♊52	6°18	2°35	25°44	0° 3	11°56	25°42	8°22	3°45	27°43	29° 7	23°13	15°45	W10
T 11	7 22 48	20°16'57	20°43	7°49	3°50	26°26	0° 4	12° 0	25°42	8°22	3°44	27°36	29° 4	23°20	15°50	T 11
F 12	7 26 44	21°17'58	2♋35	9°20	5° 6	27° 9	0° 5	12° 4	25°43	8°22	3°44	27°28	29° 1	23°27	15°55	F 12
S 13	7 30 41	22°19'00	14°31	10°51	6°21	27°51	0° 5	12° 8	25°43	8°21	3°43	27°22	28°57	23°34	16° 1	S 13
S 14	7 34 37	23°20'02	26°31	12°23	7°36	28°33	0° 5	12°12	25°44	8°21	3°42	27°17	28°54	23°40	16° 6	S 14
M15	7 38 34	24°21'05	8♌38	13°55	8°51	29°15	0°R 5	12°16	25°44	8°21	3°41	27°13	28°51	23°47	16°11	M15
T 16	7 42 30	25°22'08	20°52	15°27	10° 7	29°58	0° 5	12°19	25°45	8°21	3°39	27°12	28°48	23°54	16°16	T 16
W17	7 46 27	26°23'11	3♍15	17° 0	11°22	0♑40	0° 5	12°23	25°45	8°21	3°38	27°D12	28°45	24° 0	16°21	W17
T 18	7 50 24	27°24'15	15°50	18°33	12°37	1°23	0° 4	12°27	25°46	8°21	3°37	27°13	28°41	24° 7	16°26	T 18
F 19	7 54 20	28°25'19	28°39	20° 6	13°52	2° 5	0° 4	12°30	25°47	8°D21	3°36	27°15	28°38	24°14	16°31	F 19
S 20	7 58 17	29°26'23	11♎44	21°39	15° 8	2°48	0° 3	12°33	25°48	8°21	3°35	27°16	28°35	24°21	16°35	S 20
S 21	8 2 13	0♒27'28	25° 9	23°13	16°23	3°30	0° 2	12°37	25°48	8°21	3°34	27°R17	28°32	24°27	16°40	S 21
M22	8 6 10	1°28'33	8♏54	24°47	17°38	4°13	0° 0	12°40	25°49	8°21	3°33	27°17	28°29	24°34	16°44	M22
T 23	8 10 6	2°29'39	23° 0	26°22	18°53	4°55	29♏59	12°43	25°50	8°21	3°32	27°16	28°26	24°41	16°49	T 23
W24	8 14 3	3°30'45	7♐27	27°57	20° 8	5°38	29°57	12°46	25°51	8°21	3°30	27°13	28°22	24°47	16°53	W24
T 25	8 17 59	4°31'52	22°10	29°32	21°24	6°21	29°55	12°49	25°52	8°22	3°29	27°10	28°19	24°54	16°57	T 25
F 26	8 21 56	5°32'59	7♑ 5	1♒ 8	22°39	7° 3	29°53	12°52	25°54	8°22	3°28	27° 7	28°16	25° 1	17° 1	F 26
S 27	8 25 53	6°34'05	22° 2	2°44	23°54	7°46	29°51	12°54	25°55	8°22	3°27	27° 4	28°13	25° 7	17° 5	S 27
S 28	8 29 49	7°35'12	6♒54	4°20	25° 9	8°29	29°48	12°57	25°56	8°22	3°26	27° 3	28°10	25°14	17° 9	S 28
M29	8 33 46	8°36'19	21°33	5°57	26°24	9°12	29°46	12°59	25°57	8°23	3°24	27°D 2	28° 7	25°21	17°13	M29
T 30	8 37 42	9°37'25	5♓51	7°35	27°39	9°55	29°43	13° 2	25°58	8°23	3°23	27° 2	28° 3	25°28	17°16	T 30
W31	8 41 39	10♒38'31	19♓45	9♒12	28♒54	10♑38	29♏40	13♏ 4	26♈ 0	8♉24	3♍22	27♌ 3	28♌ 0	25♊34	17♏20	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s54	15s23	1n16	22s 9	0n57	22s32	0s56	23s 2	0s10	1n 5	1n 5	12s53	2n20	9n17	0s38	12n41	1s38	17n19	7n51	12n 6	11n32	18n19	15s14	1n 0
T 2	22 49	12 5	0s 0	22 21	0 49	22 22	0 58	23 5	0 10	1 4	1 6	12 55	2 20	9 17	0 38	12 41	1 38	17 20	7 51	12 6	11 34	18 19	15 16	1 0
W 3	22 44	8 14	1 14	22 32	0 41	22 11	1 0	23 9	0 11	1 4	1 6	12 56	2 20	9 17	0 38	12 41	1 38	17 20	7 51	12 6	11 35	18 20	15 17	1 0
T 4	22 38	4 5	2 22	22 42	0 34	22 0	1 2	23 12	0 12	1 3	1 6	12 57	2 20	9 17	0 38	12 40	1 38	17 21	7 52	12 6	11 36	18 21	15 19	1 1
F 5	22 32	0n 8	3 20	22 51	0 26	21 48	1 4	23 16	0 12	1 2	1 6	12 58	2 20	9 17	0 38	12 40	1 38	17 22	7 52	12 5	11 37	18 22	15 20	1 1
S 6	22 25	4 12	4 7	22 59	0 18	21 35	1 6	23 19	0 13	1 2	1 7	13 0	2 21	9 17	0 38	12 40	1 37	17 22	7 52	12 5	11 38	18 22	15 21	1 2
S 7	22 18	8 1	4 41	23 6	0 11	21 22	1 7	23 21	0 13	1 2	1 7	13 1	2 21	9 17	0 38	12 40	1 37	17 23	7 52	12 6	11 39	18 23	15 22	1 2
M 8	22 11	11 25	5 2	23 11	0 3	21 8	1 9	23 24	0 14	1 1	1 7	13 2	2 21	9 17	0 38	12 40	1 37	17 23	7 53	12 7	11 40	18 24	15 24	1 3
T 9	22 3	14 20	5 10	23 16	0s 4	20 53	1 11	23 26	0 15	1 1	1 7	13 3	2 21	9 17	0 37	12 40	1 37	17 24	7 53	12 9	11 41	18 24	15 25	1 3
W10	21 55	16 38	5 4	23 19	0 11	20 38	1 12	23 28	0 15	1 1	1 8	13 4	2 21	9 17	0 37	12 40	1 37	17 24	7 53	12 11	11 42	18 25	15 26	1 3
T 11	21 46	18 13	4 45	23 22	0 18	20 22	1 14	23 30	0 16	1 1	1 8	13 5	2 22	9 17	0 37	12 40	1 37	17 25	7 53	12 14	11 44	18 26	15 27	1 4
F 12	21 37	19 1	4 14	23 23	0 25	20 5	1 15	23 32	0 17	1 1	1 8	13 6	2 22	9 18	0 37	12 40	1 37	17 25	7 53	12 16	11 45	18 26	15 28	1 4
S 13	21 27	18 59	3 32	23 23	0 32	19 48	1 17	23 33	0 17	1 1	1 8	13 7	2 22	9 18	0 37	12 40	1 37	17 26	7 54	12 18	11 46	18 27	15 29	1 5
S 14	21 17	18 6	2 40	23 21	0 39	19 31	1 18	23 34	0 18	1 1	1 9	13 8	2 22	9 18	0 37	12 40	1 37	17 27	7 54	12 20	11 47	18 28	15 30	1 5
M15	21 6	16 23	1 40	23 19	0 45	19 13	1 20	23 35	0 18	1 1	1 9	13 9	2 23	9 18	0 37	12 40	1 37	17 27	7 54	12 21	11 48	18 28	15 31	1 6
T 16	20 56	13 54	0 35	23 15	0 52	18 54	1 21	23 36	0 19	1 2	1 9	13 10	2 23	9 18	0 37	12 40	1 37	17 28	7 54	12 22	11 49	18 29	15 32	1 6
W17	20 44	10 46	0n33	23 10	0 58	18 34	1 22	23 37	0 20	1 2	1 10	13 11	2 23	9 19	0 37	12 40	1 37	17 28	7 55	12 22	11 50	18 30	15 33	1 7
T 18	20 33	7 6	1 40	23 3	1 4	18 15	1 23	23 37	0 20	1 2	1 10	13 12	2 23	9 19	0 37	12 40	1 37	17 29	7 55	12 22	11 51	18 31	15 34	1 7
F 19	20 21	3 3	2 44	22 56	1 9	17 54	1 25	23 37	0 21	1 3	1 10	13 12	2 24	9 19	0 37	12 40	1 37	17 29	7 55	12 21	11 52	18 31	15 35	1 7
S 20	20 8	1s13	3 41	22 47	1 15	17 33	1 26	23 37	0 22	1 4	1 10	13 13	2 24	9 20	0 37	12 40	1 37	17 30	7 55	12 20	11 53	18 32	15 36	1 8
S 21	19 55	5 32	4 26	22 37	1 20	17 12	1 27	23 37	0 22	1 4	1 11	13 14	2 24	9 20	0 37	12 40	1 37	17 31	7 55	12 20	11 54	18 32	15 37	1 8
M22	19 42	9 39	4 58	22 25	1 25	16 50	1 28	23 36	0 23	1 5	1 11	13 15	2 24	9 20	0 37	12 40	1 37	17 31	7 56	12 20	11 56	18 33	15 38	1 9
T 23	19 28	13 20	5 14	22 13	1 30	16 28	1 28	23 35	0 24	1 6	1 11	13 15	2 24	9 21	0 37	12 40	1 37	17 32	7 56	12 21	11 57	18 34	15 38	1 9
W24	19 15	16 19	5 9	21 59	1 34	16 5	1 29	23 34	0 24	1 7	1 11	13 16	2 25	9 21	0 37	12 40	1 37	17 33	7 56	12 21	11 58	18 34	15 39	1 10
T 25	19 0	18 18	4 45	21 43	1 39	15 42	1 30	23 33	0 25	1 8	1 12	13 17	2 25	9 22	0 37	12 41	1 36	17 33	7 56	12 22	11 59	18 35	15 40	1 10
F 26	18 46	19 5	4 2	21 27	1 43	15 18	1 31	23 31	0 26	1 9	1 12	13 17	2 25	9 22	0 37	12 41	1 36	17 34	7 56	12 23	12 0	18 36	15 41	1 11
S 27	18 31	18 31	3 1	21 9	1 47	14 54	1 31	23 30	0 26	1 10	1 12	13 18	2 25	9 22	0 37	12 41	1 36	17 34	7 57	12 24	12 1	18 36	15 41	1 11
S 28	18 15	16 40	1 49	20 50	1 50	14 30	1 32	23 28	0 27	1 11	1 12	13 18	2 26	9 23	0 37	12 41	1 36	17 35	7 57	12 25	12 2	18 37	15 42	1 12
M29	18 0	13 45	0 30	20 29	1 53	14 5	1 32	23 25	0 28	1 12	1 13	13 19	2 26	9 23	0 37	12 41	1 36	17 36	7 57	12 25	12 3	18 38	15 42	1 12
T 30	17 44	10 4	0s49	20 8	1 56	13 40	1 33	23 23	0 28	1 14	1 13	13 19	2 26	9 24	0 37	12 41	1 36	17 36	7 57	12 25	12 4	18 38	15 43	1 13
W31	17s27	5s55	2s 2	19s45	1s59	13s14	1s33	23s20	0s29	1n15	1n13	13s20	2n26	9n24	0s37	12n41	1s36	17n37	7n57	12n25	12n 5	18n39	15s44	1n13

Julian Day Number = 2886183.5, Delta T = 01h17m24s
Ecliptic obliquity = 23°16'59, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°24'22, Lahiri = 40°31'22

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ASTRODIENST EPHEMERIS for the year 3190
geocentric

FEBRUARY 3190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 45 35	11♒39'36	3♈14	10♒51	0♓10	11♉21	29°R37	13♏ 6	26♈ 1	8♉24	3°R20	27♌ 4	27♌57	25♊41	17♏23	T 1
F 2	8 49 32	12°40'41	16°17	12°29	1°25	12° 4	29♍33	13° 8	26° 3	8°24	3♍19	27° 5	27°54	25°48	17°27	F 2
S 3	8 53 28	13°41'45	28°57	14° 9	2°40	12°47	29°30	13°10	26° 4	8°25	3°18	27° 6	27°51	25°54	17°30	S 3
S 4	8 57 25	14°42'49	11♉19	15°48	3°55	13°30	29°26	13°12	26° 6	8°26	3°16	27°R 7	27°47	26° 1	17°33	S 4
M 5	9 1 22	15°43'52	23°26	17°28	5°10	14°13	29°22	13°14	26° 7	8°26	3°15	27° 7	27°44	26° 8	17°36	M 5
T 6	9 5 18	16°44'54	5♊23	19° 9	6°25	14°56	29°18	13°16	26° 9	8°27	3°14	27° 6	27°41	26°15	17°39	T 6
W 7	9 9 15	17°45'56	17°15	20°50	7°40	15°39	29°14	13°17	26°11	8°27	3°12	27° 5	27°38	26°21	17°42	W 7
T 8	9 13 11	18°46'57	29° 6	22°32	8°55	16°23	29° 9	13°19	26°12	8°28	3°11	27° 4	27°35	26°28	17°44	T 8
F 9	9 17 8	19°47'57	11♋ 0	24°14	10°10	17° 6	29° 4	13°20	26°14	8°29	3°10	27° 3	27°32	26°35	17°47	F 9
S 10	9 21 4	20°48'57	22°59	25°57	11°25	17°49	29° 0	13°21	26°16	8°30	3° 8	27° 2	27°28	26°41	17°49	S 10
S 11	9 25 1	21°49'55	5♌ 7	27°40	12°40	18°33	28°55	13°23	26°18	8°30	3° 7	27° 1	27°25	26°48	17°52	S 11
M12	9 28 57	22°50'53	17°25	29°24	13°55	19°16	28°50	13°24	26°20	8°31	3° 5	27° 1	27°22	26°55	17°54	M12
T 13	9 32 54	23°51'50	29°56	1♓ 8	15° 9	19°59	28°44	13°25	26°22	8°32	3° 4	27°D 1	27°19	27° 1	17°56	T 13
W14	9 36 51	24°52'47	12♍38	2°52	16°24	20°43	28°39	13°25	26°24	8°33	3° 3	27° 1	27°16	27° 8	17°58	W14
T 15	9 40 47	25°53'43	25°34	4°36	17°39	21°26	28°33	13°26	26°26	8°34	3° 1	27° 1	27°12	27°15	18° 0	T 15
F 16	9 44 44	26°54'38	8♎43	6°21	18°54	22°10	28°28	13°27	26°28	8°35	3° 0	27°R 1	27° 9	27°22	18° 1	F 16
S 17	9 48 40	27°55'32	22° 5	8° 5	20° 9	22°53	28°22	13°27	26°30	8°36	2°58	27° 1	27° 6	27°28	18° 3	S 17
S 18	9 52 37	28°56'26	5♏41	9°50	21°23	23°37	28°16	13°28	26°32	8°37	2°57	27° 1	27° 3	27°35	18° 5	S 18
M19	9 56 33	29°57'19	19°29	11°34	22°38	24°21	28°10	13°28	26°34	8°38	2°56	27° 1	27° 0	27°42	18° 6	M19
T 20	10 0 30	0♓58'12	3♐30	13°18	23°53	25° 4	28° 4	13°28	26°36	8°39	2°54	27°D 0	26°57	27°48	18° 7	T 20
W21	10 4 26	1°59'04	17°42	15° 1	25° 7	25°48	27°57	13°R28	26°39	8°40	2°53	27° 1	26°53	27°55	18° 8	W21
T 22	10 8 23	2°59'56	2♑ 3	16°43	26°22	26°32	27°51	13°28	26°41	8°41	2°51	27° 1	26°50	28° 2	18° 9	T 22
F 23	10 12 20	4° 0'47	16°30	18°24	27°37	27°16	27°44	13°28	26°43	8°42	2°50	27° 2	26°47	28° 9	18°10	F 23
S 24	10 16 16	5° 1'37	0♒59	20° 3	28°51	28° 0	27°37	13°28	26°46	8°44	2°48	27° 2	26°44	28°15	18°11	S 24
S 25	10 20 13	6° 2'26	15°24	21°40	0♈ 6	28°43	27°31	13°27	26°48	8°45	2°47	27° 3	26°41	28°22	18°12	S 25
M26	10 24 9	7° 3'14	29°41	23°14	1°20	29°27	27°24	13°27	26°51	8°46	2°46	27°R 3	26°38	28°29	18°12	M26
T 27	10 28 6	8° 4'01	13♓45	24°46	2°35	0♒11	27°17	13°26	26°53	8°47	2°44	27° 3	26°34	28°35	18°13	T 27
W28	10 32 2	9♓ 4'46	27♓31	26♓13	3♈49	0♒55	27♍ 9	13♏26	26♈56	8♉49	2♍43	27♌ 2	26♌31	28♊42	18♏13	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s11	1s35	3s 7	19s20	2s 1	12s48	1s33	23s18	0s29	1n17	1n13	13s20	2n27	9n25	0s37	12n42	1s36	17n38	7n57	12n25	12n 6	18n40	15s44	1n14
F 2	16 54	2n40	4 0	18 55	2 3	12 22	1 34	23 14	0 30	1 18	1 14	13 21	2 27	9 26	0 37	12 42	1 36	17 38	7 58	12 24	12 8	18 40	15 44	1 14
S 3	16 36	6 40	4 39	18 28	2 5	11 55	1 34	23 11	0 31	1 20	1 14	13 21	2 27	9 26	0 37	12 42	1 36	17 39	7 58	12 24	12 9	18 41	15 45	1 15
S 4	16 19	10 17	5 5	18 0	2 6	11 28	1 34	23 8	0 31	1 22	1 14	13 21	2 27	9 27	0 37	12 42	1 36	17 39	7 58	12 24	12 10	18 41	15 45	1 15
M 5	16 1	13 24	5 16	17 30	2 7	11 1	1 34	23 4	0 32	1 23	1 14	13 22	2 28	9 27	0 36	12 43	1 36	17 40	7 58	12 24	12 11	18 42	15 46	1 16
T 6	15 43	15 55	5 13	17 0	2 7	10 33	1 34	23 0	0 33	1 25	1 15	13 22	2 28	9 28	0 36	12 43	1 36	17 41	7 58	12 24	12 12	18 43	15 46	1 16
W 7	15 24	17 44	4 57	16 28	2 7	10 5	1 34	22 56	0 33	1 27	1 15	13 22	2 28	9 29	0 36	12 43	1 36	17 41	7 58	12 24	12 13	18 43	15 46	1 17
T 8	15 6	18 48	4 29	15 54	2 7	9 37	1 34	22 51	0 34	1 29	1 15	13 22	2 29	9 29	0 36	12 43	1 36	17 42	7 58	12 25	12 14	18 44	15 46	1 17
F 9	14 47	19 2	3 48	15 20	2 6	9 9	1 33	22 46	0 35	1 31	1 15	13 22	2 29	9 30	0 36	12 44	1 36	17 43	7 59	12 25	12 15	18 44	15 47	1 18
S 10	14 28	18 25	2 58	14 44	2 4	8 40	1 33	22 41	0 35	1 33	1 16	13 22	2 29	9 31	0 36	12 44	1 36	17 43	7 59	12 25	12 16	18 45	15 47	1 18
S 11	14 8	16 57	1 59	14 7	2 3	8 11	1 33	22 36	0 36	1 35	1 16	13 23	2 29	9 31	0 36	12 44	1 36	17 44	7 59	12 26	12 17	18 46	15 47	1 19
M12	13 49	14 40	0 53	13 29	2 0	7 42	1 32	22 31	0 37	1 38	1 16	13 23	2 30	9 32	0 36	12 45	1 36	17 44	7 59	12 26	12 18	18 46	15 47	1 19
T 13	13 29	11 41	0n16	12 50	1 57	7 13	1 32	22 25	0 37	1 40	1 16	13 23	2 30	9 33	0 36	12 45	1 35	17 45	7 59	12 26	12 20	18 47	15 47	1 20
W14	13 9	8 6	1 26	12 10	1 54	6 44	1 31	22 20	0 38	1 42	1 16	13 23	2 30	9 33	0 36	12 45	1 35	17 46	7 59	12 26	12 21	18 47	15 47	1 20
T 15	12 48	4 5	2 32	11 28	1 50	6 14	1 30	22 14	0 39	1 45	1 17	13 23	2 30	9 34	0 36	12 46	1 35	17 46	7 59	12 26	12 22	18 48	15 47	1 21
F 16	12 28	0s11	3 31	10 46	1 45	5 44	1 29	22 7	0 39	1 47	1 17	13 23	2 31	9 35	0 36	12 46	1 35	17 47	7 59	12 26	12 23	18 48	15 47	1 21
S 17	12 7	4 31	4 20	10 2	1 40	5 14	1 29	22 1	0 40	1 50	1 17	13 22	2 31	9 36	0 36	12 46	1 35	17 47	7 59	12 26	12 24	18 49	15 47	1 22
S 18	11 46	8 40	4 56	9 18	1 34	4 44	1 28	21 54	0 41	1 52	1 17	13 22	2 31	9 37	0 36	12 47	1 35	17 48	8 0	12 26	12 25	18 50	15 47	1 22
M19	11 25	12 26	5 15	8 32	1 28	4 14	1 27	21 47	0 41	1 55	1 17	13 22	2 31	9 37	0 36	12 47	1 35	17 49	8 0	12 26	12 26	18 50	15 47	1 23
T 20	11 4	15 33	5 15	7 46	1 21	3 44	1 26	21 40	0 42	1 57	1 18	13 22	2 32	9 38	0 36	12 47	1 35	17 49	8 0	12 26	12 27	18 51	15 47	1 23
W21	10 42	17 47	4 57	6 59	1 13	3 13	1 25	21 33	0 43	2 0	1 18	13 22	2 32	9 39	0 36	12 48	1 35	17 50	8 0	12 26	12 28	18 51	15 47	1 24
T 22	10 20	18 56	4 20	6 12	1 5	2 43	1 23	21 25	0 44	2 3	1 18	13 21	2 32	9 40	0 36	12 48	1 35	17 50	8 0	12 26	12 29	18 52	15 46	1 24
F 23	9 58	18 51	3 27	5 25	0 55	2 12	1 22	21 18	0 44	2 5	1 18	13 21	2 32	9 41	0 36	12 49	1 35	17 51	8 0	12 25	12 30	18 52	15 46	1 25
S 24	9 36	17 32	2 20	4 37	0 45	1 41	1 21	21 10	0 45	2 8	1 18	13 21	2 33	9 42	0 36	12 49	1 35	17 52	8 0	12 25	12 31	18 53	15 46	1 25
S 25	9 14	15 5	1 4	3 49	0 35	1 11	1 19	21 1	0 46	2 11	1 18	13 21	2 33	9 43	0 36	12 49	1 35	17 52	8 0	12 25	12 32	18 54	15 46	1 26
M26	8 52	11 44	0s15	3 1	0 23	0 40	1 18	20 53	0 46	2 14	1 19	13 20	2 33	9 43	0 36	12 50	1 35	17 53	8 0	12 25	12 34	18 54	15 45	1 26
T 27	8 29	7 45	1 31	2 14	0 11	0 9	1 16	20 45	0 47	2 17	1 19	13 20	2 33	9 44	0 36	12 50	1 35	17 53	8 0	12 25	12 35	18 55	15 45	1 27
W28	8s 7	3s27	2s41	1s28	0n 2	0n22	1s15	20s36	0s48	2n20	1n19	13s19	2n34	9n45	0s36	12n51	1s35	17n54	8n 0	12n25	12n36	18n55	15s44	1n28

Julian Day Number = 2886214.5, Delta T = 01h17m25s
Ecliptic obliquity = 23°17'00, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°24'26, Lahiri = 40°31'26

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ASTRODIENST EPHEMERIS for the year 3190
geocentric

MARCH 3190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 35 59	10♓ 5'31	10♈57	27♓37	5♈ 4	1♒39	27°R 2	13°R25	26♈58	8♉50	2°R41	27°R 0	26♌28	28♊49	18♏13	T 1
F 2	10 39 55	11° 6'14	24° 2	28°55	6°18	2°23	26♍55	13♏24	27° 1	8°52	2♍40	26♌58	26°25	28°55	18°R13	F 2
S 3	10 43 52	12° 6'55	6♉46	0♈ 8	7°33	3° 7	26°48	13°23	27° 3	8°53	2°38	26°56	26°22	29° 2	18°13	S 3
S 4	10 47 48	13° 7'35	19°11	1°14	8°47	3°51	26°40	13°22	27° 6	8°54	2°37	26°54	26°18	29° 9	18°13	S 4
M 5	10 51 45	14° 8'14	1♊21	2°13	10° 1	4°36	26°33	13°21	27° 9	8°56	2°36	26°53	26°15	29°16	18°13	M 5
T 6	10 55 42	15° 8'51	13°20	3° 5	11°16	5°20	26°25	13°20	27°11	8°57	2°34	26°D52	26°12	29°22	18°13	T 6
W 7	10 59 38	16° 9'26	25°13	3°48	12°30	6° 4	26°17	13°18	27°14	8°59	2°33	26°52	26° 9	29°29	18°12	W 7
T 8	11 3 35	17°10'00	7♋ 4	4°22	13°44	6°48	26°10	13°17	27°17	9° 0	2°32	26°53	26° 6	29°36	18°12	T 8
F 9	11 7 31	18°10'32	18°58	4°46	14°58	7°32	26° 2	13°15	27°20	9° 2	2°30	26°55	26° 3	29°42	18°11	F 9
S 10	11 11 28	19°11'03	1♌ 0	5° 0	16°12	8°17	25°54	13°13	27°23	9° 4	2°29	26°57	25°59	29°49	18°10	S 10
S 11	11 15 24	20°11'31	13°14	5°R 4	17°26	9° 1	25°46	13°12	27°25	9° 5	2°27	26°58	25°56	29°56	18° 9	S 11
M12	11 19 21	21°11'58	25°42	4°58	18°40	9°45	25°39	13°10	27°28	9° 7	2°26	26°R59	25°53	0♋ 2	18° 8	M12
T 13	11 23 17	22°12'24	8♍27	4°42	19°54	10°30	25°31	13° 8	27°31	9° 8	2°25	26°58	25°50	0° 9	18° 7	T 13
W14	11 27 14	23°12'47	21°30	4°16	21° 8	11°14	25°23	13° 6	27°34	9°10	2°23	26°56	25°47	0°16	18° 6	W14
T 15	11 31 11	24°13'10	4♎50	3°41	22°22	11°59	25°15	13° 3	27°37	9°12	2°22	26°53	25°44	0°22	18° 4	T 15
F 16	11 35 7	25°13'30	18°26	2°58	23°36	12°43	25° 7	13° 1	27°40	9°14	2°21	26°49	25°40	0°29	18° 3	F 16
S 17	11 39 4	26°13'49	2♏15	2° 9	24°49	13°28	24°59	12°59	27°43	9°15	2°20	26°45	25°37	0°36	18° 1	S 17
S 18	11 43 0	27°14'07	16°15	1°13	26° 3	14°12	24°51	12°56	27°46	9°17	2°18	26°40	25°34	0°43	18° 0	S 18
M19	11 46 57	28°14'24	0♐20	0°14	27°17	14°57	24°44	12°54	27°49	9°19	2°17	26°36	25°31	0°49	17°58	M19
T 20	11 50 53	29°14'39	14°30	29♓12	28°30	15°41	24°36	12°51	27°52	9°21	2°16	26°34	25°28	0°56	17°56	T 20
W21	11 54 50	0♈14'52	28°40	28° 8	29°44	16°26	24°28	12°49	27°55	9°23	2°14	26°D33	25°24	1° 3	17°54	W21
T 22	11 58 46	1°15'05	12♑50	27° 6	0♉57	17°10	24°20	12°46	27°59	9°24	2°13	26°34	25°21	1° 9	17°52	T 22
F 23	12 2 43	2°15'16	26°56	26° 5	2°11	17°55	24°12	12°43	28° 2	9°26	2°12	26°35	25°18	1°16	17°49	F 23
S 24	12 6 40	3°15'25	10♒59	25° 7	3°24	18°40	24° 5	12°40	28° 5	9°28	2°11	26°36	25°15	1°23	17°47	S 24
S 25	12 10 36	4°15'33	24°55	24°13	4°37	19°25	23°57	12°37	28° 8	9°30	2°10	26°R37	25°12	1°29	17°45	S 25
M26	12 14 33	5°15'39	8♓44	23°24	5°51	20° 9	23°49	12°34	28°11	9°32	2° 8	26°36	25° 9	1°36	17°42	M26
T 27	12 18 29	6°15'44	22°23	22°41	7° 4	20°54	23°42	12°30	28°15	9°34	2° 7	26°34	25° 5	1°43	17°40	T 27
W28	12 22 26	7°15'47	5♈49	22° 4	8°17	21°39	23°34	12°27	28°18	9°36	2° 6	26°29	25° 2	1°50	17°37	W28
T 29	12 26 22	8°15'48	19° 1	21°34	9°30	22°24	23°27	12°24	28°21	9°38	2° 5	26°23	24°59	1°56	17°34	T 29
F 30	12 30 19	9°15'47	1♉57	21°10	10°43	23° 9	23°19	12°20	28°24	9°40	2° 4	26°15	24°56	2° 3	17°31	F 30
S 31	12 34 15	10♈15'45	14♉36	20♓53	11♉56	23♒54	23♍12	12♏17	28♈28	9♉42	2♍ 3	26♌ 7	24♌53	2♋10	17♏28	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s44	0n56	3s40	0s43	0n15	0n53	1s13	20s27	0s48	2n23	1n19	13s19	2n34	9n46	0s36	12n51	1s35	17n55	8n 0	12n26	12n37	18n56	15s44	1n28
F 2	7 21	5 8	4 26	0n 1	0 29	1 24	1 11	20 18	0 49	2 26	1 19	13 18	2 34	9 47	0 36	12 52	1 35	17 55	8 0	12 27	12 38	18 56	15 43	1 29
S 3	6 58	9 0	4 57	0 43	0 43	1 54	1 10	20 8	0 50	2 29	1 19	13 18	2 34	9 48	0 36	12 52	1 35	17 56	8 0	12 27	12 39	18 57	15 43	1 29
S 4	6 35	12 23	5 13	1 23	0 58	2 25	1 8	19 59	0 50	2 32	1 20	13 17	2 35	9 49	0 36	12 53	1 35	17 56	8 0	12 28	12 40	18 57	15 42	1 30
M 5	6 12	15 9	5 15	2 0	1 13	2 56	1 6	19 49	0 51	2 35	1 20	13 17	2 35	9 50	0 36	12 53	1 35	17 57	8 0	12 28	12 41	18 58	15 42	1 30
T 6	5 49	17 14	5 3	2 35	1 29	3 27	1 4	19 39	0 52	2 38	1 20	13 16	2 35	9 51	0 36	12 54	1 35	17 57	8 0	12 29	12 42	18 58	15 41	1 31
W 7	5 26	18 34	4 38	3 6	1 44	3 57	1 2	19 29	0 52	2 41	1 20	13 15	2 35	9 52	0 36	12 54	1 34	17 58	8 0	12 29	12 43	18 59	15 41	1 31
T 8	5 2	19 4	4 2	3 33	1 59	4 28	1 0	19 18	0 53	2 44	1 20	13 15	2 36	9 53	0 36	12 55	1 34	17 58	8 0	12 28	12 44	18 59	15 40	1 32
F 9	4 39	18 44	3 15	3 56	2 14	4 58	0 58	19 8	0 54	2 48	1 20	13 14	2 36	9 54	0 36	12 55	1 34	17 59	8 1	12 28	12 45	19 0	15 39	1 32
S 10	4 15	17 33	2 18	4 15	2 29	5 29	0 55	18 57	0 54	2 51	1 20	13 13	2 36	9 55	0 35	12 56	1 34	17 59	8 1	12 27	12 46	19 0	15 38	1 33
S 11	3 52	15 32	1 15	4 29	2 42	5 59	0 53	18 46	0 55	2 54	1 20	13 13	2 36	9 56	0 35	12 56	1 34	18 0	8 1	12 27	12 47	19 1	15 38	1 33
M12	3 28	12 46	0 7	4 38	2 55	6 29	0 51	18 35	0 56	2 57	1 20	13 12	2 37	9 57	0 35	12 57	1 34	18 0	8 1	12 26	12 49	19 1	15 37	1 34
T 13	3 4	9 19	1n 3	4 42	3 6	6 59	0 49	18 24	0 56	3 0	1 20	13 11	2 37	9 58	0 35	12 57	1 34	18 1	8 1	12 27	12 50	19 2	15 36	1 34
W14	2 41	5 21	2 11	4 41	3 16	7 29	0 46	18 12	0 57	3 3	1 21	13 10	2 37	9 59	0 35	12 58	1 34	18 1	8 1	12 27	12 51	19 2	15 35	1 35
T 15	2 17	1 3	3 13	4 35	3 24	7 58	0 44	18 1	0 58	3 7	1 21	13 9	2 37	10 0	0 35	12 59	1 34	18 2	8 1	12 28	12 52	19 3	15 34	1 36
F 16	1 53	3s23	4 5	4 24	3 31	8 28	0 41	17 49	0 58	3 10	1 21	13 8	2 37	10 2	0 35	12 59	1 34	18 2	8 1	12 30	12 53	19 3	15 33	1 36
S 17	1 29	7 43	4 45	4 8	3 35	8 57	0 39	17 37	0 59	3 13	1 21	13 8	2 38	10 3	0 35	13 0	1 34	18 3	8 0	12 31	12 54	19 4	15 32	1 37
S 18	1 6	11 40	5 7	3 49	3 37	9 26	0 36	17 25	1 0	3 16	1 21	13 7	2 38	10 4	0 35	13 0	1 34	18 3	8 0	12 33	12 55	19 4	15 31	1 37
M19	0 42	15 0	5 12	3 25	3 37	9 55	0 33	17 12	1 0	3 19	1 21	13 6	2 38	10 5	0 35	13 1	1 34	18 4	8 0	12 34	12 56	19 5	15 30	1 38
T 20	0 18	17 28	4 57	2 58	3 35	10 24	0 31	17 0	1 1	3 22	1 21	13 5	2 38	10 6	0 35	13 2	1 34	18 4	8 0	12 35	12 57	19 5	15 29	1 38
W21	0n 6	18 52	4 25	2 29	3 31	10 52	0 28	16 47	1 2	3 25	1 21	13 4	2 38	10 7	0 35	13 2	1 34	18 4	8 0	12 35	12 58	19 6	15 28	1 39
T 22	0 30	19 5	3 36	1 59	3 24	11 20	0 25	16 34	1 2	3 29	1 21	13 3	2 39	10 8	0 35	13 3	1 34	18 5	8 0	12 35	12 59	19 6	15 27	1 39
F 23	0 53	18 6	2 35	1 27	3 16	11 48	0 22	16 21	1 3	3 32	1 21	13 2	2 39	10 9	0 35	13 3	1 34	18 5	8 0	12 34	13 0	19 7	15 26	1 40
S 24	1 17	16 1	1 24	0 55	3 6	12 16	0 19	16 8	1 3	3 35	1 21	13 1	2 39	10 11	0 35	13 4	1 34	18 6	8 0	12 34	13 1	19 7	15 25	1 40
S 25	1 41	12 59	0 9	0 24	2 55	12 43	0 16	15 55	1 4	3 38	1 21	13 0	2 39	10 12	0 35	13 5	1 34	18 6	8 0	12 34	13 2	19 7	15 24	1 41
M26	2 5	9 15	1s 5	0s 6	2 43	13 10	0 14	15 42	1 5	3 41	1 21	12 58	2 39	10 13	0 35	13 5	1 34	18 6	8 0	12 34	13 3	19 8	15 23	1 41
T 27	2 28	5 5	2 15	0 36	2 29	13 37	0 11	15 28	1 5	3 44	1 21	12 57	2 40	10 14	0 35	13 6	1 34	18 7	8 0	12 35	13 4	19 8	15 21	1 42
W28	2 52	0 43	3 17	1 3	2 15	14 3	0 8	15 14	1 6	3 47	1 21	12 56	2 40	10 15	0 35	13 7	1 34	18 7	8 0	12 36	13 6	19 9	15 20	1 42
T 29	3 15	3n36	4 6	1 28	2 1	14 29	0 5	15 0	1 7	3 50	1 21	12 55	2 40	10 16	0 35	13 7	1 34	18 8	8 0	12 38	13 7	19 9	15 19	1 43
F 30	3 39	7 40	4 41	1 51	1 46	14 55	0 1	14 46	1 7	3 52	1 21	12 54	2 40	10 17	0 35	13 8	1 34	18 8	8 0	12 41	13 8	19 10	15 18	1 43
S 31	4n 2	11n18	5s 2	2s11	1n31	15n21	0n 2	14s32	1s 8	3n55	1n21	12s53	2n40	10n19	0s35	13n 9	1s34	18n 8	8n 0	12n44	13n 9	19n10	15s16	1n44

Julian Day Number = 2886242.5, Delta T = 01h17m25s
Ecliptic obliquity = 23°17'00, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°24'30, Lahiri = 40°31'30

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ASTRODIENST EPHEMERIS for the year 3190
geocentric

APRIL 3190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 38 12	11♈15'40	27♉ 0	20°R43	13♉ 9	24♒39	23°R 5	12°R13	28♈31	9♉44	2°R 2	25°R59	24♌49	2♋16	17°R25	S 1
M 2	12 42 8	12°15'33	9♊10	20°D38	14°22	25°23	22♍58	12♏10	28°34	9°46	2♍ 1	25♌53	24°46	2°23	17♏22	M 2
T 3	12 46 5	13°15'24	21° 9	20♓40	15°35	26° 8	22°51	12° 6	28°38	9°48	2° 0	25°48	24°43	2°30	17°19	T 3
W 4	12 50 2	14°15'14	3♋ 1	20°48	16°48	26°53	22°44	12° 2	28°41	9°50	1°59	25°45	24°40	2°36	17°16	W 4
T 5	12 53 58	15°15'01	14°52	21° 2	18° 0	27°38	22°37	11°58	28°44	9°52	1°58	25°D45	24°37	2°43	17°12	T 5
F 6	12 57 55	16°14'45	26°45	21°21	19°13	28°23	22°30	11°54	28°48	9°54	1°57	25°45	24°34	2°50	17° 9	F 6
S 7	13 1 51	17°14'28	8♌47	21°44	20°26	29° 8	22°24	11°50	28°51	9°57	1°56	25°46	24°30	2°56	17° 5	S 7
S 8	13 5 48	18°14'08	21° 1	22°13	21°38	29°54	22°17	11°46	28°54	9°59	1°55	25°R47	24°27	3° 3	17° 1	S 8
M 9	13 9 44	19°13'46	3♍34	22°46	22°50	0♓39	22°11	11°42	28°58	10° 1	1°54	25°47	24°24	3°10	16°58	M 9
T 10	13 13 41	20°13'22	16°28	23°23	24° 3	1°24	22° 5	11°38	29° 1	10° 3	1°53	25°45	24°21	3°17	16°54	T 10
W11	13 17 37	21°12'56	29°45	24° 5	25°15	2° 9	21°58	11°34	29° 5	10° 5	1°52	25°41	24°18	3°23	16°50	W11
T 12	13 21 34	22°12'28	13♎25	24°50	26°27	2°54	21°52	11°30	29° 8	10° 7	1°52	25°34	24°15	3°30	16°46	T 12
F 13	13 25 31	23°11'58	27°27	25°38	27°39	3°39	21°47	11°26	29°11	10°10	1°51	25°25	24°11	3°37	16°42	F 13
S 14	13 29 27	24°11'26	11♏44	26°30	28°51	4°24	21°41	11°21	29°15	10°12	1°50	25°16	24° 8	3°43	16°38	S 14
S 15	13 33 24	25°10'52	26°12	27°25	0♊ 3	5°10	21°35	11°17	29°18	10°14	1°49	25° 6	24° 5	3°50	16°34	S 15
M16	13 37 20	26°10'16	10♐44	28°23	1°15	5°55	21°30	11°13	29°22	10°16	1°48	24°58	24° 2	3°57	16°30	M16
T 17	13 41 17	27° 9'39	25°14	29°23	2°27	6°40	21°25	11° 8	29°25	10°18	1°48	24°52	23°59	4° 3	16°26	T 17
W18	13 45 13	28° 9'00	9♑36	0♈26	3°38	7°25	21°19	11° 4	29°28	10°21	1°47	24°48	23°55	4°10	16°22	W18
T 19	13 49 10	29° 8'19	23°48	1°32	4°50	8°10	21°15	10°59	29°32	10°23	1°46	24°D47	23°52	4°17	16°18	T 19
F 20	13 53 6	0♉ 7'37	7♒48	2°40	6° 2	8°56	21°10	10°55	29°35	10°25	1°46	24°47	23°49	4°23	16°13	F 20
S 21	13 57 3	1° 6'52	21°36	3°51	7°13	9°41	21° 5	10°50	29°39	10°27	1°45	24°R47	23°46	4°30	16° 9	S 21
S 22	14 1 0	2° 6'06	5♓12	5° 3	8°24	10°26	21° 1	10°46	29°42	10°30	1°44	24°47	23°43	4°37	16° 5	S 22
M23	14 4 56	3° 5'19	18°37	6°18	9°36	11°12	20°56	10°41	29°46	10°32	1°44	24°45	23°40	4°44	16° 0	M23
T 24	14 8 53	4° 4'29	1♈51	7°34	10°47	11°57	20°52	10°37	29°49	10°34	1°43	24°40	23°36	4°50	15°56	T 24
W25	14 12 49	5° 3'38	14°54	8°53	11°58	12°42	20°48	10°32	29°52	10°36	1°43	24°32	23°33	4°57	15°51	W25
T 26	14 16 46	6° 2'45	27°45	10°14	13° 9	13°28	20°44	10°27	29°56	10°39	1°42	24°21	23°30	5° 4	15°47	T 26
F 27	14 20 42	7° 1'50	10♉25	11°36	14°20	14°13	20°40	10°23	29°59	10°41	1°42	24° 9	23°27	5°10	15°42	F 27
S 28	14 24 39	8° 0'53	22°53	13° 0	15°31	14°59	20°37	10°18	0♉ 3	10°43	1°41	23°56	23°24	5°17	15°38	S 28
S 29	14 28 35	8°59'54	5♊ 9	14°26	16°41	15°44	20°34	10°14	0° 6	10°45	1°41	23°43	23°20	5°24	15°33	S 29
M30	14 32 32	9♉58'53	17♊14	15♈54	17♊52	16♓29	20♍31	10♏ 9	0♉ 9	10♉48	1♍41	23♌32	23♌17	5♋30	15♏28	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n26	14n21	5s 8	2s29	1n16	15n46	0n 5	14s18	1s 9	3n58	1n21	12s51	2n40	10n20	0s35	13n 9	1s34	18n 9	8n 0	12n46	13n10	19n11	15s15	1n44
M 2	4 49	16 44	5 0	2 45	1 1	16 10	0 8	14 4	1 9	4 1	1 21	12 50	2 41	10 21	0 35	13 10	1 34	18 9	8 0	12 49	13 11	19 11	15 14	1 45
T 3	5 12	18 21	4 39	2 57	0 47	16 34	0 11	13 49	1 10	4 4	1 21	12 49	2 41	10 22	0 35	13 11	1 34	18 9	8 0	12 50	13 12	19 11	15 12	1 45
W 4	5 35	19 9	4 6	3 7	0 33	16 58	0 14	13 34	1 10	4 6	1 21	12 48	2 41	10 23	0 35	13 11	1 34	18 9	8 0	12 51	13 13	19 12	15 11	1 46
T 5	5 58	19 6	3 22	3 15	0 19	17 22	0 17	13 20	1 11	4 9	1 21	12 46	2 41	10 25	0 35	13 12	1 34	18 10	8 0	12 51	13 14	19 12	15 9	1 47
F 6	6 21	18 13	2 30	3 20	0 5	17 45	0 20	13 5	1 12	4 11	1 21	12 45	2 41	10 26	0 35	13 13	1 34	18 10	7 59	12 51	13 15	19 13	15 8	1 47
S 7	6 44	16 30	1 30	3 22	0s 8	18 7	0 24	12 50	1 12	4 14	1 21	12 44	2 41	10 27	0 35	13 13	1 34	18 10	7 59	12 51	13 16	19 13	15 6	1 48
S 8	7 6	13 59	0 26	3 23	0 20	18 29	0 27	12 34	1 13	4 16	1 20	12 42	2 41	10 28	0 35	13 14	1 34	18 10	7 59	12 50	13 17	19 13	15 5	1 48
M 9	7 29	10 47	0n42	3 21	0 32	18 51	0 30	12 19	1 13	4 19	1 20	12 41	2 41	10 29	0 35	13 15	1 33	18 11	7 59	12 51	13 18	19 14	15 3	1 48
T 10	7 51	6 59	1 49	3 17	0 44	19 12	0 33	12 4	1 14	4 21	1 20	12 40	2 42	10 31	0 35	13 15	1 33	18 11	7 59	12 51	13 19	19 14	15 2	1 49
W11	8 13	2 44	2 52	3 10	0 54	19 33	0 37	11 48	1 15	4 24	1 20	12 38	2 42	10 32	0 35	13 16	1 33	18 11	7 59	12 53	13 20	19 15	15 0	1 49
T 12	8 36	1s47	3 47	3 2	1 5	19 53	0 40	11 33	1 15	4 26	1 20	12 37	2 42	10 33	0 35	13 17	1 33	18 11	7 59	12 55	13 21	19 15	14 59	1 50
F 13	8 57	6 18	4 29	2 52	1 15	20 12	0 43	11 17	1 16	4 28	1 20	12 36	2 42	10 34	0 35	13 17	1 33	18 12	7 59	12 58	13 22	19 15	14 57	1 50
S 14	9 19	10 33	4 56	2 40	1 24	20 32	0 46	11 1	1 16	4 30	1 20	12 34	2 42	10 35	0 35	13 18	1 33	18 12	7 59	13 1	13 23	19 16	14 56	1 51
S 15	9 41	14 15	5 4	2 26	1 33	20 50	0 50	10 45	1 17	4 32	1 20	12 33	2 42	10 37	0 35	13 19	1 33	18 12	7 59	13 4	13 24	19 16	14 54	1 51
M16	10 2	17 5	4 53	2 11	1 41	21 8	0 53	10 29	1 18	4 34	1 20	12 31	2 42	10 38	0 35	13 19	1 33	18 12	7 58	13 7	13 25	19 17	14 52	1 52
T 17	10 24	18 49	4 23	1 54	1 48	21 26	0 56	10 13	1 18	4 36	1 20	12 30	2 42	10 39	0 35	13 20	1 33	18 12	7 58	13 9	13 27	19 17	14 51	1 52
W18	10 45	19 20	3 37	1 36	1 55	21 43	0 59	9 57	1 19	4 38	1 20	12 29	2 42	10 40	0 35	13 21	1 33	18 12	7 58	13 10	13 28	19 17	14 49	1 53
T 19	11 6	18 37	2 37	1 16	2 2	21 59	1 2	9 41	1 19	4 40	1 19	12 27	2 42	10 41	0 35	13 22	1 33	18 13	7 58	13 11	13 29	19 18	14 48	1 53
F 20	11 27	16 46	1 29	0 54	2 8	22 15	1 6	9 24	1 20	4 42	1 19	12 26	2 42	10 43	0 35	13 22	1 33	18 13	7 58	13 11	13 30	19 18	14 46	1 54
S 21	11 47	13 57	0 17	0 32	2 13	22 30	1 9	9 8	1 20	4 44	1 19	12 24	2 42	10 44	0 35	13 23	1 33	18 13	7 58	13 10	13 31	19 18	14 44	1 54
S 22	12 8	10 24	0s55	0 7	2 18	22 45	1 12	8 51	1 21	4 45	1 19	12 23	2 42	10 45	0 35	13 24	1 33	18 13	7 58	13 11	13 32	19 19	14 43	1 55
M23	12 28	6 22	2 3	0n18	2 23	22 59	1 15	8 35	1 22	4 47	1 19	12 21	2 43	10 46	0 35	13 24	1 33	18 13	7 58	13 11	13 33	19 19	14 41	1 55
T 24	12 48	2 5	3 3	0 44	2 27	23 12	1 18	8 18	1 22	4 48	1 19	12 20	2 43	10 47	0 35	13 25	1 33	18 13	7 58	13 13	13 34	19 19	14 39	1 56
W25	13 7	2n15	3 53	1 12	2 30	23 25	1 21	8 1	1 23	4 50	1 19	12 19	2 43	10 49	0 35	13 26	1 33	18 13	7 57	13 16	13 35	19 20	14 38	1 56
T 26	13 27	6 24	4 30	1 41	2 33	23 37	1 24	7 44	1 23	4 51	1 19	12 17	2 43	10 50	0 35	13 26	1 33	18 13	7 57	13 19	13 36	19 20	14 36	1 56
F 27	13 46	10 13	4 53	2 11	2 35	23 49	1 27	7 28	1 24	4 53	1 18	12 16	2 43	10 51	0 35	13 27	1 33	18 13	7 57	13 23	13 37	19 20	14 34	1 57
S 28	14 5	13 31	5 1	2 42	2 37	24 0	1 30	7 11	1 24	4 54	1 18	12 14	2 43	10 52	0 35	13 28	1 33	18 13	7 57	13 27	13 38	19 21	14 32	1 57
S 29	14 24	16 11	4 55	3 13	2 38	24 10	1 33	6 54	1 25	4 55	1 18	12 13	2 43	10 53	0 35	13 29	1 33	18 13	7 57	13 32	13 39	19 21	14 31	1 58
M30	14n43	18n 6	4s36	3n46	2s39	24n20	1n36	6s36	1s25	4n56	1n18	12s11	2n43	10n55	0s35	13n29	1s33	18n13	7n57	13n35	13n40	19n21	14s29	1n58

Julian Day Number = 2886273.5, Delta T = 01h17m26s
Ecliptic obliquity = 23°17'00, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°24'34, Lahiri = 40°31'35

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ASTRODIENST EPHEMERIS for the year 3190
geocentric

MAY 3190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 36 28	10♉57'50	29♊11	17♈23	19♊ 3	17♓15	20°R28	10°R 4	0♉13	10♉50	1°R40	23°R23	23♌14	5♋37	15°R24	T 1
W 2	14 40 25	11°56'44	11♋ 1	18°54	20°13	18° 0	20♍25	10♏ 0	0°16	10°52	1♍40	23♌16	23°11	5°44	15♏19	W 2
T 3	14 44 22	12°55'37	22°50	20°26	21°23	18°46	20°22	9°55	0°20	10°54	1°40	23°13	23° 8	5°50	15°15	T 3
F 4	14 48 18	13°54'27	4♌42	22° 1	22°33	19°31	20°20	9°50	0°23	10°57	1°39	23°11	23° 5	5°57	15°10	F 4
S 5	14 52 15	14°53'15	16°41	23°37	23°44	20°16	20°18	9°46	0°26	10°59	1°39	23°11	23° 1	6° 4	15° 5	S 5
S 6	14 56 11	15°52'01	28°54	25°14	24°54	21° 2	20°16	9°41	0°30	11° 1	1°39	23°11	22°58	6°10	15° 1	S 6
M 7	15 0 8	16°50'45	11♍26	26°53	26° 3	21°47	20°14	9°37	0°33	11° 4	1°39	23°10	22°55	6°17	14°56	M 7
T 8	15 4 4	17°49'26	24°21	28°34	27°13	22°33	20°12	9°32	0°36	11° 6	1°39	23° 7	22°52	6°24	14°51	T 8
W 9	15 8 1	18°48'06	7♎43	0♉16	28°23	23°18	20°10	9°27	0°40	11° 8	1°38	23° 2	22°49	6°31	14°47	W 9
T 10	15 11 57	19°46'43	21°32	2° 1	29°32	24° 3	20° 9	9°23	0°43	11°10	1°38	22°54	22°46	6°37	14°42	T 10
F 11	15 15 54	20°45'18	5♏48	3°46	0♋42	24°49	20° 8	9°18	0°46	11°13	1°38	22°44	22°42	6°44	14°38	F 11
S 12	15 19 51	21°43'52	20°26	5°34	1°51	25°34	20° 7	9°14	0°49	11°15	1°38	22°32	22°39	6°51	14°33	S 12
S 13	15 23 47	22°42'23	5♐18	7°23	3° 0	26°20	20° 6	9° 9	0°53	11°17	1°38	22°21	22°36	6°57	14°29	S 13
M14	15 27 44	23°40'53	20°16	9°13	4° 9	27° 5	20° 6	9° 5	0°56	11°19	1°D38	22°11	22°33	7° 4	14°24	M14
T 15	15 31 40	24°39'21	5♑ 9	11° 6	5°18	27°51	20° 5	9° 1	0°59	11°22	1°38	22° 3	22°30	7°11	14°19	T 15
W16	15 35 37	25°37'48	19°52	13° 0	6°26	28°36	20° 5	8°56	1° 2	11°24	1°38	21°58	22°26	7°17	14°15	W16
T 17	15 39 33	26°36'13	4♒17	14°56	7°35	29°21	20°D 5	8°52	1° 5	11°26	1°38	21°56	22°23	7°24	14°11	T 17
F 18	15 43 30	27°34'36	18°23	16°53	8°43	0♈ 7	20° 5	8°48	1° 9	11°28	1°38	21°55	22°20	7°31	14° 6	F 18
S 19	15 47 26	28°32'58	2♓10	18°52	9°52	0°52	20° 6	8°44	1°12	11°30	1°38	21°55	22°17	7°37	14° 2	S 19
S 20	15 51 23	29°31'19	15°37	20°53	11° 0	1°38	20° 6	8°39	1°15	11°33	1°39	21°54	22°14	7°44	13°57	S 20
M21	15 55 20	0♊29'38	28°49	22°55	12° 8	2°23	20° 7	8°35	1°18	11°35	1°39	21°52	22°11	7°51	13°53	M21
T 22	15 59 16	1°27'55	11♈46	24°59	13°16	3° 8	20° 8	8°31	1°21	11°37	1°39	21°47	22° 7	7°57	13°49	T 22
W23	16 3 13	2°26'11	24°30	27° 4	14°23	3°54	20° 9	8°27	1°24	11°39	1°39	21°39	22° 4	8° 4	13°45	W23
T 24	16 7 9	3°24'26	7♉ 4	29°11	15°31	4°39	20°10	8°23	1°27	11°41	1°40	21°28	22° 1	8°11	13°40	T 24
F 25	16 11 6	4°22'39	19°27	1♊18	16°38	5°24	20°12	8°19	1°30	11°43	1°40	21°16	21°58	8°17	13°36	F 25
S 26	16 15 2	5°20'51	1♊41	3°27	17°45	6°10	20°13	8°15	1°33	11°45	1°40	21° 2	21°55	8°24	13°32	S 26
S 27	16 18 59	6°19'00	13°46	5°37	18°52	6°55	20°15	8°11	1°36	11°48	1°41	20°49	21°52	8°31	13°28	S 27
M28	16 22 55	7°17'09	25°45	7°47	19°59	7°40	20°17	8° 8	1°39	11°50	1°41	20°38	21°48	8°37	13°24	M28
T 29	16 26 52	8°15'15	7♋37	9°58	21° 6	8°26	20°19	8° 4	1°42	11°52	1°41	20°28	21°45	8°44	13°20	T 29
W30	16 30 49	9°13'20	19°25	12° 9	22°12	9°11	20°22	8° 0	1°45	11°54	1°42	20°21	21°42	8°51	13°16	W30
T 31	16 34 45	10♊11'23	1♌13	14♊19	23♋19	9♈56	20♍24	7♏57	1♉48	11♉56	1♍42	20♌17	21♌39	8♋58	13♏13	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 1	19n12	4s 5	4n20	2s39	24n29	1n39	6s19	1s26	4n57	1n18	12s10	2n43	10n56	0s35	13n30	1s33	18n13	7n57	13n38	13n41	19n22	14s27	1n58
W 2	15 19	19 27	3 24	4 54	2 39	24 37	1 42	6 2	1 26	4 58	1 18	12 9	2 43	10 57	0 35	13 31	1 33	18 13	7 56	13 40	13 42	19 22	14 26	1 59
T 3	15 37	18 51	2 33	5 30	2 38	24 45	1 44	5 45	1 27	4 59	1 18	12 7	2 43	10 58	0 35	13 31	1 33	18 13	7 56	13 42	13 43	19 22	14 24	1 59
F 4	15 55	17 24	1 36	6 6	2 36	24 51	1 47	5 28	1 27	5 0	1 17	12 6	2 43	10 59	0 35	13 32	1 33	18 13	7 56	13 42	13 44	19 23	14 22	2 0
S 5	16 12	15 11	0 34	6 43	2 35	24 58	1 50	5 10	1 28	5 0	1 17	12 4	2 43	11 0	0 35	13 33	1 33	18 13	7 56	13 42	13 45	19 23	14 20	2 0
S 6	16 29	12 15	0n30	7 20	2 32	25 3	1 52	4 53	1 28	5 1	1 17	12 3	2 42	11 2	0 35	13 33	1 33	18 13	7 56	13 42	13 46	19 23	14 19	2 0
M 7	16 46	8 42	1 35	7 58	2 29	25 8	1 55	4 36	1 29	5 2	1 17	12 1	2 42	11 3	0 35	13 34	1 33	18 13	7 56	13 42	13 47	19 24	14 17	2 1
T 8	17 2	4 38	2 37	8 37	2 26	25 13	1 57	4 18	1 29	5 2	1 17	12 0	2 42	11 4	0 35	13 35	1 33	18 13	7 56	13 43	13 48	19 24	14 15	2 1
W 9	17 18	0 13	3 32	9 16	2 22	25 16	2 0	4 1	1 29	5 3	1 17	11 59	2 42	11 5	0 35	13 35	1 33	18 13	7 55	13 45	13 49	19 24	14 14	2 2
T 10	17 34	4s22	4 17	9 56	2 18	25 19	2 2	3 43	1 30	5 3	1 16	11 57	2 42	11 6	0 35	13 36	1 33	18 13	7 55	13 48	13 50	19 25	14 12	2 2
F 11	17 50	8 50	4 48	10 36	2 13	25 22	2 5	3 26	1 30	5 3	1 16	11 56	2 42	11 7	0 35	13 37	1 33	18 13	7 55	13 51	13 51	19 25	14 10	2 2
S 12	18 5	12 55	5 0	11 17	2 8	25 23	2 7	3 8	1 31	5 3	1 16	11 55	2 42	11 8	0 35	13 37	1 33	18 13	7 55	13 55	13 52	19 25	14 9	2 3
S 13	18 20	16 14	4 53	11 58	2 2	25 24	2 9	2 51	1 31	5 4	1 16	11 53	2 42	11 10	0 35	13 38	1 33	18 13	7 55	13 58	13 53	19 25	14 7	2 3
M14	18 34	18 31	4 26	12 39	1 55	25 24	2 11	2 33	1 32	5 4	1 16	11 52	2 42	11 11	0 35	13 39	1 33	18 12	7 55	14 2	13 55	19 26	14 5	2 3
T 15	18 49	19 31	3 40	13 20	1 49	25 24	2 13	2 16	1 32	5 4	1 16	11 51	2 42	11 12	0 35	13 39	1 33	18 12	7 55	14 4	13 56	19 26	14 4	2 4
W16	19 3	19 10	2 41	14 2	1 41	25 23	2 15	1 58	1 32	5 3	1 15	11 50	2 42	11 13	0 35	13 40	1 33	18 12	7 54	14 6	13 57	19 26	14 2	2 4
T 17	19 16	17 34	1 32	14 43	1 34	25 21	2 17	1 40	1 33	5 3	1 15	11 48	2 42	11 14	0 35	13 41	1 33	18 12	7 54	14 6	13 58	19 26	14 0	2 4
F 18	19 29	14 55	0 19	15 24	1 26	25 19	2 19	1 23	1 33	5 3	1 15	11 47	2 42	11 15	0 35	13 41	1 33	18 12	7 54	14 7	13 59	19 27	13 59	2 5
S 19	19 42	11 29	0s54	16 5	1 17	25 16	2 21	1 5	1 33	5 3	1 15	11 46	2 42	11 16	0 35	13 42	1 33	18 12	7 54	14 7	14 0	19 27	13 57	2 5
S 20	19 55	7 30	2 2	16 46	1 8	25 12	2 22	0 48	1 34	5 2	1 15	11 45	2 41	11 17	0 35	13 43	1 34	18 11	7 54	14 7	14 1	19 27	13 56	2 5
M21	20 7	3 15	3 2	17 26	0 59	25 7	2 24	0 30	1 34	5 2	1 14	11 43	2 41	11 18	0 35	13 43	1 34	18 11	7 54	14 8	14 2	19 27	13 54	2 6
T 22	20 19	1n 4	3 51	18 5	0 50	25 2	2 25	0 12	1 35	5 1	1 14	11 42	2 41	11 19	0 35	13 44	1 34	18 11	7 54	14 9	14 3	19 28	13 53	2 6
W23	20 31	5 16	4 28	18 44	0 40	24 57	2 27	0n 5	1 35	5 1	1 14	11 41	2 41	11 20	0 35	13 45	1 34	18 11	7 53	14 12	14 4	19 28	13 51	2 6
T 24	20 42	9 11	4 51	19 22	0 30	24 50	2 28	0 23	1 35	5 0	1 14	11 40	2 41	11 21	0 35	13 45	1 34	18 10	7 53	14 15	14 5	19 28	13 49	2 7
F 25	20 53	12 39	5 0	19 58	0 19	24 44	2 29	0 40	1 36	4 59	1 14	11 39	2 41	11 22	0 35	13 46	1 34	18 10	7 53	14 19	14 6	19 28	13 48	2 7
S 26	21 3	15 32	4 56	20 34	0 9	24 36	2 30	0 58	1 36	4 59	1 14	11 38	2 41	11 23	0 35	13 47	1 34	18 10	7 53	14 23	14 7	19 29	13 47	2 7
S 27	21 13	17 43	4 37	21 8	0n 2	24 28	2 32	1 15	1 36	4 58	1 13	11 37	2 40	11 24	0 35	13 47	1 34	18 10	7 53	14 28	14 8	19 29	13 45	2 7
M28	21 23	19 6	4 7	21 40	0 12	24 19	2 32	1 33	1 36	4 57	1 13	11 36	2 40	11 25	0 35	13 48	1 34	18 9	7 53	14 31	14 9	19 29	13 44	2 8
T 29	21 32	19 38	3 26	22 10	0 23	24 10	2 33	1 50	1 37	4 56	1 13	11 35	2 40	11 26	0 35	13 48	1 34	18 9	7 52	14 34	14 10	19 29	13 42	2 8
W30	21 41	19 19	2 36	22 39	0 33	24 0	2 34	2 8	1 37	4 55	1 13	11 34	2 40	11 27	0 35	13 49	1 34	18 9	7 52	14 36	14 11	19 30	13 41	2 8
T 31	21n50	18n 8	1s40	23n 5	0n43	23n49	2n35	2n25	1s37	4n54	1n13	11s33	2n40	11n28	0s35	13n50	1s34	18n 9	7n52	14n38	14n12	19n30	13s39	2n 9

Julian Day Number = 2886303.5, Delta T = 01h17m27s
Ecliptic obliquity = 23°17'00, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°24'38, Lahiri = 40°31'39

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ASTRODIENST EPHEMERIS for the year 3190
geocentric

JUNE 3190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 38 42	11♊ 9'25	13♌ 4	16♊30	24♋25	10♈41	20♍27	7°R53	1♉51	11♉58	1♍43	20°R16	21♌36	9♋ 4	13°R 9	F 1
S 2	16 42 38	12° 7'24	25° 3	18°39	25°31	11°27	20°30	7♏50	1°53	12° 0	1°43	20°D15	21°32	9°11	13♏ 5	S 2
S 3	16 46 35	13° 5'22	7♍14	20°48	26°36	12°12	20°33	7°46	1°56	12° 2	1°44	20°R16	21°29	9°18	13° 2	S 3
M 4	16 50 31	14° 3'18	19°43	22°56	27°42	12°57	20°36	7°43	1°59	12° 4	1°44	20♌16	21°26	9°24	12°58	M 4
T 5	16 54 28	15° 1'12	2♎35	25° 1	28°47	13°42	20°39	7°40	2° 2	12° 6	1°45	20°14	21°23	9°31	12°55	T 5
W 6	16 58 24	15°59'05	15°54	27° 6	29°52	14°27	20°43	7°37	2° 4	12° 8	1°46	20°11	21°20	9°38	12°51	W 6
T 7	17 2 21	16°56'56	29°42	29° 8	0♌57	15°12	20°47	7°34	2° 7	12°10	1°46	20° 5	21°17	9°44	12°48	T 7
F 8	17 6 18	17°54'45	14♏ 0	1♋ 8	2° 1	15°57	20°51	7°31	2°10	12°12	1°47	19°58	21°13	9°51	12°45	F 8
S 9	17 10 14	18°52'33	28°43	3° 6	3° 6	16°42	20°55	7°28	2°12	12°14	1°48	19°49	21°10	9°58	12°42	S 9
S 10	17 14 11	19°50'19	13♐46	5° 1	4°10	17°27	20°59	7°25	2°15	12°16	1°48	19°40	21° 7	10° 4	12°39	S 10
M11	17 18 7	20°48'04	28°58	6°54	5°14	18°12	21° 3	7°22	2°17	12°18	1°49	19°32	21° 4	10°11	12°36	M11
T 12	17 22 4	21°45'48	14♑ 9	8°43	6°17	18°57	21° 8	7°20	2°20	12°19	1°50	19°25	21° 1	10°18	12°33	T 12
W13	17 26 0	22°43'31	29°10	10°30	7°20	19°42	21°12	7°17	2°22	12°21	1°51	19°22	20°58	10°24	12°30	W13
T 14	17 29 57	23°41'13	13♒52	12°15	8°23	20°27	21°17	7°15	2°25	12°23	1°51	19°D20	20°54	10°31	12°28	T 14
F 15	17 33 54	24°38'53	28°12	13°56	9°26	21°12	21°22	7°12	2°27	12°25	1°52	19°20	20°51	10°38	12°25	F 15
S 16	17 37 50	25°36'33	12♓ 6	15°34	10°29	21°57	21°27	7°10	2°30	12°27	1°53	19°21	20°48	10°44	12°22	S 16
S 17	17 41 47	26°34'11	25°37	17° 9	11°31	22°41	21°33	7° 8	2°32	12°28	1°54	19°R22	20°45	10°51	12°20	S 17
M18	17 45 43	27°31'49	8♈46	18°42	12°33	23°26	21°38	7° 6	2°34	12°30	1°55	19°21	20°42	10°58	12°18	M18
T 19	17 49 40	28°29'26	21°36	20°11	13°34	24°11	21°44	7° 4	2°36	12°32	1°56	19°19	20°38	11° 4	12°15	T 19
W20	17 53 36	29°27'03	4♉10	21°37	14°35	24°56	21°49	7° 2	2°39	12°34	1°57	19°14	20°35	11°11	12°13	W20
T 21	17 57 33	0♋24'38	16°32	23° 0	15°36	25°40	21°55	7° 0	2°41	12°35	1°58	19° 7	20°32	11°18	12°11	T 21
F 22	18 1 29	1°22'13	28°42	24°19	16°37	26°25	22° 1	6°58	2°43	12°37	1°59	18°59	20°29	11°24	12° 9	F 22
S 23	18 5 26	2°19'46	10♊45	25°36	17°37	27° 9	22° 7	6°56	2°45	12°38	2° 0	18°51	20°26	11°31	12° 7	S 23
S 24	18 9 23	3°17'19	22°42	26°49	18°37	27°54	22°14	6°55	2°47	12°40	2° 1	18°42	20°23	11°38	12° 6	S 24
M25	18 13 19	4°14'51	4♋34	27°59	19°36	28°38	22°20	6°53	2°49	12°42	2° 2	18°34	20°19	11°44	12° 4	M25
T 26	18 17 16	5°12'22	16°23	29° 5	20°35	29°23	22°27	6°52	2°51	12°43	2° 3	18°28	20°16	11°51	12° 3	T 26
W27	18 21 12	6° 9'52	28°11	0♌ 8	21°34	0♉ 7	22°34	6°51	2°53	12°45	2° 4	18°24	20°13	11°58	12° 1	W27
T 28	18 25 9	7° 7'22	10♌ 0	1° 7	22°32	0°51	22°40	6°50	2°55	12°46	2° 5	18°22	20°10	12° 5	12° 0	T 28
F 29	18 29 5	8° 4'50	21°54	2° 3	23°30	1°35	22°47	6°48	2°57	12°48	2° 7	18°D22	20° 7	12°11	11°59	F 29
S 30	18 33 2	9♋ 2'17	3♍56	2♌55	24♌27	2♉20	22♍55	6♏47	2♉59	12♉49	2♍ 8	18♌23	20♌ 4	12♋18	11♏57	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n58	16n10	0s38	23n29	0n53	23n38	2n35	2n42	1s38	4n52	1n12	11s32	2n40	11n29	0s35	13n50	1s34	18n 8	7n52	14n38	14n13	19n30	13s38	2n 9
S 2	22 6	13 29	0n25	23 50	1 2	23 27	2 35	3 0	1 38	4 51	1 12	11 31	2 39	11 30	0 35	13 51	1 34	18 8	7 52	14 38	14 14	19 30	13 37	2 9
S 3	22 13	10 11	1 29	24 9	1 11	23 15	2 36	3 17	1 38	4 50	1 12	11 30	2 39	11 31	0 35	13 51	1 34	18 8	7 52	14 38	14 15	19 30	13 36	2 9
M 4	22 20	6 21	2 30	24 26	1 20	23 2	2 36	3 34	1 38	4 48	1 12	11 29	2 39	11 32	0 35	13 52	1 34	18 7	7 52	14 38	14 16	19 31	13 34	2 10
T 5	22 27	2 8	3 26	24 39	1 28	22 49	2 36	3 51	1 38	4 47	1 12	11 28	2 39	11 33	0 35	13 53	1 34	18 7	7 51	14 39	14 17	19 31	13 33	2 10
W 6	22 33	2s20	4 12	24 51	1 36	22 35	2 36	4 9	1 39	4 45	1 12	11 27	2 39	11 34	0 35	13 53	1 34	18 7	7 51	14 40	14 18	19 31	13 32	2 10
T 7	22 39	6 50	4 46	24 59	1 42	22 21	2 36	4 26	1 39	4 44	1 11	11 26	2 39	11 35	0 35	13 54	1 34	18 6	7 51	14 42	14 19	19 31	13 31	2 10
F 8	22 44	11 7	5 3	25 5	1 48	22 6	2 35	4 43	1 39	4 42	1 11	11 26	2 38	11 36	0 35	13 54	1 34	18 6	7 51	14 44	14 20	19 31	13 29	2 10
S 9	22 49	14 51	5 1	25 9	1 54	21 51	2 35	5 0	1 39	4 40	1 11	11 25	2 38	11 37	0 35	13 55	1 34	18 5	7 51	14 47	14 21	19 32	13 28	2 11
S 10	22 54	17 42	4 38	25 10	1 58	21 35	2 34	5 17	1 39	4 38	1 11	11 24	2 38	11 37	0 35	13 55	1 34	18 5	7 51	14 50	14 22	19 32	13 27	2 11
M11	22 58	19 21	3 56	25 8	2 2	21 19	2 33	5 33	1 40	4 37	1 11	11 24	2 38	11 38	0 35	13 56	1 34	18 5	7 51	14 52	14 23	19 32	13 26	2 11
T 12	23 2	19 36	2 57	25 5	2 5	21 3	2 33	5 50	1 40	4 35	1 11	11 23	2 38	11 39	0 35	13 56	1 34	18 4	7 51	14 54	14 24	19 32	13 25	2 11
W13	23 5	18 28	1 46	24 59	2 7	20 46	2 32	6 7	1 40	4 33	1 10	11 22	2 37	11 40	0 35	13 57	1 34	18 4	7 50	14 55	14 25	19 32	13 24	2 11
T 14	23 8	16 5	0 29	24 52	2 9	20 28	2 30	6 24	1 40	4 31	1 10	11 22	2 37	11 41	0 35	13 57	1 34	18 3	7 50	14 56	14 26	19 32	13 23	2 12
F 15	23 11	12 46	0s47	24 42	2 9	20 10	2 29	6 40	1 40	4 28	1 10	11 21	2 37	11 42	0 35	13 58	1 34	18 3	7 50	14 56	14 27	19 33	13 22	2 12
S 16	23 13	8 49	1 59	24 31	2 9	19 52	2 28	6 57	1 40	4 26	1 10	11 21	2 37	11 42	0 35	13 58	1 34	18 3	7 50	14 55	14 28	19 33	13 21	2 12
S 17	23 14	4 31	3 2	24 18	2 8	19 34	2 26	7 13	1 40	4 24	1 10	11 20	2 36	11 43	0 35	13 59	1 34	18 2	7 50	14 55	14 29	19 33	13 20	2 12
M18	23 16	0 8	3 54	24 4	2 6	19 15	2 24	7 29	1 40	4 22	1 10	11 20	2 36	11 44	0 35	13 59	1 34	18 2	7 50	14 55	14 30	19 33	13 19	2 12
T 19	23 16	4n 9	4 32	23 49	2 3	18 55	2 23	7 46	1 40	4 19	1 9	11 19	2 36	11 45	0 35	14 0	1 34	18 1	7 50	14 56	14 31	19 33	13 19	2 13
W20	23 17	8 10	4 57	23 32	2 0	18 36	2 21	8 2	1 40	4 17	1 9	11 19	2 36	11 45	0 35	14 0	1 34	18 1	7 49	14 58	14 32	19 33	13 18	2 13
T 21	23 17	11 46	5 7	23 14	1 55	18 16	2 18	8 18	1 41	4 15	1 9	11 18	2 36	11 46	0 35	14 1	1 34	18 0	7 49	15 0	14 33	19 33	13 17	2 13
F 22	23 17	14 49	5 3	22 55	1 50	17 55	2 16	8 34	1 41	4 12	1 9	11 18	2 35	11 47	0 35	14 1	1 34	18 0	7 49	15 2	14 34	19 34	13 16	2 13
S 23	23 16	17 12	4 45	22 36	1 44	17 35	2 14	8 50	1 41	4 10	1 9	11 18	2 35	11 48	0 35	14 2	1 35	17 59	7 49	15 5	14 35	19 34	13 15	2 13
S 24	23 15	18 50	4 16	22 15	1 38	17 14	2 11	9 5	1 41	4 7	1 9	11 18	2 35	11 48	0 35	14 2	1 35	17 59	7 49	15 7	14 36	19 34	13 15	2 13
M25	23 13	19 38	3 35	21 54	1 30	16 53	2 8	9 21	1 41	4 4	1 8	11 17	2 35	11 49	0 35	14 3	1 35	17 58	7 49	15 10	14 37	19 34	13 14	2 14
T 26	23 11	19 34	2 45	21 33	1 22	16 31	2 5	9 37	1 41	4 1	1 8	11 17	2 34	11 50	0 35	14 3	1 35	17 58	7 49	15 12	14 38	19 34	13 14	2 14
W27	23 8	18 38	1 47	21 11	1 13	16 9	2 2	9 52	1 41	3 59	1 8	11 17	2 34	11 50	0 35	14 3	1 35	17 57	7 49	15 13	14 39	19 34	13 13	2 14
T 28	23 6	16 54	0 45	20 49	1 3	15 47	1 59	10 7	1 41	3 56	1 8	11 17	2 34	11 51	0 35	14 4	1 35	17 57	7 49	15 13	14 40	19 34	13 12	2 14
F 29	23 2	14 25	0n19	20 26	0 53	15 25	1 56	10 23	1 40	3 53	1 8	11 17	2 34	11 52	0 36	14 4	1 35	17 56	7 48	15 14	14 41	19 34	13 12	2 14
S 30	22n59	11n18	1n24	20n 4	0n42	15n 3	1n52	10n38	1s40	3n50	1n 8	11s17	2n33	11n52	0s36	14n 5	1s35	17n56	7n48	15n13	14n42	19n35	13s11	2n14

Julian Day Number = 2886334.5, Delta T = 01h17m27s
Ecliptic obliquity = 23°16'59, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°24'43, Lahiri = 40°31'43

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ASTRODIENST EPHEMERIS for the year 3190
geocentric

JULY 3190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 36 58	9♋59'43	16♍10	3♌44	25♌24	3♉ 4	23♍ 2	6°R47	3♉ 1	12♉51	2♍ 9	18♌24	20♌ 0	12♋25	11°R56	S 1
M 2	18 40 55	10°57'08	28°39	4°28	26°20	3°48	23° 9	6♏46	3° 2	12°52	2°10	18°26	19°57	12°31	11♏56	M 2
T 3	18 44 52	11°54'32	11♎29	5° 8	27°16	4°32	23°17	6°45	3° 4	12°53	2°12	18°R26	19°54	12°38	11°55	T 3
W 4	18 48 48	12°51'55	24°44	5°45	28°12	5°16	23°24	6°44	3° 6	12°55	2°13	18°26	19°51	12°45	11°54	W 4
T 5	18 52 45	13°49'17	8♏25	6°17	29° 7	6° 0	23°32	6°44	3° 7	12°56	2°14	18°24	19°48	12°51	11°53	T 5
F 6	18 56 41	14°46'38	22°35	6°45	0♍ 1	6°43	23°40	6°44	3° 9	12°57	2°15	18°20	19°44	12°58	11°53	F 6
S 7	19 0 38	15°43'59	7♐10	7° 9	0°55	7°27	23°48	6°43	3°10	12°59	2°17	18°16	19°41	13° 5	11°53	S 7
S 8	19 4 34	16°41'18	22° 8	7°28	1°48	8°11	23°56	6°43	3°12	13° 0	2°18	18°11	19°38	13°11	11°52	S 8
M 9	19 8 31	17°38'37	7♑19	7°42	2°40	8°54	24° 4	6°D43	3°13	13° 1	2°19	18° 7	19°35	13°18	11°52	M 9
T 10	19 12 27	18°35'56	22°33	7°52	3°32	9°38	24°13	6°43	3°15	13° 2	2°21	18° 4	19°32	13°25	11°D52	T 10
W11	19 16 24	19°33'14	7♒42	7°58	4°24	10°21	24°21	6°43	3°16	13° 3	2°22	18° 3	19°29	13°31	11°52	W11
T 12	19 20 21	20°30'31	22°35	7°R59	5°14	11° 5	24°30	6°43	3°17	13° 5	2°24	18°D 3	19°25	13°38	11°52	T 12
F 13	19 24 17	21°27'49	7♓ 7	7°55	6° 4	11°48	24°38	6°44	3°19	13° 6	2°25	18° 3	19°22	13°45	11°53	F 13
S 14	19 28 14	22°25'06	21°13	7°47	6°53	12°31	24°47	6°44	3°20	13° 7	2°27	18° 5	19°19	13°51	11°53	S 14
S 15	19 32 10	23°22'23	4♈52	7°34	7°42	13°15	24°56	6°45	3°21	13° 8	2°28	18° 6	19°16	13°58	11°53	S 15
M16	19 36 7	24°19'40	18° 6	7°18	8°30	13°58	25° 5	6°45	3°22	13° 9	2°29	18° 7	19°13	14° 5	11°54	M16
T 17	19 40 3	25°16'57	0♉57	6°57	9°16	14°41	25°14	6°46	3°23	13°10	2°31	18°R 7	19°10	14°11	11°55	T 17
W18	19 44 0	26°14'13	13°29	6°33	10° 3	15°24	25°23	6°47	3°24	13°11	2°32	18° 6	19° 6	14°18	11°56	W18
T 19	19 47 56	27°11'30	25°45	6° 5	10°48	16° 7	25°32	6°48	3°25	13°12	2°34	18° 4	19° 3	14°25	11°57	T 19
F 20	19 51 53	28° 8'47	7♊50	5°35	11°32	16°50	25°42	6°49	3°26	13°13	2°36	18° 2	19° 0	14°31	11°58	F 20
S 21	19 55 50	29° 6'05	19°46	5° 2	12°15	17°32	25°51	6°50	3°27	13°13	2°37	17°59	18°57	14°38	11°59	S 21
S 22	19 59 46	0♌ 3'22	1♋37	4°27	12°58	18°15	26° 1	6°51	3°28	13°14	2°39	17°56	18°54	14°45	12° 0	S 22
M23	20 3 43	1° 0'39	13°26	3°51	13°39	18°58	26°11	6°52	3°29	13°15	2°40	17°53	18°50	14°51	12° 1	M23
T 24	20 7 39	1°57'56	25°14	3°14	14°20	19°40	26°20	6°54	3°30	13°16	2°42	17°51	18°47	14°58	12° 3	T 24
W25	20 11 36	2°55'13	7♌ 5	2°37	14°59	20°22	26°30	6°55	3°30	13°17	2°44	17°50	18°44	15° 5	12° 4	W25
T 26	20 15 32	3°52'30	19° 1	2° 0	15°37	21° 5	26°40	6°57	3°31	13°17	2°45	17°D50	18°41	15°11	12° 6	T 26
F 27	20 19 29	4°49'47	1♍ 3	1°25	16°14	21°47	26°50	6°58	3°32	13°18	2°47	17°50	18°38	15°18	12° 8	F 27
S 28	20 23 26	5°47'04	13°14	0°51	16°50	22°29	27° 0	7° 0	3°32	13°19	2°48	17°51	18°35	15°25	12°10	S 28
S 29	20 27 22	6°44'20	25°37	0°20	17°25	23°11	27°11	7° 2	3°33	13°19	2°50	17°52	18°31	15°31	12°12	S 29
M30	20 31 19	7°41'37	8♎14	29♋51	17°58	23°53	27°21	7° 4	3°33	13°20	2°52	17°53	18°28	15°38	12°14	M30
T 31	20 35 15	8♌38'54	21♎ 8	29♋26	18♍30	24♉35	27♍31	7♏ 6	3♉34	13♉20	2♍53	17♌54	18♌25	15♋45	12♏16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n55	7n40	2n26	19n41	0n30	14n40	1n48	10n53	1s40	3n47	1n 8	11s17	2n33	11n53	0s36	14n 5	1s35	17n55	7n48	15n13	14n43	19n35	13s11	2n14
M 2	22 50	3 37	3 22	19 19	0 18	14 17	1 44	11 8	1 40	3 44	1 7	11 17	2 33	11 53	0 36	14 5	1 35	17 55	7 48	15 12	14 44	19 35	13 11	2 15
T 3	22 45	0s41	4 10	18 56	0 5	13 54	1 40	11 22	1 40	3 41	1 7	11 17	2 33	11 54	0 36	14 6	1 35	17 54	7 48	15 12	14 45	19 35	13 10	2 15
W 4	22 40	5 4	4 46	18 34	0s 8	13 31	1 36	11 37	1 40	3 38	1 7	11 17	2 32	11 54	0 36	14 6	1 35	17 54	7 48	15 12	14 46	19 35	13 10	2 15
T 5	22 34	9 21	5 8	18 13	0 23	13 8	1 31	11 52	1 40	3 35	1 7	11 17	2 32	11 55	0 36	14 6	1 35	17 53	7 48	15 13	14 47	19 35	13 10	2 15
F 6	22 28	13 16	5 11	17 52	0 37	12 45	1 27	12 6	1 40	3 31	1 7	11 17	2 32	11 55	0 36	14 7	1 35	17 52	7 48	15 14	14 48	19 35	13 9	2 15
S 7	22 22	16 30	4 56	17 31	0 52	12 21	1 22	12 20	1 40	3 28	1 7	11 17	2 31	11 56	0 36	14 7	1 35	17 52	7 48	15 15	14 49	19 35	13 9	2 15
S 8	22 15	18 44	4 20	17 12	1 8	11 58	1 17	12 34	1 39	3 25	1 7	11 17	2 31	11 56	0 36	14 7	1 35	17 51	7 48	15 17	14 50	19 35	13 9	2 15
M 9	22 8	19 40	3 25	16 53	1 23	11 34	1 11	12 48	1 39	3 21	1 6	11 17	2 31	11 57	0 36	14 8	1 35	17 51	7 48	15 18	14 51	19 35	13 9	2 15
T 10	22 0	19 11	2 15	16 35	1 40	11 10	1 6	13 2	1 39	3 18	1 6	11 18	2 31	11 57	0 36	14 8	1 35	17 50	7 47	15 19	14 52	19 35	13 9	2 15
W11	21 52	17 19	0 57	16 18	1 56	10 46	1 0	13 16	1 39	3 15	1 6	11 18	2 30	11 58	0 36	14 8	1 35	17 50	7 47	15 19	14 53	19 35	13 9	2 16
T 12	21 44	14 17	0s25	16 2	2 12	10 23	0 55	13 29	1 39	3 11	1 6	11 18	2 30	11 58	0 36	14 9	1 35	17 49	7 47	15 19	14 54	19 35	13 9	2 16
F 13	21 35	10 26	1 43	15 47	2 28	9 59	0 49	13 43	1 38	3 8	1 6	11 19	2 30	11 59	0 36	14 9	1 35	17 48	7 47	15 19	14 55	19 36	13 9	2 16
S 14	21 26	6 6	2 52	15 33	2 44	9 35	0 42	13 56	1 38	3 4	1 6	11 19	2 30	11 59	0 36	14 9	1 36	17 48	7 47	15 19	14 56	19 36	13 9	2 16
S 15	21 16	1 36	3 50	15 21	3 0	9 11	0 36	14 9	1 38	3 0	1 6	11 19	2 29	11 59	0 36	14 9	1 36	17 47	7 47	15 18	14 57	19 36	13 9	2 16
M16	21 7	2n50	4 33	15 10	3 16	8 47	0 29	14 22	1 38	2 57	1 5	11 20	2 29	12 0	0 36	14 10	1 36	17 47	7 47	15 18	14 58	19 36	13 9	2 16
T 17	20 56	7 1	5 1	15 1	3 31	8 23	0 22	14 35	1 37	2 53	1 5	11 20	2 29	12 0	0 36	14 10	1 36	17 46	7 47	15 18	14 59	19 36	13 9	2 16
W18	20 46	10 47	5 14	14 53	3 45	7 59	0 15	14 48	1 37	2 49	1 5	11 21	2 29	12 0	0 36	14 10	1 36	17 45	7 47	15 18	15 0	19 36	13 9	2 16
T 19	20 35	14 1	5 12	14 46	3 58	7 36	0 8	15 0	1 37	2 45	1 5	11 21	2 28	12 1	0 36	14 10	1 36	17 45	7 47	15 19	15 1	19 36	13 9	2 16
F 20	20 24	16 35	4 57	14 41	4 11	7 12	0 0	15 13	1 37	2 42	1 5	11 22	2 28	12 1	0 36	14 11	1 36	17 44	7 47	15 20	15 2	19 36	13 9	2 16
S 21	20 12	18 26	4 28	14 38	4 22	6 48	0s 7	15 25	1 36	2 38	1 5	11 23	2 28	12 1	0 36	14 11	1 36	17 44	7 47	15 21	15 3	19 36	13 10	2 17
S 22	20 0	19 28	3 48	14 36	4 32	6 25	0 15	15 37	1 36	2 34	1 5	11 23	2 28	12 2	0 36	14 11	1 36	17 43	7 47	15 21	15 4	19 36	13 10	2 17
M23	19 48	19 39	2 59	14 36	4 41	6 2	0 23	15 49	1 36	2 30	1 5	11 24	2 27	12 2	0 36	14 11	1 36	17 42	7 47	15 22	15 5	19 36	13 10	2 17
T 24	19 36	18 57	2 2	14 37	4 49	5 38	0 32	16 1	1 35	2 26	1 5	11 25	2 27	12 2	0 36	14 11	1 36	17 42	7 47	15 23	15 6	19 36	13 11	2 17
W25	19 23	17 25	0 59	14 40	4 54	5 15	0 40	16 12	1 35	2 22	1 4	11 25	2 27	12 2	0 36	14 12	1 36	17 41	7 47	15 23	15 7	19 36	13 11	2 17
T 26	19 10	15 8	0n 7	14 44	4 58	4 53	0 49	16 24	1 34	2 18	1 4	11 26	2 26	12 2	0 36	14 12	1 36	17 40	7 47	15 23	15 8	19 36	13 12	2 17
F 27	18 56	12 10	1 13	14 49	5 1	4 30	0 58	16 35	1 34	2 14	1 4	11 27	2 26	12 3	0 36	14 12	1 36	17 40	7 47	15 23	15 9	19 36	13 12	2 17
S 28	18 42	8 39	2 16	14 55	5 2	4 7	1 8	16 46	1 34	2 10	1 4	11 28	2 26	12 3	0 36	14 12	1 36	17 39	7 47	15 23	15 10	19 36	13 12	2 17
S 29	18 28	4 43	3 15	15 3	5 1	3 45	1 17	16 57	1 33	2 6	1 4	11 29	2 26	12 3	0 36	14 12	1 36	17 39	7 46	15 23	15 11	19 36	13 13	2 17
M30	18 14	0 31	4 5	15 11	4 59	3 23	1 27	17 7	1 33	2 2	1 4	11 29	2 25	12 3	0 36	14 12	1 36	17 38	7 46	15 22	15 12	19 36	13 14	2 17
T 31	17n59	3s48	4n44	15n20	4s55	3n 2	1s37	17n18	1s32	1n57	1n 4	11s30	2n25	12n 3	0s36	14n12	1s36	17n37	7n46	15n22	15n13	19n36	13s14	2n17

Julian Day Number = 2886364.5, Delta T = 01h17m28s
Ecliptic obliquity = 23°17'00, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°24'47, Lahiri = 40°31'47

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ASTRODIENST EPHEMERIS for the year 3190
geocentric

AUGUST 3190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 39 12	9♌36'10	4♏22	29°R 5	19♍ 1	25♉16	27♍42	7♏ 8	3♉34	13♉21	2♍55	17°R54	18♌22	15♋51	12♏19	W 1
T 2	20 43 8	10°33'26	17°58	28♋48	19°30	25°58	27°52	7°11	3°34	13°21	2°57	17♌54	18°19	15°58	12°21	T 2
F 3	20 47 5	11°30'43	1♐57	28°36	19°57	26°39	28° 3	7°13	3°34	13°22	2°59	17°54	18°16	16° 5	12°23	F 3
S 4	20 51 1	12°27'59	16°18	28°28	20°23	27°21	28°14	7°15	3°35	13°22	3° 0	17°53	18°12	16°11	12°26	S 4
S 5	20 54 58	13°25'15	0♑59	28°D26	20°47	28° 2	28°24	7°18	3°35	13°23	3° 2	17°53	18° 9	16°18	12°29	S 5
M 6	20 58 55	14°22'32	15°55	28°29	21°10	28°43	28°35	7°21	3°35	13°23	3° 4	17°53	18° 6	16°25	12°32	M 6
T 7	21 2 51	15°19'49	0♒57	28°38	21°31	29°24	28°46	7°23	3°35	13°23	3° 6	17°52	18° 3	16°31	12°35	T 7
W 8	21 6 48	16°17'06	15°59	28°53	21°50	0♊ 5	28°57	7°26	3°R35	13°23	3° 7	17°D52	18° 0	16°38	12°38	W 8
T 9	21 10 44	17°14'23	0♓50	29°13	22° 7	0°46	29° 8	7°29	3°35	13°24	3° 9	17°52	17°56	16°45	12°41	T 9
F 10	21 14 41	18°11'41	15°25	29°39	22°22	1°26	29°19	7°32	3°35	13°24	3°11	17°R52	17°53	16°51	12°44	F 10
S 11	21 18 37	19° 8'59	29°37	0♌10	22°35	2° 7	29°31	7°35	3°35	13°24	3°13	17°52	17°50	16°58	12°47	S 11
S 12	21 22 34	20° 6'18	13♈23	0°48	22°46	2°47	29°42	7°38	3°35	13°24	3°14	17°52	17°47	17° 5	12°51	S 12
M13	21 26 30	21° 3'38	26°44	1°31	22°55	3°27	29°53	7°42	3°35	13°24	3°16	17°52	17°44	17°11	12°54	M13
T 14	21 30 27	22° 0'59	9♉39	2°20	23° 2	4° 8	0♎ 5	7°45	3°34	13°24	3°18	17°52	17°41	17°18	12°58	T 14
W15	21 34 23	22°58'21	22°13	3°14	23° 7	4°48	0°16	7°48	3°34	13°25	3°20	17°D51	17°37	17°25	13° 2	W15
T 16	21 38 20	23°55'43	4♊30	4°14	23° 9	5°28	0°28	7°52	3°34	13°R25	3°22	17°52	17°34	17°31	13° 6	T 16
F 17	21 42 17	24°53'07	16°33	5°19	23°R10	6° 7	0°39	7°56	3°33	13°25	3°23	17°52	17°31	17°38	13° 9	F 17
S 18	21 46 13	25°50'31	28°26	6°30	23° 8	6°47	0°51	7°59	3°33	13°25	3°25	17°53	17°28	17°45	13°13	S 18
S 19	21 50 10	26°47'57	10♋16	7°45	23° 3	7°26	1° 2	8° 3	3°32	13°24	3°27	17°54	17°25	17°51	13°18	S 19
M20	21 54 6	27°45'23	22° 4	9° 6	22°56	8° 6	1°14	8° 7	3°32	13°24	3°29	17°54	17°21	17°58	13°22	M20
T 21	21 58 3	28°42'50	3♌55	10°32	22°47	8°45	1°26	8°11	3°31	13°24	3°31	17°55	17°18	18° 5	13°26	T 21
W22	22 1 59	29°40'18	15°52	12° 2	22°36	9°24	1°38	8°15	3°30	13°24	3°33	17°R56	17°15	18°11	13°30	W22
T 23	22 5 56	0♍37'47	27°57	13°37	22°22	10° 3	1°50	8°19	3°30	13°24	3°34	17°55	17°12	18°18	13°35	T 23
F 24	22 9 52	1°35'17	10♍12	15°16	22° 5	10°41	2° 2	8°23	3°29	13°24	3°36	17°54	17° 9	18°25	13°39	F 24
S 25	22 13 49	2°32'48	22°38	16°58	21°47	11°20	2°14	8°27	3°28	13°23	3°38	17°53	17° 6	18°31	13°44	S 25
S 26	22 17 46	3°30'19	5♎17	18°45	21°26	11°58	2°26	8°32	3°27	13°23	3°40	17°51	17° 2	18°38	13°49	S 26
M27	22 21 42	4°27'52	18°10	20°34	21° 3	12°37	2°38	8°36	3°26	13°23	3°42	17°49	16°59	18°45	13°54	M27
T 28	22 25 39	5°25'25	1♏17	22°27	20°38	13°15	2°50	8°41	3°26	13°22	3°44	17°46	16°56	18°51	13°59	T 28
W29	22 29 35	6°22'59	14°39	24°21	20°11	13°52	3° 2	8°45	3°25	13°22	3°45	17°45	16°53	18°58	14° 4	W29
T 30	22 33 32	7°20'33	28°17	26°19	19°42	14°30	3°14	8°50	3°24	13°21	3°47	17°43	16°50	19° 5	14° 9	T 30
F 31	22 37 28	8♍18'09	12♐10	28♌17	19♍11	15♊ 8	3♎27	8♏54	3♉23	13♉21	3♍49	17°D43	16♌47	19♋11	14♏14	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n44	8s 2	5n 9	15n29	4s49	2n41	1s47	17n28	1s32	1n53	1n 4	11s31	2n25	12n 3	0s36	14n12	1s37	17n37	7n46	15n22	15n14	19n36	13s15	2n17
T 2	17 29	11 59	5 17	15 39	4 42	2 20	1 58	17 39	1 31	1 49	1 4	11 32	2 25	12 3	0 36	14 13	1 37	17 36	7 46	15 22	15 15	19 36	13 15	2 18
F 3	17 13	15 23	5 8	15 50	4 34	1 59	2 8	17 49	1 31	1 45	1 4	11 33	2 24	12 3	0 36	14 13	1 37	17 35	7 46	15 22	15 15	19 36	13 16	2 18
S 4	16 57	17 57	4 39	16 0	4 25	1 39	2 19	17 58	1 30	1 40	1 3	11 34	2 24	12 3	0 36	14 13	1 37	17 35	7 46	15 22	15 16	19 36	13 17	2 18
S 5	16 41	19 25	3 52	16 11	4 14	1 19	2 30	18 8	1 30	1 36	1 3	11 35	2 24	12 3	0 36	14 13	1 37	17 34	7 46	15 22	15 17	19 36	13 18	2 18
M 6	16 25	19 33	2 48	16 22	4 3	1 0	2 42	18 18	1 29	1 32	1 3	11 36	2 24	12 4	0 36	14 13	1 37	17 33	7 46	15 22	15 18	19 36	13 18	2 18
T 7	16 8	18 18	1 33	16 32	3 51	0 41	2 53	18 27	1 28	1 27	1 3	11 38	2 23	12 4	0 36	14 13	1 37	17 33	7 46	15 23	15 19	19 36	13 19	2 18
W 8	15 51	15 47	0 11	16 42	3 38	0 23	3 5	18 36	1 28	1 23	1 3	11 39	2 23	12 4	0 36	14 13	1 37	17 32	7 46	15 23	15 20	19 36	13 20	2 18
T 9	15 34	12 13	1s11	16 51	3 24	0 6	3 17	18 45	1 27	1 18	1 3	11 40	2 23	12 3	0 36	14 13	1 37	17 32	7 46	15 23	15 21	19 35	13 21	2 18
F 10	15 17	7 59	2 27	17 0	3 10	0s12	3 29	18 54	1 27	1 14	1 3	11 41	2 23	12 3	0 36	14 13	1 37	17 31	7 46	15 23	15 22	19 35	13 22	2 18
S 11	14 59	3 24	3 32	17 8	2 55	0 28	3 41	19 3	1 26	1 9	1 3	11 42	2 22	12 3	0 37	14 13	1 37	17 30	7 46	15 23	15 23	19 35	13 23	2 18
S 12	14 41	1n13	4 22	17 14	2 40	0 44	3 54	19 11	1 25	1 5	1 3	11 44	2 22	12 3	0 37	14 13	1 37	17 30	7 46	15 23	15 24	19 35	13 24	2 18
M13	14 23	5 38	4 56	17 20	2 25	0 59	4 6	19 19	1 25	1 0	1 3	11 45	2 22	12 3	0 37	14 13	1 37	17 29	7 46	15 23	15 25	19 35	13 25	2 18
T 14	14 5	9 38	5 14	17 24	2 10	1 13	4 19	19 27	1 24	0 56	1 3	11 46	2 22	12 3	0 37	14 13	1 37	17 28	7 47	15 23	15 26	19 35	13 26	2 18
W15	13 46	13 6	5 17	17 27	1 54	1 27	4 32	19 35	1 23	0 51	1 3	11 47	2 21	12 3	0 37	14 13	1 37	17 28	7 47	15 23	15 27	19 35	13 27	2 19
T 16	13 27	15 55	5 4	17 29	1 39	1 40	4 44	19 43	1 23	0 47	1 2	11 49	2 21	12 3	0 37	14 13	1 37	17 27	7 47	15 23	15 28	19 35	13 28	2 19
F 17	13 9	17 59	4 39	17 28	1 23	1 52	4 57	19 51	1 22	0 42	1 2	11 50	2 21	12 3	0 37	14 13	1 37	17 26	7 47	15 23	15 29	19 35	13 29	2 19
S 18	12 49	19 15	4 2	17 26	1 8	2 3	5 10	19 58	1 21	0 37	1 2	11 52	2 21	12 2	0 37	14 13	1 37	17 26	7 47	15 22	15 30	19 35	13 30	2 19
S 19	12 30	19 40	3 14	17 21	0 53	2 13	5 23	20 5	1 21	0 33	1 2	11 53	2 20	12 2	0 37	14 13	1 38	17 25	7 47	15 22	15 31	19 35	13 31	2 19
M20	12 10	19 12	2 19	17 14	0 39	2 22	5 36	20 12	1 20	0 28	1 2	11 54	2 20	12 2	0 37	14 12	1 38	17 25	7 47	15 22	15 32	19 35	13 32	2 19
T 21	11 51	17 54	1 17	17 5	0 24	2 30	5 49	20 19	1 19	0 23	1 2	11 56	2 20	12 2	0 37	14 12	1 38	17 24	7 47	15 22	15 33	19 35	13 33	2 19
W22	11 31	15 48	0 11	16 54	0 11	2 37	6 1	20 26	1 18	0 18	1 2	11 57	2 20	12 2	0 37	14 12	1 38	17 23	7 47	15 22	15 34	19 34	13 35	2 19
T 23	11 11	12 58	0n55	16 40	0n 2	2 43	6 14	20 32	1 17	0 14	1 2	11 59	2 20	12 1	0 37	14 12	1 38	17 23	7 47	15 22	15 35	19 34	13 36	2 19
F 24	10 50	9 33	2 0	16 24	0 15	2 48	6 26	20 38	1 17	0 9	1 2	12 0	2 19	12 1	0 37	14 12	1 38	17 22	7 47	15 22	15 36	19 34	13 37	2 19
S 25	10 30	5 40	3 1	16 4	0 27	2 52	6 38	20 45	1 16	0 4	1 2	12 2	2 19	12 1	0 37	14 12	1 38	17 21	7 47	15 22	15 37	19 34	13 38	2 19
S 26	10 9	1 29	3 53	15 43	0 38	2 54	6 50	20 51	1 15	0s 1	1 2	12 4	2 19	12 1	0 37	14 12	1 38	17 21	7 47	15 23	15 38	19 34	13 40	2 19
M27	9 49	2s50	4 35	15 18	0 48	2 56	7 1	20 56	1 14	0 6	1 2	12 5	2 19	12 0	0 37	14 12	1 38	17 20	7 47	15 24	15 39	19 34	13 41	2 19
T 28	9 28	7 6	5 3	14 51	0 58	2 56	7 12	21 2	1 13	0 10	1 2	12 7	2 18	12 0	0 37	14 11	1 38	17 20	7 47	15 24	15 40	19 34	13 42	2 20
W29	9 7	11 6	5 15	14 22	1 6	2 55	7 22	21 7	1 12	0 15	1 2	12 8	2 18	12 0	0 37	14 11	1 38	17 19	7 47	15 25	15 40	19 34	13 44	2 20
T 30	8 46	14 36	5 10	13 50	1 14	2 53	7 32	21 13	1 11	0 20	1 2	12 10	2 18	11 59	0 37	14 11	1 38	17 18	7 47	15 25	15 41	19 33	13 45	2 20
F 31	8n24	17s21	4n47	13n16	1n21	2s50	7s41	21n18	1s10	0s25	1n 2	12s12	2n18	11n59	0s37	14n11	1s38	17n18	7n47	15n25	15n42	19n33	13s47	2n20

Julian Day Number = 2886395.5, Delta T = 01h17m29s
Ecliptic obliquity = 23°17'00, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°24'51, Lahiri = 40°31'51

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ASTRODIENST EPHEMERIS for the year 3190
geocentric

SEPTEMBER 3190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 41 25	9♍15'45	26♐19	0♍17	18°R39	15♊45	3♎39	8♏59	3°R21	13°R20	3♍51	17♌44	16♌43	19♋18	14♏19	S 1
S 2	22 45 21	10°13'22	10♑42	2°18	18♍ 5	16°22	3°51	9° 4	3♉20	13♉20	3°53	17°45	16°40	19°25	14°24	S 2
M 3	22 49 18	11°11'00	25°15	4°20	17°30	16°59	4° 4	9° 9	3°19	13°19	3°54	17°47	16°37	19°31	14°30	M 3
T 4	22 53 15	12° 8'39	9♒55	6°22	16°54	17°36	4°16	9°14	3°18	13°19	3°56	17°47	16°34	19°38	14°35	T 4
W 5	22 57 11	13° 6'19	24°36	8°25	16°17	18°12	4°29	9°19	3°17	13°18	3°58	17°R47	16°31	19°45	14°41	W 5
T 6	23 1 8	14° 4'00	9♓12	10°26	15°40	18°49	4°41	9°24	3°15	13°18	4° 0	17°46	16°27	19°51	14°46	T 6
F 7	23 5 4	15° 1'42	23°36	12°28	15° 3	19°25	4°54	9°29	3°14	13°17	4° 2	17°44	16°24	19°58	14°52	F 7
S 8	23 9 1	15°59'26	7♈43	14°29	14°25	20° 1	5° 6	9°35	3°13	13°16	4° 4	17°40	16°21	20° 5	14°58	S 8
S 9	23 12 57	16°57'10	21°29	16°29	13°48	20°37	5°19	9°40	3°11	13°15	4° 5	17°36	16°18	20°11	15° 4	S 9
M10	23 16 54	17°54'57	4♉51	18°29	13°11	21°12	5°31	9°45	3°10	13°15	4° 7	17°31	16°15	20°18	15°10	M10
T 11	23 20 50	18°52'45	17°50	20°27	12°35	21°47	5°44	9°51	3° 8	13°14	4° 9	17°27	16°12	20°24	15°16	T 11
W12	23 24 47	19°50'34	0♊26	22°24	12° 0	22°23	5°57	9°56	3° 7	13°13	4°11	17°24	16° 8	20°31	15°22	W12
T 13	23 28 44	20°48'25	12°44	24°20	11°26	22°58	6° 9	10° 2	3° 5	13°12	4°12	17°23	16° 5	20°38	15°28	T 13
F 14	23 32 40	21°46'18	24°47	26°15	10°53	23°32	6°22	10° 7	3° 4	13°11	4°14	17°D22	16° 2	20°44	15°34	F 14
S 15	23 36 37	22°44'13	6♋41	28° 9	10°22	24° 7	6°35	10°13	3° 2	13°10	4°16	17°23	15°59	20°51	15°40	S 15
S 16	23 40 33	23°42'09	18°30	0♎ 1	9°52	24°41	6°48	10°19	3° 0	13° 9	4°18	17°25	15°56	20°58	15°46	S 16
M17	23 44 30	24°40'07	0♌20	1°52	9°25	25°15	7° 0	10°25	2°58	13° 9	4°19	17°26	15°53	21° 4	15°53	M17
T 18	23 48 26	25°38'07	12°14	3°42	8°59	25°49	7°13	10°30	2°57	13° 8	4°21	17°R28	15°49	21°11	15°59	T 18
W19	23 52 23	26°36'08	24°17	5°31	8°35	26°22	7°26	10°36	2°55	13° 7	4°23	17°27	15°46	21°18	16° 6	W19
T 20	23 56 19	27°34'11	6♍32	7°18	8°14	26°55	7°39	10°42	2°53	13° 5	4°25	17°26	15°43	21°24	16°12	T 20
F 21	0 0 16	28°32'16	19° 2	9° 4	7°55	27°28	7°52	10°48	2°51	13° 4	4°26	17°22	15°40	21°31	16°19	F 21
S 22	0 4 12	29°30'22	1♎47	10°49	7°38	28° 1	8° 5	10°54	2°49	13° 3	4°28	17°16	15°37	21°38	16°26	S 22
S 23	0 8 9	0♎28'30	14°47	12°32	7°23	28°33	8°17	11° 0	2°47	13° 2	4°30	17°10	15°33	21°44	16°33	S 23
M24	0 12 6	1°26'39	28° 3	14°14	7°11	29° 5	8°30	11° 7	2°45	13° 1	4°31	17° 2	15°30	21°51	16°39	M24
T 25	0 16 2	2°24'50	11♏31	15°56	7° 2	29°37	8°43	11°13	2°44	13° 0	4°33	16°55	15°27	21°58	16°46	T 25
W26	0 19 59	3°23'03	25°12	17°36	6°54	0♋ 8	8°56	11°19	2°42	12°59	4°35	16°48	15°24	22° 4	16°53	W26
T 27	0 23 55	4°21'17	9♐ 1	19°14	6°49	0°40	9° 9	11°25	2°39	12°57	4°36	16°44	15°21	22°11	17° 0	T 27
F 28	0 27 52	5°19'32	22°59	20°52	6°47	1°11	9°22	11°32	2°37	12°56	4°38	16°41	15°18	22°18	17° 7	F 28
S 29	0 31 48	6°17'49	7♑ 4	22°28	6°D47	1°41	9°35	11°38	2°35	12°55	4°40	16°D41	15°14	22°24	17°14	S 29
S 30	0 35 45	7♎16'07	21♑13	24♎ 4	6♍49	2♋11	9♎48	11♏45	2♉33	12♉54	4♍41	16♌41	15♌11	22♋31	17♏21	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n 3	19s 7	4n 7	12n39	1n27	2s45	7s50	21n23	1s 9	0s30	1n 2	12s13	2n18	11n58	0s37	14n11	1s38	17n17	7n48	15n25	15n43	19n33	13s48	2n20
S 2	7 41	19 41	3 10	12 1	1 32	2 39	7 57	21 27	1 8	0 35	1 2	12 15	2 17	11 58	0 37	14 10	1 38	17 17	7 48	15 25	15 44	19 33	13 50	2 20
M 3	7 19	18 58	2 1	11 21	1 36	2 32	8 5	21 32	1 7	0 40	1 2	12 17	2 17	11 58	0 37	14 10	1 38	17 16	7 48	15 24	15 45	19 33	13 51	2 20
T 4	6 58	16 57	0 43	10 40	1 40	2 25	8 11	21 36	1 6	0 45	1 2	12 19	2 17	11 57	0 37	14 10	1 38	17 16	7 48	15 24	15 46	19 33	13 53	2 20
W 5	6 36	13 50	0s37	9 57	1 42	2 16	8 16	21 41	1 5	0 50	1 1	12 20	2 17	11 57	0 37	14 10	1 38	17 15	7 48	15 24	15 47	19 33	13 54	2 20
T 6	6 14	9 51	1 55	9 13	1 44	2 6	8 21	21 45	1 4	0 55	1 1	12 22	2 17	11 56	0 37	14 10	1 39	17 14	7 48	15 24	15 48	19 32	13 56	2 20
F 7	5 52	5 21	3 4	8 27	1 45	1 55	8 25	21 49	1 3	0 59	1 1	12 24	2 16	11 56	0 37	14 9	1 39	17 14	7 48	15 25	15 49	19 32	13 57	2 20
S 8	5 29	0 39	4 0	7 41	1 45	1 43	8 27	21 53	1 2	1 4	1 1	12 26	2 16	11 55	0 37	14 9	1 39	17 13	7 48	15 26	15 50	19 32	13 59	2 21
S 9	5 7	3n58	4 41	6 54	1 45	1 31	8 29	21 56	1 1	1 9	1 1	12 28	2 16	11 55	0 37	14 9	1 39	17 13	7 48	15 28	15 51	19 32	14 0	2 21
M10	4 45	8 15	5 5	6 7	1 43	1 18	8 30	22 0	1 0	1 14	1 1	12 29	2 16	11 54	0 37	14 9	1 39	17 12	7 49	15 29	15 52	19 32	14 2	2 21
T 11	4 22	12 1	5 13	5 19	1 42	1 5	8 30	22 3	0 59	1 19	1 1	12 31	2 16	11 54	0 37	14 8	1 39	17 12	7 49	15 30	15 53	19 32	14 3	2 21
W12	4 0	15 8	5 5	4 31	1 39	0 51	8 29	22 6	0 58	1 24	1 1	12 33	2 16	11 53	0 37	14 8	1 39	17 11	7 49	15 31	15 54	19 31	14 5	2 21
T 13	3 37	17 30	4 43	3 43	1 36	0 37	8 28	22 9	0 57	1 29	1 1	12 35	2 15	11 53	0 37	14 8	1 39	17 11	7 49	15 32	15 55	19 31	14 7	2 21
F 14	3 15	19 2	4 9	2 54	1 33	0 22	8 25	22 12	0 55	1 34	1 1	12 37	2 15	11 52	0 37	14 7	1 39	17 10	7 49	15 32	15 56	19 31	14 8	2 21
S 15	2 52	19 43	3 24	2 6	1 29	0 7	8 22	22 15	0 54	1 39	1 1	12 39	2 15	11 52	0 37	14 7	1 39	17 9	7 49	15 31	15 57	19 31	14 10	2 21
S 16	2 29	19 31	2 31	1 17	1 25	0n 7	8 17	22 18	0 53	1 44	1 1	12 41	2 15	11 51	0 37	14 7	1 39	17 9	7 49	15 31	15 58	19 31	14 12	2 21
M17	2 6	18 27	1 32	0 29	1 20	0 22	8 12	22 20	0 52	1 50	1 1	12 43	2 15	11 50	0 37	14 6	1 39	17 8	7 49	15 30	15 58	19 30	14 14	2 22
T 18	1 43	16 34	0 28	0s19	1 15	0 37	8 7	22 23	0 50	1 55	1 1	12 45	2 14	11 50	0 37	14 6	1 39	17 8	7 50	15 30	15 59	19 30	14 15	2 22
W19	1 21	13 55	0n37	1 7	1 10	0 51	8 0	22 25	0 49	2 0	1 1	12 47	2 14	11 49	0 37	14 6	1 39	17 7	7 50	15 30	16 0	19 30	14 17	2 22
T 20	0 58	10 38	1 42	1 54	1 4	1 6	7 54	22 27	0 48	2 5	1 1	12 49	2 14	11 49	0 37	14 5	1 39	17 7	7 50	15 31	16 1	19 30	14 19	2 22
F 21	0 35	6 49	2 43	2 41	0 58	1 19	7 46	22 29	0 47	2 10	1 1	12 51	2 14	11 48	0 37	14 5	1 39	17 6	7 50	15 32	16 2	19 30	14 20	2 22
S 22	0 12	2 37	3 37	3 28	0 52	1 33	7 38	22 31	0 45	2 15	1 1	12 53	2 14	11 47	0 37	14 5	1 39	17 6	7 50	15 33	16 3	19 29	14 22	2 22
S 23	0s11	1s46	4 21	4 14	0 45	1 46	7 30	22 33	0 44	2 20	1 1	12 55	2 14	11 47	0 37	14 4	1 39	17 6	7 50	15 35	16 4	19 29	14 24	2 22
M24	0 34	6 10	4 52	4 59	0 38	1 59	7 21	22 34	0 43	2 25	1 1	12 57	2 14	11 46	0 37	14 4	1 39	17 5	7 51	15 38	16 5	19 29	14 26	2 22
T 25	0 57	10 19	5 7	5 44	0 32	2 11	7 12	22 36	0 41	2 30	1 1	12 59	2 13	11 45	0 37	14 3	1 39	17 5	7 51	15 40	16 6	19 29	14 28	2 22
W26	1 20	14 0	5 5	6 29	0 25	2 22	7 2	22 37	0 40	2 35	1 1	13 1	2 13	11 45	0 37	14 3	1 39	17 4	7 51	15 42	16 7	19 28	14 29	2 23
T 27	1 43	16 57	4 45	7 13	0 17	2 33	6 52	22 39	0 38	2 40	1 1	13 3	2 13	11 44	0 37	14 3	1 39	17 4	7 51	15 43	16 8	19 28	14 31	2 23
F 28	2 6	18 57	4 9	7 56	0 10	2 43	6 42	22 40	0 37	2 45	1 1	13 5	2 13	11 43	0 37	14 2	1 40	17 3	7 51	15 44	16 9	19 28	14 33	2 23
S 29	2 29	19 49	3 17	8 39	0 3	2 53	6 32	22 41	0 35	2 50	1 1	13 7	2 13	11 42	0 37	14 2	1 40	17 3	7 51	15 44	16 10	19 28	14 35	2 23
S 30	2s52	19s26	2n13	9s21	0s 5	3n 2	6s22	22n42	0s34	2s55	1n 1	13s 9	2n13	11n42	0s37	14n 1	1s40	17n 2	7n52	15n44	16n11	19n27	14s37	2n23

Julian Day Number = 2886426.5, Delta T = 01h17m29s
Ecliptic obliquity = 23°17'01, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°24'55, Lahiri = 40°31'56

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ASTRODIENST EPHEMERIS for the year 3190
geocentric

OCTOBER 3190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 39 41	8♎14'27	5♒27	25♎38	6♍53	2♋41	10♎ 1	11♏51	2°R31	12°R52	4♍43	16♌42	15♌ 8	22♋38	17♏29	M 1
T 2	0 43 38	9°12'48	19°43	27°11	7° 0	3°11	10°14	11°58	2♉29	12♉51	4°44	16°R43	15° 5	22°44	17°36	T 2
W 3	0 47 35	10°11'10	3♓58	28°43	7° 9	3°40	10°27	12° 4	2°27	12°50	4°46	16°41	15° 2	22°51	17°43	W 3
T 4	0 51 31	11° 9'34	18° 9	0♏14	7°20	4° 9	10°40	12°11	2°25	12°48	4°47	16°38	14°58	22°58	17°51	T 4
F 5	0 55 28	12° 8'00	2♈12	1°44	7°33	4°38	10°53	12°17	2°22	12°47	4°49	16°32	14°55	23° 4	17°58	F 5
S 6	0 59 24	13° 6'28	16° 3	3°12	7°48	5° 6	11° 6	12°24	2°20	12°46	4°51	16°24	14°52	23°11	18° 5	S 6
S 7	1 3 21	14° 4'57	29°37	4°40	8° 5	5°34	11°19	12°31	2°18	12°44	4°52	16°14	14°49	23°18	18°13	S 7
M 8	1 7 17	15° 3'28	12♉52	6° 6	8°25	6° 2	11°32	12°37	2°16	12°43	4°53	16° 4	14°46	23°24	18°20	M 8
T 9	1 11 14	16° 2'01	25°47	7°32	8°46	6°29	11°45	12°44	2°13	12°41	4°55	15°55	14°43	23°31	18°28	T 9
W10	1 15 10	17° 0'37	8♊22	8°56	9° 8	6°56	11°58	12°51	2°11	12°40	4°56	15°47	14°39	23°38	18°36	W10
T 11	1 19 7	17°59'14	20°39	10°19	9°33	7°22	12°10	12°58	2° 9	12°38	4°58	15°41	14°36	23°44	18°43	T 11
F 12	1 23 3	18°57'54	2♋43	11°41	9°59	7°48	12°23	13° 5	2° 6	12°37	4°59	15°37	14°33	23°51	18°51	F 12
S 13	1 27 0	19°56'36	14°36	13° 1	10°27	8°14	12°36	13°12	2° 4	12°35	5° 1	15°36	14°30	23°57	18°59	S 13
S 14	1 30 57	20°55'20	26°25	14°21	10°57	8°39	12°49	13°19	2° 2	12°34	5° 2	15°D36	14°27	24° 4	19° 6	S 14
M15	1 34 53	21°54'06	8♌15	15°39	11°28	9° 4	13° 2	13°26	1°59	12°32	5° 3	15°36	14°24	24°11	19°14	M15
T 16	1 38 50	22°52'54	20°11	16°55	12° 0	9°28	13°15	13°33	1°57	12°31	5° 5	15°R36	14°20	24°17	19°22	T 16
W17	1 42 46	23°51'44	2♍18	18°10	12°34	9°52	13°28	13°40	1°55	12°29	5° 6	15°35	14°17	24°24	19°30	W17
T 18	1 46 43	24°50'37	14°40	19°24	13° 9	10°15	13°41	13°47	1°52	12°28	5° 7	15°31	14°14	24°31	19°38	T 18
F 19	1 50 39	25°49'31	27°22	20°36	13°46	10°38	13°54	13°54	1°50	12°26	5° 9	15°25	14°11	24°37	19°46	F 19
S 20	1 54 36	26°48'28	10♎23	21°46	14°23	11° 1	14° 6	14° 1	1°47	12°24	5°10	15°16	14° 8	24°44	19°54	S 20
S 21	1 58 32	27°47'27	23°45	22°54	15° 2	11°22	14°19	14° 8	1°45	12°23	5°11	15° 6	14° 4	24°51	20° 2	S 21
M22	2 2 29	28°46'28	7♏25	24° 1	15°43	11°44	14°32	14°15	1°42	12°21	5°12	14°54	14° 1	24°57	20°10	M22
T 23	2 6 26	29°45'30	21°20	25° 5	16°24	12° 5	14°45	14°22	1°40	12°20	5°14	14°42	13°58	25° 4	20°18	T 23
W24	2 10 22	0♏44'35	5♐26	26° 7	17° 6	12°25	14°57	14°29	1°38	12°18	5°15	14°32	13°55	25°11	20°26	W24
T 25	2 14 19	1°43'41	19°38	27° 6	17°50	12°45	15°10	14°37	1°35	12°16	5°16	14°24	13°52	25°17	20°34	T 25
F 26	2 18 15	2°42'50	3♑52	28° 3	18°34	13° 4	15°23	14°44	1°33	12°15	5°17	14°19	13°49	25°24	20°42	F 26
S 27	2 22 12	3°41'59	18° 4	28°56	19°19	13°23	15°36	14°51	1°30	12°13	5°18	14°16	13°45	25°31	20°50	S 27
S 28	2 26 8	4°41'11	2♒12	29°47	20° 6	13°41	15°48	14°58	1°28	12°11	5°19	14°D16	13°42	25°37	20°58	S 28
M29	2 30 5	5°40'24	16°16	0♐34	20°53	13°59	16° 1	15° 5	1°25	12°10	5°20	14°R16	13°39	25°44	21° 7	M29
T 30	2 34 1	6°39'39	0♓14	1°17	21°41	14°16	16°13	15°13	1°23	12° 8	5°21	14°15	13°36	25°51	21°15	T 30
W31	2 37 58	7♏38'56	14♓ 7	1♐56	22♍30	14♋32	16♎26	15♏20	1♉21	12♉ 6	5♍22	14♌13	13♌33	25♋57	21♏23	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s15	17s49	1n 0	10s 2	0s12	3n10	6s11	22n43	0s32	3s 0	1n 1	13s11	2n13	11n41	0s37	14n 1	1s40	17n 2	7n52	15n44	16n12	19n27	14s39	2n23
T 2	3 38	15 4	0s16	10 43	0 20	3 18	6 1	22 44	0 31	3 5	1 1	13 13	2 12	11 40	0 37	14 1	1 40	17 2	7 52	15 44	16 12	19 27	14 40	2 23
W 3	4 1	11 25	1 31	11 23	0 28	3 24	5 50	22 45	0 29	3 10	1 1	13 15	2 12	11 39	0 37	14 0	1 40	17 1	7 52	15 44	16 13	19 27	14 42	2 24
T 4	4 23	7 7	2 41	12 2	0 36	3 30	5 39	22 46	0 28	3 15	1 1	13 17	2 12	11 39	0 37	14 0	1 40	17 1	7 52	15 45	16 14	19 26	14 44	2 24
F 5	4 46	2 29	3 39	12 41	0 43	3 36	5 28	22 46	0 26	3 20	1 1	13 20	2 12	11 38	0 37	13 59	1 40	17 0	7 53	15 47	16 15	19 26	14 46	2 24
S 6	5 9	2n13	4 24	13 18	0 51	3 40	5 17	22 47	0 24	3 25	1 1	13 22	2 12	11 37	0 37	13 59	1 40	17 0	7 53	15 49	16 16	19 26	14 48	2 24
S 7	5 31	6 42	4 52	13 55	0 59	3 44	5 6	22 47	0 23	3 30	1 1	13 24	2 12	11 36	0 37	13 58	1 40	17 0	7 53	15 52	16 17	19 25	14 50	2 24
M 8	5 54	10 46	5 4	14 31	1 7	3 47	4 56	22 48	0 21	3 35	1 1	13 26	2 12	11 36	0 37	13 58	1 40	16 59	7 53	15 55	16 18	19 25	14 52	2 24
T 9	6 16	14 13	5 0	15 6	1 14	3 49	4 45	22 48	0 19	3 40	1 1	13 28	2 12	11 35	0 37	13 57	1 40	16 59	7 53	15 58	16 19	19 25	14 54	2 25
W10	6 38	16 55	4 42	15 41	1 22	3 51	4 34	22 49	0 18	3 45	1 1	13 30	2 12	11 34	0 37	13 57	1 40	16 59	7 54	16 0	16 20	19 24	14 56	2 25
T 11	7 1	18 48	4 10	16 14	1 29	3 52	4 23	22 49	0 16	3 50	1 2	13 32	2 11	11 33	0 37	13 57	1 40	16 58	7 54	16 2	16 21	19 24	14 57	2 25
F 12	7 23	19 47	3 28	16 47	1 37	3 52	4 13	22 49	0 14	3 55	1 2	13 34	2 11	11 32	0 37	13 56	1 40	16 58	7 54	16 3	16 22	19 24	14 59	2 25
S 13	7 45	19 53	2 38	17 18	1 44	3 51	4 2	22 50	0 12	4 0	1 2	13 37	2 11	11 32	0 37	13 56	1 40	16 58	7 54	16 3	16 23	19 24	15 1	2 25
S 14	8 7	19 5	1 41	17 49	1 52	3 50	3 52	22 50	0 10	4 5	1 2	13 39	2 11	11 31	0 37	13 55	1 40	16 57	7 55	16 3	16 23	19 23	15 3	2 25
M15	8 29	17 27	0 39	18 19	1 59	3 48	3 41	22 50	0 8	4 10	1 2	13 41	2 11	11 30	0 37	13 55	1 40	16 57	7 55	16 3	16 24	19 23	15 5	2 26
T 16	8 50	15 3	0n24	18 47	2 6	3 45	3 31	22 50	0 7	4 15	1 2	13 43	2 11	11 29	0 37	13 54	1 40	16 57	7 55	16 3	16 25	19 23	15 7	2 26
W17	9 12	11 57	1 28	19 15	2 12	3 42	3 21	22 51	0 5	4 20	1 2	13 45	2 11	11 28	0 37	13 54	1 40	16 57	7 55	16 4	16 26	19 22	15 9	2 26
T 18	9 34	8 17	2 28	19 42	2 19	3 38	3 11	22 51	0 3	4 25	1 2	13 47	2 11	11 28	0 37	13 53	1 40	16 56	7 55	16 5	16 27	19 22	15 11	2 26
F 19	9 55	4 9	3 23	20 7	2 26	3 33	3 1	22 51	0 1	4 30	1 2	13 49	2 11	11 27	0 37	13 53	1 40	16 56	7 56	16 6	16 28	19 22	15 13	2 26
S 20	10 16	0s17	4 8	20 32	2 32	3 28	2 52	22 51	0n 1	4 35	1 2	13 52	2 11	11 26	0 37	13 52	1 40	16 56	7 56	16 9	16 29	19 21	15 15	2 27
S 21	10 37	4 48	4 41	20 55	2 38	3 22	2 42	22 51	0 3	4 39	1 2	13 54	2 11	11 25	0 37	13 52	1 40	16 56	7 56	16 12	16 30	19 21	15 17	2 27
M22	10 58	9 11	4 59	21 17	2 43	3 15	2 33	22 52	0 6	4 44	1 2	13 56	2 11	11 24	0 37	13 51	1 40	16 55	7 56	16 16	16 31	19 21	15 18	2 27
T 23	11 19	13 9	4 59	21 38	2 49	3 8	2 23	22 52	0 8	4 49	1 2	13 58	2 10	11 23	0 37	13 51	1 40	16 55	7 57	16 19	16 32	19 20	15 20	2 27
W24	11 39	16 27	4 42	21 58	2 54	3 0	2 14	22 52	0 10	4 54	1 2	14 0	2 10	11 23	0 37	13 50	1 40	16 55	7 57	16 22	16 33	19 20	15 22	2 27
T 25	12 0	18 47	4 7	22 17	2 58	2 52	2 5	22 52	0 12	4 59	1 2	14 2	2 10	11 22	0 37	13 50	1 40	16 55	7 57	16 24	16 34	19 19	15 24	2 28
F 26	12 20	19 57	3 17	22 34	3 3	2 42	1 56	22 53	0 14	5 4	1 2	14 4	2 10	11 21	0 37	13 49	1 40	16 55	7 57	16 26	16 34	19 19	15 26	2 28
S 27	12 40	19 52	2 14	22 50	3 7	2 33	1 48	22 53	0 16	5 8	1 2	14 7	2 10	11 20	0 37	13 49	1 40	16 54	7 58	16 26	16 35	19 19	15 28	2 28
S 28	13 0	18 31	1 3	23 4	3 10	2 23	1 39	22 54	0 19	5 13	1 2	14 9	2 10	11 19	0 37	13 48	1 40	16 54	7 58	16 27	16 36	19 18	15 30	2 28
M29	13 20	16 2	0s11	23 16	3 13	2 12	1 30	22 54	0 21	5 18	1 2	14 11	2 10	11 19	0 37	13 48	1 40	16 54	7 58	16 27	16 37	19 18	15 32	2 28
T 30	13 39	12 37	1 24	23 28	3 15	2 1	1 22	22 55	0 23	5 23	1 3	14 13	2 10	11 18	0 37	13 47	1 40	16 54	7 58	16 27	16 38	19 18	15 34	2 29
W31	13s58	8s32	2s31	23s37	3s16	1n49	1s14	22n55	0n26	5s27	1n 3	14s15	2n10	11n17	0s37	13n47	1s40	16n54	7n59	16n28	16n39	19n17	15s36	2n29

Julian Day Number = 2886456.5, Delta T = 01h17m30s
Ecliptic obliquity = 23°17'01, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°24'59, Lahiri = 40°32'00

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ASTRODIENST EPHEMERIS for the year 3190
geocentric

NOVEMBER 3190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 41 55	8♏38'14	27♓53	2♐30	23♍19	14♋48	16♎38	15♏27	1°R18	12°R 5	5♍23	14°R 7	13♌30	26♋ 4	21♏31	T 1
F 2	2 45 51	9°37'34	11♈30	2°59	24°10	15° 3	16°51	15°35	1♉16	12♉ 3	5°24	13♌59	13°26	26°11	21°39	F 2
S 3	2 49 48	10°36'55	24°57	3°22	25° 1	15°18	17° 3	15°42	1°13	12° 1	5°25	13°48	13°23	26°17	21°48	S 3
S 4	2 53 44	11°36'19	8♉11	3°40	25°53	15°32	17°16	15°49	1°11	12° 0	5°26	13°36	13°20	26°24	21°56	S 4
M 5	2 57 41	12°35'45	21°11	3°50	26°46	15°45	17°28	15°56	1° 9	11°58	5°27	13°22	13°17	26°30	22° 4	M 5
T 6	3 1 37	13°35'13	3♊55	3°R54	27°39	15°58	17°40	16° 4	1° 6	11°56	5°28	13° 9	13°14	26°37	22°13	T 6
W 7	3 5 34	14°34'42	16°23	3°50	28°33	16°10	17°52	16°11	1° 4	11°55	5°29	12°58	13°10	26°44	22°21	W 7
T 8	3 9 30	15°34'14	28°36	3°37	29°28	16°21	18° 5	16°18	1° 2	11°53	5°30	12°49	13° 7	26°50	22°29	T 8
F 9	3 13 27	16°33'48	10♋36	3°17	0♎23	16°31	18°17	16°26	0°59	11°51	5°30	12°43	13° 4	26°57	22°38	F 9
S 10	3 17 24	17°33'25	22°28	2°47	1°19	16°41	18°29	16°33	0°57	11°50	5°31	12°40	13° 1	27° 4	22°46	S 10
S 11	3 21 20	18°33'03	4♌16	2° 8	2°15	16°50	18°41	16°40	0°55	11°48	5°32	12°39	12°58	27°10	22°54	S 11
M12	3 25 17	19°32'44	16° 4	1°21	3°12	16°58	18°53	16°48	0°53	11°46	5°33	12°39	12°55	27°17	23° 3	M12
T 13	3 29 13	20°32'26	27°59	0°26	4°10	17° 6	19° 5	16°55	0°50	11°45	5°33	12°38	12°51	27°24	23°11	T 13
W14	3 33 10	21°32'11	10♍ 6	29♏22	5° 8	17°13	19°17	17° 2	0°48	11°43	5°34	12°37	12°48	27°30	23°19	W14
T 15	3 37 6	22°31'58	22°30	28°13	6° 6	17°18	19°29	17°10	0°46	11°41	5°35	12°34	12°45	27°37	23°28	T 15
F 16	3 41 3	23°31'47	5♎16	26°59	7° 6	17°24	19°41	17°17	0°44	11°40	5°35	12°28	12°42	27°44	23°36	F 16
S 17	3 44 59	24°31'39	18°26	25°43	8° 5	17°28	19°52	17°24	0°41	11°38	5°36	12°20	12°39	27°50	23°44	S 17
S 18	3 48 56	25°31'32	2♏ 1	24°26	9° 5	17°31	20° 4	17°31	0°39	11°36	5°36	12° 9	12°35	27°57	23°53	S 18
M19	3 52 53	26°31'28	16° 1	23°11	10° 5	17°34	20°16	17°39	0°37	11°35	5°37	11°57	12°32	28° 4	24° 1	M19
T 20	3 56 49	27°31'25	0♐19	22° 0	11° 6	17°36	20°27	17°46	0°35	11°33	5°37	11°46	12°29	28°10	24° 9	T 20
W21	4 0 46	28°31'24	14°52	20°56	12° 7	17°37	20°39	17°53	0°33	11°32	5°38	11°35	12°26	28°17	24°18	W21
T 22	4 4 42	29°31'25	29°30	20° 0	13° 9	17°R37	20°50	18° 0	0°31	11°30	5°38	11°27	12°23	28°24	24°26	T 22
F 23	4 8 39	0♐31'28	14♑ 8	19°14	14°11	17°36	21° 1	18° 8	0°29	11°28	5°39	11°22	12°20	28°30	24°34	F 23
S 24	4 12 35	1°31'32	28°39	18°40	15°13	17°34	21°13	18°15	0°27	11°27	5°39	11°19	12°16	28°37	24°43	S 24
S 25	4 16 32	2°31'38	13♒ 0	18°16	16°16	17°32	21°24	18°22	0°25	11°25	5°39	11°D19	12°13	28°43	24°51	S 25
M26	4 20 28	3°31'45	27° 7	18° 4	17°19	17°28	21°35	18°29	0°23	11°24	5°40	11°R19	12°10	28°50	24°59	M26
T 27	4 24 25	4°31'53	11♓ 1	18°D 4	18°22	17°24	21°46	18°36	0°21	11°22	5°40	11°19	12° 7	28°57	25° 8	T 27
W28	4 28 22	5°32'03	24°41	18°15	19°26	17°19	21°57	18°43	0°19	11°21	5°40	11°17	12° 4	29° 3	25°16	W28
T 29	4 32 18	6°32'15	8♈ 9	18°36	20°30	17°12	22° 8	18°51	0°18	11°19	5°40	11°13	12° 1	29°10	25°24	T 29
F 30	4 36 15	7♐32'27	21♈24	19♏ 6	21♎35	17♋ 5	22♎19	18♏58	0♉16	11♉18	5♍41	11♌ 7	11♌57	29♋17	25♏32	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s17	4s 2	3s29	23s44	3s17	1n37	1s 6	22n56	0n28	5s32	1n 3	14s17	2n10	11n16	0s37	13n46	1s40	16n54	7n59	16n29	16n40	19n17	15s37	2n29
F 2	14 36	0n37	4 14	23 50	3 17	1 25	0 58	22 57	0 30	5 37	1 3	14 19	2 10	11 15	0 37	13 46	1 40	16 54	7 59	16 31	16 41	19 16	15 39	2 29
S 3	14 55	5 11	4 44	23 53	3 16	1 11	0 51	22 57	0 33	5 41	1 3	14 21	2 10	11 14	0 37	13 45	1 40	16 53	8 0	16 34	16 42	19 16	15 41	2 30
S 4	15 13	9 25	4 59	23 55	3 13	0 58	0 43	22 58	0 35	5 46	1 3	14 24	2 10	11 14	0 37	13 45	1 40	16 53	8 0	16 38	16 43	19 16	15 43	2 30
M 5	15 31	13 9	4 57	23 54	3 10	0 44	0 36	22 59	0 38	5 50	1 3	14 26	2 10	11 13	0 37	13 44	1 40	16 53	8 0	16 42	16 43	19 15	15 45	2 30
T 6	15 49	16 11	4 41	23 50	3 6	0 29	0 28	23 0	0 40	5 55	1 3	14 28	2 10	11 12	0 37	13 44	1 40	16 53	8 0	16 46	16 44	19 15	15 47	2 30
W 7	16 6	18 25	4 11	23 43	3 0	0 15	0 21	23 1	0 43	6 0	1 3	14 30	2 10	11 11	0 37	13 43	1 40	16 53	8 1	16 49	16 45	19 14	15 49	2 31
T 8	16 24	19 46	3 31	23 34	2 53	0s 1	0 15	23 3	0 46	6 4	1 3	14 32	2 10	11 10	0 37	13 43	1 40	16 53	8 1	16 51	16 46	19 14	15 50	2 31
F 9	16 41	20 11	2 41	23 21	2 44	0 16	0 8	23 4	0 48	6 9	1 3	14 34	2 10	11 10	0 37	13 42	1 40	16 53	8 1	16 53	16 47	19 14	15 52	2 31
S 10	16 58	19 42	1 45	23 5	2 33	0 32	0 1	23 6	0 51	6 13	1 3	14 36	2 10	11 9	0 37	13 42	1 40	16 53	8 2	16 54	16 48	19 13	15 54	2 31
S 11	17 14	18 21	0 44	22 46	2 21	0 49	0n 5	23 7	0 54	6 18	1 4	14 38	2 10	11 8	0 37	13 41	1 40	16 53	8 2	16 54	16 49	19 13	15 56	2 32
M12	17 30	16 12	0n18	22 23	2 8	1 5	0 12	23 9	0 56	6 22	1 4	14 40	2 10	11 7	0 37	13 41	1 40	16 53	8 2	16 54	16 50	19 12	15 58	2 32
T 13	17 46	13 21	1 21	21 56	1 52	1 22	0 18	23 11	0 59	6 26	1 4	14 42	2 10	11 7	0 37	13 40	1 40	16 53	8 2	16 54	16 51	19 12	15 59	2 32
W14	18 2	9 54	2 20	21 26	1 35	1 40	0 24	23 13	1 2	6 31	1 4	14 44	2 10	11 6	0 37	13 40	1 40	16 53	8 3	16 55	16 52	19 11	16 1	2 32
T 15	18 17	5 56	3 15	20 53	1 17	1 57	0 30	23 15	1 5	6 35	1 4	14 46	2 10	11 5	0 37	13 39	1 40	16 53	8 3	16 56	16 52	19 11	16 3	2 33
F 16	18 32	1 37	4 1	20 17	0 57	2 15	0 35	23 17	1 8	6 40	1 4	14 48	2 10	11 4	0 37	13 39	1 40	16 53	8 3	16 57	16 53	19 10	16 5	2 33
S 17	18 47	2s55	4 36	19 39	0 37	2 34	0 41	23 19	1 11	6 44	1 4	14 50	2 10	11 4	0 37	13 38	1 40	16 53	8 4	16 59	16 54	19 10	16 7	2 33
S 18	19 1	7 27	4 57	19 1	0 16	2 52	0 46	23 22	1 14	6 48	1 4	14 52	2 10	11 3	0 37	13 38	1 40	16 53	8 4	17 2	16 55	19 10	16 8	2 34
M19	19 15	11 43	5 1	18 23	0n 4	3 11	0 51	23 24	1 17	6 52	1 4	14 54	2 10	11 2	0 37	13 37	1 40	16 53	8 4	17 6	16 56	19 9	16 10	2 34
T 20	19 29	15 25	4 46	17 45	0 24	3 30	0 56	23 27	1 20	6 57	1 4	14 56	2 10	11 1	0 37	13 37	1 40	16 53	8 4	17 9	16 57	19 9	16 12	2 34
W21	19 42	18 15	4 13	17 10	0 44	3 49	1 1	23 30	1 23	7 1	1 5	14 58	2 10	11 1	0 37	13 36	1 40	16 54	8 5	17 12	16 58	19 8	16 13	2 34
T 22	19 55	19 54	3 23	16 39	1 1	4 9	1 6	23 33	1 26	7 5	1 5	15 0	2 10	11 0	0 37	13 36	1 40	16 54	8 5	17 14	16 59	19 8	16 15	2 35
F 23	20 8	20 14	2 19	16 11	1 18	4 28	1 11	23 36	1 29	7 9	1 5	15 2	2 10	10 59	0 37	13 35	1 40	16 54	8 5	17 15	17 0	19 7	16 17	2 35
S 24	20 20	19 12	1 7	15 47	1 32	4 48	1 15	23 39	1 32	7 13	1 5	15 4	2 10	10 59	0 37	13 35	1 40	16 54	8 6	17 16	17 0	19 7	16 19	2 35
S 25	20 32	16 57	0s 9	15 29	1 44	5 8	1 20	23 43	1 35	7 17	1 5	15 6	2 10	10 58	0 37	13 34	1 40	16 54	8 6	17 16	17 1	19 6	16 20	2 36
M26	20 43	13 42	1 23	15 16	1 55	5 28	1 24	23 46	1 38	7 21	1 5	15 8	2 10	10 57	0 37	13 34	1 40	16 54	8 6	17 16	17 2	19 6	16 22	2 36
T 27	20 54	9 43	2 31	15 7	2 4	5 48	1 28	23 50	1 41	7 25	1 5	15 10	2 10	10 57	0 37	13 33	1 40	16 54	8 7	17 16	17 3	19 5	16 23	2 36
W28	21 5	5 18	3 30	15 4	2 10	6 9	1 32	23 54	1 45	7 29	1 5	15 12	2 10	10 56	0 37	13 33	1 40	16 55	8 7	17 17	17 4	19 5	16 25	2 37
T 29	21 16	0 42	4 15	15 4	2 16	6 29	1 35	23 58	1 48	7 33	1 6	15 13	2 10	10 56	0 37	13 33	1 40	16 55	8 7	17 18	17 5	19 4	16 27	2 37
F 30	21s26	3n52	4s46	15s 9	2n19	6s50	1n39	24n 2	1n51	7s37	1n 6	15s15	2n10	10n55	0s37	13n32	1s40	16n55	8n 7	17n20	17n 6	19n 4	16s28	2n37

Julian Day Number = 2886487.5, Delta T = 01h17m31s
Ecliptic obliquity = 23°17'01, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°25'04, Lahiri = 40°32'04

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ASTRODIENST EPHEMERIS for the year 3190
geocentric

DECEMBER 3190 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 40 11	8♐32'42	4♉28	19♏45	22♎39	16°R58	22♎30	19♏ 5	0°R14	11°R16	5♍41	10°R58	11♌54	29♋23	25♏41	S 1
S 2	4 44 8	9°32'57	17°20	20°32	23°44	16♋49	22°41	19°12	0♉12	11♉15	5°41	10♌47	11°51	29°30	25°49	S 2
M 3	4 48 4	10°33'15	0♊ 0	21°25	24°49	16°39	22°51	19°19	0°11	11°14	5°41	10°35	11°48	29°37	25°57	M 3
T 4	4 52 1	11°33'34	12°28	22°25	25°55	16°29	23° 2	19°26	0° 9	11°12	5°41	10°24	11°45	29°43	26° 5	T 4
W 5	4 55 57	12°33'54	24°44	23°29	27° 1	16°18	23°12	19°33	0° 7	11°11	5°41	10°15	11°41	29°50	26°13	W 5
T 6	4 59 54	13°34'17	6♋49	24°39	28° 7	16° 5	23°23	19°40	0° 6	11° 9	5°41	10° 7	11°38	29°57	26°21	T 6
F 7	5 3 51	14°34'40	18°45	25°52	29°13	15°52	23°33	19°46	0° 4	11° 8	5°R41	10° 2	11°35	0♌ 3	26°30	F 7
S 8	5 7 47	15°35'06	0♌35	27° 8	0♏20	15°39	23°43	19°53	0° 3	11° 7	5°41	9°59	11°32	0°10	26°38	S 8
S 9	5 11 44	16°35'33	12°21	28°27	1°26	15°24	23°53	20° 0	0° 1	11° 5	5°41	9°D59	11°29	0°17	26°46	S 9
M10	5 15 40	17°36'02	24° 8	29°49	2°33	15° 9	24° 3	20° 7	29♈59	11° 4	5°41	10° 0	11°26	0°23	26°54	M10
T 11	5 19 37	18°36'33	6♍ 2	1♐13	3°41	14°53	24°13	20°14	29°59	11° 3	5°41	10° 1	11°22	0°30	27° 2	T 11
W12	5 23 33	19°37'05	18° 6	2°38	4°48	14°36	24°23	20°20	29°57	11° 2	5°41	10°R 2	11°19	0°36	27°10	W12
T 13	5 27 30	20°37'39	0♎28	4° 5	5°56	14°18	24°32	20°27	29°56	11° 0	5°41	10° 1	11°16	0°43	27°18	T 13
F 14	5 31 26	21°38'15	13°10	5°33	7° 4	14° 0	24°42	20°34	29°55	10°59	5°41	9°59	11°13	0°50	27°25	F 14
S 15	5 35 23	22°38'52	26°19	7° 2	8°12	13°41	24°52	20°40	29°53	10°58	5°41	9°54	11°10	0°56	27°33	S 15
S 16	5 39 20	23°39'31	9♏55	8°32	9°20	13°22	25° 1	20°47	29°52	10°57	5°40	9°48	11° 7	1° 3	27°41	S 16
M17	5 43 16	24°40'11	23°59	10° 2	10°29	13° 2	25°10	20°53	29°51	10°56	5°40	9°41	11° 3	1°10	27°49	M17
T 18	5 47 13	25°40'53	8♐28	11°33	11°37	12°41	25°19	21° 0	29°50	10°55	5°40	9°33	11° 0	1°16	27°57	T 18
W19	5 51 9	26°41'37	23°17	13° 5	12°46	12°20	25°28	21° 6	29°49	10°54	5°39	9°27	10°57	1°23	28° 4	W19
T 20	5 55 6	27°42'21	8♑17	14°37	13°55	11°59	25°37	21°13	29°48	10°53	5°39	9°22	10°54	1°30	28°12	T 20
F 21	5 59 2	28°43'07	23°19	16° 9	15° 4	11°37	25°46	21°19	29°47	10°52	5°39	9°19	10°51	1°36	28°20	F 21
S 22	6 2 59	29°43'54	8♒14	17°41	16°14	11°15	25°55	21°25	29°46	10°51	5°38	9°D18	10°47	1°43	28°27	S 22
S 23	6 6 56	0♑44'42	22°56	19°14	17°23	10°52	26° 4	21°31	29°46	10°50	5°38	9°18	10°44	1°50	28°35	S 23
M24	6 10 52	1°45'30	7♓19	20°46	18°33	10°29	26°12	21°38	29°45	10°49	5°37	9°20	10°41	1°56	28°42	M24
T 25	6 14 49	2°46'19	21°21	22°19	19°43	10° 6	26°20	21°44	29°44	10°48	5°37	9°21	10°38	2° 3	28°50	T 25
W26	6 18 45	3°47'09	5♈ 3	23°52	20°53	9°43	26°29	21°50	29°43	10°47	5°36	9°R21	10°35	2°10	28°57	W26
T 27	6 22 42	4°48'00	18°25	25°25	22° 3	9°20	26°37	21°56	29°43	10°46	5°36	9°21	10°32	2°16	29° 4	T 27
F 28	6 26 38	5°48'51	1♉28	26°58	23°13	8°57	26°45	22° 2	29°42	10°45	5°35	9°18	10°28	2°23	29°12	F 28
S 29	6 30 35	6°49'43	14°16	28°32	24°23	8°34	26°53	22° 8	29°42	10°45	5°35	9°14	10°25	2°29	29°19	S 29
S 30	6 34 31	7°50'36	26°50	0♑ 5	25°34	8°10	27° 0	22°14	29°41	10°44	5°34	9° 9	10°22	2°36	29°26	S 30
M31	6 38 28	8♑51'30	9♊13	1♑38	26♏44	7♋47	27♎ 8	22♏19	29♈41	10♉43	5♍33	9♌ 3	10♌19	2♌43	29♏33	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s35	8n11	5s 2	15s18	2n21	7s10	1n42	24n 6	1n54	7s41	1n 6	15s17	2n10	10n54	0s37	13n32	1s40	16n55	8n 8	17n22	17n 7	19n 3	16s30	2n38
S 2	21 44	12 4	5 2	15 29	2 22	7 31	1 46	24 11	1 57	7 45	1 6	15 19	2 10	10 54	0 37	13 31	1 40	16 55	8 8	17 25	17 7	19 3	16 31	2 38
M 3	21 53	15 21	4 47	15 43	2 21	7 52	1 49	24 15	2 1	7 48	1 6	15 21	2 10	10 53	0 37	13 31	1 40	16 56	8 8	17 28	17 8	19 2	16 33	2 38
T 4	22 1	17 52	4 18	16 0	2 20	8 12	1 52	24 19	2 4	7 52	1 6	15 23	2 10	10 53	0 37	13 31	1 40	16 56	8 9	17 31	17 9	19 2	16 35	2 39
W 5	22 9	19 33	3 38	16 18	2 17	8 33	1 55	24 24	2 7	7 56	1 6	15 24	2 11	10 52	0 37	13 30	1 40	16 56	8 9	17 34	17 10	19 1	16 36	2 39
T 6	22 17	20 18	2 48	16 38	2 14	8 54	1 58	24 29	2 10	7 59	1 7	15 26	2 11	10 52	0 37	13 30	1 40	16 56	8 9	17 36	17 11	19 0	16 38	2 40
F 7	22 24	20 8	1 52	16 59	2 10	9 15	2 0	24 33	2 14	8 3	1 7	15 28	2 11	10 51	0 37	13 29	1 40	16 57	8 10	17 37	17 12	19 0	16 39	2 40
S 8	22 31	19 4	0 50	17 21	2 5	9 36	2 3	24 38	2 17	8 7	1 7	15 30	2 11	10 51	0 37	13 29	1 40	16 57	8 10	17 38	17 13	18 59	16 40	2 40
S 9	22 37	17 11	0n13	17 44	2 0	9 57	2 5	24 43	2 20	8 10	1 7	15 31	2 11	10 50	0 37	13 29	1 40	16 57	8 10	17 38	17 14	18 59	16 42	2 41
M10	22 43	14 35	1 16	18 7	1 55	10 17	2 7	24 48	2 23	8 14	1 7	15 33	2 11	10 50	0 37	13 28	1 40	16 58	8 10	17 38	17 14	18 58	16 43	2 41
T 11	22 48	11 21	2 16	18 30	1 49	10 38	2 9	24 53	2 26	8 17	1 7	15 35	2 11	10 49	0 36	13 28	1 40	16 58	8 11	17 37	17 15	18 58	16 45	2 41
W12	22 53	7 36	3 11	18 53	1 43	10 59	2 11	24 58	2 29	8 21	1 8	15 37	2 11	10 49	0 36	13 28	1 40	16 58	8 11	17 37	17 16	18 57	16 46	2 42
T 13	22 57	3 28	3 59	19 15	1 36	11 19	2 13	25 3	2 32	8 24	1 8	15 38	2 11	10 48	0 36	13 27	1 40	16 59	8 11	17 37	17 17	18 57	16 48	2 42
F 14	23 1	0s55	4 36	19 38	1 29	11 40	2 15	25 8	2 35	8 27	1 8	15 40	2 11	10 48	0 36	13 27	1 40	16 59	8 12	17 38	17 18	18 56	16 49	2 43
S 15	23 5	5 25	5 0	19 59	1 22	12 0	2 16	25 13	2 38	8 31	1 8	15 41	2 11	10 48	0 36	13 27	1 40	16 59	8 12	17 39	17 19	18 55	16 50	2 43
S 16	23 8	9 48	5 9	20 21	1 15	12 20	2 17	25 18	2 41	8 34	1 8	15 43	2 11	10 47	0 36	13 26	1 39	17 0	8 12	17 41	17 20	18 55	16 52	2 43
M17	23 11	13 48	4 59	20 41	1 8	12 40	2 19	25 23	2 44	8 37	1 8	15 45	2 12	10 47	0 36	13 26	1 39	17 0	8 13	17 43	17 20	18 54	16 53	2 44
T 18	23 13	17 7	4 31	21 1	1 1	13 0	2 20	25 27	2 47	8 40	1 9	15 46	2 12	10 47	0 36	13 26	1 39	17 0	8 13	17 45	17 21	18 54	16 54	2 44
W19	23 15	19 23	3 44	21 20	0 53	13 20	2 21	25 32	2 50	8 43	1 9	15 48	2 12	10 46	0 36	13 25	1 39	17 1	8 13	17 46	17 22	18 53	16 56	2 45
T 20	23 16	20 21	2 40	21 38	0 46	13 39	2 22	25 37	2 53	8 46	1 9	15 49	2 12	10 46	0 36	13 25	1 39	17 1	8 13	17 48	17 23	18 52	16 57	2 45
F 21	23 17	19 52	1 26	21 56	0 39	13 59	2 23	25 41	2 55	8 49	1 9	15 51	2 12	10 46	0 36	13 25	1 39	17 2	8 14	17 48	17 24	18 52	16 58	2 45
S 22	23 17	18 0	0 6	22 12	0 31	14 18	2 23	25 46	2 58	8 52	1 9	15 52	2 12	10 45	0 36	13 25	1 39	17 2	8 14	17 49	17 25	18 51	16 59	2 46
S 23	23 17	14 57	1s14	22 27	0 24	14 37	2 24	25 50	3 0	8 55	1 9	15 54	2 12	10 45	0 36	13 24	1 39	17 2	8 14	17 49	17 26	18 51	17 0	2 46
M24	23 16	11 3	2 27	22 41	0 17	14 55	2 24	25 54	3 3	8 58	1 10	15 55	2 12	10 45	0 36	13 24	1 39	17 3	8 15	17 48	17 27	18 50	17 2	2 47
T 25	23 15	6 37	3 29	22 54	0 9	15 14	2 24	25 59	3 5	9 1	1 10	15 57	2 12	10 45	0 36	13 24	1 39	17 3	8 15	17 48	17 27	18 49	17 3	2 47
W26	23 14	1 58	4 18	23 6	0 2	15 32	2 25	26 3	3 7	9 4	1 10	15 58	2 13	10 44	0 36	13 24	1 39	17 4	8 15	17 48	17 28	18 49	17 4	2 48
T 27	23 12	2n40	4 52	23 17	0s 5	15 50	2 25	26 6	3 9	9 6	1 10	16 0	2 13	10 44	0 36	13 23	1 39	17 4	8 15	17 48	17 29	18 48	17 5	2 48
F 28	23 9	7 4	5 10	23 27	0 12	16 7	2 25	26 10	3 11	9 9	1 10	16 1	2 13	10 44	0 36	13 23	1 39	17 5	8 16	17 49	17 30	18 48	17 6	2 49
S 29	23 7	11 3	5 11	23 35	0 19	16 24	2 24	26 14	3 13	9 12	1 11	16 2	2 13	10 44	0 36	13 23	1 39	17 5	8 16	17 50	17 31	18 47	17 7	2 49
S 30	23 3	14 29	4 58	23 42	0 25	16 41	2 24	26 17	3 15	9 14	1 11	16 4	2 13	10 44	0 36	13 23	1 39	17 6	8 16	17 51	17 32	18 46	17 8	2 49
M31	22s59	17n14	4s31	23s48	0s32	16s58	2n24	26n20	3n17	9s17	1n11	16s 5	2n13	10n44	0s36	13n23	1s39	17n 6	8n17	17n53	17n33	18n46	17s 9	2n50

Julian Day Number = 2886517.5, Delta T = 01h17m31s
Ecliptic obliquity = 23°17'00, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°25'08, Lahiri = 40°32'08

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ASTRODIENST EPHEMERIS for the year 3191
geocentric

JANUARY 3191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 42 25	9♑52'24	21♊25	3♑12	27♏55	7°R25	27♎15	22♏25	29°R40	10°R42	5°R33	8°R58	10♌16	2♌49	29♏40	T 1
W 2	6 46 21	10°53'19	3♋28	4°45	29° 6	7♋ 2	27°23	22°31	29♈40	10♉42	5♍32	8♌53	10°13	2°56	29°48	W 2
T 3	6 50 18	11°54'15	15°25	6°19	0♐17	6°40	27°30	22°36	29°40	10°41	5°31	8°50	10° 9	3° 3	29°55	T 3
F 4	6 54 14	12°55'12	27°16	7°53	1°28	6°17	27°37	22°42	29°39	10°41	5°31	8°48	10° 6	3° 9	0♐ 1	F 4
S 5	6 58 11	13°56'09	9♌ 3	9°26	2°39	5°56	27°44	22°47	29°39	10°40	5°30	8°D47	10° 3	3°16	0° 8	S 5
S 6	7 2 7	14°57'07	20°50	11° 0	3°50	5°34	27°51	22°53	29°39	10°39	5°29	8°48	10° 0	3°23	0°15	S 6
M 7	7 6 4	15°58'06	2♍39	12°34	5° 2	5°13	27°57	22°58	29°39	10°39	5°28	8°49	9°57	3°29	0°22	M 7
T 8	7 10 0	16°59'06	14°34	14° 9	6°13	4°53	28° 4	23° 4	29°D39	10°39	5°27	8°51	9°53	3°36	0°29	T 8
W 9	7 13 57	18° 0'06	26°39	15°43	7°25	4°33	28°10	23° 9	29°39	10°38	5°26	8°53	9°50	3°43	0°35	W 9
T 10	7 17 54	19° 1'07	8♎58	17°18	8°36	4°14	28°16	23°14	29°39	10°38	5°26	8°54	9°47	3°49	0°42	T 10
F 11	7 21 50	20° 2'09	21°36	18°53	9°48	3°55	28°22	23°19	29°39	10°37	5°25	8°R54	9°44	3°56	0°48	F 11
S 12	7 25 47	21° 3'12	4♏37	20°28	11° 0	3°36	28°28	23°24	29°39	10°37	5°24	8°53	9°41	4° 2	0°55	S 12
S 13	7 29 43	22° 4'16	18° 5	22° 3	12°12	3°19	28°34	23°29	29°40	10°37	5°23	8°52	9°38	4° 9	1° 1	S 13
M14	7 33 40	23° 5'20	2♐ 0	23°39	13°24	3° 2	28°40	23°34	29°40	10°36	5°22	8°50	9°34	4°16	1° 7	M14
T 15	7 37 36	24° 6'25	16°23	25°14	14°36	2°46	28°45	23°39	29°40	10°36	5°21	8°48	9°31	4°22	1°13	T 15
W16	7 41 33	25° 7'31	1♑10	26°50	15°48	2°30	28°50	23°43	29°41	10°36	5°20	8°46	9°28	4°29	1°20	W16
T 17	7 45 29	26° 8'37	16°14	28°27	17° 1	2°15	28°55	23°48	29°41	10°36	5°19	8°45	9°25	4°36	1°26	T 17
F 18	7 49 26	27° 9'43	1♒28	0♒ 3	18°13	2° 1	29° 0	23°52	29°41	10°36	5°18	8°D44	9°22	4°42	1°32	F 18
S 19	7 53 23	28°10'50	16°39	1°40	19°25	1°48	29° 5	23°57	29°42	10°36	5°17	8°44	9°19	4°49	1°38	S 19
S 20	7 57 19	29°11'56	1♓41	3°18	20°38	1°35	29°10	24° 1	29°43	10°36	5°16	8°45	9°15	4°56	1°43	S 20
M21	8 1 16	0♒13'03	16°24	4°55	21°50	1°24	29°14	24° 6	29°43	10°D36	5°14	8°46	9°12	5° 2	1°49	M21
T 22	8 5 12	1°14'09	0♈43	6°33	23° 3	1°13	29°18	24°10	29°44	10°36	5°13	8°46	9° 9	5° 9	1°55	T 22
W23	8 9 9	2°15'15	14°37	8°11	24°16	1° 3	29°22	24°14	29°45	10°36	5°12	8°47	9° 6	5°16	2° 0	W23
T 24	8 13 5	3°16'21	28° 4	9°50	25°28	0°54	29°26	24°18	29°45	10°36	5°11	8°R47	9° 3	5°22	2° 6	T 24
F 25	8 17 2	4°17'27	11♉ 8	11°28	26°41	0°45	29°30	24°22	29°46	10°36	5°10	8°47	8°59	5°29	2°11	F 25
S 26	8 20 58	5°18'32	23°51	13° 7	27°54	0°38	29°34	24°26	29°47	10°36	5° 9	8°47	8°56	5°36	2°17	S 26
S 27	8 24 55	6°19'37	6♊16	14°46	29° 7	0°31	29°37	24°30	29°48	10°36	5° 7	8°47	8°53	5°42	2°22	S 27
M28	8 28 52	7°20'42	18°27	16°26	0♑20	0°25	29°40	24°33	29°49	10°36	5° 6	8°47	8°50	5°49	2°27	M28
T 29	8 32 48	8°21'46	0♋28	18° 5	1°33	0°20	29°43	24°37	29°50	10°37	5° 5	8°D46	8°47	5°55	2°32	T 29
W30	8 36 45	9°22'50	12°22	19°45	2°46	0°16	29°46	24°41	29°51	10°37	5° 4	8°46	8°44	6° 2	2°37	W30
T 31	8 40 41	10♒23'54	24♋11	21♒24	3♑59	0♋12	29♎49	24♏44	29♈52	10♉37	5♍ 2	8♌47	8♌40	6♌ 9	2♐42	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s55	19n10	3s51	23s53	0s39	17s14	2n23	26n23	3n19	9s19	1n11	16s 6	2n13	10n43	0s36	13n22	1s39	17n 7	8n17	17n54	17n33	18n45	17s10	2n50
W 2	22 50	20 12	3 2	23 57	0 45	17 30	2 23	26 26	3 20	9 22	1 11	16 8	2 14	10 43	0 36	13 22	1 39	17 7	8 17	17 55	17 34	18 44	17 11	2 51
T 3	22 45	20 20	2 5	23 59	0 51	17 46	2 22	26 29	3 22	9 24	1 12	16 9	2 14	10 43	0 36	13 22	1 39	17 8	8 17	17 56	17 35	18 44	17 12	2 51
F 4	22 40	19 32	1 3	24 0	0 57	18 1	2 21	26 31	3 23	9 26	1 12	16 10	2 14	10 43	0 36	13 22	1 39	17 8	8 18	17 57	17 36	18 43	17 13	2 52
S 5	22 34	17 54	0n 1	24 0	1 3	18 15	2 20	26 33	3 24	9 29	1 12	16 11	2 14	10 43	0 36	13 22	1 39	17 9	8 18	17 57	17 37	18 42	17 14	2 52
S 6	22 27	15 30	1 6	23 58	1 9	18 30	2 19	26 35	3 26	9 31	1 12	16 12	2 14	10 43	0 36	13 22	1 39	17 9	8 18	17 57	17 38	18 42	17 15	2 53
M 7	22 20	12 27	2 8	23 55	1 14	18 44	2 18	26 37	3 27	9 33	1 12	16 14	2 14	10 43	0 36	13 22	1 38	17 10	8 18	17 56	17 38	18 41	17 16	2 53
T 8	22 13	8 53	3 5	23 51	1 19	18 57	2 17	26 39	3 28	9 35	1 13	16 15	2 14	10 43	0 36	13 22	1 38	17 10	8 19	17 56	17 39	18 40	17 17	2 54
W 9	22 5	4 55	3 55	23 46	1 25	19 10	2 16	26 41	3 29	9 37	1 13	16 16	2 15	10 43	0 35	13 21	1 38	17 11	8 19	17 55	17 40	18 40	17 18	2 54
T 10	21 57	0 41	4 35	23 39	1 29	19 23	2 15	26 42	3 29	9 39	1 13	16 17	2 15	10 43	0 35	13 21	1 38	17 11	8 19	17 55	17 41	18 39	17 19	2 55
F 11	21 48	3s41	5 2	23 31	1 34	19 35	2 13	26 43	3 30	9 41	1 13	16 18	2 15	10 43	0 35	13 21	1 38	17 12	8 19	17 55	17 42	18 38	17 19	2 55
S 12	21 39	8 1	5 16	23 22	1 38	19 46	2 12	26 45	3 31	9 43	1 14	16 19	2 15	10 44	0 35	13 21	1 38	17 13	8 20	17 55	17 43	18 38	17 20	2 56
S 13	21 29	12 5	5 13	23 11	1 43	19 58	2 10	26 46	3 31	9 45	1 14	16 20	2 15	10 44	0 35	13 21	1 38	17 13	8 20	17 55	17 44	18 37	17 21	2 56
M14	21 19	15 40	4 51	22 59	1 47	20 8	2 8	26 46	3 31	9 46	1 14	16 21	2 15	10 44	0 35	13 21	1 38	17 14	8 20	17 56	17 44	18 36	17 22	2 57
T 15	21 9	18 25	4 11	22 45	1 50	20 18	2 7	26 47	3 32	9 48	1 14	16 22	2 16	10 44	0 35	13 21	1 38	17 14	8 20	17 56	17 45	18 36	17 22	2 57
W16	20 58	20 3	3 14	22 31	1 53	20 28	2 5	26 48	3 32	9 50	1 14	16 23	2 16	10 44	0 35	13 21	1 38	17 15	8 21	17 57	17 46	18 35	17 23	2 58
T 17	20 47	20 17	2 2	22 14	1 57	20 37	2 3	26 48	3 32	9 51	1 15	16 24	2 16	10 44	0 35	13 21	1 38	17 16	8 21	17 57	17 47	18 34	17 24	2 59
F 18	20 35	19 3	0 40	21 57	1 59	20 45	2 1	26 48	3 32	9 53	1 15	16 25	2 16	10 45	0 35	13 21	1 38	17 16	8 21	17 57	17 48	18 33	17 24	2 59
S 19	20 23	16 26	0s44	21 38	2 2	20 53	1 59	26 49	3 32	9 54	1 15	16 26	2 16	10 45	0 35	13 21	1 38	17 17	8 21	17 57	17 49	18 33	17 25	3 0
S 20	20 11	12 45	2 4	21 18	2 4	21 1	1 57	26 49	3 32	9 56	1 15	16 27	2 17	10 45	0 35	13 21	1 38	17 17	8 21	17 57	17 49	18 32	17 26	3 0
M21	19 58	8 19	3 15	20 57	2 6	21 8	1 55	26 49	3 32	9 57	1 16	16 28	2 17	10 45	0 35	13 21	1 38	17 18	8 22	17 57	17 50	18 31	17 26	3 1
T 22	19 45	3 33	4 11	20 34	2 7	21 14	1 52	26 49	3 32	9 58	1 16	16 29	2 17	10 46	0 35	13 21	1 38	17 19	8 22	17 57	17 51	18 30	17 27	3 1
W23	19 32	1n15	4 50	20 10	2 8	21 20	1 50	26 48	3 32	10 0	1 16	16 29	2 17	10 46	0 35	13 21	1 38	17 19	8 22	17 57	17 52	18 30	17 27	3 2
T 24	19 18	5 51	5 13	19 44	2 9	21 25	1 48	26 48	3 31	10 1	1 16	16 30	2 17	10 46	0 35	13 22	1 38	17 20	8 22	17 57	17 53	18 29	17 28	3 2
F 25	19 4	10 2	5 18	19 18	2 9	21 29	1 45	26 48	3 31	10 2	1 17	16 31	2 18	10 46	0 35	13 22	1 38	17 20	8 23	17 57	17 54	18 28	17 28	3 3
S 26	18 49	13 39	5 7	18 50	2 9	21 33	1 43	26 47	3 30	10 3	1 17	16 32	2 18	10 47	0 35	13 22	1 37	17 21	8 23	17 57	17 54	18 27	17 29	3 4
S 27	18 34	16 34	4 42	18 20	2 8	21 37	1 40	26 47	3 30	10 4	1 17	16 32	2 18	10 47	0 35	13 22	1 37	17 22	8 23	17 57	17 55	18 27	17 29	3 4
M28	18 19	18 43	4 5	17 50	2 7	21 39	1 38	26 46	3 29	10 5	1 17	16 33	2 18	10 48	0 35	13 22	1 37	17 22	8 23	17 57	17 56	18 26	17 30	3 5
T 29	18 3	19 59	3 18	17 18	2 5	21 41	1 35	26 46	3 29	10 5	1 18	16 34	2 18	10 48	0 35	13 22	1 37	17 23	8 23	17 57	17 57	18 25	17 30	3 5
W30	17 47	20 22	2 22	16 45	2 3	21 43	1 32	26 45	3 28	10 6	1 18	16 34	2 19	10 48	0 35	13 22	1 37	17 24	8 23	17 57	17 58	18 24	17 30	3 6
T 31	17s31	19n49	1s20	16s10	2s 0	21s44	1n30	26n44	3n27	10s 7	1n18	16s35	2n19	10n49	0s35	13n22	1s37	17n24	8n24	17n57	17n59	18n24	17s31	3n 7

Julian Day Number = 2886548.5, Delta T = 01h17m32s
Ecliptic obliquity = 23°17'00, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°25'12, Lahiri = 40°32'13

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ASTRODIENST EPHEMERIS for the year 3191
geocentric

FEBRUARY 3191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 44 38	11♒24'57	5♌59	23♒ 4	5♑12	0°R10	29♎51	24♏47	29♈54	10♉38	5°R 1	8°R47	8♌37	6♌15	2♐47	F 1
S 2	8 48 34	12°26'00	17°47	24°43	6°25	0♋ 8	29°54	24°51	29°55	10°38	5♍ 0	8♌47	8°34	6°22	2°52	S 2
S 3	8 52 31	13°27'03	29°38	26°22	7°38	0° 7	29°56	24°54	29°56	10°39	4°58	8°46	8°31	6°29	2°56	S 3
M 4	8 56 27	14°28'05	11♍33	28° 1	8°52	0°D 6	29°58	24°57	29°58	10°39	4°57	8°46	8°28	6°35	3° 1	M 4
T 5	9 0 24	15°29'07	23°35	29°38	10° 5	0° 7	29°59	25° 0	29°59	10°40	4°56	8°45	8°25	6°42	3° 5	T 5
W 6	9 4 21	16°30'09	5♎47	1♓15	11°18	0° 8	0♏ 1	25° 3	0♉ 0	10°40	4°54	8°44	8°21	6°49	3°10	W 6
T 7	9 8 17	17°31'10	18°11	2°51	12°32	0°10	0° 2	25° 6	0° 2	10°41	4°53	8°43	8°18	6°55	3°14	T 7
F 8	9 12 14	18°32'12	0♏50	4°25	13°45	0°13	0° 4	25° 8	0° 3	10°41	4°52	8°42	8°15	7° 2	3°18	F 8
S 9	9 16 10	19°33'13	13°47	5°57	14°59	0°16	0° 5	25°11	0° 5	10°42	4°50	8°D41	8°12	7° 9	3°22	S 9
S 10	9 20 7	20°34'13	27° 6	7°27	16°12	0°20	0° 5	25°13	0° 7	10°43	4°49	8°41	8° 9	7°15	3°26	S 10
M11	9 24 3	21°35'14	10♐49	8°54	17°26	0°25	0° 6	25°16	0° 8	10°43	4°48	8°42	8° 5	7°22	3°30	M11
T 12	9 28 0	22°36'14	24°56	10°18	18°39	0°31	0° 6	25°18	0°10	10°44	4°46	8°43	8° 2	7°28	3°34	T 12
W13	9 31 56	23°37'14	9♑26	11°38	19°53	0°37	0° 7	25°20	0°12	10°45	4°45	8°44	7°59	7°35	3°38	W13
T 14	9 35 53	24°38'13	24°16	12°53	21° 6	0°44	0°R 7	25°22	0°14	10°46	4°43	8°45	7°56	7°42	3°41	T 14
F 15	9 39 50	25°39'12	9♒21	14° 3	22°20	0°51	0° 7	25°24	0°15	10°46	4°42	8°R45	7°53	7°48	3°45	F 15
S 16	9 43 46	26°40'10	24°31	15° 6	23°34	1° 0	0° 6	25°26	0°17	10°47	4°41	8°45	7°50	7°55	3°48	S 16
S 17	9 47 43	27°41'07	9♓38	16° 3	24°48	1° 8	0° 6	25°28	0°19	10°48	4°39	8°43	7°46	8° 2	3°51	S 17
M18	9 51 39	28°42'03	24°31	16°52	26° 1	1°18	0° 5	25°30	0°21	10°49	4°38	8°41	7°43	8° 8	3°55	M18
T 19	9 55 36	29°42'58	9♈ 4	17°32	27°15	1°28	0° 4	25°31	0°23	10°50	4°36	8°38	7°40	8°15	3°58	T 19
W20	9 59 32	0♓43'52	23°11	18° 4	28°29	1°39	0° 3	25°33	0°25	10°51	4°35	8°35	7°37	8°22	4° 1	W20
T 21	10 3 29	1°44'45	6♉49	18°25	29°43	1°50	0° 2	25°34	0°27	10°52	4°33	8°32	7°34	8°28	4° 3	T 21
F 22	10 7 25	2°45'37	20° 0	18°R35	0♒57	2° 2	0° 0	25°35	0°30	10°53	4°32	8°31	7°31	8°35	4° 6	F 22
S 23	10 11 22	3°46'27	2♊46	18°34	2°11	2°14	29♎58	25°37	0°32	10°54	4°31	8°D30	7°27	8°42	4° 9	S 23
S 24	10 15 19	4°47'16	15°11	18°23	3°24	2°27	29°57	25°38	0°34	10°55	4°29	8°30	7°24	8°48	4°11	S 24
M25	10 19 15	5°48'04	27°19	18° 0	4°38	2°41	29°55	25°39	0°36	10°57	4°28	8°32	7°21	8°55	4°14	M25
T 26	10 23 12	6°48'50	9♋15	17°27	5°52	2°55	29°52	25°39	0°38	10°58	4°26	8°34	7°18	9° 1	4°16	T 26
W27	10 27 8	7°49'35	21° 5	16°44	7° 6	3° 9	29°50	25°40	0°41	10°59	4°25	8°35	7°15	9° 8	4°18	W27
T 28	10 31 5	8♓50'19	2♌51	15♓53	8♒20	3♋24	29♎47	25♏41	0♉43	11♉ 0	4♍23	8°R36	7♌11	9♌15	4♐20	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s15	18n24	0s16	15s35	1s57	21s44	1n27	26n44	3n27	10s 8	1n18	16s36	2n19	10n49	0s35	13n23	1s37	17n25	8n24	17n57	17n59	18n23	17s31	3n 7
S 2	16 58	16 12	0n50	14 59	1 53	21 44	1 24	26 43	3 26	10 8	1 18	16 36	2 19	10 50	0 35	13 23	1 37	17 26	8 24	17 57	18 0	18 22	17 31	3 8
S 3	16 41	13 18	1 53	14 21	1 49	21 43	1 21	26 42	3 25	10 9	1 19	16 37	2 19	10 50	0 35	13 23	1 37	17 26	8 24	17 57	18 1	18 21	17 32	3 8
M 4	16 23	9 51	2 52	13 42	1 44	21 41	1 18	26 41	3 24	10 9	1 19	16 37	2 20	10 51	0 35	13 23	1 37	17 27	8 24	17 57	18 2	18 20	17 32	3 9
T 5	16 5	5 58	3 44	13 3	1 38	21 39	1 16	26 41	3 24	10 9	1 19	16 38	2 20	10 51	0 35	13 23	1 37	17 27	8 24	17 57	18 3	18 20	17 32	3 10
W 6	15 47	1 48	4 27	12 23	1 31	21 36	1 13	26 40	3 23	10 10	1 19	16 38	2 20	10 52	0 34	13 24	1 37	17 28	8 25	17 58	18 3	18 19	17 32	3 10
T 7	15 29	2s29	4 57	11 42	1 24	21 33	1 10	26 39	3 22	10 10	1 20	16 39	2 20	10 52	0 34	13 24	1 37	17 29	8 25	17 58	18 4	18 18	17 33	3 11
F 8	15 10	6 46	5 15	11 0	1 16	21 28	1 7	26 38	3 21	10 10	1 20	16 39	2 20	10 53	0 34	13 24	1 37	17 29	8 25	17 58	18 5	18 17	17 33	3 12
S 9	14 52	10 50	5 16	10 18	1 7	21 24	1 4	26 37	3 20	10 10	1 20	16 40	2 21	10 53	0 34	13 24	1 37	17 30	8 25	17 58	18 6	18 16	17 33	3 12
S 10	14 32	14 29	5 1	9 36	0 57	21 18	1 1	26 36	3 19	10 10	1 20	16 40	2 21	10 54	0 34	13 24	1 37	17 31	8 25	17 58	18 7	18 16	17 33	3 13
M11	14 13	17 29	4 29	8 54	0 47	21 12	0 58	26 35	3 18	10 10	1 21	16 40	2 21	10 55	0 34	13 25	1 37	17 31	8 25	17 58	18 8	18 15	17 33	3 13
T 12	13 53	19 31	3 40	8 12	0 35	21 6	0 55	26 34	3 17	10 10	1 21	16 41	2 21	10 55	0 34	13 25	1 37	17 32	8 25	17 58	18 8	18 14	17 33	3 14
W13	13 34	20 22	2 36	7 31	0 23	20 58	0 51	26 33	3 16	10 10	1 21	16 41	2 22	10 56	0 34	13 25	1 37	17 33	8 26	17 58	18 9	18 13	17 33	3 15
T 14	13 13	19 49	1 19	6 50	0 10	20 51	0 48	26 32	3 15	10 10	1 21	16 41	2 22	10 57	0 34	13 26	1 36	17 33	8 26	17 57	18 10	18 12	17 33	3 15
F 15	12 53	17 51	0s 3	6 11	0n 3	20 42	0 45	26 31	3 14	10 10	1 22	16 41	2 22	10 57	0 34	13 26	1 36	17 34	8 26	17 57	18 11	18 12	17 33	3 16
S 16	12 33	14 37	1 26	5 33	0 18	20 33	0 42	26 30	3 13	10 9	1 22	16 42	2 22	10 58	0 34	13 26	1 36	17 34	8 26	17 57	18 12	18 11	17 33	3 17
S 17	12 12	10 25	2 43	4 57	0 33	20 23	0 39	26 28	3 12	10 9	1 22	16 42	2 22	10 59	0 34	13 27	1 36	17 35	8 26	17 58	18 12	18 10	17 33	3 17
M18	11 51	5 38	3 47	4 24	0 49	20 13	0 36	26 27	3 11	10 8	1 22	16 42	2 23	10 59	0 34	13 27	1 36	17 36	8 26	17 58	18 13	18 9	17 33	3 18
T 19	11 30	0 39	4 35	3 53	1 5	20 2	0 33	26 26	3 9	10 8	1 23	16 42	2 23	11 0	0 34	13 27	1 36	17 36	8 26	17 59	18 14	18 8	17 33	3 19
W20	11 9	4n14	5 4	3 26	1 22	19 51	0 30	26 25	3 8	10 7	1 23	16 42	2 23	11 1	0 34	13 28	1 36	17 37	8 26	18 0	18 15	18 7	17 33	3 19
T 21	10 47	8 44	5 15	3 2	1 39	19 39	0 27	26 24	3 7	10 7	1 23	16 42	2 23	11 2	0 34	13 28	1 36	17 38	8 26	18 1	18 16	18 6	17 33	3 20
F 22	10 25	12 39	5 9	2 43	1 55	19 26	0 24	26 22	3 6	10 6	1 23	16 42	2 24	11 2	0 34	13 28	1 36	17 38	8 27	18 1	18 16	18 6	17 32	3 21
S 23	10 4	15 52	4 48	2 28	2 12	19 13	0 21	26 21	3 5	10 5	1 24	16 42	2 24	11 3	0 34	13 29	1 36	17 39	8 27	18 1	18 17	18 5	17 32	3 21
S 24	9 42	18 16	4 13	2 18	2 28	18 59	0 17	26 20	3 4	10 4	1 24	16 42	2 24	11 4	0 34	13 29	1 36	17 39	8 27	18 1	18 18	18 4	17 32	3 22
M25	9 19	19 47	3 28	2 13	2 43	18 45	0 14	26 18	3 3	10 3	1 24	16 42	2 24	11 5	0 34	13 30	1 36	17 40	8 27	18 1	18 19	18 3	17 32	3 23
T 26	8 57	20 24	2 35	2 13	2 56	18 30	0 11	26 17	3 2	10 2	1 24	16 42	2 25	11 6	0 34	13 30	1 36	17 41	8 27	18 0	18 20	18 2	17 32	3 23
W27	8 35	20 5	1 35	2 18	3 9	18 15	0 8	26 15	3 1	10 1	1 25	16 42	2 25	11 6	0 34	13 30	1 36	17 41	8 27	18 0	18 20	18 1	17 31	3 24
T 28	8s12	18n53	0s32	2s28	3n19	17s59	0n 5	26n14	3n 0	10s 0	1n25	16s42	2n25	11n 7	0s34	13n31	1s36	17n42	8n27	18n 0	18n21	18n 0	17s31	3n25

Julian Day Number = 2886579.5, Delta T = 01h17m33s
Ecliptic obliquity = 23°17'01, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°25'16, Lahiri = 40°32'17

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ASTRODIENST EPHEMERIS for the year 3191
geocentric

MARCH 3191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 35 1	9♓51'01	14♌38	14°R54	9♒34	3♋40	29°R45	25♏41	0♉46	11♉ 2	4°R22	8°R36	7♌ 8	9♌21	4♐22	F 1
S 2	10 38 58	10°51'42	26°30	13♓49	10°48	3°56	29♎42	25°42	0°48	11° 3	4♍21	8♌35	7° 5	9°28	4°24	S 2
S 3	10 42 54	11°52'22	8♍27	12°41	12° 2	4°12	29°38	25°42	0°51	11° 4	4°19	8°32	7° 2	9°35	4°26	S 3
M 4	10 46 51	12°53'00	20°33	11°31	13°16	4°29	29°35	25°42	0°53	11° 6	4°18	8°27	6°59	9°41	4°27	M 4
T 5	10 50 48	13°53'37	2♎48	10°21	14°30	4°46	29°32	25°42	0°56	11° 7	4°16	8°21	6°56	9°48	4°29	T 5
W 6	10 54 44	14°54'13	15°14	9°13	15°44	5° 4	29°28	25°R42	0°58	11° 8	4°15	8°14	6°52	9°55	4°30	W 6
T 7	10 58 41	15°54'47	27°51	8° 8	16°58	5°22	29°24	25°42	1° 1	11°10	4°13	8° 7	6°49	10° 1	4°32	T 7
F 8	11 2 37	16°55'21	10♏41	7° 8	18°12	5°41	29°20	25°42	1° 3	11°11	4°12	8° 1	6°46	10° 8	4°33	F 8
S 9	11 6 34	17°55'53	23°45	6°14	19°26	6° 0	29°16	25°42	1° 6	11°13	4°11	7°57	6°43	10°15	4°34	S 9
S 10	11 10 30	18°56'24	7♐ 5	5°27	20°41	6°19	29°12	25°41	1° 9	11°14	4° 9	7°54	6°40	10°21	4°35	S 10
M11	11 14 27	19°56'54	20°41	4°47	21°55	6°39	29° 7	25°41	1°12	11°16	4° 8	7°D54	6°36	10°28	4°36	M11
T 12	11 18 23	20°57'23	4♑35	4°14	23° 9	6°59	29° 2	25°40	1°14	11°17	4° 6	7°54	6°33	10°34	4°37	T 12
W13	11 22 20	21°57'50	18°46	3°49	24°23	7°20	28°58	25°40	1°17	11°19	4° 5	7°56	6°30	10°41	4°37	W13
T 14	11 26 17	22°58'17	3♒15	3°31	25°37	7°40	28°53	25°39	1°20	11°21	4° 4	7°R57	6°27	10°48	4°38	T 14
F 15	11 30 13	23°58'42	17°57	3°21	26°51	8° 2	28°47	25°38	1°23	11°22	4° 2	7°56	6°24	10°54	4°38	F 15
S 16	11 34 10	24°59'06	2♓48	3°D17	28° 6	8°23	28°42	25°37	1°26	11°24	4° 1	7°54	6°21	11° 1	4°38	S 16
S 17	11 38 6	25°59'28	17°41	3°21	29°20	8°45	28°37	25°36	1°29	11°26	4° 0	7°49	6°17	11° 8	4°39	S 17
M18	11 42 3	26°59'48	2♈26	3°30	0♓34	9° 7	28°31	25°34	1°32	11°27	3°58	7°43	6°14	11°14	4°R39	M18
T 19	11 45 59	28° 0'07	16°57	3°46	1°48	9°30	28°25	25°33	1°35	11°29	3°57	7°34	6°11	11°21	4°39	T 19
W20	11 49 56	29° 0'24	1♉ 7	4° 7	3° 2	9°52	28°19	25°32	1°38	11°31	3°56	7°26	6° 8	11°28	4°38	W20
T 21	11 53 52	0♈ 0'39	14°51	4°34	4°17	10°15	28°13	25°30	1°41	11°33	3°55	7°18	6° 5	11°34	4°38	T 21
F 22	11 57 49	1° 0'53	28° 8	5° 5	5°31	10°39	28° 7	25°28	1°44	11°35	3°53	7°11	6° 2	11°41	4°38	F 22
S 23	12 1 45	2° 1'04	11♊ 0	5°41	6°45	11° 3	28° 1	25°27	1°47	11°36	3°52	7° 7	5°58	11°48	4°37	S 23
S 24	12 5 42	3° 1'14	23°28	6°21	7°59	11°26	27°55	25°25	1°50	11°38	3°51	7° 4	5°55	11°54	4°37	S 24
M25	12 9 39	4° 1'21	5♋38	7° 5	9°13	11°51	27°48	25°23	1°53	11°40	3°50	7°D 4	5°52	12° 1	4°36	M25
T 26	12 13 35	5° 1'27	17°35	7°53	10°28	12°15	27°42	25°21	1°56	11°42	3°48	7° 4	5°49	12° 8	4°35	T 26
W27	12 17 32	6° 1'30	29°24	8°44	11°42	12°40	27°35	25°19	1°59	11°44	3°47	7° 5	5°46	12°14	4°34	W27
T 28	12 21 28	7° 1'31	11♌10	9°38	12°56	13° 5	27°28	25°17	2° 2	11°46	3°46	7°R 5	5°42	12°21	4°33	T 28
F 29	12 25 25	8° 1'31	22°59	10°36	14°10	13°30	27°21	25°14	2° 6	11°48	3°45	7° 4	5°39	12°27	4°32	F 29
S 30	12 29 21	9° 1'28	4♍54	11°35	15°24	13°56	27°14	25°12	2° 9	11°50	3°44	7° 0	5°36	12°34	4°31	S 30
S 31	12 33 18	10♈ 1'23	17♍ 0	12♓38	16♓39	14♋21	27♎ 7	25♏ 9	2♉12	11♉52	3♍43	6♌54	5♌33	12♌41	4♐29	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s50	16n52	0n33	2s43	3n28	17s42	0n 2	26n12	2n58	9s59	1n25	16s42	2n25	11n 8	0s34	13n31	1s36	17n42	8n27	18n 0	18n22	17n59	17s31	3n25
S 2	7 27	14 7	1 36	3 2	3 34	17 25	0s 1	26 11	2 57	9 58	1 25	16 42	2 25	11 9	0 34	13 32	1 36	17 43	8 27	18 0	18 23	17 58	17 30	3 26
S 3	7 4	10 46	2 36	3 24	3 38	17 8	0 4	26 9	2 56	9 56	1 25	16 42	2 26	11 10	0 34	13 32	1 36	17 44	8 27	18 1	18 24	17 58	17 30	3 27
M 4	6 41	6 56	3 29	3 49	3 39	16 50	0 7	26 7	2 55	9 55	1 26	16 42	2 26	11 11	0 34	13 33	1 36	17 44	8 27	18 2	18 24	17 57	17 30	3 28
T 5	6 18	2 46	4 13	4 16	3 38	16 32	0 10	26 6	2 54	9 54	1 26	16 42	2 26	11 12	0 34	13 33	1 36	17 45	8 27	18 4	18 25	17 56	17 29	3 28
W 6	5 55	1s33	4 46	4 44	3 35	16 13	0 12	26 4	2 53	9 52	1 26	16 41	2 26	11 13	0 34	13 34	1 35	17 45	8 27	18 5	18 26	17 55	17 29	3 29
T 7	5 31	5 53	5 6	5 13	3 30	15 53	0 15	26 2	2 52	9 51	1 26	16 41	2 27	11 14	0 34	13 34	1 35	17 46	8 27	18 7	18 27	17 54	17 28	3 30
F 8	5 8	10 1	5 10	5 41	3 23	15 34	0 18	26 0	2 51	9 49	1 26	16 41	2 27	11 14	0 34	13 35	1 35	17 46	8 27	18 9	18 28	17 53	17 28	3 30
S 9	4 44	13 45	4 59	6 9	3 14	15 13	0 21	25 58	2 50	9 47	1 27	16 41	2 27	11 15	0 34	13 35	1 35	17 47	8 27	18 10	18 28	17 52	17 27	3 31
S 10	4 21	16 53	4 32	6 36	3 4	14 53	0 24	25 56	2 48	9 46	1 27	16 40	2 27	11 16	0 34	13 36	1 35	17 47	8 27	18 10	18 29	17 51	17 27	3 32
M11	3 57	19 10	3 48	7 1	2 53	14 32	0 26	25 54	2 47	9 44	1 27	16 40	2 27	11 17	0 34	13 36	1 35	17 48	8 27	18 11	18 30	17 50	17 26	3 32
T 12	3 34	20 21	2 51	7 24	2 40	14 10	0 29	25 52	2 46	9 42	1 27	16 40	2 28	11 18	0 33	13 37	1 35	17 48	8 27	18 10	18 31	17 49	17 26	3 33
W13	3 10	20 18	1 42	7 45	2 28	13 48	0 32	25 50	2 45	9 40	1 27	16 39	2 28	11 19	0 33	13 37	1 35	17 49	8 27	18 10	18 32	17 48	17 25	3 34
T 14	2 46	18 53	0 25	8 4	2 14	13 26	0 34	25 48	2 44	9 38	1 28	16 39	2 28	11 20	0 33	13 38	1 35	17 49	8 27	18 10	18 32	17 47	17 25	3 34
F 15	2 23	16 12	0s54	8 20	2 1	13 3	0 37	25 45	2 43	9 36	1 28	16 38	2 28	11 21	0 33	13 38	1 35	17 50	8 27	18 10	18 33	17 46	17 24	3 35
S 16	1 59	12 26	2 10	8 34	1 47	12 40	0 39	25 43	2 42	9 34	1 28	16 38	2 29	11 22	0 33	13 39	1 35	17 50	8 27	18 10	18 34	17 45	17 23	3 36
S 17	1 35	7 53	3 18	8 46	1 33	12 17	0 42	25 40	2 41	9 32	1 28	16 37	2 29	11 23	0 33	13 39	1 35	17 51	8 27	18 12	18 35	17 44	17 23	3 37
M18	1 11	2 53	4 11	8 55	1 20	11 53	0 44	25 38	2 40	9 30	1 28	16 37	2 29	11 24	0 33	13 40	1 35	17 51	8 27	18 13	18 36	17 43	17 22	3 37
T 19	0 47	2n11	4 48	9 2	1 6	11 29	0 47	25 35	2 39	9 28	1 29	16 36	2 29	11 25	0 33	13 40	1 35	17 52	8 27	18 15	18 36	17 43	17 21	3 38
W20	0 24	7 1	5 5	9 7	0 53	11 5	0 49	25 32	2 38	9 26	1 29	16 36	2 29	11 27	0 33	13 41	1 35	17 52	8 27	18 18	18 37	17 42	17 21	3 39
T 21	0n 0	11 20	5 4	9 9	0 40	10 40	0 51	25 30	2 37	9 23	1 29	16 35	2 30	11 28	0 33	13 42	1 35	17 53	8 27	18 20	18 38	17 41	17 20	3 39
F 22	0 24	14 57	4 47	9 10	0 27	10 15	0 53	25 27	2 36	9 21	1 29	16 35	2 30	11 29	0 33	13 42	1 35	17 53	8 27	18 21	18 39	17 40	17 19	3 40
S 23	0 48	17 44	4 15	9 8	0 15	9 50	0 55	25 24	2 35	9 19	1 29	16 34	2 30	11 30	0 33	13 43	1 35	17 54	8 27	18 23	18 39	17 39	17 18	3 41
S 24	1 12	19 35	3 32	9 4	0 3	9 25	0 58	25 21	2 34	9 16	1 29	16 34	2 30	11 31	0 33	13 43	1 35	17 54	8 27	18 23	18 40	17 38	17 18	3 41
M25	1 35	20 29	2 41	8 59	0s 8	8 59	1 0	25 18	2 33	9 14	1 29	16 33	2 30	11 32	0 33	13 44	1 35	17 54	8 27	18 23	18 41	17 37	17 17	3 42
T 26	1 59	20 26	1 43	8 51	0 19	8 33	1 2	25 14	2 32	9 12	1 30	16 32	2 31	11 33	0 33	13 45	1 35	17 55	8 27	18 23	18 42	17 36	17 16	3 43
W27	2 23	19 28	0 41	8 42	0 30	8 7	1 4	25 11	2 31	9 9	1 30	16 32	2 31	11 34	0 33	13 45	1 35	17 55	8 27	18 23	18 43	17 35	17 15	3 43
T 28	2 46	17 40	0n22	8 31	0 40	7 40	1 5	25 8	2 30	9 7	1 30	16 31	2 31	11 35	0 33	13 46	1 35	17 55	8 27	18 23	18 43	17 34	17 14	3 44
F 29	3 10	15 6	1 24	8 19	0 50	7 14	1 7	25 4	2 29	9 4	1 30	16 30	2 31	11 36	0 33	13 46	1 35	17 56	8 27	18 23	18 44	17 33	17 13	3 45
S 30	3 33	11 52	2 23	8 5	0 59	6 47	1 9	25 0	2 28	9 1	1 30	16 29	2 31	11 37	0 33	13 47	1 35	17 56	8 27	18 24	18 45	17 32	17 12	3 46
S 31	3n57	8n 7	3n16	7s49	1s 8	6s20	1s11	24n57	2n27	8s59	1n30	16s29	2n31	11n38	0s33	13n48	1s35	17n57	8n27	18n26	18n46	17n31	17s12	3n46

Julian Day Number = 2886607.5, Delta T = 01h17m33s
Ecliptic obliquity = 23°17'02, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°25'20, Lahiri = 40°32'21

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ASTRODIENST EPHEMERIS for the year 3191
geocentric

APRIL 3191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 37 14	11♈ 1'16	29♍17	13♓43	17♓53	14♋47	27°R 0	25°R 7	2♉15	11♉54	3°R42	6°R45	5♌30	12♌47	4°R28	M 1
T 2	12 41 11	12° 1'08	11♎48	14°50	19° 7	15°14	26♎53	25♏ 4	2°18	11°56	3♍40	6♌34	5°27	12°54	4♐26	T 2
W 3	12 45 8	13° 0'57	24°33	16° 0	20°21	15°40	26°46	25° 2	2°22	11°58	3°39	6°22	5°23	13° 1	4°25	W 3
T 4	12 49 4	14° 0'45	7♏31	17°11	21°36	16° 6	26°38	24°59	2°25	12° 0	3°38	6°10	5°20	13° 7	4°23	T 4
F 5	12 53 1	15° 0'31	20°41	18°25	22°50	16°33	26°31	24°56	2°28	12° 2	3°37	5°59	5°17	13°14	4°21	F 5
S 6	12 56 57	16° 0'15	4♐ 3	19°40	24° 4	17° 0	26°23	24°53	2°32	12° 4	3°36	5°51	5°14	13°21	4°19	S 6
S 7	13 0 54	16°59'57	17°35	20°58	25°18	17°27	26°16	24°50	2°35	12° 6	3°35	5°45	5°11	13°27	4°17	S 7
M 8	13 4 50	17°59'38	1♑17	22°17	26°32	17°55	26° 8	24°47	2°38	12° 8	3°34	5°42	5° 8	13°34	4°15	M 8
T 9	13 8 47	18°59'18	15° 9	23°37	27°47	18°22	26° 1	24°43	2°42	12°10	3°33	5°D41	5° 4	13°41	4°13	T 9
W10	13 12 43	19°58'55	29°11	25° 0	29° 1	18°50	25°53	24°40	2°45	12°12	3°33	5°R41	5° 1	13°47	4°10	W10
T 11	13 16 40	20°58'31	13♒23	26°24	0♈15	19°18	25°45	24°37	2°48	12°15	3°32	5°41	4°58	13°54	4° 8	T 11
F 12	13 20 37	21°58'05	27°43	27°49	1°29	19°46	25°38	24°33	2°52	12°17	3°31	5°39	4°55	14° 0	4° 5	F 12
S 13	13 24 33	22°57'38	12♓ 8	29°16	2°43	20°14	25°30	24°30	2°55	12°19	3°30	5°35	4°52	14° 7	4° 3	S 13
S 14	13 28 30	23°57'09	26°35	0♈45	3°58	20°43	25°22	24°26	2°59	12°21	3°29	5°28	4°48	14°14	4° 0	S 14
M15	13 32 26	24°56'38	10♈59	2°14	5°12	21°11	25°14	24°23	3° 2	12°23	3°28	5°19	4°45	14°20	3°57	M15
T 16	13 36 23	25°56'05	25°12	3°46	6°26	21°40	25° 7	24°19	3° 5	12°25	3°27	5° 7	4°42	14°27	3°54	T 16
W17	13 40 19	26°55'30	9♉ 9	5°19	7°40	22° 9	24°59	24°15	3° 9	12°28	3°27	4°55	4°39	14°34	3°51	W17
T 18	13 44 16	27°54'53	22°46	6°53	8°54	22°38	24°51	24°11	3°12	12°30	3°26	4°43	4°36	14°40	3°48	T 18
F 19	13 48 12	28°54'14	6♊ 0	8°28	10° 9	23° 8	24°43	24° 8	3°16	12°32	3°25	4°32	4°33	14°47	3°45	F 19
S 20	13 52 9	29°53'33	18°51	10° 5	11°23	23°37	24°36	24° 4	3°19	12°34	3°25	4°25	4°29	14°54	3°42	S 20
S 21	13 56 5	0♉52'50	1♋20	11°44	12°37	24° 6	24°28	24° 0	3°22	12°36	3°24	4°19	4°26	15° 0	3°39	S 21
M22	14 0 2	1°52'04	13°32	13°24	13°51	24°36	24°20	23°56	3°26	12°39	3°23	4°17	4°23	15° 7	3°35	M22
T 23	14 3 59	2°51'16	25°30	15° 5	15° 5	25° 6	24°13	23°51	3°29	12°41	3°23	4°16	4°20	15°14	3°32	T 23
W24	14 7 55	3°50'26	7♌21	16°48	16°19	25°36	24° 5	23°47	3°33	12°43	3°22	4°16	4°17	15°20	3°28	W24
T 25	14 11 52	4°49'34	19° 8	18°32	17°34	26° 6	23°58	23°43	3°36	12°45	3°21	4°15	4°13	15°27	3°25	T 25
F 26	14 15 48	5°48'40	0♍59	20°17	18°48	26°36	23°50	23°39	3°40	12°48	3°21	4°14	4°10	15°34	3°21	F 26
S 27	14 19 45	6°47'43	12°58	22° 5	20° 2	27° 7	23°43	23°35	3°43	12°50	3°20	4°10	4° 7	15°40	3°17	S 27
S 28	14 23 41	7°46'44	25° 9	23°53	21°16	27°37	23°35	23°30	3°46	12°52	3°20	4° 3	4° 4	15°47	3°14	S 28
M29	14 27 38	8°45'43	7♎36	25°43	22°30	28° 8	23°28	23°26	3°50	12°54	3°19	3°54	4° 1	15°53	3°10	M29
T 30	14 31 34	9♉44'39	20♎21	27♈35	23♈44	28♋38	23♎21	23♏22	3♉53	12♉57	3♍19	3♌42	3♌58	16♌ 0	3♐ 6	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n20	3n58	4n 1	7s32	1s16	5s52	1s12	24n53	2n26	8s56	1n30	16s28	2n32	11n40	0s33	13n48	1s35	17n57	8n27	18n28	18n46	17n29	17s11	3n47
T 2	4 43	0s25	4 35	7 13	1 24	5 25	1 14	24 49	2 25	8 53	1 30	16 27	2 32	11 41	0 33	13 49	1 35	17 57	8 27	18 31	18 47	17 28	17 10	3 48
W 3	5 6	4 51	4 56	6 53	1 31	4 57	1 15	24 45	2 24	8 51	1 30	16 26	2 32	11 42	0 33	13 49	1 35	17 58	8 26	18 34	18 48	17 27	17 9	3 48
T 4	5 30	9 9	5 2	6 32	1 38	4 30	1 17	24 41	2 23	8 48	1 30	16 25	2 32	11 43	0 33	13 50	1 35	17 58	8 26	18 37	18 49	17 26	17 8	3 49
F 5	5 53	13 6	4 53	6 10	1 45	4 2	1 18	24 37	2 22	8 45	1 30	16 25	2 32	11 44	0 33	13 51	1 34	17 58	8 26	18 39	18 49	17 25	17 7	3 50
S 6	6 15	16 27	4 27	5 46	1 51	3 34	1 20	24 32	2 21	8 43	1 31	16 24	2 32	11 45	0 33	13 51	1 34	17 58	8 26	18 41	18 50	17 24	17 6	3 50
S 7	6 38	18 57	3 46	5 21	1 56	3 6	1 21	24 28	2 20	8 40	1 31	16 23	2 33	11 46	0 33	13 52	1 34	17 59	8 26	18 43	18 51	17 23	17 5	3 51
M 8	7 1	20 25	2 52	4 54	2 1	2 37	1 22	24 23	2 19	8 37	1 31	16 22	2 33	11 48	0 33	13 53	1 34	17 59	8 26	18 44	18 52	17 22	17 4	3 52
T 9	7 23	20 40	1 47	4 27	2 6	2 9	1 23	24 19	2 18	8 34	1 31	16 21	2 33	11 49	0 33	13 53	1 34	17 59	8 26	18 44	18 53	17 21	17 3	3 52
W10	7 46	19 38	0 34	3 58	2 10	1 41	1 24	24 14	2 17	8 32	1 31	16 20	2 33	11 50	0 33	13 54	1 34	18 0	8 26	18 44	18 53	17 20	17 2	3 53
T 11	8 8	17 21	0s41	3 29	2 14	1 12	1 25	24 9	2 16	8 29	1 31	16 19	2 33	11 51	0 33	13 55	1 34	18 0	8 26	18 44	18 54	17 19	17 1	3 53
F 12	8 30	13 59	1 54	2 58	2 18	0 44	1 26	24 4	2 15	8 26	1 31	16 18	2 33	11 52	0 33	13 55	1 34	18 0	8 26	18 44	18 55	17 18	17 0	3 54
S 13	8 52	9 45	3 0	2 26	2 20	0 15	1 27	23 59	2 14	8 23	1 31	16 17	2 33	11 53	0 33	13 56	1 34	18 0	8 26	18 45	18 56	17 17	16 58	3 55
S 14	9 14	4 57	3 55	1 54	2 23	0n13	1 28	23 54	2 13	8 20	1 31	16 16	2 34	11 54	0 33	13 57	1 34	18 0	8 25	18 47	18 56	17 16	16 57	3 55
M15	9 36	0n 6	4 35	1 20	2 25	0 42	1 28	23 48	2 12	8 18	1 31	16 15	2 34	11 56	0 33	13 57	1 34	18 1	8 25	18 49	18 57	17 15	16 56	3 56
T 16	9 57	5 5	4 56	0 45	2 26	1 11	1 29	23 43	2 11	8 15	1 31	16 14	2 34	11 57	0 33	13 58	1 34	18 1	8 25	18 52	18 58	17 14	16 55	3 57
W17	10 19	9 42	5 0	0 9	2 27	1 39	1 30	23 37	2 11	8 12	1 31	16 13	2 34	11 58	0 33	13 59	1 34	18 1	8 25	18 55	18 59	17 12	16 54	3 57
T 18	10 40	13 43	4 46	0n27	2 28	2 8	1 30	23 32	2 10	8 9	1 31	16 12	2 34	11 59	0 33	13 59	1 34	18 1	8 25	18 58	18 59	17 11	16 53	3 58
F 19	11 1	16 57	4 17	1 4	2 28	2 36	1 30	23 26	2 9	8 6	1 31	16 11	2 34	12 0	0 33	14 0	1 34	18 1	8 25	19 0	19 0	17 10	16 52	3 58
S 20	11 22	19 14	3 36	1 43	2 27	3 5	1 31	23 20	2 8	8 4	1 31	16 10	2 34	12 1	0 33	14 1	1 34	18 1	8 25	19 2	19 1	17 9	16 50	3 59
S 21	11 42	20 32	2 45	2 22	2 26	3 33	1 31	23 14	2 7	8 1	1 31	16 9	2 34	12 3	0 33	14 1	1 34	18 2	8 25	19 3	19 2	17 8	16 49	4 0
M22	12 3	20 49	1 48	3 2	2 25	4 2	1 31	23 8	2 6	7 58	1 31	16 8	2 34	12 4	0 33	14 2	1 34	18 2	8 24	19 4	19 2	17 7	16 48	4 0
T 23	12 23	20 9	0 46	3 42	2 23	4 30	1 31	23 2	2 5	7 55	1 31	16 7	2 35	12 5	0 33	14 3	1 34	18 2	8 24	19 4	19 3	17 6	16 47	4 1
W24	12 43	18 35	0n16	4 23	2 21	4 58	1 32	22 55	2 4	7 53	1 31	16 6	2 35	12 6	0 33	14 3	1 34	18 2	8 24	19 4	19 4	17 5	16 46	4 1
T 25	13 3	16 13	1 18	5 5	2 18	5 26	1 32	22 49	2 4	7 50	1 31	16 5	2 35	12 7	0 33	14 4	1 34	18 2	8 24	19 4	19 5	17 4	16 45	4 2
F 26	13 22	13 11	2 17	5 48	2 15	5 54	1 32	22 42	2 3	7 47	1 30	16 4	2 35	12 8	0 33	14 5	1 34	18 2	8 24	19 5	19 5	17 2	16 43	4 2
S 27	13 42	9 34	3 10	6 31	2 11	6 22	1 31	22 36	2 2	7 45	1 30	16 3	2 35	12 10	0 33	14 6	1 34	18 2	8 24	19 6	19 6	17 1	16 42	4 3
S 28	14 1	5 31	3 55	7 15	2 6	6 50	1 31	22 29	2 1	7 42	1 30	16 2	2 35	12 11	0 33	14 6	1 34	18 2	8 24	19 7	19 7	17 0	16 41	4 3
M29	14 20	1 9	4 30	7 59	2 2	7 17	1 31	22 22	2 0	7 39	1 30	16 1	2 35	12 12	0 33	14 7	1 34	18 2	8 23	19 9	19 8	16 59	16 40	4 4
T 30	14n38	3s22	4n53	8n44	1s56	7n45	1s31	22n15	1n59	7s37	1n30	15s59	2n35	12n13	0s33	14n 8	1s34	18n 2	8n23	19n12	19n 8	16n58	16s38	4n 4

Julian Day Number = 2886638.5, Delta T = 01h17m34s
Ecliptic obliquity = 23°17'02, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°25'25, Lahiri = 40°32'25

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ASTRODIENST EPHEMERIS for the year 3191
geocentric

MAY 3191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 35 31	10♉43'34	3♏23	29♈28	24♈58	29♋ 9	23°R14	23°R17	3♉57	12♉59	3°R19	3°R29	3♌54	16♌ 7	3°R 2	W 1
T 2	14 39 28	11°42'27	16°43	1♉22	26°12	29°40	23♎ 7	23♏13	4° 0	13° 1	3♍18	3♌17	3°51	16°13	2♐58	T 2
F 3	14 43 24	12°41'18	0♐17	3°18	27°26	0♌11	23° 0	23° 8	4° 3	13° 4	3°18	3° 5	3°48	16°20	2°54	F 3
S 4	14 47 21	13°40'07	14° 3	5°15	28°40	0°42	22°53	23° 4	4° 7	13° 6	3°17	2°56	3°45	16°27	2°50	S 4
S 5	14 51 17	14°38'54	27°58	7°14	29°54	1°14	22°46	22°59	4°10	13° 8	3°17	2°49	3°42	16°33	2°46	S 5
M 6	14 55 14	15°37'40	11♊59	9°15	1♉ 8	1°45	22°39	22°55	4°14	13°10	3°17	2°46	3°39	16°40	2°42	M 6
T 7	14 59 10	16°36'24	26° 3	11°16	2°23	2°16	22°33	22°50	4°17	13°13	3°17	2°44	3°35	16°47	2°38	T 7
W 8	15 3 7	17°35'06	10♒ 9	13°19	3°37	2°48	22°26	22°46	4°20	13°15	3°16	2°44	3°32	16°53	2°33	W 8
T 9	15 7 3	18°33'47	24°16	15°24	4°51	3°19	22°20	22°41	4°24	13°17	3°16	2°44	3°29	17° 0	2°29	T 9
F 10	15 11 0	19°32'26	8♓22	17°29	6° 5	3°51	22°14	22°37	4°27	13°19	3°16	2°43	3°26	17° 7	2°25	F 10
S 11	15 14 57	20°31'04	22°28	19°36	7°19	4°23	22° 8	22°32	4°30	13°22	3°16	2°40	3°23	17°13	2°20	S 11
S 12	15 18 53	21°29'39	6♈30	21°43	8°33	4°55	22° 2	22°28	4°34	13°24	3°16	2°34	3°19	17°20	2°16	S 12
M13	15 22 50	22°28'14	20°27	23°51	9°47	5°27	21°56	22°23	4°37	13°26	3°16	2°25	3°16	17°27	2°12	M13
T 14	15 26 46	23°26'46	4♉14	25°59	11° 1	5°59	21°50	22°18	4°40	13°28	3°16	2°15	3°13	17°33	2° 7	T 14
W15	15 30 43	24°25'17	17°48	28° 8	12°15	6°31	21°44	22°14	4°44	13°31	3°D16	2° 3	3°10	17°40	2° 3	W15
T 16	15 34 39	25°23'46	1♊ 6	0♊17	13°29	7° 4	21°39	22° 9	4°47	13°33	3°16	1°52	3° 7	17°46	1°58	T 16
F 17	15 38 36	26°22'13	14° 7	2°25	14°43	7°36	21°34	22° 5	4°50	13°35	3°16	1°43	3° 4	17°53	1°54	F 17
S 18	15 42 32	27°20'39	26°49	4°33	15°57	8° 9	21°28	22° 0	4°53	13°37	3°16	1°35	3° 0	18° 0	1°49	S 18
S 19	15 46 29	28°19'03	9♋13	6°40	17°11	8°41	21°23	21°56	4°57	13°40	3°16	1°30	2°57	18° 6	1°45	S 19
M20	15 50 26	29°17'24	21°23	8°46	18°25	9°14	21°18	21°51	5° 0	13°42	3°16	1°28	2°54	18°13	1°40	M20
T 21	15 54 22	0♊15'44	3♌20	10°50	19°38	9°46	21°14	21°47	5° 3	13°44	3°16	1°D27	2°51	18°20	1°36	T 21
W22	15 58 19	1°14'01	15°11	12°52	20°52	10°19	21° 9	21°42	5° 6	13°46	3°16	1°28	2°48	18°26	1°31	W22
T 23	16 2 15	2°12'17	26°59	14°53	22° 6	10°52	21° 5	21°38	5° 9	13°48	3°16	1°R29	2°45	18°33	1°27	T 23
F 24	16 6 12	3°10'31	8♍51	16°51	23°20	11°25	21° 0	21°33	5°12	13°51	3°17	1°29	2°41	18°40	1°22	F 24
S 25	16 10 8	4° 8'42	20°51	18°46	24°34	11°58	20°56	21°29	5°16	13°53	3°17	1°27	2°38	18°46	1°18	S 25
S 26	16 14 5	5° 6'52	3♎ 5	20°39	25°48	12°31	20°52	21°24	5°19	13°55	3°17	1°23	2°35	18°53	1°13	S 26
M27	16 18 1	6° 5'00	15°36	22°29	27° 2	13° 4	20°49	21°20	5°22	13°57	3°17	1°18	2°32	19° 0	1° 9	M27
T 28	16 21 58	7° 3'06	28°28	24°15	28°16	13°38	20°45	21°16	5°25	13°59	3°18	1°10	2°29	19° 6	1° 4	T 28
W29	16 25 55	8° 1'10	11♏42	25°59	29°30	14°11	20°42	21°11	5°28	14° 1	3°18	1° 1	2°25	19°13	1° 0	W29
T 30	16 29 51	8°59'13	25°18	27°39	0♊43	14°44	20°38	21° 7	5°31	14° 3	3°19	0°53	2°22	19°20	0°55	T 30
F 31	16 33 48	9♊57'14	9♐13	29♊15	1♊57	15♌18	20♎35	21♏ 3	5♉34	14♉ 5	3♍19	0♌45	2♌19	19♌26	0♐51	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n57	7s51	5n 1	9n29	1s50	8n12	1s30	22n 8	1n59	7s34	1n30	15s58	2n35	12n14	0s33	14n 8	1s34	18n 2	8n23	19n15	19n 9	16n57	16s37	4n 5
T 2	15 15	12 3	4 52	10 15	1 44	8 39	1 30	22 0	1 58	7 32	1 30	15 57	2 35	12 15	0 33	14 9	1 34	18 2	8 23	19 18	19 10	16 56	16 36	4 5
F 3	15 33	15 43	4 28	11 0	1 37	9 6	1 29	21 53	1 57	7 29	1 30	15 56	2 35	12 16	0 33	14 10	1 34	18 2	8 23	19 20	19 11	16 54	16 35	4 6
S 4	15 50	18 34	3 47	11 46	1 30	9 33	1 29	21 46	1 56	7 27	1 30	15 55	2 35	12 18	0 33	14 10	1 34	18 2	8 23	19 23	19 11	16 53	16 33	4 6
S 5	16 8	20 23	2 53	12 32	1 23	9 59	1 28	21 38	1 55	7 25	1 30	15 54	2 35	12 19	0 33	14 11	1 34	18 2	8 23	19 24	19 12	16 52	16 32	4 7
M 6	16 25	20 58	1 48	13 18	1 14	10 26	1 27	21 30	1 55	7 22	1 29	15 53	2 35	12 20	0 33	14 12	1 34	18 2	8 22	19 25	19 13	16 51	16 31	4 7
T 7	16 42	20 13	0 35	14 4	1 6	10 52	1 27	21 22	1 54	7 20	1 29	15 52	2 35	12 21	0 33	14 12	1 34	18 2	8 22	19 25	19 14	16 50	16 30	4 8
W 8	16 58	18 13	0s39	14 50	0 57	11 18	1 26	21 14	1 53	7 18	1 29	15 50	2 35	12 22	0 33	14 13	1 34	18 2	8 22	19 25	19 14	16 49	16 28	4 8
T 9	17 14	15 6	1 52	15 35	0 48	11 43	1 25	21 6	1 52	7 16	1 29	15 49	2 35	12 23	0 33	14 14	1 34	18 2	8 22	19 25	19 15	16 47	16 27	4 9
F 10	17 30	11 7	2 57	16 20	0 38	12 8	1 24	20 58	1 51	7 13	1 29	15 48	2 35	12 24	0 33	14 14	1 34	18 2	8 22	19 25	19 16	16 46	16 26	4 9
S 11	17 46	6 31	3 52	17 4	0 28	12 33	1 23	20 50	1 51	7 11	1 29	15 47	2 35	12 25	0 33	14 15	1 34	18 2	8 22	19 26	19 16	16 45	16 25	4 10
S 12	18 1	1 36	4 32	17 47	0 18	12 58	1 22	20 41	1 50	7 9	1 29	15 46	2 35	12 27	0 33	14 16	1 34	18 2	8 21	19 28	19 17	16 44	16 23	4 10
M13	18 16	3n22	4 56	18 29	0 8	13 22	1 21	20 33	1 49	7 7	1 28	15 45	2 35	12 28	0 33	14 16	1 34	18 2	8 21	19 30	19 18	16 43	16 22	4 10
T 14	18 31	8 6	5 2	19 10	0n 3	13 46	1 20	20 24	1 48	7 5	1 28	15 44	2 35	12 29	0 33	14 17	1 34	18 1	8 21	19 32	19 19	16 41	16 21	4 11
W15	18 45	12 22	4 51	19 50	0 14	14 10	1 18	20 15	1 47	7 3	1 28	15 42	2 35	12 30	0 33	14 18	1 34	18 1	8 21	19 34	19 19	16 40	16 20	4 11
T 16	18 59	15 56	4 24	20 28	0 24	14 33	1 17	20 6	1 47	7 1	1 28	15 41	2 35	12 31	0 33	14 18	1 34	18 1	8 21	19 37	19 20	16 39	16 18	4 12
F 17	19 13	18 38	3 44	21 5	0 35	14 56	1 16	19 57	1 46	7 0	1 28	15 40	2 35	12 32	0 33	14 19	1 34	18 1	8 21	19 39	19 21	16 38	16 17	4 12
S 18	19 26	20 21	2 54	21 39	0 45	15 19	1 14	19 48	1 45	6 58	1 28	15 39	2 35	12 33	0 33	14 19	1 34	18 1	8 21	19 41	19 22	16 37	16 16	4 12
S 19	19 39	21 2	1 56	22 11	0 55	15 41	1 13	19 39	1 44	6 56	1 27	15 38	2 35	12 34	0 33	14 20	1 34	18 1	8 20	19 42	19 22	16 35	16 15	4 13
M20	19 52	20 43	0 54	22 42	1 5	16 3	1 11	19 30	1 44	6 54	1 27	15 37	2 35	12 35	0 33	14 21	1 34	18 0	8 20	19 42	19 23	16 34	16 14	4 13
T 21	20 4	19 27	0n10	23 10	1 15	16 25	1 10	19 20	1 43	6 53	1 27	15 36	2 35	12 36	0 33	14 21	1 34	18 0	8 20	19 42	19 24	16 33	16 12	4 13
W22	20 16	17 20	1 13	23 35	1 24	16 46	1 8	19 11	1 42	6 51	1 27	15 35	2 35	12 37	0 33	14 22	1 34	18 0	8 20	19 42	19 24	16 32	16 11	4 14
T 23	20 28	14 31	2 12	23 58	1 33	17 6	1 6	19 1	1 41	6 50	1 27	15 34	2 35	12 38	0 33	14 23	1 34	18 0	8 20	19 42	19 25	16 30	16 10	4 14
F 24	20 39	11 5	3 7	24 18	1 41	17 26	1 5	18 51	1 41	6 49	1 26	15 33	2 35	12 39	0 33	14 23	1 34	18 0	8 20	19 42	19 26	16 29	16 9	4 14
S 25	20 50	7 11	3 53	24 36	1 48	17 46	1 3	18 42	1 40	6 47	1 26	15 32	2 34	12 40	0 33	14 24	1 34	17 59	8 19	19 42	19 27	16 28	16 8	4 15
S 26	21 1	2 55	4 30	24 52	1 55	18 5	1 1	18 32	1 39	6 46	1 26	15 31	2 34	12 41	0 33	14 25	1 34	17 59	8 19	19 43	19 27	16 27	16 6	4 15
M27	21 11	1s33	4 55	25 5	2 1	18 24	0 59	18 22	1 39	6 45	1 26	15 30	2 34	12 42	0 33	14 25	1 34	17 59	8 19	19 44	19 28	16 25	16 5	4 15
T 28	21 21	6 5	5 6	25 16	2 6	18 42	0 58	18 11	1 38	6 44	1 26	15 29	2 34	12 43	0 33	14 26	1 34	17 58	8 19	19 46	19 29	16 24	16 4	4 15
W29	21 30	10 28	5 1	25 24	2 11	19 0	0 56	18 1	1 37	6 43	1 25	15 28	2 34	12 44	0 33	14 26	1 34	17 58	8 19	19 48	19 29	16 23	16 3	4 16
T 30	21 39	14 26	4 39	25 30	2 14	19 18	0 54	17 51	1 36	6 42	1 25	15 27	2 34	12 45	0 33	14 27	1 34	17 58	8 19	19 50	19 30	16 22	16 2	4 16
F 31	21n48	17s43	4n 1	25n34	2n17	19n34	0s52	17n40	1n36	6s41	1n25	15s26	2n34	12n46	0s33	14n28	1s35	17n58	8n18	19n52	19n31	16n20	16s 1	4n16

Julian Day Number = 2886668.5, Delta T = 01h17m34s
Ecliptic obliquity = 23°17'02, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°25'29, Lahiri = 40°32'29

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ASTRODIENST EPHEMERIS for the year 3191
geocentric

JUNE 3191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 37 44	10♊55'14	23♐23	0♋48	3♊11	15♌51	20°R32	20°R59	5♉37	14♉ 8	3♍19	0°R38	2♌16	19♌33	0°R46	S 1
S 2	16 41 41	11°53'12	7♑44	2°17	4°25	16°25	20♎30	20♏55	5°40	14°10	3°20	0♌34	2°13	19°40	0♐42	S 2
M 3	16 45 37	12°51'08	22°10	3°43	5°39	16°58	20°27	20°50	5°42	14°12	3°20	0°32	2°10	19°46	0°38	M 3
T 4	16 49 34	13°49'04	6♒36	5° 5	6°53	17°32	20°25	20°46	5°45	14°14	3°21	0°D32	2° 6	19°53	0°33	T 4
W 5	16 53 30	14°46'58	20°58	6°23	8° 7	18° 6	20°22	20°42	5°48	14°16	3°21	0°33	2° 3	19°59	0°29	W 5
T 6	16 57 27	15°44'51	5♓13	7°38	9°20	18°39	20°20	20°38	5°51	14°18	3°22	0°34	2° 0	20° 6	0°25	T 6
F 7	17 1 24	16°42'43	19°19	8°48	10°34	19°13	20°19	20°35	5°54	14°20	3°23	0°R34	1°57	20°13	0°21	F 7
S 8	17 5 20	17°40'33	3♈16	9°55	11°48	19°47	20°17	20°31	5°57	14°22	3°23	0°33	1°54	20°19	0°16	S 8
S 9	17 9 17	18°38'23	17° 2	10°57	13° 2	20°21	20°15	20°27	5°59	14°24	3°24	0°30	1°51	20°26	0°12	S 9
M10	17 13 13	19°36'12	0♉36	11°56	14°16	20°55	20°14	20°23	6° 2	14°26	3°25	0°26	1°47	20°33	0° 8	M10
T 11	17 17 10	20°33'59	13°58	12°50	15°29	21°29	20°13	20°20	6° 5	14°27	3°25	0°20	1°44	20°39	0° 4	T 11
W12	17 21 6	21°31'45	27° 8	13°40	16°43	22° 3	20°12	20°16	6° 7	14°29	3°26	0°13	1°41	20°46	0° 0	W12
T 13	17 25 3	22°29'31	10♊ 3	14°26	17°57	22°38	20°11	20°13	6°10	14°31	3°27	0° 7	1°38	20°53	29♏56	T 13
F 14	17 28 59	23°27'15	22°44	15° 8	19°11	23°12	20°11	20° 9	6°13	14°33	3°28	0° 1	1°35	20°59	29°52	F 14
S 15	17 32 56	24°24'58	5♋12	15°45	20°25	23°46	20°10	20° 6	6°15	14°35	3°28	29♋57	1°31	21° 6	29°49	S 15
S 16	17 36 53	25°22'39	17°26	16°17	21°38	24°21	20°10	20° 2	6°18	14°37	3°29	29°55	1°28	21°13	29°45	S 16
M17	17 40 49	26°20'20	29°29	16°45	22°52	24°55	20°D10	19°59	6°20	14°39	3°30	29°D54	1°25	21°19	29°41	M17
T 18	17 44 46	27°17'59	11♌24	17° 9	24° 6	25°29	20°10	19°56	6°23	14°40	3°31	29°55	1°22	21°26	29°37	T 18
W19	17 48 42	28°15'36	23°13	17°28	25°20	26° 4	20°10	19°53	6°25	14°42	3°32	29°56	1°19	21°33	29°34	W19
T 20	17 52 39	29°13'13	5♍ 1	17°42	26°34	26°39	20°11	19°50	6°27	14°44	3°33	29°58	1°16	21°39	29°30	T 20
F 21	17 56 35	0♋10'48	16°53	17°51	27°47	27°13	20°11	19°47	6°30	14°46	3°34	29°59	1°12	21°46	29°27	F 21
S 22	18 0 32	1° 8'21	28°52	17°56	29° 1	27°48	20°12	19°44	6°32	14°47	3°35	0°R 0	1° 9	21°53	29°24	S 22
S 23	18 4 28	2° 5'54	11♎ 5	17°R56	0♋15	28°23	20°13	19°41	6°34	14°49	3°36	29°59	1° 6	21°59	29°20	S 23
M24	18 8 25	3° 3'25	23°36	17°52	1°29	28°57	20°15	19°39	6°37	14°51	3°37	29°58	1° 3	22° 6	29°17	M24
T 25	18 12 22	4° 0'55	6♏29	17°44	2°42	29°32	20°16	19°36	6°39	14°52	3°38	29°56	1° 0	22°13	29°14	T 25
W26	18 16 18	4°58'24	19°46	17°31	3°56	0♍ 7	20°18	19°33	6°41	14°54	3°39	29°52	0°57	22°19	29°11	W26
T 27	18 20 15	5°55'52	3♐28	17°14	5°10	0°42	20°19	19°31	6°43	14°56	3°40	29°49	0°53	22°26	29° 8	T 27
F 28	18 24 11	6°53'18	17°34	16°54	6°24	1°17	20°21	19°29	6°45	14°57	3°41	29°46	0°50	22°33	29° 5	F 28
S 29	18 28 8	7°50'44	2♑ 0	16°30	7°37	1°52	20°23	19°26	6°47	14°59	3°42	29°43	0°47	22°39	29° 2	S 29
S 30	18 32 4	8♋48'09	16♑42	16♋ 3	8♋51	2♍27	20♎26	19♏24	6♉49	15♉ 0	3♍43	29♋42	0♌44	22♌46	28♏59	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n56	20s 1	3n 6	25n36	2n19	19n51	0s50	17n30	1n35	6s40	1n25	15s25	2n34	12n47	0s33	14n28	1s35	17n57	8n18	19n53	19n32	16n19	16s 0	4n16
S 2	22 4	21 4	2 0	25 36	2 20	20 6	0 48	17 19	1 34	6 39	1 25	15 24	2 34	12 48	0 33	14 29	1 35	17 57	8 18	19 54	19 32	16 18	15 59	4 17
M 3	22 12	20 44	0 45	25 34	2 20	20 22	0 46	17 8	1 34	6 38	1 24	15 23	2 33	12 49	0 33	14 29	1 35	17 57	8 18	19 54	19 33	16 16	15 57	4 17
T 4	22 19	19 2	0s33	25 30	2 19	20 36	0 44	16 57	1 33	6 37	1 24	15 22	2 33	12 50	0 33	14 30	1 35	17 56	8 18	19 54	19 34	16 15	15 56	4 17
W 5	22 25	16 8	1 48	25 25	2 17	20 50	0 41	16 46	1 32	6 37	1 24	15 21	2 33	12 51	0 33	14 30	1 35	17 56	8 18	19 54	19 34	16 14	15 55	4 17
T 6	22 32	12 17	2 57	25 19	2 15	21 4	0 39	16 35	1 31	6 36	1 24	15 20	2 33	12 52	0 33	14 31	1 35	17 56	8 17	19 54	19 35	16 13	15 54	4 17
F 7	22 38	7 47	3 53	25 11	2 11	21 17	0 37	16 24	1 31	6 36	1 23	15 19	2 33	12 53	0 33	14 32	1 35	17 55	8 17	19 54	19 36	16 11	15 53	4 18
S 8	22 43	2 56	4 36	25 1	2 7	21 29	0 35	16 13	1 30	6 35	1 23	15 18	2 33	12 54	0 33	14 32	1 35	17 55	8 17	19 54	19 37	16 10	15 52	4 18
S 9	22 48	2n 0	5 1	24 51	2 1	21 41	0 33	16 1	1 29	6 35	1 23	15 18	2 33	12 55	0 33	14 33	1 35	17 54	8 17	19 55	19 37	16 9	15 51	4 18
M10	22 53	6 46	5 10	24 40	1 55	21 52	0 30	15 50	1 29	6 35	1 23	15 17	2 32	12 56	0 33	14 33	1 35	17 54	8 17	19 56	19 38	16 7	15 50	4 18
T 11	22 57	11 8	5 1	24 27	1 48	22 2	0 28	15 38	1 28	6 35	1 22	15 16	2 32	12 56	0 33	14 34	1 35	17 54	8 17	19 57	19 39	16 6	15 49	4 18
W12	23 1	14 54	4 37	24 14	1 40	22 12	0 26	15 27	1 27	6 34	1 22	15 15	2 32	12 57	0 33	14 34	1 35	17 53	8 17	19 58	19 39	16 5	15 48	4 18
T 13	23 4	17 53	3 58	24 1	1 31	22 21	0 23	15 15	1 27	6 34	1 22	15 14	2 32	12 58	0 33	14 35	1 35	17 53	8 16	20 0	19 40	16 3	15 48	4 18
F 14	23 7	19 57	3 9	23 46	1 21	22 30	0 21	15 3	1 26	6 34	1 22	15 14	2 32	12 59	0 33	14 35	1 35	17 52	8 16	20 1	19 41	16 2	15 47	4 19
S 15	23 10	21 0	2 11	23 31	1 10	22 38	0 19	14 51	1 25	6 34	1 21	15 13	2 32	13 0	0 33	14 36	1 35	17 52	8 16	20 2	19 41	16 1	15 46	4 19
S 16	23 12	21 2	1 8	23 16	0 58	22 45	0 16	14 39	1 25	6 35	1 21	15 12	2 31	13 1	0 33	14 36	1 35	17 52	8 16	20 2	19 42	15 59	15 45	4 19
M17	23 14	20 5	0 2	23 0	0 46	22 52	0 14	14 27	1 24	6 35	1 21	15 12	2 31	13 1	0 33	14 37	1 35	17 51	8 16	20 2	19 43	15 58	15 44	4 19
T 18	23 15	18 15	1n 3	22 44	0 33	22 58	0 12	14 15	1 23	6 35	1 21	15 11	2 31	13 2	0 33	14 37	1 35	17 51	8 16	20 2	19 44	15 57	15 43	4 19
W19	23 16	15 39	2 4	22 28	0 19	23 3	0 9	14 3	1 23	6 35	1 20	15 10	2 31	13 3	0 33	14 38	1 35	17 50	8 16	20 2	19 44	15 55	15 42	4 19
T 20	23 17	12 25	3 1	22 11	0 4	23 7	0 7	13 50	1 22	6 36	1 20	15 10	2 31	13 4	0 33	14 38	1 35	17 50	8 15	20 2	19 45	15 54	15 42	4 19
F 21	23 17	8 41	3 50	21 55	0s12	23 11	0 4	13 38	1 21	6 36	1 20	15 9	2 30	13 5	0 33	14 39	1 35	17 49	8 15	20 1	19 46	15 53	15 41	4 19
S 22	23 17	4 34	4 29	21 38	0 27	23 15	0 2	13 25	1 21	6 37	1 20	15 9	2 30	13 5	0 33	14 39	1 35	17 49	8 15	20 1	19 46	15 51	15 40	4 19
S 23	23 16	0 12	4 57	21 22	0 44	23 17	0n 0	13 13	1 20	6 38	1 19	15 8	2 30	13 6	0 33	14 40	1 35	17 48	8 15	20 1	19 47	15 50	15 39	4 19
M24	23 15	4s16	5 12	21 6	1 1	23 19	0 3	13 0	1 19	6 38	1 19	15 8	2 30	13 7	0 33	14 40	1 35	17 48	8 15	20 1	19 48	15 48	15 39	4 19
T 25	23 13	8 40	5 12	20 50	1 18	23 20	0 5	12 47	1 19	6 39	1 19	15 7	2 29	13 7	0 33	14 40	1 35	17 47	8 15	20 2	19 48	15 47	15 38	4 19
W26	23 11	12 49	4 56	20 34	1 35	23 21	0 7	12 34	1 18	6 40	1 19	15 7	2 29	13 8	0 33	14 41	1 35	17 47	8 15	20 3	19 49	15 46	15 37	4 19
T 27	23 9	16 25	4 22	20 19	1 52	23 21	0 10	12 22	1 17	6 41	1 18	15 6	2 29	13 9	0 33	14 41	1 35	17 46	8 15	20 3	19 50	15 44	15 37	4 19
F 28	23 6	19 11	3 32	20 5	2 10	23 20	0 12	12 9	1 17	6 42	1 18	15 6	2 29	13 9	0 33	14 42	1 35	17 46	8 14	20 4	19 50	15 43	15 36	4 19
S 29	23 3	20 49	2 27	19 51	2 27	23 18	0 15	11 55	1 16	6 43	1 18	15 5	2 29	13 10	0 33	14 42	1 36	17 45	8 14	20 5	19 51	15 41	15 36	4 19
S 30	23n 0	21s 4	1n11	19n37	2s43	23n16	0n17	11n42	1n15	6s44	1n18	15s 5	2n28	13n11	0s33	14n42	1s36	17n45	8n14	20n 5	19n52	15n40	15s35	4n19

Julian Day Number = 2886699.5, Delta T = 01h17m35s
Ecliptic obliquity = 23°17'01, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°25'33, Lahiri = 40°32'34

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ASTRODIENST EPHEMERIS for the year 3191
geocentric

JULY 3191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 36 1	9♋45'33	1♒32	15°R34	10♋ 5	3♍ 2	20♎28	19°R22	6♉51	15♉ 2	3♍45	29°D42	0♌41	22♌52	28°R57	M 1
T 2	18 39 58	10°42'57	16°22	15♋ 3	11°19	3°37	20°31	19♏20	6°53	15° 3	3°46	29♋42	0°37	22°59	28♏54	T 2
W 3	18 43 54	11°40'20	1♓ 6	14°30	12°32	4°12	20°33	19°18	6°55	15° 5	3°47	29°43	0°34	23° 6	28°51	W 3
T 4	18 47 51	12°37'42	15°38	13°56	13°46	4°48	20°36	19°16	6°57	15° 6	3°48	29°44	0°31	23°12	28°49	T 4
F 5	18 51 47	13°35'04	29°55	13°22	15° 0	5°23	20°39	19°14	6°59	15° 7	3°50	29°45	0°28	23°19	28°47	F 5
S 6	18 55 44	14°32'26	13♈54	12°49	16°14	5°58	20°43	19°13	7° 0	15° 9	3°51	29°R46	0°25	23°26	28°44	S 6
S 7	18 59 40	15°29'47	27°34	12°16	17°27	6°34	20°46	19°11	7° 2	15°10	3°52	29°45	0°22	23°32	28°42	S 7
M 8	19 3 37	16°27'08	10♉56	11°44	18°41	7° 9	20°50	19°10	7° 4	15°11	3°53	29°44	0°18	23°39	28°40	M 8
T 9	19 7 33	17°24'29	24° 1	11°14	19°55	7°45	20°54	19° 8	7° 5	15°13	3°55	29°43	0°15	23°46	28°38	T 9
W10	19 11 30	18°21'50	6♊51	10°47	21° 9	8°20	20°57	19° 7	7° 7	15°14	3°56	29°41	0°12	23°52	28°36	W10
T 11	19 15 27	19°19'10	19°26	10°23	22°23	8°56	21° 2	19° 6	7° 9	15°15	3°58	29°40	0° 9	23°59	28°35	T 11
F 12	19 19 23	20°16'30	1♋49	10° 1	23°36	9°31	21° 6	19° 5	7°10	15°16	3°59	29°39	0° 6	24° 6	28°33	F 12
S 13	19 23 20	21°13'50	14° 1	9°44	24°50	10° 7	21°10	19° 4	7°12	15°18	4° 0	29°38	0° 3	24°12	28°31	S 13
S 14	19 27 16	22°11'09	26° 3	9°30	26° 4	10°43	21°15	19° 3	7°13	15°19	4° 2	29°D38	29♋59	24°19	28°30	S 14
M15	19 31 13	23° 8'28	7♌59	9°21	27°18	11°18	21°20	19° 2	7°14	15°20	4° 3	29°38	29°56	24°26	28°28	M15
T 16	19 35 9	24° 5'47	19°49	9°16	28°31	11°54	21°24	19° 2	7°16	15°21	4° 5	29°38	29°53	24°32	28°27	T 16
W17	19 39 6	25° 3'05	1♍37	9°D16	29°45	12°30	21°29	19° 1	7°17	15°22	4° 6	29°39	29°50	24°39	28°26	W17
T 18	19 43 2	26° 0'22	13°26	9°21	0♌59	13° 6	21°35	19° 0	7°18	15°23	4° 8	29°39	29°47	24°46	28°25	T 18
F 19	19 46 59	26°57'39	25°18	9°30	2°13	13°42	21°40	19° 0	7°19	15°24	4° 9	29°39	29°43	24°52	28°24	F 19
S 20	19 50 56	27°54'56	7♎18	9°44	3°26	14°18	21°45	19° 0	7°21	15°25	4°11	29°40	29°40	24°59	28°23	S 20
S 21	19 54 52	28°52'12	19°30	10° 3	4°40	14°54	21°51	19° 0	7°22	15°26	4°12	29°40	29°37	25° 6	28°22	S 21
M22	19 58 49	29°49'28	1♏59	10°27	5°54	15°30	21°57	18°D59	7°23	15°27	4°14	29°40	29°34	25°12	28°22	M22
T 23	20 2 45	0♌46'43	14°48	10°56	7° 8	16° 6	22° 3	18°59	7°24	15°28	4°15	29°40	29°31	25°19	28°21	T 23
W24	20 6 42	1°43'58	28° 0	11°30	8°22	16°42	22° 9	19° 0	7°25	15°29	4°17	29°40	29°28	25°26	28°20	W24
T 25	20 10 38	2°41'13	11♐39	12° 9	9°35	17°18	22°15	19° 0	7°26	15°29	4°19	29°40	29°24	25°32	28°20	T 25
F 26	20 14 35	3°38'28	25°44	12°52	10°49	17°54	22°21	19° 0	7°26	15°30	4°20	29°40	29°21	25°39	28°20	F 26
S 27	20 18 31	4°35'42	10♑14	13°40	12° 3	18°30	22°28	19° 0	7°27	15°31	4°22	29°41	29°18	25°46	28°20	S 27
S 28	20 22 28	5°32'57	25° 4	14°33	13°17	19° 6	22°34	19° 1	7°28	15°32	4°24	29°R41	29°15	25°52	28°D20	S 28
M29	20 26 25	6°30'11	10♒ 8	15°31	14°30	19°43	22°41	19° 2	7°29	15°32	4°25	29°41	29°12	25°59	28°20	M29
T 30	20 30 21	7°27'25	25°17	16°33	15°44	20°19	22°48	19° 2	7°29	15°33	4°27	29°41	29° 9	26° 6	28°20	T 30
W31	20 34 18	8♌24'40	10♓21	17♋39	16♌58	20♍55	22♎55	19♏ 3	7♉30	15♉34	4♍29	29♋40	29♋ 5	26♌12	28♏20	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n56	19s51	0s10	19n25	2s59	23n13	0n19	11n29	1n15	6s45	1n17	15s 5	2n28	13n11	0s33	14n43	1s36	17n44	8n14	20n 5	19n52	15n39	15s34	4n19
T 2	22 51	17 16	1 31	19 13	3 15	23 10	0 22	11 16	1 14	6 46	1 17	15 4	2 28	13 12	0 33	14 43	1 36	17 44	8 14	20 5	19 53	15 37	15 34	4 19
W 3	22 46	13 35	2 45	19 2	3 29	23 6	0 24	11 3	1 13	6 47	1 17	15 4	2 28	13 13	0 33	14 44	1 36	17 43	8 14	20 5	19 54	15 36	15 33	4 19
T 4	22 41	9 7	3 48	18 52	3 43	23 1	0 26	10 49	1 13	6 49	1 17	15 4	2 27	13 13	0 33	14 44	1 36	17 42	8 14	20 4	19 55	15 34	15 33	4 19
F 5	22 36	4 14	4 35	18 43	3 55	22 55	0 28	10 36	1 12	6 50	1 17	15 4	2 27	13 14	0 33	14 44	1 36	17 42	8 14	20 4	19 55	15 33	15 33	4 19
S 6	22 30	0n46	5 5	18 35	4 7	22 49	0 31	10 22	1 11	6 51	1 16	15 3	2 27	13 14	0 33	14 45	1 36	17 41	8 13	20 4	19 56	15 32	15 32	4 19
S 7	22 23	5 37	5 16	18 28	4 16	22 42	0 33	10 9	1 11	6 53	1 16	15 3	2 27	13 15	0 33	14 45	1 36	17 41	8 13	20 4	19 57	15 30	15 32	4 19
M 8	22 17	10 5	5 11	18 22	4 25	22 34	0 35	9 55	1 10	6 54	1 16	15 3	2 26	13 15	0 33	14 45	1 36	17 40	8 13	20 4	19 57	15 29	15 31	4 19
T 9	22 10	13 59	4 49	18 18	4 32	22 26	0 37	9 41	1 10	6 56	1 16	15 3	2 26	13 16	0 33	14 46	1 36	17 40	8 13	20 5	19 58	15 27	15 31	4 19
W10	22 2	17 10	4 13	18 14	4 38	22 17	0 39	9 27	1 9	6 58	1 15	15 3	2 26	13 16	0 33	14 46	1 36	17 39	8 13	20 5	19 59	15 26	15 31	4 19
T 11	21 54	19 28	3 25	18 12	4 42	22 7	0 42	9 14	1 8	7 0	1 15	15 3	2 26	13 17	0 34	14 46	1 36	17 38	8 13	20 5	19 59	15 24	15 30	4 18
F 12	21 46	20 48	2 28	18 11	4 44	21 57	0 44	9 0	1 8	7 1	1 15	15 3	2 25	13 17	0 34	14 47	1 36	17 38	8 13	20 6	20 0	15 23	15 30	4 18
S 13	21 37	21 8	1 26	18 11	4 45	21 46	0 46	8 46	1 7	7 3	1 15	15 3	2 25	13 18	0 34	14 47	1 36	17 37	8 13	20 6	20 1	15 22	15 30	4 18
S 14	21 28	20 29	0 20	18 12	4 45	21 35	0 48	8 32	1 6	7 5	1 14	15 3	2 25	13 18	0 34	14 47	1 36	17 37	8 13	20 6	20 1	15 20	15 30	4 18
M15	21 19	18 54	0n46	18 14	4 44	21 23	0 50	8 18	1 6	7 7	1 14	15 3	2 25	13 19	0 34	14 47	1 36	17 36	8 13	20 6	20 2	15 19	15 30	4 18
T 16	21 9	16 31	1 50	18 18	4 41	21 10	0 52	8 3	1 5	7 9	1 14	15 3	2 24	13 19	0 34	14 48	1 36	17 35	8 13	20 6	20 3	15 17	15 29	4 18
W17	20 59	13 27	2 49	18 22	4 36	20 57	0 54	7 49	1 4	7 11	1 14	15 3	2 24	13 19	0 34	14 48	1 36	17 35	8 13	20 6	20 3	15 16	15 29	4 18
T 18	20 49	9 52	3 40	18 27	4 31	20 43	0 55	7 35	1 4	7 13	1 13	15 3	2 24	13 20	0 34	14 48	1 36	17 34	8 12	20 6	20 4	15 14	15 29	4 18
F 19	20 38	5 53	4 23	18 33	4 25	20 28	0 57	7 21	1 3	7 15	1 13	15 3	2 24	13 20	0 34	14 48	1 36	17 33	8 12	20 5	20 5	15 13	15 29	4 18
S 20	20 27	1 38	4 54	18 39	4 17	20 13	0 59	7 6	1 3	7 18	1 13	15 3	2 23	13 21	0 34	14 49	1 37	17 33	8 12	20 5	20 5	15 11	15 29	4 17
S 21	20 15	2s45	5 13	18 46	4 9	19 57	1 1	6 52	1 2	7 20	1 13	15 4	2 23	13 21	0 34	14 49	1 37	17 32	8 12	20 5	20 6	15 10	15 29	4 17
M22	20 3	7 7	5 17	18 54	4 0	19 41	1 3	6 38	1 1	7 22	1 13	15 4	2 23	13 21	0 34	14 49	1 37	17 32	8 12	20 5	20 7	15 8	15 29	4 17
T 23	19 51	11 17	5 7	19 1	3 50	19 24	1 4	6 23	1 1	7 25	1 12	15 4	2 23	13 21	0 34	14 49	1 37	17 31	8 12	20 5	20 7	15 7	15 29	4 17
W24	19 39	15 2	4 40	19 9	3 39	19 7	1 6	6 9	1 0	7 27	1 12	15 4	2 22	13 22	0 34	14 49	1 37	17 30	8 12	20 5	20 8	15 5	15 29	4 17
T 25	19 26	18 8	3 56	19 17	3 28	18 49	1 7	5 54	1 0	7 30	1 12	15 5	2 22	13 22	0 34	14 50	1 37	17 30	8 12	20 5	20 9	15 4	15 29	4 17
F 26	19 13	20 15	2 58	19 25	3 16	18 31	1 9	5 39	0 59	7 32	1 12	15 5	2 22	13 22	0 34	14 50	1 37	17 29	8 12	20 5	20 9	15 2	15 29	4 17
S 27	18 59	21 8	1 46	19 33	3 3	18 12	1 10	5 25	0 58	7 35	1 12	15 5	2 21	13 23	0 34	14 50	1 37	17 28	8 12	20 5	20 10	15 1	15 29	4 16
S 28	18 46	20 34	0 26	19 40	2 51	17 52	1 12	5 10	0 58	7 37	1 11	15 6	2 21	13 23	0 34	14 50	1 37	17 28	8 12	20 5	20 11	14 59	15 29	4 16
M29	18 32	18 31	0s58	19 47	2 38	17 32	1 13	4 55	0 57	7 40	1 11	15 6	2 21	13 23	0 34	14 50	1 37	17 27	8 12	20 5	20 11	14 58	15 30	4 16
T 30	18 17	15 10	2 17	19 53	2 24	17 12	1 14	4 41	0 56	7 43	1 11	15 7	2 21	13 23	0 34	14 50	1 37	17 26	8 12	20 5	20 12	14 56	15 30	4 16
W31	18n 3	10s50	3s27	19n58	2s11	16n51	1n16	4n26	0n56	7s46	1n11	15s 7	2n20	13n23	0s34	14n51	1s37	17n26	8n12	20n 5	20n12	14n55	15s30	4n16

Julian Day Number = 2886729.5, Delta T = 01h17m36s
Ecliptic obliquity = 23°17'01, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°25'37, Lahiri = 40°32'38

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ASTRODIENST EPHEMERIS for the year 3191
geocentric

AUGUST 3191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 38 14	9♌21'55	25♓13	18♋51	18♌12	21♍32	23♎ 2	19♏ 4	7♉31	15♉34	4♍30	29°R39	29♋ 2	26♌19	28♏20	T 1
F 2	20 42 11	10°19'10	9♈45	20° 6	19°25	22° 8	23° 9	19° 5	7°31	15°35	4°32	29♋38	28°59	26°26	28°21	F 2
S 3	20 46 7	11°16'26	23°54	21°26	20°39	22°45	23°17	19° 6	7°32	15°35	4°34	29°37	28°56	26°32	28°21	S 3
S 4	20 50 4	12°13'42	7♉38	22°50	21°53	23°21	23°24	19° 7	7°32	15°36	4°35	29°D36	28°53	26°39	28°22	S 4
M 5	20 54 0	13°10'59	20°57	24°18	23° 7	23°58	23°32	19° 8	7°33	15°36	4°37	29°36	28°49	26°46	28°23	M 5
T 6	20 57 57	14° 8'17	3♊54	25°51	24°21	24°35	23°40	19°10	7°33	15°37	4°39	29°37	28°46	26°52	28°24	T 6
W 7	21 1 54	15° 5'35	16°32	27°27	25°34	25°11	23°48	19°11	7°33	15°37	4°41	29°38	28°43	26°59	28°25	W 7
T 8	21 5 50	16° 2'54	28°54	29° 7	26°48	25°48	23°56	19°13	7°33	15°38	4°42	29°39	28°40	27° 6	28°26	T 8
F 9	21 9 47	17° 0'14	11♋ 3	0♌51	28° 2	26°25	24° 4	19°15	7°34	15°38	4°44	29°41	28°37	27°12	28°27	F 9
S 10	21 13 43	17°57'34	23° 3	2°38	29°16	27° 1	24°12	19°16	7°34	15°38	4°46	29°41	28°34	27°19	28°28	S 10
S 11	21 17 40	18°54'54	4♌57	4°28	0♍29	27°38	24°20	19°18	7°34	15°38	4°48	29°R42	28°30	27°26	28°30	S 11
M12	21 21 36	19°52'16	16°46	6°22	1°43	28°15	24°29	19°20	7°R34	15°39	4°49	29°41	28°27	27°32	28°31	M12
T 13	21 25 33	20°49'37	28°35	8°18	2°57	28°52	24°37	19°22	7°34	15°39	4°51	29°39	28°24	27°39	28°33	T 13
W14	21 29 29	21°47'00	10♍23	10°16	4°11	29°29	24°46	19°24	7°34	15°39	4°53	29°36	28°21	27°46	28°34	W14
T 15	21 33 26	22°44'22	22°14	12°16	5°25	0♎ 6	24°55	19°27	7°34	15°39	4°55	29°32	28°18	27°52	28°36	T 15
F 16	21 37 23	23°41'46	4♎11	14°19	6°38	0°43	25° 4	19°29	7°34	15°39	4°57	29°28	28°14	27°59	28°38	F 16
S 17	21 41 19	24°39'09	16°15	16°22	7°52	1°20	25°13	19°31	7°33	15°39	4°59	29°24	28°11	28° 5	28°40	S 17
S 18	21 45 16	25°36'33	28°29	18°27	9° 6	1°57	25°22	19°34	7°33	15°39	5° 0	29°21	28° 8	28°12	28°42	S 18
M19	21 49 12	26°33'58	10♏58	20°32	10°20	2°34	25°31	19°36	7°33	15°R39	5° 2	29°19	28° 5	28°19	28°45	M19
T 20	21 53 9	27°31'23	23°43	22°38	11°33	3°11	25°40	19°39	7°32	15°39	5° 4	29°D18	28° 2	28°25	28°47	T 20
W21	21 57 5	28°28'49	6♐50	24°44	12°47	3°49	25°50	19°42	7°32	15°39	5° 6	29°18	27°59	28°32	28°49	W21
T 22	22 1 2	29°26'15	20°20	26°49	14° 1	4°26	25°59	19°45	7°32	15°39	5° 8	29°19	27°55	28°39	28°52	T 22
F 23	22 4 58	0♑23'42	4♑16	28°55	15°15	5° 3	26° 9	19°48	7°31	15°39	5°10	29°21	27°52	28°45	28°54	F 23
S 24	22 8 55	1°21'10	18°38	0♑59	16°28	5°41	26°19	19°51	7°31	15°39	5°11	29°22	27°49	28°52	28°57	S 24
S 25	22 12 52	2°18'38	3♒23	3° 3	17°42	6°18	26°28	19°54	7°30	15°39	5°13	29°R22	27°46	28°59	29° 0	S 25
M26	22 16 48	3°16'07	18°26	5° 6	18°56	6°55	26°38	19°57	7°29	15°39	5°15	29°21	27°43	29° 5	29° 3	M26
T 27	22 20 45	4°13'36	3♓40	7° 8	20°10	7°33	26°48	20° 0	7°29	15°38	5°17	29°18	27°40	29°12	29° 6	T 27
W28	22 24 41	5°11'07	18°54	9° 9	21°23	8°10	26°58	20° 4	7°28	15°38	5°19	29°14	27°36	29°19	29° 9	W28
T 29	22 28 38	6° 8'39	3♈58	11° 8	22°37	8°48	27° 8	20° 7	7°27	15°38	5°21	29° 9	27°33	29°25	29°12	T 29
F 30	22 32 34	7° 6'11	18°43	13° 6	23°51	9°25	27°19	20°11	7°26	15°37	5°22	29° 4	27°30	29°32	29°15	F 30
S 31	22 36 31	8♍ 3'45	3♉ 3	15♍ 3	25♍ 4	10♎ 3	27♎29	20♏15	7♉26	15♉37	5♍24	28♋59	27♋27	29♌39	29♏19	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n48	5s54	4s22	20n 2	1s57	16n30	1n17	4n11	0n55	7s48	1n10	15s 8	2n20	13n24	0s34	14n51	1s37	17n25	8n12	20n 6	20n13	14n53	15s30	4n16
F 2	17 32	0 44	4 58	20 6	1 43	16 8	1 18	3 56	0 55	7 51	1 10	15 8	2 20	13 24	0 34	14 51	1 37	17 25	8 12	20 6	20 14	14 52	15 31	4 15
S 3	17 17	4n19	5 15	20 7	1 29	15 46	1 19	3 41	0 54	7 54	1 10	15 9	2 20	13 24	0 34	14 51	1 37	17 24	8 12	20 6	20 14	14 50	15 31	4 15
S 4	17 1	9 0	5 14	20 8	1 15	15 23	1 20	3 26	0 53	7 57	1 10	15 9	2 19	13 24	0 34	14 51	1 37	17 23	8 12	20 6	20 15	14 49	15 31	4 15
M 5	16 45	13 7	4 55	20 6	1 1	15 0	1 21	3 11	0 53	8 0	1 10	15 10	2 19	13 24	0 34	14 51	1 37	17 23	8 12	20 6	20 16	14 47	15 31	4 15
T 6	16 29	16 30	4 22	20 3	0 48	14 37	1 22	2 56	0 52	8 3	1 9	15 10	2 19	13 24	0 34	14 51	1 37	17 22	8 12	20 6	20 16	14 46	15 32	4 15
W 7	16 12	19 1	3 37	19 58	0 34	14 13	1 23	2 41	0 52	8 6	1 9	15 11	2 19	13 24	0 34	14 51	1 38	17 21	8 12	20 6	20 17	14 44	15 32	4 15
T 8	15 55	20 34	2 42	19 51	0 21	13 49	1 24	2 26	0 51	8 9	1 9	15 12	2 18	13 24	0 34	14 51	1 38	17 21	8 12	20 5	20 18	14 42	15 33	4 14
F 9	15 38	21 9	1 41	19 42	0 9	13 24	1 25	2 11	0 50	8 12	1 9	15 12	2 18	13 24	0 34	14 51	1 38	17 20	8 12	20 5	20 18	14 41	15 33	4 14
S 10	15 21	20 44	0 37	19 30	0n 4	12 59	1 25	1 56	0 50	8 16	1 9	15 13	2 18	13 24	0 34	14 51	1 38	17 19	8 12	20 5	20 19	14 39	15 34	4 14
S 11	15 3	19 23	0n29	19 16	0 16	12 34	1 26	1 41	0 49	8 19	1 9	15 14	2 18	13 24	0 34	14 51	1 38	17 19	8 12	20 5	20 20	14 38	15 34	4 14
M12	14 46	17 11	1 33	19 0	0 27	12 8	1 26	1 26	0 49	8 22	1 8	15 15	2 17	13 24	0 34	14 51	1 38	17 18	8 12	20 5	20 20	14 36	15 34	4 14
T 13	14 28	14 17	2 33	18 41	0 37	11 42	1 27	1 11	0 48	8 25	1 8	15 15	2 17	13 24	0 34	14 51	1 38	17 17	8 12	20 6	20 21	14 35	15 35	4 13
W14	14 9	10 48	3 26	18 19	0 47	11 16	1 27	0 56	0 47	8 29	1 8	15 16	2 17	13 24	0 34	14 51	1 38	17 17	8 12	20 6	20 21	14 33	15 36	4 13
T 15	13 51	6 54	4 10	17 55	0 57	10 50	1 28	0 41	0 47	8 32	1 8	15 17	2 16	13 24	0 34	14 51	1 38	17 16	8 12	20 7	20 22	14 32	15 36	4 13
F 16	13 32	2 42	4 44	17 28	1 5	10 23	1 28	0 25	0 46	8 35	1 8	15 18	2 16	13 24	0 34	14 51	1 38	17 15	8 12	20 8	20 23	14 30	15 37	4 13
S 17	13 13	1s38	5 6	16 59	1 13	9 56	1 28	0 10	0 46	8 39	1 7	15 19	2 16	13 24	0 34	14 51	1 38	17 15	8 12	20 9	20 23	14 28	15 37	4 13
S 18	12 54	5 58	5 14	16 28	1 20	9 28	1 28	0s 5	0 45	8 42	1 7	15 20	2 16	13 24	0 34	14 51	1 38	17 14	8 12	20 9	20 24	14 27	15 38	4 12
M19	12 35	10 8	5 7	15 54	1 26	9 1	1 28	0 20	0 44	8 46	1 7	15 21	2 15	13 24	0 34	14 51	1 38	17 13	8 12	20 10	20 25	14 25	15 39	4 12
T 20	12 15	13 58	4 46	15 19	1 31	8 33	1 28	0 35	0 44	8 49	1 7	15 22	2 15	13 24	0 34	14 51	1 38	17 13	8 12	20 10	20 25	14 24	15 39	4 12
W21	11 56	17 13	4 9	14 42	1 35	8 5	1 28	0 51	0 43	8 53	1 7	15 23	2 15	13 24	0 34	14 51	1 38	17 12	8 12	20 10	20 26	14 22	15 40	4 12
T 22	11 36	19 39	3 18	14 2	1 39	7 36	1 28	1 6	0 43	8 56	1 7	15 24	2 15	13 23	0 34	14 51	1 38	17 11	8 12	20 10	20 27	14 20	15 41	4 12
F 23	11 16	21 0	2 13	13 22	1 41	7 8	1 28	1 21	0 42	9 0	1 6	15 25	2 14	13 23	0 34	14 51	1 38	17 11	8 12	20 9	20 27	14 19	15 41	4 12
S 24	10 55	21 2	0 59	12 40	1 43	6 39	1 28	1 36	0 41	9 4	1 6	15 26	2 14	13 23	0 34	14 51	1 39	17 10	8 12	20 9	20 28	14 17	15 42	4 11
S 25	10 35	19 38	0s22	11 57	1 45	6 10	1 27	1 52	0 41	9 7	1 6	15 27	2 14	13 23	0 34	14 51	1 39	17 10	8 12	20 9	20 28	14 16	15 43	4 11
M26	10 15	16 50	1 42	11 12	1 45	5 41	1 27	2 7	0 40	9 11	1 6	15 28	2 14	13 23	0 35	14 51	1 39	17 9	8 12	20 9	20 29	14 14	15 44	4 11
T 27	9 54	12 50	2 56	10 27	1 45	5 12	1 27	2 22	0 40	9 15	1 6	15 29	2 13	13 22	0 35	14 50	1 39	17 8	8 12	20 10	20 30	14 12	15 45	4 11
W28	9 33	8 1	3 58	9 42	1 44	4 43	1 26	2 37	0 39	9 18	1 6	15 30	2 13	13 22	0 35	14 50	1 39	17 8	8 12	20 11	20 30	14 11	15 45	4 11
T 29	9 12	2 45	4 42	8 55	1 42	4 13	1 25	2 53	0 38	9 22	1 6	15 31	2 13	13 22	0 35	14 50	1 39	17 7	8 12	20 12	20 31	14 9	15 46	4 10
F 30	8 51	2n34	5 6	8 8	1 40	3 44	1 25	3 8	0 38	9 26	1 5	15 32	2 13	13 22	0 35	14 50	1 39	17 6	8 12	20 13	20 32	14 7	15 47	4 10
S 31	8n30	7n35	5s10	7n21	1n37	3n14	1n24	3s23	0n37	9s30	1n 5	15s34	2n13	13n21	0s35	14n50	1s39	17n 6	8n13	20n14	20n32	14n 6	15s48	4n10

Julian Day Number = 2886760.5, Delta T = 01h17m36s
Ecliptic obliquity = 23°17'02, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°25'42, Lahiri = 40°32'42

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ASTRODIENST EPHEMERIS for the year 3191
geocentric

SEPTEMBER 3191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 40 27	9♍ 1'21	16♉55	16♍58	26♍18	10♎41	27♎39	20♏18	7°R25	15°R36	5♍26	28°R55	27♋24	29♌45	29♏22	S 1
M 2	22 44 24	9°58'58	0♊18	18°52	27°32	11°18	27°50	20°22	7♉24	15♉36	5°28	28♋53	27°20	29°52	29°26	M 2
T 3	22 48 21	10°56'36	13°15	20°44	28°45	11°56	28° 0	20°26	7°23	15°36	5°30	28°D53	27°17	29°59	29°29	T 3
W 4	22 52 17	11°54'16	25°49	22°35	29°59	12°34	28°11	20°30	7°22	15°35	5°32	28°54	27°14	0♍ 5	29°33	W 4
T 5	22 56 14	12°51'57	8♋ 5	24°25	1♎13	13°12	28°22	20°34	7°21	15°35	5°34	28°55	27°11	0°12	29°37	T 5
F 6	23 0 10	13°49'40	20° 8	26°13	2°26	13°50	28°32	20°38	7°19	15°34	5°35	28°56	27° 8	0°19	29°41	F 6
S 7	23 4 7	14°47'24	2♌ 1	27°59	3°40	14°28	28°43	20°42	7°18	15°33	5°37	28°R57	27° 5	0°25	29°45	S 7
S 8	23 8 3	15°45'10	13°50	29°44	4°54	15° 6	28°54	20°47	7°17	15°33	5°39	28°55	27° 1	0°32	29°49	S 8
M 9	23 12 0	16°42'56	25°37	1♎28	6° 7	15°44	29° 5	20°51	7°16	15°32	5°41	28°52	26°58	0°39	29°53	M 9
T 10	23 15 56	17°40'45	7♍26	3°10	7°21	16°22	29°16	20°55	7°15	15°31	5°43	28°46	26°55	0°45	29°57	T 10
W11	23 19 53	18°38'34	19°19	4°51	8°35	17° 0	29°27	21° 0	7°13	15°31	5°44	28°39	26°52	0°52	0♐ 2	W11
T 12	23 23 49	19°36'25	1♎16	6°31	9°48	17°38	29°39	21° 5	7°12	15°30	5°46	28°30	26°49	0°59	0° 6	T 12
F 13	23 27 46	20°34'18	13°21	8° 9	11° 2	18°16	29°50	21° 9	7°10	15°29	5°48	28°20	26°46	1° 5	0°11	F 13
S 14	23 31 43	21°32'11	25°34	9°46	12°16	18°54	0♏ 1	21°14	7° 9	15°28	5°50	28°10	26°42	1°12	0°15	S 14
S 15	23 35 39	22°30'06	7♏57	11°21	13°29	19°33	0°13	21°19	7° 7	15°27	5°52	28° 2	26°39	1°19	0°20	S 15
M16	23 39 36	23°28'03	20°32	12°56	14°43	20°11	0°24	21°24	7° 6	15°27	5°53	27°55	26°36	1°25	0°25	M16
T 17	23 43 32	24°26'00	3♐20	14°28	15°56	20°49	0°36	21°29	7° 4	15°26	5°55	27°51	26°33	1°32	0°30	T 17
W18	23 47 29	25°23'59	16°25	16° 0	17°10	21°28	0°47	21°34	7° 3	15°25	5°57	27°49	26°30	1°39	0°35	W18
T 19	23 51 25	26°21'59	29°50	17°30	18°24	22° 6	0°59	21°39	7° 1	15°24	5°59	27°D48	26°26	1°45	0°40	T 19
F 20	23 55 22	27°20'00	13♑35	18°59	19°37	22°45	1°11	21°44	6°59	15°23	6° 1	27°49	26°23	1°52	0°45	F 20
S 21	23 59 18	28°18'03	27°43	20°27	20°51	23°23	1°23	21°49	6°58	15°22	6° 2	27°R49	26°20	1°59	0°50	S 21
S 22	0 3 15	29°16'07	12♒13	21°53	22° 4	24° 2	1°34	21°54	6°56	15°21	6° 4	27°49	26°17	2° 6	0°55	S 22
M23	0 7 12	0♎14'12	27° 2	23°17	23°18	24°40	1°46	22° 0	6°54	15°20	6° 6	27°46	26°14	2°12	1° 0	M23
T 24	0 11 8	1°12'18	12♓ 5	24°41	24°31	25°19	1°58	22° 5	6°52	15°19	6° 7	27°40	26°11	2°19	1° 6	T 24
W25	0 15 5	2°10'26	27°12	26° 3	25°45	25°58	2°10	22°10	6°51	15°18	6° 9	27°32	26° 7	2°26	1°11	W25
T 26	0 19 1	3° 8'36	12♈15	27°23	26°58	26°36	2°22	22°16	6°49	15°16	6°11	27°23	26° 4	2°32	1°17	T 26
F 27	0 22 58	4° 6'47	27° 3	28°42	28°12	27°15	2°34	22°21	6°47	15°15	6°12	27°13	26° 1	2°39	1°22	F 27
S 28	0 26 54	5° 5'01	11♉28	29°59	29°25	27°54	2°46	22°27	6°45	15°14	6°14	27° 4	25°58	2°46	1°28	S 28
S 29	0 30 51	6° 3'16	25°26	1♏16	0♏38	28°33	2°59	22°33	6°43	15°13	6°16	26°56	25°55	2°52	1°34	S 29
M30	0 34 47	7♎ 1'33	8♊54	2♏30	1♏52	29♎12	3♏11	22♏38	6♉41	15♉12	6♍17	26♋51	25♋51	2♍59	1♐39	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n 8	12n 3	4s56	6n33	1n34	2n44	1n23	3s38	0n37	9s33	1n 5	15s35	2n12	13n21	0s35	14n50	1s39	17n 5	8n13	20n15	20n33	14n 4	15s49	4n10
M 2	7 47	15 45	4 26	5 46	1 30	2 14	1 22	3 53	0 36	9 37	1 5	15 36	2 12	13 21	0 35	14 49	1 39	17 5	8 13	20 15	20 33	14 2	15 50	4 10
T 3	7 25	18 34	3 43	4 58	1 26	1 44	1 21	4 9	0 36	9 41	1 5	15 37	2 12	13 20	0 35	14 49	1 39	17 4	8 13	20 15	20 34	14 1	15 51	4 10
W 4	7 3	20 23	2 50	4 10	1 21	1 14	1 20	4 24	0 35	9 45	1 5	15 39	2 12	13 20	0 35	14 49	1 39	17 3	8 13	20 15	20 35	13 59	15 52	4 9
T 5	6 41	21 12	1 51	3 23	1 16	0 44	1 19	4 39	0 34	9 49	1 4	15 40	2 11	13 20	0 35	14 49	1 39	17 3	8 13	20 15	20 35	13 58	15 53	4 9
F 6	6 19	21 0	0 48	2 35	1 11	0 14	1 18	4 54	0 34	9 53	1 4	15 41	2 11	13 19	0 35	14 49	1 39	17 2	8 13	20 14	20 36	13 56	15 54	4 9
S 7	5 57	19 51	0n17	1 48	1 5	0s16	1 17	5 9	0 33	9 57	1 4	15 42	2 11	13 19	0 35	14 48	1 39	17 2	8 13	20 14	20 36	13 54	15 55	4 9
S 8	5 35	17 50	1 20	1 0	0 59	0 46	1 16	5 24	0 33	10 1	1 4	15 44	2 11	13 18	0 35	14 48	1 39	17 1	8 13	20 15	20 37	13 53	15 56	4 9
M 9	5 13	15 5	2 19	0 14	0 53	1 17	1 15	5 39	0 32	10 5	1 4	15 45	2 10	13 18	0 35	14 48	1 39	17 0	8 13	20 15	20 38	13 51	15 57	4 9
T 10	4 50	11 42	3 12	0s33	0 46	1 47	1 13	5 55	0 31	10 9	1 4	15 46	2 10	13 18	0 35	14 48	1 39	17 0	8 14	20 16	20 38	13 49	15 58	4 8
W11	4 28	7 51	3 57	1 19	0 39	2 17	1 12	6 10	0 31	10 13	1 4	15 48	2 10	13 17	0 35	14 47	1 39	16 59	8 14	20 18	20 39	13 47	15 59	4 8
T 12	4 5	3 40	4 32	2 5	0 32	2 47	1 10	6 25	0 30	10 17	1 4	15 49	2 10	13 17	0 35	14 47	1 40	16 59	8 14	20 20	20 40	13 46	16 0	4 8
F 13	3 43	0s42	4 56	2 50	0 25	3 17	1 9	6 40	0 30	10 21	1 3	15 51	2 10	13 16	0 35	14 47	1 40	16 58	8 14	20 22	20 40	13 44	16 1	4 8
S 14	3 20	5 4	5 5	3 35	0 17	3 47	1 7	6 55	0 29	10 25	1 3	15 52	2 9	13 16	0 35	14 47	1 40	16 58	8 14	20 24	20 41	13 42	16 2	4 8
S 15	2 57	9 19	5 1	4 19	0 10	4 17	1 5	7 10	0 28	10 29	1 3	15 53	2 9	13 15	0 35	14 46	1 40	16 57	8 14	20 25	20 41	13 41	16 3	4 8
M16	2 35	13 13	4 43	5 3	0 2	4 47	1 4	7 24	0 28	10 33	1 3	15 55	2 9	13 15	0 35	14 46	1 40	16 57	8 14	20 27	20 42	13 39	16 4	4 8
T 17	2 12	16 36	4 9	5 46	0s 6	5 17	1 2	7 39	0 27	10 37	1 3	15 56	2 9	13 14	0 35	14 46	1 40	16 56	8 14	20 27	20 43	13 37	16 5	4 7
W18	1 49	19 14	3 23	6 28	0 14	5 47	1 0	7 54	0 27	10 41	1 3	15 58	2 9	13 14	0 35	14 45	1 40	16 56	8 15	20 28	20 43	13 36	16 6	4 7
T 19	1 26	20 53	2 24	7 10	0 22	6 16	0 58	8 9	0 26	10 46	1 3	15 59	2 8	13 13	0 35	14 45	1 40	16 55	8 15	20 28	20 44	13 34	16 7	4 7
F 20	1 3	21 21	1 15	7 52	0 31	6 46	0 56	8 24	0 26	10 50	1 3	16 1	2 8	13 13	0 35	14 45	1 40	16 55	8 15	20 28	20 44	13 32	16 9	4 7
S 21	0 40	20 28	0 1	8 32	0 39	7 15	0 54	8 38	0 25	10 54	1 3	16 2	2 8	13 12	0 35	14 45	1 40	16 54	8 15	20 28	20 45	13 30	16 10	4 7
S 22	0 17	18 14	1s16	9 12	0 47	7 44	0 52	8 53	0 24	10 58	1 2	16 4	2 8	13 11	0 35	14 44	1 40	16 53	8 15	20 28	20 46	13 29	16 11	4 7
M23	0s 6	14 45	2 29	9 51	0 56	8 13	0 50	9 8	0 24	11 2	1 2	16 5	2 8	13 11	0 35	14 44	1 40	16 53	8 15	20 28	20 46	13 27	16 12	4 7
T 24	0 29	10 16	3 33	10 30	1 4	8 42	0 48	9 22	0 23	11 6	1 2	16 7	2 7	13 10	0 35	14 43	1 40	16 53	8 16	20 30	20 47	13 25	16 13	4 7
W25	0 52	5 7	4 22	11 7	1 12	9 11	0 45	9 37	0 23	11 11	1 2	16 9	2 7	13 10	0 35	14 43	1 40	16 52	8 16	20 31	20 47	13 24	16 14	4 6
T 26	1 15	0n19	4 53	11 44	1 21	9 39	0 43	9 51	0 22	11 15	1 2	16 10	2 7	13 9	0 35	14 43	1 40	16 52	8 16	20 33	20 48	13 22	16 16	4 6
F 27	1 37	5 38	5 3	12 20	1 29	10 8	0 41	10 6	0 21	11 19	1 2	16 12	2 7	13 8	0 35	14 42	1 40	16 51	8 16	20 35	20 48	13 20	16 17	4 6
S 28	2 0	10 31	4 54	12 55	1 38	10 36	0 38	10 20	0 21	11 23	1 2	16 13	2 7	13 8	0 35	14 42	1 40	16 51	8 16	20 37	20 49	13 18	16 18	4 6
S 29	2 23	14 40	4 27	13 30	1 46	11 4	0 36	10 34	0 20	11 27	1 2	16 15	2 7	13 7	0 35	14 42	1 40	16 50	8 16	20 38	20 50	13 17	16 19	4 6
M30	2s46	17n55	3s46	14s 3	1s54	11s31	0n33	10s49	0n20	11s32	1n 2	16s16	2n 6	13n 6	0s35	14n41	1s40	16n50	8n17	20n39	20n50	13n15	16s20	4n 6

Julian Day Number = 2886791.5, Delta T = 01h17m37s
Ecliptic obliquity = 23°17'03, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°25'46, Lahiri = 40°32'46

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ASTRODIENST EPHEMERIS for the year 3191
geocentric

OCTOBER 3191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 38 44	7♎59'52	21♊54	3♏42	3♏ 5	29♎51	3♏23	22♏44	6°R39	15°R11	6♍19	26°R47	25♋48	3♍ 6	1♐45	T 1
W 2	0 42 41	8°58'13	4♋30	4°53	4°19	0♏30	3°35	22°50	6♉37	15♉ 9	6°21	26°D46	25°45	3°12	1°51	W 2
T 3	0 46 37	9°56'36	16°46	6° 2	5°32	1° 9	3°48	22°56	6°35	15° 8	6°22	26♋46	25°42	3°19	1°57	T 3
F 4	0 50 34	10°55'02	28°47	7° 8	6°45	1°48	4° 0	23° 2	6°33	15° 7	6°24	26°R47	25°39	3°26	2° 3	F 4
S 5	0 54 30	11°53'29	10♌39	8°13	7°59	2°27	4°12	23° 8	6°30	15° 5	6°25	26°46	25°36	3°32	2° 9	S 5
S 6	0 58 27	12°51'58	22°27	9°15	9°12	3° 6	4°25	23°14	6°28	15° 4	6°27	26°43	25°32	3°39	2°16	S 6
M 7	1 2 23	13°50'29	4♍15	10°15	10°25	3°45	4°37	23°20	6°26	15° 3	6°29	26°38	25°29	3°46	2°22	M 7
T 8	1 6 20	14°49'03	16° 7	11°13	11°39	4°25	4°50	23°26	6°24	15° 1	6°30	26°30	25°26	3°52	2°28	T 8
W 9	1 10 16	15°47'38	28° 6	12° 7	12°52	5° 4	5° 3	23°33	6°22	15° 0	6°32	26°19	25°23	3°59	2°34	W 9
T 10	1 14 13	16°46'15	10♎13	12°59	14° 5	5°43	5°15	23°39	6°19	14°58	6°33	26° 6	25°20	4° 6	2°41	T 10
F 11	1 18 9	17°44'54	22°30	13°47	15°19	6°23	5°28	23°45	6°17	14°57	6°35	25°52	25°17	4°12	2°47	F 11
S 12	1 22 6	18°43'35	4♏58	14°32	16°32	7° 2	5°40	23°51	6°15	14°56	6°36	25°39	25°13	4°19	2°54	S 12
S 13	1 26 3	19°42'18	17°36	15°13	17°45	7°42	5°53	23°58	6°13	14°54	6°37	25°27	25°10	4°26	3° 0	S 13
M14	1 29 59	20°41'02	0♐25	15°50	18°58	8°21	6° 6	24° 4	6°10	14°53	6°39	25°17	25° 7	4°32	3° 7	M14
T 15	1 33 56	21°39'49	13°25	16°23	20°12	9° 1	6°19	24°11	6° 8	14°51	6°40	25°10	25° 4	4°39	3°14	T 15
W16	1 37 52	22°38'37	26°38	16°51	21°25	9°40	6°31	24°17	6° 6	14°50	6°42	25° 6	25° 1	4°46	3°21	W16
T 17	1 41 49	23°37'27	10♑ 5	17°14	22°38	10°20	6°44	24°24	6° 3	14°48	6°43	25° 4	24°57	4°52	3°27	T 17
F 18	1 45 45	24°36'18	23°46	17°31	23°51	11° 0	6°57	24°30	6° 1	14°46	6°44	25° 4	24°54	4°59	3°34	F 18
S 19	1 49 42	25°35'11	7♒44	17°42	25° 4	11°40	7°10	24°37	5°59	14°45	6°46	25° 4	24°51	5° 6	3°41	S 19
S 20	1 53 38	26°34'06	21°58	17°R47	26°18	12°20	7°23	24°44	5°56	14°43	6°47	25° 2	24°48	5°12	3°48	S 20
M21	1 57 35	27°33'02	6♓28	17°45	27°31	12°59	7°36	24°50	5°54	14°42	6°48	24°59	24°45	5°19	3°55	M21
T 22	2 1 32	28°32'00	21° 9	17°36	28°44	13°39	7°48	24°57	5°51	14°40	6°50	24°52	24°42	5°26	4° 2	T 22
W23	2 5 28	29°30'59	5♈56	17°19	29°57	14°19	8° 1	25° 4	5°49	14°39	6°51	24°43	24°38	5°32	4° 9	W23
T 24	2 9 25	0♏30'01	20°41	16°54	1♐10	14°59	8°14	25°11	5°47	14°37	6°52	24°33	24°35	5°39	4°16	T 24
F 25	2 13 21	1°29'04	5♉16	16°22	2°23	15°39	8°27	25°17	5°44	14°35	6°53	24°21	24°32	5°46	4°23	F 25
S 26	2 17 18	2°28'10	19°33	15°42	3°36	16°20	8°40	25°24	5°42	14°34	6°54	24°10	24°29	5°52	4°30	S 26
S 27	2 21 14	3°27'17	3♊28	14°54	4°49	17° 0	8°53	25°31	5°39	14°32	6°56	24° 0	24°26	5°59	4°38	S 27
M28	2 25 11	4°26'27	16°56	13°59	6° 2	17°40	9° 6	25°38	5°37	14°30	6°57	23°53	24°23	6° 6	4°45	M28
T 29	2 29 7	5°25'39	29°58	12°57	7°15	18°20	9°19	25°45	5°34	14°29	6°58	23°49	24°19	6°12	4°52	T 29
W30	2 33 4	6°24'53	12♋36	11°51	8°28	19° 0	9°32	25°52	5°32	14°27	6°59	23°46	24°16	6°19	5° 0	W30
T 31	2 37 1	7♏24'10	24♋54	10♏41	9♐41	19♏41	9♏45	25♏59	5♉30	14♉25	7♍ 0	23°D46	24♋13	6♍26	5♐ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s 9	20n 8	2s54	14s35	2s 2	11s59	0n31	11s 3	0n19	11s36	1n 2	16s18	2n 6	13n 6	0s35	14n41	1s40	16n49	8n17	20n40	20n51	13n13	16s22	4n 6
W 2	3 32	21 17	1 56	15 7	2 10	12 26	0 28	11 17	0 19	11 40	1 2	16 20	2 6	13 5	0 35	14 40	1 40	16 49	8 17	20 40	20 51	13 11	16 23	4 6
T 3	3 55	21 22	0 53	15 37	2 18	12 52	0 26	11 31	0 18	11 44	1 1	16 21	2 6	13 4	0 35	14 40	1 40	16 48	8 17	20 40	20 52	13 10	16 24	4 6
F 4	4 18	20 27	0n11	16 6	2 26	13 19	0 23	11 45	0 17	11 48	1 1	16 23	2 6	13 4	0 35	14 40	1 40	16 48	8 17	20 40	20 53	13 8	16 25	4 6
S 5	4 40	18 37	1 13	16 34	2 33	13 45	0 21	11 59	0 17	11 53	1 1	16 25	2 6	13 3	0 35	14 39	1 41	16 48	8 18	20 40	20 53	13 6	16 27	4 6
S 6	5 3	16 1	2 12	17 1	2 41	14 11	0 18	12 13	0 16	11 57	1 1	16 26	2 5	13 2	0 35	14 39	1 41	16 47	8 18	20 41	20 54	13 4	16 28	4 6
M 7	5 26	12 45	3 5	17 27	2 48	14 37	0 15	12 27	0 16	12 1	1 1	16 28	2 5	13 2	0 35	14 38	1 41	16 47	8 18	20 42	20 54	13 2	16 29	4 5
T 8	5 48	8 58	3 50	17 52	2 54	15 2	0 13	12 40	0 15	12 5	1 1	16 30	2 5	13 1	0 35	14 38	1 41	16 47	8 18	20 43	20 55	13 1	16 30	4 5
W 9	6 11	4 49	4 25	18 15	3 1	15 27	0 10	12 54	0 14	12 10	1 1	16 31	2 5	13 0	0 35	14 38	1 41	16 46	8 18	20 45	20 55	12 59	16 32	4 5
T 10	6 33	0 25	4 49	18 36	3 7	15 51	0 7	13 8	0 14	12 14	1 1	16 33	2 5	12 59	0 35	14 37	1 41	16 46	8 19	20 48	20 56	12 57	16 33	4 5
F 11	6 55	4s 4	5 0	18 57	3 13	16 15	0 4	13 21	0 13	12 18	1 1	16 35	2 5	12 59	0 35	14 37	1 41	16 45	8 19	20 50	20 57	12 55	16 34	4 5
S 12	7 17	8 26	4 56	19 15	3 18	16 39	0 1	13 34	0 13	12 22	1 1	16 36	2 5	12 58	0 35	14 36	1 41	16 45	8 19	20 53	20 57	12 54	16 35	4 5
S 13	7 40	12 31	4 38	19 32	3 23	17 2	0s 2	13 48	0 12	12 27	1 1	16 38	2 4	12 57	0 35	14 36	1 41	16 45	8 19	20 55	20 58	12 52	16 37	4 5
M14	8 2	16 5	4 6	19 47	3 28	17 25	0 4	14 1	0 12	12 31	1 1	16 40	2 4	12 56	0 35	14 35	1 41	16 44	8 20	20 57	20 58	12 50	16 38	4 5
T 15	8 23	18 56	3 21	20 0	3 31	17 48	0 7	14 14	0 11	12 35	1 1	16 41	2 4	12 56	0 35	14 35	1 41	16 44	8 20	20 58	20 59	12 48	16 39	4 5
W16	8 45	20 50	2 24	20 11	3 34	18 10	0 10	14 27	0 10	12 39	1 1	16 43	2 4	12 55	0 35	14 34	1 41	16 44	8 20	20 59	20 59	12 46	16 41	4 5
T 17	9 7	21 36	1 18	20 20	3 37	18 31	0 13	14 40	0 10	12 43	1 0	16 45	2 4	12 54	0 35	14 34	1 41	16 44	8 20	20 59	21 0	12 45	16 42	4 5
F 18	9 28	21 6	0 7	20 26	3 38	18 53	0 16	14 53	0 9	12 48	1 0	16 46	2 4	12 53	0 35	14 33	1 41	16 43	8 20	20 59	21 1	12 43	16 43	4 5
S 19	9 50	19 17	1s 6	20 30	3 39	19 13	0 19	15 6	0 9	12 52	1 0	16 48	2 4	12 53	0 35	14 33	1 41	16 43	8 21	20 59	21 1	12 41	16 44	4 5
S 20	10 11	16 15	2 17	20 31	3 38	19 33	0 22	15 19	0 8	12 56	1 0	16 50	2 3	12 52	0 35	14 32	1 41	16 43	8 21	20 59	21 2	12 39	16 46	4 5
M21	10 32	12 11	3 20	20 29	3 36	19 53	0 25	15 31	0 7	13 0	1 0	16 51	2 3	12 51	0 35	14 32	1 41	16 42	8 21	21 0	21 2	12 37	16 47	4 5
T 22	10 53	7 20	4 11	20 23	3 34	20 12	0 28	15 44	0 7	13 4	1 0	16 53	2 3	12 50	0 35	14 32	1 41	16 42	8 21	21 1	21 3	12 35	16 48	4 5
W23	11 14	2 1	4 45	20 14	3 29	20 31	0 31	15 56	0 6	13 9	1 0	16 55	2 3	12 49	0 35	14 31	1 41	16 42	8 22	21 3	21 3	12 34	16 49	4 5
T 24	11 34	3n23	5 0	20 1	3 23	20 49	0 34	16 8	0 6	13 13	1 0	16 57	2 3	12 49	0 35	14 31	1 41	16 42	8 22	21 4	21 4	12 32	16 51	4 5
F 25	11 55	8 33	4 55	19 45	3 16	21 6	0 37	16 20	0 5	13 17	1 0	16 58	2 3	12 48	0 35	14 30	1 41	16 42	8 22	21 7	21 5	12 30	16 52	4 5
S 26	12 15	13 8	4 32	19 24	3 6	21 23	0 40	16 32	0 5	13 21	1 0	17 0	2 3	12 47	0 35	14 30	1 41	16 41	8 23	21 8	21 5	12 28	16 53	4 5
S 27	12 35	16 54	3 53	19 0	2 55	21 40	0 43	16 44	0 4	13 25	1 0	17 2	2 3	12 46	0 35	14 29	1 41	16 41	8 23	21 10	21 6	12 26	16 54	4 5
M28	12 55	19 38	3 2	18 31	2 42	21 56	0 46	16 56	0 3	13 29	1 0	17 3	2 3	12 45	0 35	14 29	1 41	16 41	8 23	21 11	21 6	12 24	16 56	4 5
T 29	13 15	21 14	2 3	17 59	2 28	22 11	0 49	17 8	0 3	13 33	1 0	17 5	2 3	12 45	0 35	14 28	1 41	16 41	8 23	21 12	21 7	12 22	16 57	4 5
W30	13 34	21 43	0 59	17 23	2 12	22 25	0 52	17 19	0 2	13 37	1 0	17 7	2 2	12 44	0 35	14 28	1 41	16 41	8 24	21 12	21 7	12 21	16 58	4 5
T 31	13s54	21n 7	0n 6	16s44	1s54	22s39	0s55	17s31	0n 2	13s42	1n 0	17s 9	2n 2	12n43	0s35	14n27	1s41	16n40	8n24	21n13	21n 8	12n19	16s59	4n 5

Julian Day Number = 2886821.5, Delta T = 01h17m38s
Ecliptic obliquity = 23°17'03, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°25'50, Lahiri = 40°32'50

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3191
geocentric

NOVEMBER 3191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 40 57	8♏23'28	6♌57	9°R29	10♐54	20♏21	9♏58	26♏ 6	5°R27	14°R24	7♍ 1	23°R46	24♋10	6♍33	5♐14	F 1
S 2	2 44 54	9°22'49	18°50	8♏17	12° 7	21° 2	10°11	26°13	5♉25	14♉22	7° 2	23♋46	24° 7	6°39	5°22	S 2
S 3	2 48 50	10°22'12	0♍40	7° 7	13°20	21°42	10°24	26°20	5°22	14°20	7° 3	23°44	24° 3	6°46	5°29	S 3
M 4	2 52 47	11°21'37	12°29	6° 1	14°32	22°23	10°37	26°27	5°20	14°19	7° 4	23°40	24° 0	6°53	5°37	M 4
T 5	2 56 43	12°21'05	24°25	5° 1	15°45	23° 3	10°50	26°34	5°17	14°17	7° 5	23°33	23°57	6°59	5°44	T 5
W 6	3 0 40	13°20'34	6♎29	4° 9	16°58	23°44	11° 3	26°41	5°15	14°15	7° 6	23°24	23°54	7° 6	5°52	W 6
T 7	3 4 36	14°20'06	18°46	3°26	18°11	24°25	11°16	26°48	5°13	14°14	7° 7	23°12	23°51	7°13	6° 0	T 7
F 8	3 8 33	15°19'40	1♏16	2°53	19°24	25° 6	11°29	26°56	5°10	14°12	7° 8	23° 0	23°48	7°19	6° 7	F 8
S 9	3 12 30	16°19'16	14° 0	2°31	20°36	25°46	11°42	27° 3	5° 8	14°10	7° 9	22°48	23°44	7°26	6°15	S 9
S 10	3 16 26	17°18'54	26°58	2°D20	21°49	26°27	11°55	27°10	5° 6	14° 9	7° 9	22°37	23°41	7°33	6°22	S 10
M11	3 20 23	18°18'33	10♐ 8	2°21	23° 2	27° 8	12° 8	27°17	5° 3	14° 7	7°10	22°28	23°38	7°39	6°30	M11
T 12	3 24 19	19°18'15	23°30	2°33	24°15	27°49	12°21	27°24	5° 1	14° 5	7°11	22°22	23°35	7°46	6°38	T 12
W13	3 28 16	20°17'59	7♑ 1	2°55	25°27	28°30	12°34	27°32	4°59	14° 4	7°12	22°18	23°32	7°53	6°46	W13
T 14	3 32 12	21°17'44	20°42	3°27	26°40	29°11	12°47	27°39	4°56	14° 2	7°12	22°D17	23°28	7°59	6°53	T 14
F 15	3 36 9	22°17'31	4♒32	4° 8	27°53	29°52	13° 0	27°46	4°54	14° 0	7°13	22°18	23°25	8° 6	7° 1	F 15
S 16	3 40 5	23°17'19	18°30	4°57	29° 5	0♐33	13°13	27°53	4°52	13°59	7°14	22°R18	23°22	8°13	7° 9	S 16
S 17	3 44 2	24°17'09	2♓36	5°53	0♑18	1°15	13°26	28° 0	4°49	13°57	7°14	22°18	23°19	8°19	7°17	S 17
M18	3 47 59	25°17'00	16°50	6°55	1°30	1°56	13°39	28° 8	4°47	13°55	7°15	22°16	23°16	8°26	7°25	M18
T 19	3 51 55	26°16'53	1♈ 9	8° 4	2°43	2°37	13°51	28°15	4°45	13°54	7°16	22°12	23°13	8°33	7°32	T 19
W20	3 55 52	27°16'48	15°29	9°17	3°55	3°18	14° 4	28°22	4°43	13°52	7°16	22° 5	23° 9	8°39	7°40	W20
T 21	3 59 48	28°16'44	29°47	10°34	5° 7	4° 0	14°17	28°29	4°41	13°50	7°17	21°57	23° 6	8°46	7°48	T 21
F 22	4 3 45	29°16'42	13♉57	11°55	6°20	4°41	14°30	28°37	4°38	13°49	7°17	21°48	23° 3	8°53	7°56	F 22
S 23	4 7 41	0♐16'41	27°53	13°19	7°32	5°23	14°43	28°44	4°36	13°47	7°18	21°39	23° 0	9° 0	8° 4	S 23
S 24	4 11 38	1°16'43	11♊32	14°46	8°44	6° 4	14°56	28°51	4°34	13°46	7°18	21°32	22°57	9° 6	8°12	S 24
M25	4 15 34	2°16'46	24°50	16°14	9°57	6°46	15° 8	28°58	4°32	13°44	7°19	21°27	22°54	9°13	8°20	M25
T 26	4 19 31	3°16'52	7♋47	17°44	11° 9	7°28	15°21	29° 6	4°30	13°43	7°19	21°24	22°50	9°20	8°28	T 26
W27	4 23 28	4°16'59	20°23	19°16	12°21	8° 9	15°34	29°13	4°28	13°41	7°19	21°D23	22°47	9°26	8°35	W27
T 28	4 27 24	5°17'08	2♌42	20°49	13°33	8°51	15°46	29°20	4°26	13°39	7°20	21°23	22°44	9°33	8°43	T 28
F 29	4 31 21	6°17'19	14°46	22°23	14°45	9°33	15°59	29°27	4°24	13°38	7°20	21°25	22°41	9°40	8°51	F 29
S 30	4 35 17	7♐17'32	26♌41	23♏57	15♑57	10♐15	16♏12	29♏35	4♉22	13♉36	7♍20	21♋26	22♋38	9♍46	8♐59	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s13	19n32	1n 9	16s 3	1s35	22s53	0s57	17s42	0n 1	13s46	1n 0	17s10	2n 2	12n42	0s35	14n27	1s41	16n40	8n24	21n12	21n 8	12n17	17s 1	4n 5
S 2	14 31	17 7	2 9	15 21	1 15	23 6	1 0	17 53	0 1	13 50	1 0	17 12	2 2	12 41	0 35	14 26	1 41	16 40	8 24	21 13	21 9	12 15	17 2	4 5
S 3	14 50	14 1	3 3	14 39	0 54	23 18	1 3	18 4	0s 0	13 54	1 0	17 14	2 2	12 41	0 35	14 26	1 41	16 40	8 25	21 13	21 10	12 13	17 3	4 5
M 4	15 8	10 21	3 48	13 58	0 34	23 29	1 6	18 15	0 1	13 58	1 0	17 15	2 2	12 40	0 35	14 25	1 41	16 40	8 25	21 14	21 10	12 11	17 4	4 5
T 5	15 27	6 15	4 24	13 19	0 13	23 40	1 9	18 26	0 1	14 2	1 0	17 17	2 2	12 39	0 35	14 25	1 41	16 40	8 25	21 15	21 11	12 9	17 6	4 6
W 6	15 45	1 52	4 49	12 43	0n 7	23 50	1 12	18 37	0 2	14 6	1 0	17 19	2 2	12 38	0 35	14 24	1 41	16 40	8 26	21 16	21 11	12 8	17 7	4 6
T 7	16 2	2s39	5 1	12 11	0 25	24 0	1 14	18 47	0 2	14 10	1 0	17 20	2 2	12 37	0 35	14 24	1 41	16 40	8 26	21 18	21 12	12 6	17 8	4 6
F 8	16 20	7 9	4 59	11 43	0 43	24 9	1 17	18 58	0 3	14 14	1 0	17 22	2 2	12 37	0 35	14 23	1 41	16 40	8 26	21 20	21 12	12 4	17 9	4 6
S 9	16 37	11 27	4 42	11 20	0 59	24 17	1 20	19 8	0 4	14 18	1 0	17 24	2 2	12 36	0 35	14 23	1 41	16 40	8 26	21 22	21 13	12 2	17 10	4 6
S 10	16 54	15 17	4 10	11 3	1 14	24 24	1 23	19 18	0 4	14 22	1 0	17 25	2 2	12 35	0 35	14 22	1 41	16 40	8 27	21 24	21 13	12 0	17 11	4 6
M11	17 10	18 27	3 25	10 51	1 27	24 31	1 25	19 28	0 5	14 26	1 0	17 27	2 2	12 34	0 35	14 22	1 41	16 40	8 27	21 26	21 14	11 58	17 13	4 6
T 12	17 26	20 40	2 27	10 45	1 38	24 37	1 28	19 38	0 5	14 30	1 0	17 29	2 2	12 34	0 35	14 21	1 41	16 40	8 27	21 27	21 14	11 56	17 14	4 6
W13	17 42	21 45	1 21	10 44	1 47	24 43	1 30	19 48	0 6	14 34	1 0	17 30	2 1	12 33	0 35	14 21	1 41	16 40	8 28	21 27	21 15	11 54	17 15	4 6
T 14	17 58	21 34	0 8	10 47	1 55	24 47	1 33	19 57	0 6	14 38	1 0	17 32	2 1	12 32	0 35	14 20	1 41	16 40	8 28	21 27	21 16	11 52	17 16	4 6
F 15	18 13	20 3	1s 5	10 55	2 1	24 51	1 35	20 6	0 7	14 41	1 0	17 34	2 1	12 31	0 35	14 20	1 41	16 40	8 28	21 27	21 16	11 50	17 17	4 7
S 16	18 28	17 20	2 15	11 7	2 5	24 55	1 38	20 16	0 8	14 45	1 0	17 35	2 1	12 31	0 35	14 19	1 41	16 40	8 29	21 27	21 17	11 48	17 18	4 7
S 17	18 43	13 34	3 18	11 22	2 8	24 57	1 40	20 25	0 8	14 49	1 0	17 37	2 1	12 30	0 35	14 19	1 41	16 40	8 29	21 27	21 17	11 47	17 19	4 7
M18	18 58	9 0	4 10	11 41	2 10	24 59	1 42	20 33	0 9	14 53	1 0	17 39	2 1	12 29	0 35	14 18	1 41	16 40	8 29	21 27	21 18	11 45	17 21	4 7
T 19	19 12	3 55	4 45	12 2	2 11	25 0	1 45	20 42	0 9	14 57	1 0	17 40	2 1	12 28	0 35	14 18	1 41	16 40	8 29	21 28	21 18	11 43	17 22	4 7
W20	19 25	1n23	5 4	12 25	2 11	25 0	1 47	20 51	0 10	15 0	1 0	17 42	2 1	12 28	0 35	14 17	1 41	16 40	8 30	21 29	21 19	11 41	17 23	4 7
T 21	19 39	6 35	5 3	12 51	2 10	25 0	1 49	20 59	0 10	15 4	1 0	17 43	2 1	12 27	0 35	14 17	1 41	16 40	8 30	21 31	21 19	11 39	17 24	4 7
F 22	19 52	11 24	4 43	13 17	2 8	24 59	1 51	21 7	0 11	15 8	1 0	17 45	2 1	12 26	0 35	14 16	1 41	16 40	8 30	21 32	21 20	11 37	17 25	4 8
S 23	20 5	15 32	4 7	13 45	2 5	24 57	1 53	21 15	0 12	15 12	1 0	17 47	2 1	12 26	0 35	14 16	1 41	16 40	8 31	21 33	21 20	11 35	17 26	4 8
S 24	20 17	18 45	3 18	14 14	2 1	24 55	1 55	21 23	0 12	15 15	1 0	17 48	2 1	12 25	0 35	14 16	1 41	16 40	8 31	21 34	21 21	11 33	17 27	4 8
M25	20 29	20 53	2 18	14 43	1 57	24 52	1 57	21 31	0 13	15 19	1 0	17 50	2 1	12 24	0 35	14 15	1 41	16 40	8 31	21 35	21 21	11 31	17 28	4 8
T 26	20 41	21 51	1 13	15 12	1 53	24 48	1 59	21 38	0 13	15 23	1 0	17 51	2 1	12 24	0 35	14 15	1 41	16 41	8 32	21 36	21 22	11 29	17 29	4 8
W27	20 52	21 40	0 5	15 42	1 48	24 43	2 1	21 45	0 14	15 26	1 0	17 53	2 1	12 23	0 35	14 14	1 41	16 41	8 32	21 36	21 22	11 27	17 30	4 9
T 28	21 3	20 25	1n 1	16 12	1 42	24 38	2 2	21 52	0 14	15 30	1 0	17 54	2 1	12 22	0 35	14 14	1 41	16 41	8 32	21 36	21 23	11 25	17 31	4 9
F 29	21 13	18 16	2 3	16 41	1 36	24 32	2 4	21 59	0 15	15 34	1 0	17 56	2 1	12 22	0 35	14 13	1 41	16 41	8 33	21 36	21 23	11 23	17 32	4 9
S 30	21s23	15n21	2n59	17s11	1n30	24s25	2s 5	22s 6	0s16	15s37	1n 0	17s57	2n 1	12n21	0s35	14n13	1s41	16n41	8n33	21n35	21n24	11n21	17s33	4n 9

Julian Day Number = 2886852.5, Delta T = 01h17m38s
Ecliptic obliquity = 23°17'03, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°25'54, Lahiri = 40°32'55

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ASTRODIENST EPHEMERIS for the year 3191
geocentric

DECEMBER 3191 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 39 14	8♐17'47	8♍32	25♏32	17♑ 9	10♐57	16♏24	29♏42	4°R20	13°R35	7♍21	21°R27	22♋34	9♍53	9♐ 7	S 1
M 2	4 43 10	9°18'04	20°23	27° 7	18°21	11°39	16°37	29°49	4♉18	13♉33	7°21	21♋26	22°31	10° 0	9°15	M 2
T 3	4 47 7	10°18'22	2♎20	28°43	19°33	12°21	16°49	29°56	4°17	13°32	7°21	21°23	22°28	10° 6	9°23	T 3
W 4	4 51 3	11°18'43	14°27	0♐18	20°45	13° 3	17° 2	0♐ 3	4°15	13°30	7°21	21°19	22°25	10°13	9°31	W 4
T 5	4 55 0	12°19'05	26°48	1°54	21°57	13°45	17°14	0°10	4°13	13°29	7°21	21°13	22°22	10°20	9°39	T 5
F 6	4 58 57	13°19'29	9♏27	3°30	23° 9	14°27	17°26	0°18	4°11	13°28	7°21	21° 6	22°19	10°26	9°47	F 6
S 7	5 2 53	14°19'55	22°24	5° 6	24°20	15° 9	17°39	0°25	4°10	13°26	7°21	21° 0	22°15	10°33	9°55	S 7
S 8	5 6 50	15°20'23	5♐39	6°42	25°32	15°51	17°51	0°32	4° 8	13°25	7°21	20°54	22°12	10°40	10° 2	S 8
M 9	5 10 46	16°20'52	19°11	8°18	26°44	16°34	18° 3	0°39	4° 6	13°24	7°R21	20°49	22° 9	10°47	10°10	M 9
T 10	5 14 43	17°21'23	2♑58	9°53	27°55	17°16	18°15	0°46	4° 5	13°22	7°21	20°46	22° 6	10°53	10°18	T 10
W11	5 18 39	18°21'55	16°56	11°29	29° 7	17°59	18°27	0°53	4° 3	13°21	7°21	20°D45	22° 3	11° 0	10°26	W11
T 12	5 22 36	19°22'29	1♒ 3	13° 4	0♒18	18°41	18°40	1° 0	4° 2	13°20	7°21	20°45	22° 0	11° 7	10°34	T 12
F 13	5 26 32	20°23'04	15°13	14°39	1°30	19°24	18°52	1° 7	4° 0	13°18	7°21	20°46	21°56	11°13	10°42	F 13
S 14	5 30 29	21°23'39	29°26	16°14	2°41	20° 6	19° 4	1°14	3°59	13°17	7°21	20°48	21°53	11°20	10°50	S 14
S 15	5 34 26	22°24'16	13♓38	17°49	3°52	20°49	19°16	1°21	3°57	13°16	7°21	20°49	21°50	11°27	10°57	S 15
M16	5 38 22	23°24'54	27°48	19°24	5° 3	21°31	19°27	1°28	3°56	13°15	7°21	20°R49	21°47	11°33	11° 5	M16
T 17	5 42 19	24°25'33	11♈53	20°59	6°14	22°14	19°39	1°35	3°55	13°13	7°21	20°48	21°44	11°40	11°13	T 17
W18	5 46 15	25°26'12	25°52	22°33	7°25	22°57	19°51	1°42	3°53	13°12	7°20	20°46	21°40	11°47	11°21	W18
T 19	5 50 12	26°26'53	9♉43	24° 8	8°36	23°40	20° 3	1°48	3°52	13°11	7°20	20°42	21°37	11°53	11°28	T 19
F 20	5 54 8	27°27'35	23°24	25°42	9°47	24°23	20°14	1°55	3°51	13°10	7°20	20°39	21°34	12° 0	11°36	F 20
S 21	5 58 5	28°28'18	6♊52	27°17	10°58	25° 5	20°26	2° 2	3°50	13° 9	7°19	20°35	21°31	12° 7	11°44	S 21
S 22	6 2 2	29°29'02	20° 7	28°51	12° 8	25°48	20°37	2° 9	3°49	13° 8	7°19	20°32	21°28	12°14	11°51	S 22
M23	6 5 58	0♑29'47	3♋ 6	0♑25	13°19	26°31	20°49	2°15	3°48	13° 7	7°19	20°30	21°25	12°20	11°59	M23
T 24	6 9 55	1°30'33	15°49	1°59	14°29	27°14	21° 0	2°22	3°47	13° 6	7°18	20°D30	21°21	12°27	12° 7	T 24
W25	6 13 51	2°31'21	28°18	3°33	15°40	27°58	21°11	2°29	3°46	13° 5	7°18	20°30	21°18	12°34	12°14	W25
T 26	6 17 48	3°32'09	10♌32	5° 7	16°50	28°41	21°23	2°35	3°45	13° 4	7°17	20°31	21°15	12°40	12°22	T 26
F 27	6 21 44	4°32'59	22°35	6°41	18° 0	29°24	21°34	2°42	3°44	13° 3	7°17	20°32	21°12	12°47	12°29	F 27
S 28	6 25 41	5°33'50	4♍30	8°16	19°10	0♑ 7	21°45	2°48	3°43	13° 2	7°16	20°33	21° 9	12°54	12°37	S 28
S 29	6 29 37	6°34'42	16°21	9°50	20°20	0°50	21°56	2°55	3°43	13° 1	7°16	20°35	21° 6	13° 0	12°44	S 29
M30	6 33 34	7°35'35	28°12	11°24	21°30	1°34	22° 7	3° 1	3°42	13° 1	7°15	20°35	21° 2	13° 7	12°52	M30
T 31	6 37 31	8♑36'29	10♎ 8	12♑58	22♒39	2♑17	22♏18	3♐ 8	3♉41	13♉ 0	7♍15	20°R36	20♋59	13♍14	12♐59	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s33	11n50	3n48	17s39	1n24	24s17	2s 7	22s12	0s16	15s41	1n 0	17s59	2n 1	12n20	0s35	14n13	1s41	16n41	8n33	21n35	21n24	11n19	17s34	4n 9
M 2	21 42	7 52	4 26	18 8	1 18	24 9	2 8	22 19	0 17	15 44	1 0	18 0	2 1	12 20	0 35	14 12	1 41	16 42	8 34	21 35	21 25	11 17	17 35	4 10
T 3	21 51	3 34	4 53	18 35	1 11	24 0	2 10	22 25	0 17	15 48	1 0	18 2	2 1	12 19	0 34	14 12	1 41	16 42	8 34	21 36	21 25	11 15	17 36	4 10
W 4	21 59	0s55	5 8	19 2	1 4	23 51	2 11	22 31	0 18	15 51	1 0	18 3	2 1	12 19	0 34	14 11	1 41	16 42	8 34	21 36	21 26	11 13	17 37	4 10
T 5	22 7	5 28	5 9	19 28	0 58	23 41	2 12	22 36	0 18	15 54	1 0	18 5	2 1	12 18	0 34	14 11	1 41	16 42	8 34	21 37	21 27	11 11	17 38	4 10
F 6	22 15	9 53	4 55	19 53	0 51	23 30	2 13	22 42	0 19	15 58	1 0	18 6	2 1	12 18	0 34	14 10	1 41	16 43	8 35	21 38	21 27	11 9	17 38	4 11
S 7	22 22	13 58	4 25	20 18	0 44	23 18	2 14	22 47	0 20	16 1	1 0	18 8	2 1	12 17	0 34	14 10	1 41	16 43	8 35	21 39	21 28	11 7	17 39	4 11
S 8	22 29	17 29	3 41	20 41	0 37	23 6	2 15	22 52	0 20	16 5	1 0	18 9	2 1	12 16	0 34	14 10	1 41	16 43	8 35	21 40	21 28	11 5	17 40	4 11
M 9	22 35	20 8	2 44	21 4	0 29	22 54	2 16	22 57	0 21	16 8	1 0	18 11	2 1	12 16	0 34	14 9	1 41	16 43	8 36	21 41	21 29	11 3	17 41	4 11
T 10	22 41	21 39	1 36	21 25	0 22	22 40	2 16	23 2	0 21	16 11	1 0	18 12	2 1	12 15	0 34	14 9	1 41	16 44	8 36	21 42	21 29	11 1	17 42	4 12
W11	22 47	21 52	0 21	21 46	0 15	22 26	2 17	23 6	0 22	16 15	1 0	18 14	2 1	12 15	0 34	14 9	1 41	16 44	8 36	21 42	21 30	10 59	17 43	4 12
T 12	22 52	20 43	0s56	22 5	0 8	22 11	2 17	23 11	0 22	16 18	1 0	18 15	2 1	12 15	0 34	14 8	1 41	16 44	8 37	21 42	21 30	10 57	17 44	4 12
F 13	22 56	18 14	2 10	22 23	0 1	21 56	2 18	23 15	0 23	16 21	1 0	18 16	2 1	12 14	0 34	14 8	1 40	16 45	8 37	21 41	21 31	10 55	17 44	4 12
S 14	23 0	14 40	3 16	22 40	0s 6	21 40	2 18	23 19	0 24	16 24	1 0	18 18	2 1	12 14	0 34	14 8	1 40	16 45	8 37	21 41	21 31	10 53	17 45	4 13
S 15	23 4	10 15	4 10	22 56	0 12	21 24	2 18	23 22	0 24	16 27	1 1	18 19	2 1	12 13	0 34	14 7	1 40	16 45	8 38	21 41	21 32	10 51	17 46	4 13
M16	23 7	5 18	4 49	23 11	0 19	21 7	2 18	23 26	0 25	16 30	1 1	18 20	2 1	12 13	0 34	14 7	1 40	16 46	8 38	21 41	21 32	10 49	17 47	4 13
T 17	23 10	0 6	5 10	23 25	0 26	20 50	2 18	23 29	0 25	16 34	1 1	18 22	2 1	12 12	0 34	14 7	1 40	16 46	8 38	21 41	21 33	10 47	17 47	4 14
W18	23 12	5n 4	5 13	23 37	0 32	20 31	2 18	23 32	0 26	16 37	1 1	18 23	2 1	12 12	0 34	14 6	1 40	16 46	8 39	21 42	21 33	10 45	17 48	4 14
T 19	23 14	9 56	4 57	23 48	0 39	20 13	2 18	23 34	0 26	16 40	1 1	18 24	2 1	12 12	0 34	14 6	1 40	16 47	8 39	21 42	21 34	10 43	17 49	4 14
F 20	23 16	14 14	4 24	23 58	0 45	19 54	2 18	23 37	0 27	16 43	1 1	18 26	2 2	12 11	0 34	14 6	1 40	16 47	8 39	21 43	21 34	10 41	17 49	4 15
S 21	23 17	17 44	3 38	24 7	0 51	19 34	2 17	23 39	0 28	16 46	1 1	18 27	2 2	12 11	0 34	14 5	1 40	16 48	8 39	21 43	21 35	10 39	17 50	4 15
S 22	23 17	20 16	2 40	24 14	0 57	19 14	2 17	23 41	0 28	16 49	1 1	18 28	2 2	12 11	0 34	14 5	1 40	16 48	8 40	21 44	21 35	10 37	17 51	4 15
M23	23 17	21 40	1 35	24 20	1 3	18 53	2 16	23 43	0 29	16 52	1 1	18 29	2 2	12 10	0 34	14 5	1 40	16 48	8 40	21 44	21 36	10 35	17 51	4 16
T 24	23 17	21 56	0 26	24 25	1 9	18 32	2 15	23 44	0 29	16 54	1 1	18 31	2 2	12 10	0 34	14 5	1 40	16 49	8 40	21 44	21 36	10 33	17 52	4 16
W25	23 16	21 4	0n43	24 29	1 15	18 11	2 14	23 46	0 30	16 57	1 1	18 32	2 2	12 10	0 34	14 4	1 40	16 49	8 41	21 44	21 37	10 31	17 53	4 16
T 26	23 14	19 14	1 49	24 31	1 20	17 49	2 13	23 47	0 30	17 0	1 1	18 33	2 2	12 9	0 34	14 4	1 40	16 50	8 41	21 44	21 37	10 29	17 53	4 17
F 27	23 12	16 33	2 48	24 32	1 25	17 26	2 12	23 48	0 31	17 3	1 1	18 34	2 2	12 9	0 34	14 4	1 40	16 50	8 41	21 44	21 38	10 27	17 54	4 17
S 28	23 10	13 13	3 40	24 32	1 30	17 3	2 11	23 48	0 31	17 6	1 1	18 35	2 2	12 9	0 34	14 4	1 40	16 51	8 42	21 43	21 38	10 25	17 54	4 18
S 29	23 7	9 23	4 22	24 30	1 35	16 40	2 10	23 49	0 32	17 8	1 2	18 36	2 2	12 9	0 34	14 4	1 40	16 51	8 42	21 43	21 39	10 23	17 55	4 18
M30	23 4	5 12	4 53	24 27	1 39	16 16	2 8	23 49	0 32	17 11	1 2	18 38	2 2	12 8	0 34	14 3	1 40	16 52	8 42	21 43	21 39	10 21	17 55	4 18
T 31	23s 0	0n48	5n12	24s23	1s44	15s52	2s 7	23s49	0s33	17s14	1n 2	18s39	2n 2	12n 8	0s34	14n 3	1s40	16n52	8n42	21n43	21n39	10n19	17s56	4n19

Julian Day Number = 2886882.5, Delta T = 01h17m39s
Ecliptic obliquity = 23°17'03, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°25'58, Lahiri = 40°32'59

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ASTRODIENST EPHEMERIS for the year 3192
geocentric

JANUARY 3192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 41 27	9♑37'25	22♎14	14♑33	23♒49	3♑ 1	22♏28	3♐14	3°R41	12°R59	7°R14	20°R35	20♋56	13♍20	13♐ 7	W 1
T 2	6 45 24	10°38'21	4♏35	16° 7	24°58	3°44	22°39	3°20	3♉40	12♉58	7♍13	20♋35	20°53	13°27	13°14	T 2
F 3	6 49 20	11°39'19	17°13	17°42	26° 8	4°28	22°50	3°26	3°40	12°58	7°13	20°33	20°50	13°34	13°21	F 3
S 4	6 53 17	12°40'18	0♐14	19°17	27°17	5°11	23° 0	3°33	3°39	12°57	7°12	20°32	20°46	13°41	13°28	S 4
S 5	6 57 13	13°41'17	13°37	20°52	28°26	5°55	23°11	3°39	3°39	12°56	7°11	20°31	20°43	13°47	13°36	S 5
M 6	7 1 10	14°42'18	27°23	22°26	29°35	6°39	23°21	3°45	3°38	12°56	7°10	20°31	20°40	13°54	13°43	M 6
T 7	7 5 6	15°43'19	11♑30	24° 1	0♓43	7°23	23°31	3°51	3°38	12°55	7°10	20°30	20°37	14° 1	13°50	T 7
W 8	7 9 3	16°44'21	25°54	25°37	1°52	8° 6	23°41	3°57	3°38	12°55	7° 9	20°D30	20°34	14° 7	13°57	W 8
T 9	7 13 0	17°45'24	10♒30	27°12	3° 0	8°50	23°51	4° 3	3°38	12°54	7° 8	20°30	20°31	14°14	14° 4	T 9
F 10	7 16 56	18°46'27	25°10	28°47	4° 9	9°34	24° 1	4° 9	3°38	12°54	7° 7	20°31	20°27	14°21	14°11	F 10
S 11	7 20 53	19°47'30	9♓48	0♒22	5°17	10°18	24°11	4°14	3°37	12°53	7° 6	20°31	20°24	14°27	14°18	S 11
S 12	7 24 49	20°48'33	24°19	1°58	6°25	11° 2	24°21	4°20	3°D37	12°53	7° 5	20°R31	20°21	14°34	14°25	S 12
M13	7 28 46	21°49'37	8♈39	3°33	7°32	11°46	24°30	4°26	3°37	12°52	7° 4	20°31	20°18	14°41	14°32	M13
T 14	7 32 42	22°50'40	22°45	5° 8	8°40	12°30	24°40	4°32	3°37	12°52	7° 4	20°D31	20°15	14°47	14°38	T 14
W15	7 36 39	23°51'44	6♉34	6°43	9°47	13°14	24°49	4°37	3°38	12°52	7° 3	20°31	20°12	14°54	14°45	W15
T 16	7 40 35	24°52'48	20° 8	8°17	10°54	13°58	24°59	4°43	3°38	12°51	7° 2	20°31	20° 8	15° 1	14°52	T 16
F 17	7 44 32	25°53'51	3♊26	9°52	12° 1	14°43	25° 8	4°48	3°38	12°51	7° 1	20°32	20° 5	15° 8	14°58	F 17
S 18	7 48 29	26°54'55	16°30	11°26	13° 8	15°27	25°17	4°53	3°38	12°51	7° 0	20°32	20° 2	15°14	15° 5	S 18
S 19	7 52 25	27°55'59	29°20	12°59	14°14	16°11	25°26	4°59	3°39	12°51	6°59	20°33	19°59	15°21	15°12	S 19
M20	7 56 22	28°57'03	11♋57	14°31	15°20	16°56	25°35	5° 4	3°39	12°51	6°57	20°33	19°56	15°28	15°18	M20
T 21	8 0 18	29°58'07	24°23	16° 3	16°26	17°40	25°44	5° 9	3°39	12°50	6°56	20°R33	19°52	15°34	15°24	T 21
W22	8 4 15	0♒59'11	6♌38	17°33	17°32	18°24	25°52	5°14	3°40	12°50	6°55	20°33	19°49	15°41	15°31	W22
T 23	8 8 11	2° 0'16	18°45	19° 2	18°37	19° 9	26° 1	5°19	3°40	12°50	6°54	20°32	19°46	15°48	15°37	T 23
F 24	8 12 8	3° 1'20	0♍44	20°29	19°42	19°53	26° 9	5°24	3°41	12°D50	6°53	20°30	19°43	15°54	15°43	F 24
S 25	8 16 4	4° 2'24	12°37	21°54	20°47	20°38	26°18	5°29	3°42	12°50	6°52	20°28	19°40	16° 1	15°49	S 25
S 26	8 20 1	5° 3'29	24°28	23°16	21°52	21°23	26°26	5°34	3°42	12°50	6°51	20°26	19°37	16° 8	15°56	S 26
M27	8 23 58	6° 4'34	6♎19	24°35	22°56	22° 7	26°34	5°39	3°43	12°51	6°50	20°24	19°33	16°15	16° 2	M27
T 28	8 27 54	7° 5'38	18°14	25°51	24° 0	22°52	26°42	5°43	3°44	12°51	6°48	20°22	19°30	16°21	16° 8	T 28
W29	8 31 51	8° 6'43	0♏17	27° 2	25° 4	23°37	26°49	5°48	3°45	12°51	6°47	20°21	19°27	16°28	16°13	W29
T 30	8 35 47	9° 7'48	12°33	28° 8	26° 7	24°21	26°57	5°52	3°46	12°51	6°46	20°D21	19°24	16°35	16°19	T 30
F 31	8 39 44	10♒ 8'54	25♏ 7	29♒ 9	27♓10	25♑ 6	27♏ 5	5♐57	3♉46	12♉51	6♍45	20♋21	19♋21	16♍41	16♐25	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s56	3s42	5n17	24s17	1s48	15s28	2s 5	23s49	0s34	17s16	1n 2	18s40	2n 2	12n 8	0s34	14n 3	1s40	16n53	8n43	21n43	21n40	10n17	17s56	4n19
T 2	22 52	8 8	5 8	24 10	1 52	15 3	2 3	23 48	0 34	17 19	1 2	18 41	2 2	12 8	0 34	14 3	1 40	16 53	8 43	21 43	21 40	10 15	17 57	4 20
F 3	22 47	12 20	4 43	24 1	1 55	14 38	2 1	23 47	0 35	17 22	1 2	18 42	2 3	12 8	0 34	14 3	1 40	16 54	8 43	21 43	21 41	10 12	17 57	4 20
S 4	22 41	16 5	4 4	23 52	1 58	14 12	1 59	23 46	0 35	17 24	1 2	18 43	2 3	12 8	0 34	14 2	1 40	16 54	8 44	21 44	21 41	10 10	17 58	4 20
S 5	22 35	19 8	3 11	23 41	2 1	13 46	1 57	23 45	0 36	17 27	1 2	18 44	2 3	12 8	0 33	14 2	1 39	16 55	8 44	21 44	21 42	10 8	17 58	4 21
M 6	22 29	21 11	2 5	23 28	2 4	13 20	1 55	23 43	0 36	17 29	1 2	18 45	2 3	12 7	0 33	14 2	1 39	16 55	8 44	21 44	21 42	10 6	17 58	4 21
T 7	22 22	21 58	0 50	23 14	2 6	12 54	1 52	23 42	0 37	17 32	1 2	18 46	2 3	12 7	0 33	14 2	1 39	16 56	8 44	21 44	21 43	10 4	17 59	4 22
W 8	22 15	21 19	0s30	22 59	2 8	12 27	1 50	23 40	0 37	17 34	1 2	18 47	2 3	12 7	0 33	14 2	1 39	16 56	8 45	21 44	21 43	10 2	17 59	4 22
T 9	22 7	19 14	1 49	22 43	2 10	12 0	1 47	23 37	0 38	17 36	1 3	18 48	2 3	12 7	0 33	14 2	1 39	16 57	8 45	21 44	21 44	10 0	18 0	4 23
F 10	21 59	15 53	3 1	22 25	2 11	11 33	1 44	23 35	0 38	17 39	1 3	18 49	2 3	12 7	0 33	14 2	1 39	16 58	8 45	21 44	21 44	9 58	18 0	4 23
S 11	21 50	11 34	4 1	22 5	2 12	11 5	1 41	23 32	0 39	17 41	1 3	18 50	2 3	12 7	0 33	14 2	1 39	16 58	8 45	21 44	21 45	9 56	18 0	4 24
S 12	21 41	6 36	4 45	21 45	2 12	10 37	1 38	23 29	0 39	17 43	1 3	18 51	2 3	12 7	0 33	14 2	1 39	16 59	8 46	21 44	21 45	9 54	18 1	4 24
M13	21 32	1 21	5 11	21 23	2 12	10 9	1 35	23 26	0 40	17 45	1 3	18 52	2 4	12 7	0 33	14 2	1 39	16 59	8 46	21 44	21 46	9 52	18 1	4 24
T 14	21 22	3n52	5 17	21 0	2 12	9 41	1 31	23 22	0 41	17 48	1 3	18 53	2 4	12 7	0 33	14 1	1 39	17 0	8 46	21 44	21 46	9 49	18 1	4 25
W15	21 12	8 49	5 5	20 35	2 11	9 13	1 28	23 19	0 41	17 50	1 3	18 54	2 4	12 7	0 33	14 1	1 39	17 0	8 46	21 44	21 47	9 47	18 1	4 25
T 16	21 1	13 13	4 36	20 10	2 10	8 44	1 24	23 15	0 42	17 52	1 3	18 55	2 4	12 8	0 33	14 1	1 39	17 1	8 47	21 44	21 47	9 45	18 2	4 26
F 17	20 50	16 54	3 53	19 43	2 8	8 15	1 21	23 11	0 42	17 54	1 3	18 55	2 4	12 8	0 33	14 1	1 39	17 2	8 47	21 44	21 48	9 43	18 2	4 26
S 18	20 38	19 39	2 58	19 15	2 5	7 46	1 17	23 6	0 43	17 56	1 4	18 56	2 4	12 8	0 33	14 1	1 39	17 2	8 47	21 44	21 48	9 41	18 2	4 27
S 19	20 26	21 22	1 55	18 45	2 2	7 17	1 13	23 1	0 43	17 58	1 4	18 57	2 4	12 8	0 33	14 1	1 39	17 3	8 47	21 43	21 48	9 39	18 2	4 27
M20	20 14	21 58	0 48	18 15	1 58	6 48	1 9	22 56	0 44	18 0	1 4	18 58	2 4	12 8	0 33	14 1	1 39	17 4	8 48	21 43	21 49	9 37	18 2	4 28
T 21	20 2	21 27	0n21	17 44	1 53	6 19	1 4	22 51	0 44	18 2	1 4	18 59	2 5	12 8	0 33	14 1	1 39	17 4	8 48	21 43	21 49	9 35	18 2	4 29
W22	19 49	19 55	1 28	17 11	1 48	5 49	1 0	22 46	0 45	18 4	1 4	18 59	2 5	12 8	0 33	14 1	1 39	17 5	8 48	21 43	21 50	9 32	18 3	4 29
T 23	19 35	17 29	2 30	16 38	1 42	5 20	0 56	22 40	0 45	18 6	1 4	19 0	2 5	12 9	0 33	14 1	1 39	17 5	8 48	21 44	21 50	9 30	18 3	4 30
F 24	19 21	14 20	3 25	16 5	1 35	4 50	0 51	22 34	0 46	18 7	1 4	19 1	2 5	12 9	0 33	14 2	1 38	17 6	8 49	21 44	21 51	9 28	18 3	4 30
S 25	19 7	10 38	4 10	15 30	1 28	4 20	0 46	22 28	0 46	18 9	1 4	19 2	2 5	12 9	0 33	14 2	1 38	17 7	8 49	21 44	21 51	9 26	18 3	4 31
S 26	18 53	6 32	4 44	14 56	1 19	3 50	0 41	22 22	0 47	18 11	1 5	19 2	2 5	12 9	0 33	14 2	1 38	17 7	8 49	21 45	21 52	9 24	18 3	4 31
M27	18 38	2 12	5 6	14 21	1 10	3 21	0 36	22 15	0 47	18 13	1 5	19 3	2 5	12 10	0 33	14 2	1 38	17 8	8 49	21 45	21 52	9 22	18 3	4 32
T 28	18 23	2s14	5 16	13 46	1 0	2 51	0 31	22 9	0 48	18 14	1 5	19 4	2 6	12 10	0 33	14 2	1 38	17 9	8 49	21 45	21 53	9 20	18 3	4 32
W29	18 7	6 38	5 11	13 11	0 49	2 21	0 26	22 2	0 48	18 16	1 5	19 4	2 6	12 10	0 33	14 2	1 38	17 9	8 50	21 45	21 53	9 17	18 3	4 33
T 30	17 51	10 51	4 52	12 37	0 37	1 51	0 20	21 54	0 49	18 18	1 5	19 5	2 6	12 11	0 33	14 2	1 38	17 10	8 50	21 45	21 54	9 15	18 3	4 34
F 31	17s35	14s43	4n20	12s 4	0s23	1s21	0s15	21s47	0s49	18s19	1n 5	19s 6	2n 6	12n11	0s33	14n 2	1s38	17n11	8n50	21n45	21n54	9n13	18s 3	4n34

Julian Day Number = 2886913.5, Delta T = 01h17m40s
Ecliptic obliquity = 23°17'03, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°26'03, Lahiri = 40°33'03

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ASTRODIENST EPHEMERIS for the year 3192
geocentric

FEBRUARY 3192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 43 40	11♒ 9'59	8♐ 2	0♓ 3	28♓13	25♑51	27♏12	6♐ 1	3♉47	12♉52	6°R43	20♋23	19♋18	16♍48	16♐31	S 1
S 2	8 47 37	12°11'04	21°22	0°50	29°15	26°36	27°19	6° 5	3°48	12°52	6♍42	20°24	19°14	16°55	16°36	S 2
M 3	8 51 33	13°12'09	5♑ 8	1°28	0♈17	27°21	27°26	6°10	3°50	12°52	6°41	20°26	19°11	17° 1	16°42	M 3
T 4	8 55 30	14°13'14	19°22	1°57	1°18	28° 6	27°33	6°14	3°51	12°53	6°39	20°R26	19° 8	17° 8	16°47	T 4
W 5	8 59 27	15°14'19	3♒59	2°16	2°19	28°51	27°40	6°18	3°52	12°53	6°38	20°26	19° 5	17°15	16°53	W 5
T 6	9 3 23	16°15'24	18°54	2°R24	3°20	29°36	27°47	6°22	3°53	12°54	6°37	20°24	19° 2	17°22	16°58	T 6
F 7	9 7 20	17°16'27	3♓59	2°21	4°20	0♒21	27°53	6°26	3°54	12°54	6°35	20°21	18°58	17°28	17° 3	F 7
S 8	9 11 16	18°17'31	19° 5	2° 7	5°20	1° 7	27°59	6°29	3°56	12°55	6°34	20°17	18°55	17°35	17° 8	S 8
S 9	9 15 13	19°18'33	4♈ 1	1°41	6°20	1°52	28° 6	6°33	3°57	12°55	6°33	20°12	18°52	17°42	17°13	S 9
M10	9 19 9	20°19'35	18°41	1° 3	7°19	2°37	28°12	6°37	3°59	12°56	6°31	20° 9	18°49	17°48	17°18	M10
T 11	9 23 6	21°20'35	3♉ 0	0°15	8°17	3°22	28°18	6°40	4° 0	12°56	6°30	20° 6	18°46	17°55	17°23	T 11
W12	9 27 2	22°21'35	16°54	29♒18	9°15	4° 8	28°23	6°44	4° 2	12°57	6°29	20°D 5	18°43	18° 2	17°28	W12
T 13	9 30 59	23°22'34	0♊24	28°13	10°12	4°53	28°29	6°47	4° 3	12°58	6°27	20° 5	18°39	18° 8	17°33	T 13
F 14	9 34 56	24°23'32	13°32	27° 2	11° 9	5°38	28°34	6°50	4° 5	12°58	6°26	20° 6	18°36	18°15	17°38	F 14
S 15	9 38 52	25°24'29	26°20	25°47	12° 5	6°24	28°40	6°53	4° 6	12°59	6°24	20° 8	18°33	18°22	17°42	S 15
S 16	9 42 49	26°25'25	8♋53	24°31	13° 1	7° 9	28°45	6°56	4° 8	13° 0	6°23	20° 9	18°30	18°29	17°47	S 16
M17	9 46 45	27°26'20	21°13	23°16	13°56	7°55	28°50	6°59	4°10	13° 1	6°22	20°R10	18°27	18°35	17°51	M17
T 18	9 50 42	28°27'14	3♌24	22° 4	14°50	8°40	28°55	7° 2	4°12	13° 2	6°20	20° 9	18°24	18°42	17°55	T 18
W19	9 54 38	29°28'07	15°27	20°57	15°44	9°26	28°59	7° 5	4°14	13° 3	6°19	20° 6	18°20	18°49	17°59	W19
T 20	9 58 35	0♓28'59	27°24	19°55	16°37	10°11	29° 4	7° 8	4°15	13° 4	6°17	20° 1	18°17	18°55	18° 4	T 20
F 21	10 2 31	1°29'50	9♍18	19° 1	17°29	10°57	29° 8	7°10	4°17	13° 4	6°16	19°54	18°14	19° 2	18° 8	F 21
S 22	10 6 28	2°30'40	21°10	18°15	18°21	11°43	29°12	7°13	4°19	13° 5	6°14	19°46	18°11	19° 9	18°12	S 22
S 23	10 10 25	3°31'29	3♎ 2	17°38	19°11	12°29	29°16	7°15	4°21	13° 6	6°13	19°37	18° 8	19°16	18°15	S 23
M24	10 14 21	4°32'17	14°55	17° 9	20° 1	13°14	29°20	7°17	4°23	13° 8	6°11	19°28	18° 4	19°22	18°19	M24
T 25	10 18 18	5°33'04	26°51	16°48	20°50	14° 0	29°23	7°19	4°25	13° 9	6°10	19°21	18° 1	19°29	18°23	T 25
W26	10 22 14	6°33'50	8♏55	16°36	21°39	14°46	29°27	7°21	4°28	13°10	6° 9	19°15	17°58	19°36	18°26	W26
T 27	10 26 11	7°34'36	21° 9	16°D32	22°26	15°32	29°30	7°23	4°30	13°11	6° 7	19°11	17°55	19°42	18°30	T 27
F 28	10 30 7	8°35'20	3♐38	16°35	23°12	16°18	29°33	7°25	4°32	13°12	6° 6	19°D 9	17°52	19°49	18°33	F 28
S 29	10 34 4	9♓36'04	16♐26	16♒45	23♈58	17♒ 4	29♏36	7♐27	4♉34	13♉13	6♍ 4	19♋10	17♋49	19♍56	18♐37	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s19	18s 0	3n33	11s32	0s 9	0s51	0s 9	21s39	0s50	18s21	1n 5	19s 6	2n 6	12n11	0s33	14n 2	1s38	17n11	8n50	21n45	21n54	9n11	18s 3	4n35
S 2	17 2	20 27	2 33	11 1	0n 6	0 21	0 3	21 31	0 50	18 22	1 5	19 7	2 6	12 12	0 33	14 2	1 38	17 12	8 50	21 45	21 55	9 9	18 3	4 35
M 3	16 45	21 48	1 23	10 33	0 21	0n 9	0n 3	21 23	0 51	18 24	1 6	19 7	2 6	12 12	0 32	14 3	1 38	17 12	8 51	21 45	21 55	9 7	18 3	4 36
T 4	16 27	21 48	0 6	10 7	0 38	0 39	0 9	21 14	0 51	18 25	1 6	19 8	2 7	12 13	0 32	14 3	1 38	17 13	8 51	21 44	21 56	9 4	18 3	4 37
W 5	16 10	20 20	1s14	9 44	0 55	1 9	0 15	21 6	0 51	18 26	1 6	19 8	2 7	12 13	0 32	14 3	1 38	17 14	8 51	21 45	21 56	9 2	18 3	4 37
T 6	15 52	17 26	2 30	9 25	1 13	1 38	0 21	20 57	0 52	18 28	1 6	19 9	2 7	12 13	0 32	14 3	1 38	17 14	8 51	21 45	21 57	9 0	18 2	4 38
F 7	15 33	13 21	3 37	9 9	1 31	2 8	0 27	20 48	0 52	18 29	1 6	19 9	2 7	12 14	0 32	14 3	1 38	17 15	8 51	21 45	21 57	8 58	18 2	4 38
S 8	15 15	8 25	4 28	8 57	1 49	2 38	0 34	20 39	0 53	18 30	1 6	19 10	2 7	12 14	0 32	14 4	1 38	17 16	8 51	21 46	21 58	8 56	18 2	4 39
S 9	14 56	3 1	5 1	8 50	2 7	3 7	0 41	20 29	0 53	18 32	1 6	19 10	2 7	12 15	0 32	14 4	1 38	17 16	8 52	21 46	21 58	8 53	18 2	4 40
M10	14 37	2n27	5 13	8 47	2 24	3 37	0 47	20 19	0 54	18 33	1 7	19 11	2 8	12 15	0 32	14 4	1 38	17 17	8 52	21 47	21 58	8 51	18 2	4 40
T 11	14 18	7 39	5 5	8 49	2 40	4 6	0 54	20 9	0 54	18 34	1 7	19 11	2 8	12 16	0 32	14 4	1 37	17 18	8 52	21 47	21 59	8 49	18 2	4 41
W12	13 58	12 18	4 40	8 55	2 54	4 35	1 1	19 59	0 55	18 35	1 7	19 11	2 8	12 16	0 32	14 5	1 37	17 18	8 52	21 48	21 59	8 47	18 1	4 42
T 13	13 38	16 12	3 59	9 6	3 7	5 4	1 8	19 49	0 55	18 36	1 7	19 12	2 8	12 17	0 32	14 5	1 37	17 19	8 52	21 48	22 0	8 45	18 1	4 42
F 14	13 18	19 11	3 7	9 20	3 17	5 33	1 16	19 38	0 56	18 37	1 7	19 12	2 8	12 18	0 32	14 5	1 37	17 20	8 52	21 47	22 0	8 42	18 1	4 43
S 15	12 58	21 8	2 6	9 37	3 25	6 1	1 23	19 27	0 56	18 38	1 7	19 12	2 8	12 18	0 32	14 5	1 37	17 20	8 52	21 47	22 1	8 40	18 1	4 44
S 16	12 38	21 58	1 1	9 57	3 31	6 30	1 30	19 16	0 56	18 39	1 8	19 13	2 9	12 19	0 32	14 6	1 37	17 21	8 53	21 47	22 1	8 38	18 0	4 44
M17	12 17	21 43	0n 6	10 18	3 34	6 58	1 38	19 5	0 57	18 40	1 8	19 13	2 9	12 19	0 32	14 6	1 37	17 22	8 53	21 47	22 1	8 36	18 0	4 45
T 18	11 56	20 26	1 11	10 40	3 35	7 26	1 46	18 54	0 57	18 41	1 8	19 13	2 9	12 20	0 32	14 6	1 37	17 22	8 53	21 47	22 2	8 34	18 0	4 46
W19	11 35	18 13	2 13	11 3	3 33	7 54	1 54	18 42	0 58	18 42	1 8	19 14	2 9	12 21	0 32	14 7	1 37	17 23	8 53	21 47	22 2	8 31	18 0	4 46
T 20	11 14	15 15	3 8	11 26	3 29	8 22	2 1	18 30	0 58	18 43	1 8	19 14	2 9	12 21	0 32	14 7	1 37	17 24	8 53	21 48	22 3	8 29	17 59	4 47
F 21	10 52	11 39	3 55	11 48	3 23	8 49	2 9	18 19	0 59	18 43	1 8	19 14	2 10	12 22	0 32	14 7	1 37	17 24	8 53	21 49	22 3	8 27	17 59	4 48
S 22	10 31	7 38	4 31	12 9	3 16	9 16	2 18	18 6	0 59	18 44	1 9	19 14	2 10	12 23	0 32	14 8	1 37	17 25	8 53	21 50	22 4	8 25	17 58	4 48
S 23	10 9	3 19	4 55	12 28	3 7	9 43	2 26	17 54	0 59	18 45	1 9	19 15	2 10	12 23	0 32	14 8	1 37	17 25	8 53	21 52	22 4	8 23	17 58	4 49
M24	9 47	1s 7	5 7	12 46	2 57	10 10	2 34	17 41	1 0	18 45	1 9	19 15	2 10	12 24	0 32	14 8	1 37	17 26	8 53	21 53	22 4	8 20	17 58	4 50
T 25	9 25	5 32	5 5	13 3	2 47	10 36	2 43	17 29	1 0	18 46	1 9	19 15	2 10	12 25	0 32	14 9	1 37	17 27	8 53	21 54	22 5	8 18	17 57	4 51
W26	9 3	9 47	4 50	13 17	2 35	11 2	2 51	17 16	1 0	18 47	1 9	19 15	2 10	12 26	0 32	14 9	1 37	17 27	8 54	21 55	22 5	8 16	17 57	4 51
T 27	8 40	13 43	4 22	13 30	2 23	11 27	3 0	17 3	1 1	18 47	1 9	19 15	2 11	12 26	0 32	14 9	1 37	17 28	8 54	21 55	22 6	8 14	17 56	4 52
F 28	8 18	17 8	3 40	13 41	2 11	11 53	3 8	16 50	1 1	18 48	1 10	19 15	2 11	12 27	0 32	14 10	1 37	17 28	8 54	21 56	22 6	8 11	17 56	4 53
S 29	7s55	19s50	2n47	13s50	1n59	12n18	3n17	16s36	1s 2	18s48	1n10	19s15	2n11	12n28	0s32	14n10	1s37	17n29	8n54	21n56	22n 6	8n 9	17s56	4n53

Julian Day Number = 2886944.5, Delta T = 01h17m40s
Ecliptic obliquity = 23°17'03, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°26'07, Lahiri = 40°33'07

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ASTRODIENST EPHEMERIS for the year 3192
geocentric

MARCH 3192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 38 0	10♓36'47	29♐36	17♒ 1	24♈42	17♒49	29♏39	7♐29	4♉37	13♉14	6°R 3	19♋11	17♋45	20♍ 2	18♐40	S 1
M 2	10 41 57	11°37'29	13♉13	17°24	25°25	18°35	29°41	7°30	4°39	13°16	6♍ 1	19°R12	17°42	20° 9	18°43	M 2
T 3	10 45 54	12°38'10	27°19	17°52	26° 8	19°21	29°44	7°32	4°41	13°17	6° 0	19°11	17°39	20°16	18°46	T 3
W 4	10 49 50	13°38'50	11♒52	18°25	26°49	20° 8	29°46	7°33	4°44	13°18	5°58	19° 9	17°36	20°23	18°49	W 4
T 5	10 53 47	14°39'28	26°49	19° 3	27°29	20°54	29°48	7°34	4°46	13°20	5°57	19° 5	17°33	20°29	18°52	T 5
F 6	10 57 43	15°40'05	12♓ 3	19°45	28° 8	21°40	29°50	7°36	4°49	13°21	5°56	18°58	17°30	20°36	18°54	F 6
S 7	11 1 40	16°40'41	27°23	20°31	28°45	22°26	29°51	7°37	4°51	13°22	5°54	18°49	17°26	20°43	18°57	S 7
S 8	11 5 36	17°41'16	12♈38	21°21	29°21	23°12	29°53	7°38	4°54	13°24	5°53	18°40	17°23	20°49	18°59	S 8
M 9	11 9 33	18°41'49	27°37	22°14	29°56	23°58	29°54	7°39	4°56	13°25	5°51	18°31	17°20	20°56	19° 2	M 9
T 10	11 13 29	19°42'20	12♉12	23°10	0♉30	24°44	29°55	7°39	4°59	13°27	5°50	18°24	17°17	21° 3	19° 4	T 10
W11	11 17 26	20°42'49	26°18	24°10	1° 2	25°31	29°56	7°40	5° 1	13°28	5°49	18°19	17°14	21°10	19° 6	W11
T 12	11 21 23	21°43'17	9♊56	25°11	1°32	26°17	29°57	7°40	5° 4	13°30	5°47	18°16	17°10	21°16	19° 8	T 12
F 13	11 25 19	22°43'43	23° 5	26°16	2° 1	27° 3	29°57	7°41	5° 7	13°31	5°46	18°D15	17° 7	21°23	19°10	F 13
S 14	11 29 16	23°44'08	5♋51	27°22	2°28	27°49	29°57	7°41	5°10	13°33	5°44	18°16	17° 4	21°30	19°12	S 14
S 15	11 33 12	24°44'30	18°17	28°31	2°53	28°36	29°R58	7°41	5°12	13°35	5°43	18°R16	17° 1	21°36	19°14	S 15
M16	11 37 9	25°44'50	0♌29	29°42	3°17	29°22	29°58	7°42	5°15	13°36	5°42	18°16	16°58	21°43	19°15	M16
T 17	11 41 5	26°45'09	12°30	0♓54	3°38	0♓ 8	29°57	7°R42	5°18	13°38	5°40	18°13	16°55	21°50	19°17	T 17
W18	11 45 2	27°45'26	24°25	2° 9	3°58	0°55	29°57	7°42	5°21	13°40	5°39	18° 7	16°51	21°57	19°18	W18
T 19	11 48 58	28°45'41	6♍17	3°25	4°16	1°41	29°56	7°41	5°24	13°41	5°38	17°59	16°48	22° 3	19°20	T 19
F 20	11 52 55	29°45'54	18° 8	4°42	4°31	2°28	29°55	7°41	5°27	13°43	5°36	17°48	16°45	22°10	19°21	F 20
S 21	11 56 51	0♈46'05	29°59	6° 2	4°45	3°14	29°54	7°41	5°30	13°45	5°35	17°35	16°42	22°17	19°22	S 21
S 22	12 0 48	1°46'15	11♎54	7°22	4°56	4° 1	29°53	7°40	5°33	13°47	5°34	17°21	16°39	22°23	19°23	S 22
M23	12 4 45	2°46'23	23°52	8°45	5° 6	4°47	29°52	7°40	5°36	13°48	5°33	17° 7	16°35	22°30	19°24	M23
T 24	12 8 41	3°46'29	5♏56	10° 8	5°12	5°33	29°50	7°39	5°39	13°50	5°31	16°54	16°32	22°37	19°25	T 24
W25	12 12 38	4°46'34	18° 6	11°33	5°17	6°20	29°48	7°38	5°42	13°52	5°30	16°44	16°29	22°43	19°25	W25
T 26	12 16 34	5°46'37	0♐25	12°59	5°R19	7° 7	29°47	7°37	5°45	13°54	5°29	16°37	16°26	22°50	19°26	T 26
F 27	12 20 31	6°46'39	12°56	14°27	5°19	7°53	29°44	7°36	5°48	13°56	5°28	16°32	16°23	22°57	19°27	F 27
S 28	12 24 27	7°46'39	25°42	15°56	5°16	8°40	29°42	7°35	5°51	13°58	5°26	16°30	16°20	23° 4	19°27	S 28
S 29	12 28 24	8°46'37	8♑47	17°26	5°11	9°26	29°40	7°34	5°54	14° 0	5°25	16°30	16°16	23°10	19°27	S 29
M30	12 32 20	9°46'35	22°14	18°57	5° 3	10°13	29°37	7°33	5°57	14° 2	5°24	16°30	16°13	23°17	19°27	M30
T 31	12 36 17	10♈46'30	6♒ 7	20♓30	4♉53	11♓ 0	29♏34	7♐31	6♉ 0	14♉ 4	5♍23	16♋29	16♋10	23♍24	19°R27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s32	21s34	1n43	13s57	1n46	12n42	3n26	16s23	1s 2	18s48	1n10	19s16	2n11	12n29	0s32	14n11	1s37	17n30	8n54	21n55	22n 7	8n 7	17s55	4n54
M 2	7 10	22 6	0 32	14 2	1 34	13 6	3 35	16 9	1 2	18 49	1 10	19 16	2 11	12 29	0 32	14 11	1 36	17 30	8 54	21 55	22 7	8 5	17 55	4 55
T 3	6 47	21 16	0s44	14 5	1 21	13 30	3 44	15 55	1 3	18 49	1 10	19 16	2 12	12 30	0 32	14 11	1 36	17 31	8 54	21 55	22 8	8 2	17 54	4 56
W 4	6 23	19 1	1 59	14 7	1 9	13 54	3 53	15 41	1 3	18 49	1 10	19 16	2 12	12 31	0 32	14 12	1 36	17 31	8 54	21 56	22 8	8 0	17 54	4 56
T 5	6 0	15 26	3 7	14 6	0 57	14 17	4 2	15 26	1 3	18 50	1 11	19 16	2 12	12 32	0 32	14 12	1 36	17 32	8 54	21 56	22 9	7 58	17 53	4 57
F 6	5 37	10 46	4 4	14 4	0 46	14 39	4 11	15 12	1 4	18 50	1 11	19 16	2 12	12 33	0 31	14 13	1 36	17 33	8 54	21 57	22 9	7 56	17 53	4 58
S 7	5 14	5 23	4 44	14 1	0 34	15 1	4 20	14 58	1 4	18 50	1 11	19 16	2 12	12 34	0 31	14 13	1 36	17 33	8 54	21 58	22 9	7 53	17 52	4 59
S 8	4 50	0n18	5 3	13 56	0 23	15 23	4 30	14 43	1 4	18 50	1 11	19 16	2 13	12 35	0 31	14 14	1 36	17 34	8 54	22 0	22 10	7 51	17 51	4 59
M 9	4 27	5 52	5 1	13 49	0 12	15 44	4 39	14 28	1 5	18 50	1 11	19 16	2 13	12 35	0 31	14 14	1 36	17 34	8 54	22 1	22 10	7 49	17 51	5 0
T 10	4 3	10 58	4 39	13 41	0 2	16 4	4 48	14 13	1 5	18 50	1 11	19 16	2 13	12 36	0 31	14 15	1 36	17 35	8 54	22 2	22 11	7 46	17 50	5 1
W11	3 39	15 18	4 1	13 31	0s 9	16 24	4 58	13 58	1 5	18 50	1 12	19 15	2 13	12 37	0 31	14 15	1 36	17 35	8 54	22 2	22 11	7 44	17 50	5 2
T 12	3 16	18 40	3 10	13 20	0 18	16 44	5 7	13 42	1 6	18 50	1 12	19 15	2 13	12 38	0 31	14 16	1 36	17 36	8 54	22 3	22 11	7 42	17 49	5 2
F 13	2 52	20 56	2 10	13 7	0 28	17 3	5 17	13 27	1 6	18 50	1 12	19 15	2 13	12 39	0 31	14 16	1 36	17 36	8 54	22 3	22 12	7 40	17 49	5 3
S 14	2 28	22 4	1 6	12 53	0 37	17 21	5 26	13 11	1 6	18 50	1 12	19 15	2 14	12 40	0 31	14 17	1 36	17 37	8 54	22 3	22 12	7 37	17 48	5 4
S 15	2 5	22 3	0n 0	12 38	0 46	17 38	5 35	12 56	1 7	18 50	1 12	19 15	2 14	12 41	0 31	14 17	1 36	17 37	8 54	22 3	22 13	7 35	17 47	5 5
M16	1 41	20 58	1 5	12 21	0 54	17 55	5 45	12 40	1 7	18 50	1 12	19 15	2 14	12 42	0 31	14 18	1 36	17 38	8 54	22 3	22 13	7 33	17 47	5 5
T 17	1 17	18 57	2 5	12 3	1 2	18 11	5 54	12 24	1 7	18 50	1 13	19 15	2 14	12 43	0 31	14 18	1 36	17 38	8 54	22 3	22 13	7 30	17 46	5 6
W18	0 53	16 7	2 59	11 44	1 10	18 27	6 3	12 8	1 8	18 49	1 13	19 14	2 14	12 44	0 31	14 19	1 36	17 39	8 54	22 4	22 14	7 28	17 45	5 7
T 19	0 29	12 39	3 46	11 23	1 17	18 41	6 12	11 52	1 8	18 49	1 13	19 14	2 15	12 45	0 31	14 19	1 36	17 39	8 54	22 5	22 14	7 26	17 45	5 8
F 20	0 6	8 41	4 22	11 1	1 24	18 55	6 21	11 35	1 8	18 49	1 13	19 14	2 15	12 46	0 31	14 20	1 36	17 40	8 54	22 7	22 15	7 24	17 44	5 9
S 21	0n18	4 23	4 47	10 39	1 30	19 8	6 30	11 19	1 8	18 48	1 13	19 14	2 15	12 47	0 31	14 20	1 36	17 40	8 54	22 8	22 15	7 21	17 43	5 9
S 22	0 42	0s 5	4 59	10 14	1 36	19 20	6 38	11 3	1 9	18 48	1 13	19 13	2 15	12 48	0 31	14 21	1 36	17 41	8 54	22 10	22 15	7 19	17 43	5 10
M23	1 6	4 35	4 58	9 49	1 42	19 31	6 47	10 46	1 9	18 48	1 14	19 13	2 15	12 49	0 31	14 22	1 36	17 41	8 54	22 12	22 16	7 17	17 42	5 11
T 24	1 29	8 56	4 44	9 23	1 47	19 41	6 55	10 29	1 9	18 47	1 14	19 13	2 16	12 50	0 31	14 22	1 36	17 41	8 54	22 13	22 16	7 14	17 41	5 12
W25	1 53	12 59	4 17	8 55	1 52	19 50	7 3	10 12	1 9	18 47	1 14	19 13	2 16	12 51	0 31	14 23	1 36	17 42	8 54	22 15	22 16	7 12	17 41	5 12
T 26	2 17	16 33	3 38	8 26	1 57	19 58	7 11	9 55	1 10	18 46	1 14	19 12	2 16	12 52	0 31	14 23	1 36	17 42	8 54	22 16	22 17	7 10	17 40	5 13
F 27	2 40	19 26	2 47	7 57	2 1	20 5	7 18	9 38	1 10	18 45	1 14	19 12	2 16	12 53	0 31	14 24	1 35	17 43	8 54	22 16	22 17	7 7	17 39	5 14
S 28	3 4	21 25	1 48	7 26	2 5	20 11	7 25	9 21	1 10	18 45	1 14	19 12	2 16	12 54	0 31	14 24	1 35	17 43	8 54	22 16	22 18	7 5	17 38	5 15
S 29	3 27	22 19	0 41	6 54	2 8	20 16	7 32	9 4	1 10	18 44	1 14	19 11	2 16	12 55	0 31	14 25	1 35	17 43	8 54	22 16	22 18	7 3	17 38	5 15
M30	3 51	21 58	0s30	6 21	2 11	20 19	7 38	8 47	1 10	18 43	1 15	19 11	2 17	12 56	0 31	14 26	1 35	17 44	8 54	22 16	22 18	7 0	17 37	5 16
T 31	4n14	20s16	1s42	5s47	2s13	20n21	7n44	8s29	1s11	18s43	1n15	19s10	2n17	12n57	0s31	14n26	1s35	17n44	8n53	22n17	22n19	6n58	17s36	5n17

Julian Day Number = 2886973.5, Delta T = 01h17m41s
Ecliptic obliquity = 23°17'04, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°26'11, Lahiri = 40°33'11

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3192
geocentric

APRIL 3192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 40 14	11♈46'24	20♒27	22♓ 4	4°R41	11♓46	29°R31	7°R30	6♉ 4	14♉ 6	5°R22	16°R26	16♋ 7	23♍30	19°R27	W 1
T 2	12 44 10	12°46'16	5♓11	23°39	4♉26	12°33	29♏28	7♐28	6° 7	14° 8	5♍21	16♋20	16° 4	23°37	19♐27	T 2
F 3	12 48 7	13°46'07	20°14	25°15	4° 8	13°19	29°24	7°26	6°10	14°10	5°20	16°12	16° 1	23°44	19°27	F 3
S 4	12 52 3	14°45'56	5♈28	26°52	3°48	14° 6	29°21	7°25	6°13	14°12	5°19	16° 1	15°57	23°51	19°26	S 4
S 5	12 56 0	15°45'43	20°43	28°31	3°26	14°53	29°17	7°23	6°16	14°14	5°17	15°49	15°54	23°57	19°26	S 5
M 6	12 59 56	16°45'28	5♉47	0♈11	3° 2	15°39	29°13	7°21	6°20	14°16	5°16	15°38	15°51	24° 4	19°25	M 6
T 7	13 3 53	17°45'11	20°30	1°52	2°36	16°26	29° 9	7°19	6°23	14°18	5°15	15°29	15°48	24°11	19°25	T 7
W 8	13 7 49	18°44'52	4♊47	3°34	2° 7	17°13	29° 5	7°17	6°26	14°20	5°14	15°21	15°45	24°17	19°24	W 8
T 9	13 11 46	19°44'31	18°33	5°17	1°37	18° 0	29° 1	7°14	6°30	14°22	5°13	15°17	15°41	24°24	19°23	T 9
F 10	13 15 43	20°44'07	1♋50	7° 2	1° 5	18°46	28°56	7°12	6°33	14°24	5°13	15°15	15°38	24°31	19°22	F 10
S 11	13 19 39	21°43'42	14°40	8°48	0°31	19°33	28°51	7°10	6°36	14°26	5°12	15°15	15°35	24°38	19°21	S 11
S 12	13 23 36	22°43'14	27° 8	10°36	29♈57	20°20	28°46	7° 7	6°40	14°28	5°11	15°15	15°32	24°44	19°20	S 12
M13	13 27 32	23°42'44	9♌19	12°24	29°21	21° 6	28°41	7° 4	6°43	14°30	5°10	15°14	15°29	24°51	19°18	M13
T 14	13 31 29	24°42'11	21°19	14°14	28°44	21°53	28°36	7° 2	6°46	14°33	5° 9	15°11	15°26	24°58	19°17	T 14
W15	13 35 25	25°41'37	3♍11	16° 6	28° 7	22°40	28°31	6°59	6°50	14°35	5° 8	15° 6	15°22	25° 4	19°16	W15
T 16	13 39 22	26°41'00	15° 1	17°58	27°29	23°27	28°26	6°56	6°53	14°37	5° 7	14°58	15°19	25°11	19°14	T 16
F 17	13 43 18	27°40'21	26°52	19°52	26°51	24°13	28°20	6°53	6°56	14°39	5° 7	14°47	15°16	25°18	19°12	F 17
S 18	13 47 15	28°39'40	8♎46	21°48	26°14	25° 0	28°14	6°50	7° 0	14°41	5° 6	14°35	15°13	25°25	19°11	S 18
S 19	13 51 12	29°38'57	20°46	23°44	25°37	25°47	28° 8	6°47	7° 3	14°43	5° 5	14°21	15°10	25°31	19° 9	S 19
M20	13 55 8	0♉38'12	2♏52	25°42	25° 0	26°34	28° 2	6°44	7° 7	14°46	5° 4	14° 8	15° 6	25°38	19° 7	M20
T 21	13 59 5	1°37'25	15° 6	27°41	24°24	27°20	27°56	6°41	7°10	14°48	5° 4	13°55	15° 3	25°45	19° 5	T 21
W22	14 3 1	2°36'36	27°29	29°41	23°50	28° 7	27°50	6°37	7°13	14°50	5° 3	13°45	15° 0	25°51	19° 3	W22
T 23	14 6 58	3°35'45	10♐ 0	1♉43	23°17	28°54	27°44	6°34	7°17	14°52	5° 2	13°38	14°57	25°58	19° 0	T 23
F 24	14 10 54	4°34'53	22°43	3°45	22°45	29°40	27°37	6°31	7°20	14°55	5° 2	13°34	14°54	26° 5	18°58	F 24
S 25	14 14 51	5°33'58	5♑38	5°49	22°15	0♈27	27°31	6°27	7°24	14°57	5° 1	13°32	14°51	26°12	18°56	S 25
S 26	14 18 47	6°33'02	18°48	7°53	21°47	1°14	27°24	6°24	7°27	14°59	5° 1	13°D32	14°47	26°18	18°53	S 26
M27	14 22 44	7°32'05	2♒15	9°58	21°21	2° 1	27°17	6°20	7°31	15° 1	5° 0	13°R32	14°44	26°25	18°50	M27
T 28	14 26 41	8°31'05	16° 1	12° 3	20°58	2°47	27°11	6°16	7°34	15° 4	4°59	13°32	14°41	26°32	18°48	T 28
W29	14 30 37	9°30'04	0♓ 8	14° 9	20°36	3°34	27° 4	6°13	7°37	15° 6	4°59	13°30	14°38	26°38	18°45	W29
T 30	14 34 34	10♉29'02	14♓34	16♉15	20♈17	4♈21	26♏57	6♐ 9	7♉41	15♉ 8	4♍58	13♋26	14♋35	26♍45	18♐42	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n38	17s15	2s49	5s12	2s15	20n21	7n49	8s12	1s11	18s42	1n15	19s10	2n17	12n58	0s31	14n27	1s35	17n45	8n53	22n17	22n19	6n56	17s35	5n18
T 2	5 1	13 4	3 47	4 37	2 17	20 21	7 54	7 54	1 11	18 41	1 15	19 10	2 17	12 59	0 31	14 27	1 35	17 45	8 53	22 18	22 20	6 53	17 35	5 19
F 3	5 24	7 59	4 30	4 0	2 18	20 18	7 58	7 37	1 11	18 40	1 15	19 9	2 17	13 0	0 31	14 28	1 35	17 45	8 53	22 19	22 20	6 51	17 34	5 19
S 4	5 47	2 22	4 55	3 22	2 19	20 15	8 2	7 19	1 11	18 39	1 15	19 9	2 17	13 1	0 31	14 29	1 35	17 46	8 53	22 20	22 20	6 49	17 33	5 20
S 5	6 10	3n25	4 59	2 43	2 19	20 10	8 5	7 1	1 12	18 38	1 15	19 8	2 18	13 2	0 31	14 29	1 35	17 46	8 53	22 21	22 21	6 46	17 32	5 21
M 6	6 33	8 55	4 42	2 4	2 19	20 3	8 7	6 43	1 12	18 38	1 15	19 8	2 18	13 3	0 31	14 30	1 35	17 46	8 53	22 23	22 21	6 44	17 31	5 22
T 7	6 55	13 48	4 6	1 23	2 19	19 55	8 8	6 25	1 12	18 37	1 16	19 7	2 18	13 5	0 31	14 31	1 35	17 46	8 53	22 24	22 21	6 42	17 31	5 22
W 8	7 18	17 44	3 16	0 42	2 18	19 46	8 9	6 7	1 12	18 36	1 16	19 7	2 18	13 6	0 31	14 31	1 35	17 47	8 53	22 24	22 22	6 39	17 30	5 23
T 9	7 40	20 32	2 16	0n 0	2 16	19 35	8 8	5 49	1 12	18 34	1 16	19 6	2 18	13 7	0 31	14 32	1 35	17 47	8 53	22 25	22 22	6 37	17 29	5 24
F 10	8 3	22 6	1 10	0 43	2 14	19 22	8 7	5 31	1 12	18 33	1 16	19 6	2 18	13 8	0 31	14 32	1 35	17 47	8 53	22 25	22 22	6 35	17 28	5 25
S 11	8 25	22 26	0 3	1 27	2 12	19 9	8 5	5 13	1 12	18 32	1 16	19 5	2 18	13 9	0 31	14 33	1 35	17 47	8 52	22 25	22 23	6 32	17 27	5 25
S 12	8 47	21 37	1n 2	2 11	2 9	18 53	8 2	4 55	1 12	18 31	1 16	19 5	2 19	13 10	0 31	14 34	1 35	17 48	8 52	22 25	22 23	6 30	17 26	5 26
M13	9 9	19 48	2 4	2 57	2 5	18 37	7 58	4 37	1 13	18 30	1 16	19 4	2 19	13 11	0 31	14 34	1 35	17 48	8 52	22 25	22 24	6 28	17 26	5 27
T 14	9 31	17 7	2 58	3 43	2 2	18 19	7 54	4 19	1 13	18 29	1 16	19 4	2 19	13 12	0 31	14 35	1 35	17 48	8 52	22 26	22 24	6 25	17 25	5 28
W15	9 52	13 46	3 45	4 29	1 57	18 1	7 48	4 0	1 13	18 27	1 16	19 3	2 19	13 13	0 31	14 36	1 35	17 48	8 52	22 26	22 24	6 23	17 24	5 28
T 16	10 13	9 53	4 21	5 16	1 52	17 41	7 41	3 42	1 13	18 26	1 16	19 2	2 19	13 14	0 31	14 36	1 35	17 49	8 52	22 27	22 25	6 20	17 23	5 29
F 17	10 35	5 37	4 46	6 4	1 47	17 20	7 34	3 24	1 13	18 25	1 17	19 2	2 19	13 16	0 31	14 37	1 35	17 49	8 52	22 28	22 25	6 18	17 22	5 30
S 18	10 56	1 8	4 59	6 52	1 41	16 59	7 26	3 6	1 13	18 24	1 17	19 1	2 19	13 17	0 31	14 38	1 35	17 49	8 52	22 30	22 25	6 16	17 21	5 30
S 19	11 17	3s26	4 58	7 41	1 35	16 37	7 17	2 47	1 13	18 22	1 17	19 1	2 19	13 18	0 31	14 38	1 35	17 49	8 51	22 31	22 26	6 13	17 21	5 31
M20	11 37	7 55	4 45	8 30	1 28	16 14	7 7	2 29	1 13	18 21	1 17	19 0	2 20	13 19	0 31	14 39	1 35	17 49	8 51	22 32	22 26	6 11	17 20	5 32
T 21	11 58	12 9	4 18	9 20	1 20	15 51	6 56	2 10	1 13	18 19	1 17	18 59	2 20	13 20	0 31	14 40	1 35	17 49	8 51	22 34	22 26	6 9	17 19	5 33
W22	12 18	15 55	3 38	10 9	1 13	15 28	6 45	1 52	1 13	18 18	1 17	18 59	2 20	13 21	0 31	14 40	1 35	17 49	8 51	22 35	22 27	6 6	17 18	5 33
T 23	12 38	19 2	2 48	10 59	1 4	15 5	6 33	1 33	1 13	18 17	1 17	18 58	2 20	13 22	0 31	14 41	1 35	17 50	8 51	22 35	22 27	6 4	17 17	5 34
F 24	12 58	21 17	1 48	11 49	0 56	14 41	6 21	1 15	1 13	18 15	1 17	18 57	2 20	13 23	0 31	14 41	1 35	17 50	8 51	22 36	22 28	6 1	17 16	5 35
S 25	13 18	22 28	0 42	12 39	0 47	14 18	6 8	0 57	1 13	18 14	1 17	18 57	2 20	13 24	0 31	14 42	1 35	17 50	8 51	22 36	22 28	5 59	17 15	5 35
S 26	13 37	22 26	0s28	13 28	0 37	13 56	5 55	0 38	1 13	18 12	1 17	18 56	2 20	13 26	0 31	14 43	1 35	17 50	8 50	22 36	22 28	5 57	17 15	5 36
M27	13 56	21 7	1 38	14 17	0 27	13 33	5 42	0 20	1 13	18 10	1 17	18 55	2 20	13 27	0 31	14 43	1 35	17 50	8 50	22 36	22 29	5 54	17 14	5 37
T 28	14 15	18 32	2 44	15 5	0 17	13 12	5 28	0 1	1 13	18 9	1 17	18 55	2 20	13 28	0 31	14 44	1 35	17 50	8 50	22 36	22 29	5 52	17 13	5 37
W29	14 34	14 49	3 41	15 53	0 6	12 51	5 14	0n17	1 13	18 7	1 17	18 54	2 20	13 29	0 31	14 45	1 35	17 50	8 50	22 36	22 29	5 49	17 12	5 38
T 30	14n52	10s 8	4s26	16n40	0n 4	12n30	5n 0	0n36	1s13	18s 6	1n17	18s53	2n21	13n30	0s31	14n45	1s35	17n50	8n50	22n37	22n30	5n47	17s11	5n38

Julian Day Number = 2887004.5, Delta T = 01h17m42s
Ecliptic obliquity = 23°17'04, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°26'15, Lahiri = 40°33'16

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ASTRODIENST EPHEMERIS for the year 3192
geocentric

MAY 3192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 38 30	11♉27'57	29♓18	18♉20	20°R 0	5♈ 7	26°R50	6°R 5	7♉44	15♉10	4°R58	13°R20	14♋32	26♍52	18°R39	F 1
S 2	14 42 27	12°26'51	14♈11	20°25	19♈45	5°54	26♏42	6♐ 1	7°48	15°13	4♍58	13♋12	14°28	26°59	18♐36	S 2
S 3	14 46 23	13°25'43	29° 8	22°30	19°33	6°41	26°35	5°57	7°51	15°15	4°57	13° 2	14°25	27° 5	18°33	S 3
M 4	14 50 20	14°24'33	13♉58	24°33	19°24	7°27	26°28	5°53	7°55	15°17	4°57	12°53	14°22	27°12	18°30	M 4
T 5	14 54 16	15°23'22	28°33	26°34	19°16	8°14	26°20	5°49	7°58	15°19	4°57	12°46	14°19	27°19	18°27	T 5
W 6	14 58 13	16°22'08	12♊47	28°34	19°12	9° 1	26°13	5°45	8° 1	15°22	4°56	12°40	14°16	27°25	18°24	W 6
T 7	15 2 9	17°20'53	26°34	0♊31	19°D 9	9°47	26° 6	5°41	8° 5	15°24	4°56	12°36	14°12	27°32	18°20	T 7
F 8	15 6 6	18°19'35	9♋55	2°26	19° 9	10°34	25°58	5°36	8° 8	15°26	4°56	12°D35	14° 9	27°39	18°17	F 8
S 9	15 10 3	19°18'15	22°50	4°18	19°12	11°20	25°50	5°32	8°12	15°29	4°56	12°35	14° 6	27°46	18°14	S 9
S 10	15 13 59	20°16'53	5♌22	6° 7	19°16	12° 7	25°43	5°28	8°15	15°31	4°55	12°37	14° 3	27°52	18°10	S 10
M11	15 17 56	21°15'29	17°37	7°53	19°23	12°54	25°35	5°24	8°18	15°33	4°55	12°R37	14° 0	27°59	18° 6	M11
T 12	15 21 52	22°14'03	29°39	9°35	19°32	13°40	25°28	5°19	8°22	15°35	4°55	12°37	13°57	28° 6	18° 3	T 12
W13	15 25 49	23°12'34	11♍33	11°13	19°44	14°27	25°20	5°15	8°25	15°38	4°55	12°35	13°53	28°12	17°59	W13
T 14	15 29 45	24°11'04	23°25	12°48	19°57	15°13	25°12	5°10	8°28	15°40	4°55	12°31	13°50	28°19	17°55	T 14
F 15	15 33 42	25° 9'31	5♎17	14°18	20°12	16° 0	25° 5	5° 6	8°32	15°42	4°55	12°25	13°47	28°26	17°52	F 15
S 16	15 37 38	26° 7'57	17°15	15°44	20°30	16°46	24°57	5° 2	8°35	15°44	4°D55	12°18	13°44	28°33	17°48	S 16
S 17	15 41 35	27° 6'20	29°20	17° 6	20°49	17°32	24°49	4°57	8°38	15°47	4°55	12°10	13°41	28°39	17°44	S 17
M18	15 45 32	28° 4'42	11♏35	18°23	21°10	18°19	24°42	4°53	8°42	15°49	4°55	12° 1	13°38	28°46	17°40	M18
T 19	15 49 28	29° 3'02	24° 2	19°35	21°33	19° 5	24°34	4°48	8°45	15°51	4°55	11°54	13°34	28°53	17°36	T 19
W20	15 53 25	0♊ 1'20	6♐40	20°43	21°57	19°52	24°26	4°44	8°48	15°53	4°55	11°48	13°31	28°59	17°32	W20
T 21	15 57 21	0°59'36	19°29	21°46	22°23	20°38	24°19	4°39	8°51	15°55	4°55	11°44	13°28	29° 6	17°28	T 21
F 22	16 1 18	1°57'51	2♑31	22°45	22°51	21°24	24°11	4°35	8°55	15°58	4°55	11°42	13°25	29°13	17°24	F 22
S 23	16 5 14	2°56'05	15°45	23°38	23°21	22°10	24° 4	4°30	8°58	16° 0	4°55	11°D41	13°22	29°20	17°19	S 23
S 24	16 9 11	3°54'16	29°11	24°27	23°51	22°57	23°56	4°26	9° 1	16° 2	4°56	11°42	13°18	29°26	17°15	S 24
M25	16 13 8	4°52'27	12♒50	25°10	24°24	23°43	23°49	4°21	9° 4	16° 4	4°56	11°44	13°15	29°33	17°11	M25
T 26	16 17 4	5°50'36	26°41	25°49	24°57	24°29	23°41	4°17	9° 7	16° 6	4°56	11°45	13°12	29°40	17° 7	T 26
W27	16 21 1	6°48'43	10♓45	26°22	25°32	25°15	23°34	4°12	9°10	16° 9	4°56	11°R45	13° 9	29°47	17° 3	W27
T 28	16 24 57	7°46'50	25° 0	26°51	26° 9	26° 1	23°27	4° 7	9°14	16°11	4°57	11°44	13° 6	29°53	16°58	T 28
F 29	16 28 54	8°44'55	9♈24	27°14	26°46	26°48	23°20	4° 3	9°17	16°13	4°57	11°41	13° 3	29°59	16°54	F 29
S 30	16 32 50	9°42'58	23°54	27°32	27°25	27°34	23°13	3°58	9°20	16°15	4°57	11°38	12°59	0♎ 7	16°50	S 30
S 31	16 36 47	10♊41'01	8♉24	27♊45	28♈ 4	28♈20	23♏ 5	3♐54	9♉23	16♉17	4♍58	11♋33	12♋56	0♎13	16♐45	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n10	4s48	4s55	17n25	0n15	12n11	4n46	0n54	1s13	18s 4	1n17	18s52	2n21	13n31	0s31	14n46	1s35	17n50	8n50	22n37	22n30	5n45	17s10	5n39
S 2	15 28	0n53	5 4	18 9	0 26	11 52	4 31	1 13	1 13	18 2	1 17	18 52	2 21	13 32	0 31	14 47	1 35	17 50	8 49	22 38	22 30	5 42	17 9	5 40
S 3	15 46	6 32	4 52	18 52	0 37	11 34	4 17	1 31	1 13	18 1	1 17	18 51	2 21	13 33	0 31	14 47	1 35	17 50	8 49	22 39	22 31	5 40	17 9	5 40
M 4	16 4	11 46	4 21	19 33	0 48	11 17	4 3	1 49	1 13	17 59	1 17	18 50	2 21	13 34	0 31	14 48	1 35	17 50	8 49	22 40	22 31	5 37	17 8	5 41
T 5	16 21	16 15	3 33	20 13	0 59	11 1	3 49	2 8	1 13	17 57	1 17	18 49	2 21	13 36	0 31	14 49	1 35	17 50	8 49	22 41	22 31	5 35	17 7	5 41
W 6	16 38	19 40	2 33	20 50	1 9	10 47	3 34	2 26	1 13	17 56	1 17	18 49	2 21	13 37	0 31	14 49	1 35	17 50	8 49	22 41	22 32	5 33	17 6	5 42
T 7	16 54	21 50	1 25	21 25	1 19	10 33	3 21	2 44	1 13	17 54	1 17	18 48	2 21	13 38	0 31	14 50	1 35	17 50	8 49	22 41	22 32	5 30	17 5	5 43
F 8	17 10	22 41	0 14	21 58	1 29	10 20	3 7	3 3	1 13	17 52	1 17	18 47	2 21	13 39	0 31	14 51	1 35	17 50	8 49	22 42	22 32	5 28	17 4	5 43
S 9	17 26	22 16	0n55	22 29	1 38	10 8	2 53	3 21	1 12	17 50	1 17	18 46	2 21	13 40	0 31	14 51	1 35	17 50	8 48	22 42	22 33	5 25	17 3	5 44
S 10	17 42	20 44	1 59	22 57	1 47	9 58	2 40	3 39	1 12	17 49	1 17	18 46	2 21	13 41	0 31	14 52	1 35	17 50	8 48	22 41	22 33	5 23	17 3	5 44
M11	17 57	18 16	2 57	23 23	1 55	9 48	2 27	3 57	1 12	17 47	1 17	18 45	2 21	13 42	0 31	14 53	1 35	17 50	8 48	22 41	22 33	5 20	17 2	5 45
T 12	18 13	15 2	3 45	23 46	2 3	9 40	2 14	4 15	1 12	17 45	1 17	18 44	2 21	13 43	0 31	14 53	1 35	17 49	8 48	22 41	22 34	5 18	17 1	5 45
W13	18 27	11 15	4 24	24 7	2 10	9 32	2 1	4 33	1 12	17 43	1 17	18 43	2 21	13 44	0 31	14 54	1 35	17 49	8 48	22 42	22 34	5 16	17 0	5 46
T 14	18 42	7 3	4 51	24 26	2 16	9 26	1 49	4 51	1 12	17 42	1 17	18 43	2 21	13 45	0 31	14 54	1 35	17 49	8 47	22 42	22 34	5 13	16 59	5 46
F 15	18 56	2 35	5 5	24 42	2 21	9 20	1 37	5 9	1 12	17 40	1 17	18 42	2 21	13 46	0 31	14 55	1 35	17 49	8 47	22 43	22 35	5 11	16 59	5 47
S 16	19 10	2s 0	5 6	24 56	2 25	9 16	1 25	5 27	1 11	17 38	1 17	18 41	2 21	13 47	0 31	14 56	1 35	17 49	8 47	22 43	22 35	5 8	16 58	5 47
S 17	19 23	6 35	4 54	25 8	2 29	9 13	1 13	5 45	1 11	17 36	1 17	18 40	2 21	13 48	0 31	14 56	1 35	17 49	8 47	22 44	22 35	5 6	16 57	5 48
M18	19 36	10 57	4 28	25 17	2 31	9 10	1 2	6 2	1 11	17 35	1 17	18 39	2 21	13 49	0 31	14 57	1 35	17 49	8 47	22 45	22 36	5 3	16 56	5 48
T 19	19 49	14 57	3 49	25 25	2 33	9 8	0 51	6 20	1 11	17 33	1 17	18 39	2 21	13 50	0 31	14 58	1 35	17 48	8 47	22 45	22 36	5 1	16 55	5 49
W20	20 1	18 21	2 58	25 31	2 33	9 8	0 41	6 37	1 11	17 31	1 17	18 38	2 21	13 52	0 31	14 58	1 35	17 48	8 46	22 46	22 36	4 58	16 54	5 49
T 21	20 14	20 55	1 57	25 34	2 33	9 8	0 30	6 55	1 11	17 29	1 17	18 37	2 21	13 53	0 31	14 59	1 35	17 48	8 46	22 46	22 36	4 56	16 54	5 50
F 22	20 25	22 26	0 50	25 36	2 31	9 9	0 20	7 12	1 10	17 28	1 16	18 36	2 21	13 54	0 31	14 59	1 35	17 48	8 46	22 46	22 37	4 54	16 53	5 50
S 23	20 37	22 44	0s22	25 36	2 29	9 11	0 11	7 30	1 10	17 26	1 16	18 36	2 21	13 55	0 31	15 0	1 35	17 47	8 46	22 46	22 37	4 51	16 52	5 50
S 24	20 48	21 43	1 34	25 35	2 25	9 13	0 1	7 47	1 10	17 24	1 16	18 35	2 21	13 56	0 31	15 1	1 35	17 47	8 46	22 46	22 37	4 49	16 51	5 51
M25	20 58	19 26	2 41	25 32	2 20	9 17	0s 8	8 4	1 10	17 23	1 16	18 34	2 21	13 57	0 31	15 1	1 35	17 47	8 46	22 46	22 38	4 46	16 51	5 51
T 26	21 9	16 0	3 40	25 27	2 14	9 21	0 17	8 21	1 9	17 21	1 16	18 33	2 21	13 58	0 31	15 2	1 35	17 47	8 45	22 46	22 38	4 44	16 50	5 52
W27	21 18	11 37	4 27	25 21	2 7	9 25	0 25	8 38	1 9	17 19	1 16	18 32	2 21	13 59	0 31	15 2	1 35	17 46	8 45	22 46	22 38	4 41	16 49	5 52
T 28	21 28	6 33	4 59	25 14	1 59	9 31	0 33	8 55	1 9	17 18	1 16	18 32	2 21	14 0	0 31	15 3	1 35	17 46	8 45	22 46	22 39	4 39	16 48	5 52
F 29	21 37	1 4	5 11	25 6	1 50	9 37	0 41	9 12	1 9	17 16	1 16	18 31	2 21	14 1	0 31	15 4	1 35	17 46	8 45	22 46	22 39	4 36	16 48	5 53
S 30	21 46	4n29	5 5	24 56	1 40	9 43	0 49	9 29	1 8	17 14	1 15	18 30	2 21	14 1	0 31	15 4	1 35	17 46	8 45	22 47	22 39	4 34	16 47	5 53
S 31	21n54	9n49	4s38	24n45	1n29	9n51	0s56	9n45	1s 8	17s13	1n15	18s29	2n21	14n 2	0s31	15n 5	1s35	17n45	8n45	22n47	22n40	4n31	16s46	5n53

Julian Day Number = 2887034.5, Delta T = 01h17m42s
Ecliptic obliquity = 23°17'04, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°26'19, Lahiri = 40°33'20

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ASTRODIENST EPHEMERIS for the year 3192
geocentric

JUNE 3192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 40 43	11♊39'02	22♉48	27♊53	28♈45	29♈ 6	22°R58	3°R49	9♉26	16♉19	4♍58	11°R29	12♋53	0♎20	16°R41	M 1
T 2	16 44 40	12°37'02	7♊ 1	27°R56	29°27	29°52	22♏52	3♐45	9°29	16°21	4°59	11♋25	12°50	0°27	16♐37	T 2
W 3	16 48 37	13°35'00	20°57	27°54	0♉10	0♉38	22°45	3°41	9°32	16°23	4°59	11°22	12°47	0°34	16°32	W 3
T 4	16 52 33	14°32'57	4♋34	27°47	0°53	1°24	22°38	3°36	9°35	16°25	5° 0	11°21	12°44	0°40	16°28	T 4
F 5	16 56 30	15°30'52	17°49	27°36	1°38	2°10	22°31	3°32	9°38	16°27	5° 0	11°D21	12°40	0°47	16°24	F 5
S 6	17 0 26	16°28'46	0♌42	27°21	2°23	2°55	22°25	3°27	9°41	16°29	5° 1	11°22	12°37	0°54	16°19	S 6
S 7	17 4 23	17°26'38	13°16	27° 2	3°10	3°41	22°19	3°23	9°44	16°31	5° 1	11°23	12°34	1° 0	16°15	S 7
M 8	17 8 19	18°24'29	25°33	26°39	3°57	4°27	22°12	3°19	9°46	16°33	5° 2	11°25	12°31	1° 7	16°10	M 8
T 9	17 12 16	19°22'17	7♍38	26°13	4°45	5°13	22° 6	3°14	9°49	16°35	5° 3	11°26	12°28	1°14	16° 6	T 9
W10	17 16 12	20°20'05	19°34	25°44	5°34	5°58	22° 0	3°10	9°52	16°37	5° 3	11°R27	12°24	1°21	16° 2	W10
T 11	17 20 9	21°17'50	1♎27	25°13	6°23	6°44	21°54	3° 6	9°55	16°39	5° 4	11°26	12°21	1°27	15°57	T 11
F 12	17 24 6	22°15'34	13°21	24°41	7°13	7°30	21°48	3° 2	9°58	16°41	5° 5	11°25	12°18	1°34	15°53	F 12
S 13	17 28 2	23°13'17	25°21	24° 7	8° 4	8°15	21°43	2°58	10° 0	16°43	5° 5	11°23	12°15	1°41	15°49	S 13
S 14	17 31 59	24°10'58	7♏31	23°33	8°55	9° 1	21°37	2°54	10° 3	16°45	5° 6	11°21	12°12	1°47	15°45	S 14
M15	17 35 55	25° 8'38	19°52	22°59	9°47	9°46	21°32	2°50	10° 6	16°47	5° 7	11°18	12° 9	1°54	15°40	M15
T 16	17 39 52	26° 6'16	2♐29	22°26	10°40	10°31	21°26	2°46	10° 8	16°49	5° 8	11°16	12° 5	2° 1	15°36	T 16
W17	17 43 48	27° 3'53	15°22	21°54	11°33	11°17	21°21	2°42	10°11	16°51	5° 9	11°14	12° 2	2° 8	15°32	W17
T 18	17 47 45	28° 1'30	28°31	21°24	12°27	12° 2	21°16	2°38	10°13	16°53	5° 9	11°13	11°59	2°14	15°28	T 18
F 19	17 51 41	28°59'05	11♑56	20°57	13°21	12°47	21°12	2°34	10°16	16°54	5°10	11°D13	11°56	2°21	15°23	F 19
S 20	17 55 38	29°56'39	25°35	20°31	14°16	13°33	21° 7	2°30	10°18	16°56	5°11	11°13	11°53	2°28	15°19	S 20
S 21	17 59 35	0♋54'12	9♒26	20°10	15°11	14°18	21° 2	2°27	10°21	16°58	5°12	11°14	11°50	2°35	15°15	S 21
M22	18 3 31	1°51'44	23°26	19°51	16° 7	15° 3	20°58	2°23	10°23	17° 0	5°13	11°15	11°46	2°41	15°11	M22
T 23	18 7 28	2°49'15	7♓34	19°37	17° 3	15°48	20°54	2°19	10°26	17° 1	5°14	11°16	11°43	2°48	15° 7	T 23
W24	18 11 24	3°46'46	21°47	19°26	18° 0	16°33	20°50	2°16	10°28	17° 3	5°15	11°16	11°40	2°55	15° 3	W24
T 25	18 15 21	4°44'16	6♈ 1	19°20	18°57	17°18	20°46	2°12	10°30	17° 5	5°16	11°R16	11°37	3° 1	14°59	T 25
F 26	18 19 17	5°41'45	20°15	19°D18	19°55	18° 3	20°42	2° 9	10°33	17° 6	5°17	11°16	11°34	3° 8	14°55	F 26
S 27	18 23 14	6°39'14	4♉25	19°20	20°53	18°48	20°39	2° 6	10°35	17° 8	5°18	11°16	11°30	3°15	14°51	S 27
S 28	18 27 10	7°36'42	18°30	19°27	21°51	19°33	20°35	2° 2	10°37	17°10	5°20	11°15	11°27	3°22	14°48	S 28
M29	18 31 7	8°34'10	2♊26	19°39	22°50	20°18	20°32	1°59	10°39	17°11	5°21	11°15	11°24	3°28	14°44	M29
T 30	18 35 4	9♋31'37	16♊12	19♊55	23♉49	21♉ 2	20♏29	1♐56	10♉42	17♉13	5♍22	11♋15	11♋21	3♎35	14♐40	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 2	14n34	3s55	24n33	1n17	9n58	1s 3	10n 2	1s 8	17s11	1n15	18s29	2n21	14n 3	0s31	15n 5	1s35	17n45	8n44	22n48	22n40	4n29	16s46	5n54
T 2	22 10	18 26	2 57	24 19	1 3	10 6	1 10	10 18	1 7	17 9	1 15	18 28	2 20	14 4	0 31	15 6	1 35	17 45	8 44	22 48	22 40	4 26	16 45	5 54
W 3	22 17	21 10	1 49	24 5	0 49	10 15	1 17	10 34	1 7	17 8	1 15	18 27	2 20	14 5	0 31	15 7	1 35	17 44	8 44	22 48	22 41	4 24	16 44	5 54
T 4	22 24	22 35	0 37	23 50	0 34	10 24	1 23	10 50	1 7	17 6	1 15	18 26	2 20	14 6	0 31	15 7	1 35	17 44	8 44	22 48	22 41	4 21	16 43	5 54
F 5	22 30	22 42	0n35	23 34	0 19	10 34	1 29	11 6	1 6	17 5	1 15	18 26	2 20	14 7	0 31	15 8	1 35	17 44	8 44	22 48	22 41	4 19	16 43	5 55
S 6	22 36	21 34	1 44	23 18	0 2	10 44	1 35	11 22	1 6	17 3	1 14	18 25	2 20	14 8	0 31	15 8	1 35	17 43	8 43	22 48	22 41	4 16	16 42	5 55
S 7	22 42	19 23	2 46	23 0	0s15	10 54	1 41	11 38	1 6	17 2	1 14	18 24	2 20	14 9	0 31	15 9	1 35	17 43	8 43	22 48	22 42	4 14	16 41	5 55
M 8	22 47	16 22	3 39	22 42	0 32	11 5	1 46	11 54	1 5	17 0	1 14	18 24	2 20	14 10	0 31	15 9	1 35	17 42	8 43	22 48	22 42	4 11	16 41	5 55
T 9	22 52	12 42	4 22	22 24	0 50	11 16	1 51	12 9	1 5	16 59	1 14	18 23	2 20	14 11	0 31	15 10	1 35	17 42	8 43	22 48	22 42	4 9	16 40	5 55
W10	22 56	8 35	4 52	22 5	1 8	11 28	1 56	12 25	1 4	16 58	1 14	18 22	2 20	14 12	0 31	15 10	1 35	17 42	8 43	22 48	22 43	4 6	16 40	5 56
T 11	23 0	4 10	5 10	21 47	1 25	11 39	2 1	12 40	1 4	16 56	1 14	18 22	2 20	14 12	0 31	15 11	1 35	17 41	8 43	22 48	22 43	4 4	16 39	5 56
F 12	23 4	0s24	5 15	21 28	1 43	11 51	2 5	12 55	1 4	16 55	1 13	18 21	2 19	14 13	0 31	15 11	1 35	17 41	8 42	22 48	22 43	4 1	16 38	5 56
S 13	23 7	5 0	5 6	21 9	2 0	12 3	2 10	13 10	1 3	16 54	1 13	18 20	2 19	14 14	0 31	15 12	1 36	17 40	8 42	22 48	22 43	3 59	16 38	5 56
S 14	23 9	9 28	4 43	20 51	2 17	12 16	2 14	13 25	1 3	16 53	1 13	18 20	2 19	14 15	0 31	15 12	1 36	17 40	8 42	22 48	22 44	3 56	16 37	5 56
M15	23 12	13 38	4 7	20 33	2 33	12 28	2 18	13 40	1 2	16 51	1 13	18 19	2 19	14 16	0 31	15 13	1 36	17 40	8 42	22 48	22 44	3 54	16 37	5 56
T 16	23 14	17 17	3 18	20 17	2 48	12 41	2 21	13 54	1 2	16 50	1 13	18 18	2 19	14 17	0 31	15 13	1 36	17 39	8 42	22 49	22 44	3 51	16 36	5 56
W17	23 15	20 12	2 18	20 0	3 2	12 54	2 25	14 8	1 1	16 49	1 12	18 18	2 19	14 17	0 31	15 14	1 36	17 39	8 42	22 49	22 45	3 49	16 36	5 57
T 18	23 16	22 7	1 10	19 45	3 15	13 7	2 28	14 23	1 1	16 48	1 12	18 17	2 19	14 18	0 31	15 14	1 36	17 38	8 42	22 49	22 45	3 46	16 35	5 57
F 19	23 17	22 49	0s 4	19 31	3 28	13 21	2 31	14 37	1 1	16 47	1 12	18 17	2 18	14 19	0 31	15 15	1 36	17 38	8 41	22 49	22 45	3 44	16 35	5 57
S 20	23 17	22 11	1 19	19 19	3 39	13 34	2 34	14 51	1 0	16 46	1 12	18 16	2 18	14 20	0 31	15 15	1 36	17 37	8 41	22 49	22 45	3 41	16 34	5 57
S 21	23 17	20 11	2 30	19 8	3 48	13 47	2 36	15 5	1 0	16 45	1 11	18 15	2 18	14 20	0 31	15 16	1 36	17 37	8 41	22 49	22 46	3 39	16 34	5 57
M22	23 16	16 58	3 33	18 58	3 57	14 1	2 39	15 18	0 59	16 44	1 11	18 15	2 18	14 21	0 31	15 16	1 36	17 36	8 41	22 49	22 46	3 36	16 33	5 57
T 23	23 15	12 45	4 24	18 50	4 4	14 14	2 41	15 32	0 59	16 43	1 11	18 14	2 18	14 22	0 31	15 17	1 36	17 36	8 41	22 49	22 46	3 34	16 33	5 57
W24	23 14	7 49	4 59	18 43	4 10	14 28	2 43	15 45	0 58	16 42	1 11	18 14	2 18	14 23	0 31	15 17	1 36	17 35	8 41	22 49	22 47	3 31	16 32	5 57
T 25	23 12	2 27	5 15	18 38	4 14	14 42	2 45	15 58	0 58	16 42	1 11	18 13	2 17	14 23	0 31	15 17	1 36	17 35	8 40	22 49	22 47	3 29	16 32	5 57
F 26	23 10	3n 2	5 13	18 35	4 17	14 55	2 47	16 11	0 57	16 41	1 10	18 13	2 17	14 24	0 31	15 18	1 36	17 34	8 40	22 49	22 47	3 26	16 32	5 57
S 27	23 7	8 20	4 51	18 33	4 19	15 9	2 49	16 24	0 57	16 40	1 10	18 12	2 17	14 25	0 31	15 18	1 36	17 34	8 40	22 49	22 47	3 24	16 31	5 57
S 28	23 4	13 10	4 12	18 33	4 20	15 22	2 50	16 36	0 56	16 40	1 10	18 12	2 17	14 25	0 31	15 19	1 36	17 33	8 40	22 49	22 48	3 21	16 31	5 57
M29	23 1	17 16	3 19	18 34	4 20	15 36	2 51	16 49	0 55	16 39	1 10	18 12	2 17	14 26	0 31	15 19	1 36	17 33	8 40	22 49	22 48	3 19	16 30	5 57
T 30	22n57	20n21	2s14	18n36	4s18	15n49	2s52	17n 1	0s55	16s38	1n 9	18s11	2n16	14n27	0s31	15n19	1s36	17n32	8n40	22n49	22n48	3n16	16s30	5n57

Julian Day Number = 2887065.5, Delta T = 01h17m43s
Ecliptic obliquity = 23°17'04, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°26'24, Lahiri = 40°33'24

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ASTRODIENST EPHEMERIS for the year 3192
geocentric

JULY 3192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 39 0	10♋29'04	29♊43	20♊16	24♉48	21♉47	20°R26	1°R53	10♉44	17♉14	5♍23	11°R15	11♋18	3♎42	14°R37	W 1
T 2	18 42 57	11°26'30	13♋ 0	20°41	25°48	22°32	20♏23	1♐50	10°46	17°16	5°24	11♋15	11°15	3°49	14♐33	T 2
F 3	18 46 53	12°23'55	26° 0	21°10	26°48	23°16	20°21	1°47	10°48	17°17	5°25	11°15	11°11	3°55	14°29	F 3
S 4	18 50 50	13°21'19	8♌44	21°44	27°49	24° 1	20°18	1°44	10°50	17°19	5°27	11°15	11° 8	4° 2	14°26	S 4
S 5	18 54 46	14°18'43	21°13	22°22	28°49	24°45	20°16	1°41	10°52	17°20	5°28	11°14	11° 5	4° 9	14°23	S 5
M 6	18 58 43	15°16'06	3♍28	23° 4	29°50	25°29	20°14	1°39	10°54	17°22	5°29	11°14	11° 2	4°15	14°19	M 6
T 7	19 2 40	16°13'28	15°32	23°50	0♊52	26°14	20°12	1°36	10°55	17°23	5°30	11°13	10°59	4°22	14°16	T 7
W 8	19 6 36	17°10'49	27°29	24°41	1°53	26°58	20°11	1°34	10°57	17°24	5°32	11°13	10°56	4°29	14°13	W 8
T 9	19 10 33	18° 8'09	9♎22	25°35	2°55	27°42	20° 9	1°31	10°59	17°26	5°33	11°12	10°52	4°36	14°10	T 9
F 10	19 14 29	19° 5'29	21°17	26°33	3°57	28°26	20° 8	1°29	11° 1	17°27	5°34	11°D12	10°49	4°42	14° 7	F 10
S 11	19 18 26	20° 2'48	3♏17	27°35	5° 0	29°10	20° 7	1°27	11° 3	17°28	5°36	11°13	10°46	4°49	14° 4	S 11
S 12	19 22 22	21° 0'06	15°26	28°41	6° 2	29°54	20° 6	1°25	11° 4	17°29	5°37	11°13	10°43	4°56	14° 1	S 12
M13	19 26 19	21°57'23	27°51	29°51	7° 5	0♊38	20° 5	1°23	11° 6	17°31	5°39	11°14	10°40	5° 2	13°58	M13
T 14	19 30 15	22°54'40	10♐33	1♋ 4	8° 8	1°22	20° 5	1°21	11° 7	17°32	5°40	11°15	10°36	5° 9	13°55	T 14
W15	19 34 12	23°51'57	23°35	2°21	9°12	2° 6	20° 4	1°19	11° 9	17°33	5°42	11°16	10°33	5°16	13°52	W15
T 16	19 38 9	24°49'13	6♑58	3°42	10°15	2°50	20° 4	1°17	11°10	17°34	5°43	11°R16	10°30	5°23	13°50	T 16
F 17	19 42 5	25°46'29	20°43	5° 6	11°19	3°33	20°D 4	1°15	11°12	17°35	5°44	11°16	10°27	5°29	13°47	F 17
S 18	19 46 2	26°43'44	4♒47	6°34	12°23	4°17	20° 4	1°14	11°13	17°36	5°46	11°15	10°24	5°36	13°45	S 18
S 19	19 49 58	27°40'59	19° 5	8° 5	13°27	5° 0	20° 4	1°12	11°15	17°37	5°47	11°14	10°21	5°43	13°42	S 19
M20	19 53 55	28°38'14	3♓34	9°39	14°32	5°44	20° 5	1°11	11°16	17°38	5°49	11°12	10°17	5°50	13°40	M20
T 21	19 57 51	29°35'29	18° 6	11°17	15°36	6°27	20° 6	1° 9	11°17	17°39	5°51	11°10	10°14	5°56	13°38	T 21
W22	20 1 48	0♌32'44	2♈37	12°59	16°41	7°11	20° 6	1° 8	11°18	17°40	5°52	11° 8	10°11	6° 3	13°36	W22
T 23	20 5 44	1°30'00	17° 1	14°43	17°46	7°54	20° 7	1° 7	11°20	17°41	5°54	11° 6	10° 8	6°10	13°34	T 23
F 24	20 9 41	2°27'15	1♉15	16°31	18°51	8°37	20° 9	1° 6	11°21	17°42	5°55	11°D 6	10° 5	6°16	13°32	F 24
S 25	20 13 38	3°24'31	15°17	18°21	19°57	9°20	20°10	1° 5	11°22	17°43	5°57	11° 6	10° 2	6°23	13°30	S 25
S 26	20 17 34	4°21'47	29° 5	20°15	21° 2	10° 3	20°12	1° 4	11°23	17°44	5°59	11° 7	9°58	6°30	13°28	S 26
M27	20 21 31	5°19'04	12♊39	22°11	22° 8	10°46	20°13	1° 3	11°24	17°45	6° 0	11° 8	9°55	6°37	13°26	M27
T 28	20 25 27	6°16'21	25°59	24°10	23°14	11°29	20°15	1° 3	11°25	17°45	6° 2	11°10	9°52	6°43	13°25	T 28
W29	20 29 24	7°13'38	9♋ 6	26°11	24°20	12°12	20°17	1° 2	11°26	17°46	6° 3	11°R10	9°49	6°50	13°23	W29
T 30	20 33 20	8°10'55	22° 0	28°14	25°26	12°54	20°20	1° 1	11°26	17°47	6° 5	11°10	9°46	6°57	13°22	T 30
F 31	20 37 17	9♌ 8'13	4♌42	0♌18	26♊33	13♊37	20♏22	1♐ 1	11♉27	17♉48	6♍ 7	11♋ 8	9♋42	7♎ 3	13♐21	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n52	22n14	1s 3	18n40	4s16	16n 3	2s53	17n13	0s54	16s38	1n 9	18s11	2n16	14n27	0s31	15n20	1s36	17n31	8n40	22n49	22n48	3n14	16s30	5n57
T 2	22 48	22 49	0n10	18 46	4 13	16 16	2 54	17 25	0 54	16 37	1 9	18 10	2 16	14 28	0 31	15 20	1 36	17 31	8 40	22 49	22 49	3 11	16 29	5 57
F 3	22 43	22 8	1 21	18 52	4 8	16 29	2 55	17 37	0 53	16 37	1 9	18 10	2 16	14 29	0 31	15 21	1 36	17 30	8 39	22 49	22 49	3 8	16 29	5 57
S 4	22 37	20 19	2 27	18 59	4 3	16 42	2 55	17 48	0 53	16 36	1 8	18 10	2 16	14 29	0 31	15 21	1 36	17 30	8 39	22 49	22 49	3 6	16 29	5 56
S 5	22 31	17 33	3 24	19 7	3 57	16 55	2 56	18 0	0 52	16 36	1 8	18 9	2 15	14 30	0 31	15 21	1 36	17 29	8 39	22 49	22 50	3 3	16 29	5 56
M 6	22 25	14 4	4 11	19 16	3 50	17 7	2 56	18 11	0 51	16 36	1 8	18 9	2 15	14 30	0 31	15 22	1 36	17 29	8 39	22 49	22 50	3 1	16 28	5 56
T 7	22 18	10 3	4 45	19 26	3 43	17 20	2 56	18 22	0 51	16 36	1 8	18 9	2 15	14 31	0 31	15 22	1 36	17 28	8 39	22 49	22 50	2 58	16 28	5 56
W 8	22 11	5 42	5 8	19 36	3 35	17 32	2 56	18 32	0 50	16 35	1 7	18 8	2 15	14 31	0 31	15 22	1 37	17 27	8 39	22 49	22 50	2 56	16 28	5 56
T 9	22 4	1 10	5 16	19 47	3 26	17 44	2 56	18 43	0 50	16 35	1 7	18 8	2 15	14 32	0 31	15 23	1 37	17 27	8 39	22 49	22 51	2 53	16 28	5 56
F 10	21 56	3s25	5 12	19 58	3 16	17 56	2 56	18 53	0 49	16 35	1 7	18 8	2 14	14 33	0 31	15 23	1 37	17 26	8 39	22 49	22 51	2 51	16 27	5 56
S 11	21 48	7 55	4 53	20 9	3 6	18 7	2 55	19 3	0 48	16 35	1 7	18 8	2 14	14 33	0 31	15 23	1 37	17 26	8 39	22 49	22 51	2 48	16 27	5 55
S 12	21 39	12 11	4 22	20 21	2 56	18 19	2 55	19 13	0 48	16 35	1 6	18 7	2 14	14 34	0 31	15 24	1 37	17 25	8 38	22 49	22 51	2 46	16 27	5 55
M13	21 30	16 1	3 38	20 32	2 45	18 30	2 54	19 23	0 47	16 35	1 6	18 7	2 14	14 34	0 31	15 24	1 37	17 24	8 38	22 49	22 52	2 43	16 27	5 55
T 14	21 21	19 13	2 42	20 43	2 34	18 40	2 53	19 33	0 46	16 35	1 6	18 7	2 13	14 34	0 31	15 24	1 37	17 24	8 38	22 49	22 52	2 40	16 27	5 55
W15	21 12	21 32	1 36	20 53	2 23	18 51	2 52	19 42	0 46	16 35	1 6	18 7	2 13	14 35	0 31	15 24	1 37	17 23	8 38	22 49	22 52	2 38	16 27	5 55
T 16	21 2	22 42	0 24	21 3	2 11	19 1	2 51	19 51	0 45	16 36	1 5	18 7	2 13	14 35	0 31	15 25	1 37	17 22	8 38	22 49	22 52	2 35	16 27	5 54
F 17	20 51	22 33	0s52	21 13	1 59	19 11	2 50	20 0	0 44	16 36	1 5	18 7	2 13	14 36	0 31	15 25	1 37	17 22	8 38	22 49	22 53	2 33	16 27	5 54
S 18	20 40	20 59	2 6	21 21	1 46	19 20	2 49	20 9	0 44	16 36	1 5	18 7	2 12	14 36	0 31	15 25	1 37	17 21	8 38	22 49	22 53	2 30	16 27	5 54
S 19	20 29	18 4	3 14	21 29	1 34	19 30	2 48	20 18	0 43	16 36	1 5	18 7	2 12	14 37	0 31	15 25	1 37	17 21	8 38	22 49	22 53	2 28	16 27	5 54
M20	20 18	14 1	4 10	21 35	1 21	19 39	2 46	20 26	0 42	16 37	1 4	18 6	2 12	14 37	0 31	15 26	1 37	17 20	8 38	22 49	22 53	2 25	16 27	5 54
T 21	20 6	9 7	4 50	21 40	1 9	19 47	2 45	20 34	0 41	16 37	1 4	18 6	2 12	14 37	0 31	15 26	1 37	17 19	8 38	22 49	22 54	2 22	16 27	5 53
W22	19 54	3 44	5 11	21 44	0 56	19 55	2 43	20 42	0 41	16 38	1 4	18 6	2 12	14 38	0 31	15 26	1 37	17 19	8 38	22 49	22 54	2 20	16 27	5 53
T 23	19 42	1n49	5 13	21 46	0 43	20 3	2 41	20 50	0 40	16 38	1 4	18 6	2 11	14 38	0 31	15 26	1 37	17 18	8 38	22 49	22 54	2 17	16 27	5 53
F 24	19 29	7 12	4 56	21 46	0 31	20 10	2 39	20 57	0 39	16 39	1 3	18 6	2 11	14 38	0 31	15 26	1 37	17 17	8 37	22 49	22 54	2 15	16 27	5 52
S 25	19 16	12 9	4 21	21 44	0 19	20 17	2 38	21 4	0 38	16 39	1 3	18 7	2 11	14 39	0 31	15 27	1 37	17 17	8 37	22 49	22 55	2 12	16 27	5 52
S 26	19 3	16 23	3 31	21 40	0 7	20 24	2 36	21 12	0 38	16 40	1 3	18 7	2 11	14 39	0 31	15 27	1 37	17 16	8 37	22 49	22 55	2 10	16 27	5 52
M27	18 49	19 41	2 30	21 33	0n 5	20 30	2 34	21 18	0 37	16 41	1 3	18 7	2 10	14 39	0 31	15 27	1 38	17 15	8 37	22 49	22 55	2 7	16 27	5 52
T 28	18 35	21 51	1 22	21 24	0 16	20 36	2 31	21 25	0 36	16 42	1 2	18 7	2 10	14 40	0 31	15 27	1 38	17 15	8 37	22 49	22 55	2 4	16 27	5 51
W29	18 21	22 47	0 11	21 13	0 27	20 41	2 29	21 31	0 35	16 42	1 2	18 7	2 10	14 40	0 31	15 27	1 38	17 14	8 37	22 49	22 55	2 2	16 27	5 51
T 30	18 6	22 28	0n59	21 0	0 37	20 46	2 27	21 38	0 35	16 43	1 2	18 7	2 10	14 40	0 31	15 27	1 38	17 13	8 37	22 49	22 56	1 59	16 27	5 51
F 31	17n51	21n 0	2n 5	20n43	0n47	20n50	2s25	21n44	0s34	16s44	1n 2	18s 7	2n 9	14n40	0s31	15n28	1s38	17n13	8n37	22n49	22n56	1n57	16s27	5n50

Julian Day Number = 2887095.5, Delta T = 01h17m43s
Ecliptic obliquity = 23°17'04, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°26'28, Lahiri = 40°33'28

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ASTRODIENST EPHEMERIS for the year 3192
geocentric

AUGUST 3192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 41 13	10♌ 5'31	17♌12	2♌24	27♊39	14♊20	20♏25	1°R 1	11♉28	17♉48	6♍ 9	11°R 5	9♋39	7♎10	13°R19	S 1
S 2	20 45 10	11° 2'49	29°31	4°32	28°46	15° 2	20°28	1♐ 1	11°29	17°49	6°10	11♋ 1	9°36	7°17	13♐18	S 2
M 3	20 49 7	12° 0'07	11♍40	6°40	29°53	15°45	20°31	1°D 1	11°29	17°49	6°12	10°56	9°33	7°24	13°17	M 3
T 4	20 53 3	12°57'25	23°41	8°48	1♋ 0	16°27	20°34	1° 1	11°30	17°50	6°14	10°50	9°30	7°30	13°16	T 4
W 5	20 57 0	13°54'43	5♎36	10°57	2° 7	17° 9	20°37	1° 1	11°30	17°50	6°15	10°45	9°27	7°37	13°16	W 5
T 6	21 0 56	14°52'02	17°28	13° 6	3°14	17°51	20°41	1° 1	11°31	17°51	6°17	10°41	9°23	7°44	13°15	T 6
F 7	21 4 53	15°49'20	29°21	15°14	4°21	18°33	20°44	1° 1	11°31	17°51	6°19	10°38	9°20	7°51	13°14	F 7
S 8	21 8 49	16°46'39	11♏19	17°22	5°29	19°15	20°48	1° 2	11°32	17°52	6°21	10°D36	9°17	7°57	13°14	S 8
S 9	21 12 46	17°43'58	23°27	19°29	6°36	19°57	20°52	1° 2	11°32	17°52	6°22	10°36	9°14	8° 4	13°13	S 9
M10	21 16 42	18°41'17	5♐49	21°35	7°44	20°39	20°56	1° 3	11°32	17°53	6°24	10°37	9°11	8°11	13°13	M10
T 11	21 20 39	19°38'37	18°30	23°40	8°52	21°21	21° 0	1° 3	11°33	17°53	6°26	10°39	9° 8	8°17	13°13	T 11
W12	21 24 36	20°35'56	1♑34	25°44	10° 0	22° 2	21° 5	1° 4	11°33	17°53	6°28	10°40	9° 4	8°24	13°12	W12
T 13	21 28 32	21°33'17	15° 3	27°46	11° 8	22°44	21° 9	1° 5	11°33	17°53	6°30	10°R40	9° 1	8°31	13°D12	T 13
F 14	21 32 29	22°30'37	28°59	29°47	12°16	23°25	21°14	1° 6	11°33	17°54	6°31	10°39	8°58	8°38	13°12	F 14
S 15	21 36 25	23°27'58	13♒20	1♍46	13°25	24° 7	21°19	1° 7	11°33	17°54	6°33	10°36	8°55	8°44	13°13	S 15
S 16	21 40 22	24°25'20	28° 1	3°44	14°33	24°48	21°24	1° 8	11°R33	17°54	6°35	10°31	8°52	8°51	13°13	S 16
M17	21 44 18	25°22'42	12♓54	5°40	15°42	25°29	21°29	1°10	11°33	17°54	6°37	10°25	8°48	8°58	13°13	M17
T 18	21 48 15	26°20'05	27°53	7°35	16°50	26°10	21°35	1°11	11°33	17°54	6°39	10°18	8°45	9° 5	13°14	T 18
W19	21 52 11	27°17'28	12♈47	9°28	17°59	26°51	21°40	1°13	11°33	17°54	6°41	10°12	8°42	9°11	13°14	W19
T 20	21 56 8	28°14'53	27°28	11°19	19° 8	27°32	21°46	1°14	11°33	17°R54	6°42	10° 7	8°39	9°18	13°15	T 20
F 21	22 0 5	29°12'19	11♉52	13° 9	20°17	28°13	21°52	1°16	11°33	17°54	6°44	10° 3	8°36	9°25	13°16	F 21
S 22	22 4 1	0♍ 9'46	25°55	14°57	21°26	28°53	21°58	1°18	11°32	17°54	6°46	10°D 2	8°33	9°31	13°16	S 22
S 23	22 7 58	1° 7'15	9♊37	16°43	22°36	29°34	22° 4	1°19	11°32	17°54	6°48	10° 2	8°29	9°38	13°17	S 23
M24	22 11 54	2° 4'44	22°59	18°28	23°45	0♋15	22°10	1°21	11°32	17°54	6°50	10° 3	8°26	9°45	13°18	M24
T 25	22 15 51	3° 2'15	6♋ 3	20°11	24°54	0°55	22°16	1°23	11°31	17°54	6°52	10°R 4	8°23	9°52	13°20	T 25
W26	22 19 47	3°59'47	18°51	21°53	26° 4	1°35	22°23	1°26	11°31	17°54	6°54	10° 4	8°20	9°58	13°21	W26
T 27	22 23 44	4°57'20	1♌27	23°33	27°14	2°16	22°30	1°28	11°30	17°54	6°55	10° 1	8°17	10° 5	13°22	T 27
F 28	22 27 40	5°54'54	13°51	25°11	28°23	2°56	22°36	1°30	11°30	17°53	6°57	9°57	8°13	10°12	13°24	F 28
S 29	22 31 37	6°52'29	26° 7	26°48	29°33	3°36	22°43	1°33	11°29	17°53	6°59	9°50	8°10	10°18	13°25	S 29
S 30	22 35 34	7°50'05	8♍15	28°23	0♌43	4°16	22°50	1°35	11°28	17°53	7° 1	9°40	8° 7	10°25	13°27	S 30
M31	22 39 30	8♍47'42	20♍16	29♍57	1♌53	4♋55	22♏58	1♐38	11♉28	17♉52	7♍ 3	9♋30	8♋ 4	10♎32	13♐29	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n36	18n30	3n 4	20n24	0n56	20n54	2s22	21n50	0s33	16s45	1n 1	18s 7	2n 9	14n40	0s32	15n28	1s38	17n12	8n37	22n50	22n56	1n54	16s28	5n50
S 2	17 21	15 13	3 54	20 3	1 4	20 57	2 20	21 55	0 32	16 46	1 1	18 8	2 9	14 41	0 32	15 28	1 38	17 11	8 37	22 50	22 56	1 51	16 28	5 50
M 3	17 5	11 20	4 32	19 39	1 12	21 0	2 17	22 1	0 31	16 47	1 1	18 8	2 9	14 41	0 32	15 28	1 38	17 11	8 37	22 50	22 57	1 49	16 28	5 49
T 4	16 49	7 3	4 58	19 13	1 19	21 3	2 14	22 6	0 30	16 48	1 1	18 8	2 8	14 41	0 32	15 28	1 38	17 10	8 37	22 51	22 57	1 46	16 28	5 49
W 5	16 33	2 32	5 10	18 44	1 25	21 4	2 12	22 11	0 30	16 49	1 0	18 8	2 8	14 41	0 32	15 28	1 38	17 9	8 37	22 51	22 57	1 44	16 28	5 49
T 6	16 16	2s 3	5 9	18 13	1 31	21 6	2 9	22 15	0 29	16 50	1 0	18 9	2 8	14 41	0 32	15 28	1 38	17 9	8 37	22 52	22 57	1 41	16 29	5 48
F 7	15 59	6 34	4 55	17 41	1 35	21 7	2 6	22 20	0 28	16 51	1 0	18 9	2 7	14 41	0 32	15 28	1 38	17 8	8 37	22 52	22 58	1 38	16 29	5 48
S 8	15 42	10 53	4 28	17 6	1 39	21 7	2 3	22 24	0 27	16 53	1 0	18 9	2 7	14 41	0 32	15 28	1 38	17 7	8 37	22 52	22 58	1 36	16 29	5 48
S 9	15 25	14 49	3 49	16 30	1 42	21 7	2 0	22 28	0 26	16 54	0 59	18 10	2 7	14 42	0 32	15 28	1 38	17 7	8 37	22 52	22 58	1 33	16 30	5 47
M10	15 8	18 13	2 58	15 52	1 44	21 6	1 57	22 32	0 25	16 55	0 59	18 10	2 7	14 42	0 32	15 28	1 38	17 6	8 37	22 52	22 58	1 31	16 30	5 47
T 11	14 50	20 50	1 58	15 12	1 45	21 5	1 54	22 36	0 25	16 57	0 59	18 10	2 6	14 42	0 32	15 28	1 38	17 5	8 37	22 52	22 58	1 28	16 30	5 47
W12	14 32	22 27	0 49	14 32	1 46	21 4	1 51	22 39	0 24	16 58	0 59	18 11	2 6	14 42	0 32	15 29	1 38	17 5	8 37	22 52	22 59	1 25	16 31	5 46
T 13	14 14	22 50	0s24	13 50	1 46	21 1	1 48	22 42	0 23	16 59	0 59	18 11	2 6	14 42	0 32	15 29	1 38	17 4	8 37	22 52	22 59	1 23	16 31	5 46
F 14	13 55	21 49	1 38	13 7	1 45	20 59	1 45	22 46	0 22	17 1	0 58	18 12	2 6	14 42	0 32	15 29	1 39	17 3	8 37	22 52	22 59	1 20	16 31	5 46
S 15	13 37	19 23	2 47	12 24	1 44	20 55	1 42	22 48	0 21	17 2	0 58	18 12	2 5	14 42	0 32	15 29	1 39	17 3	8 37	22 52	22 59	1 18	16 32	5 45
S 16	13 18	15 39	3 48	11 39	1 42	20 52	1 39	22 51	0 20	17 4	0 58	18 13	2 5	14 42	0 32	15 29	1 39	17 2	8 37	22 52	22 59	1 15	16 32	5 45
M17	12 59	10 53	4 33	10 55	1 39	20 47	1 35	22 53	0 19	17 5	0 58	18 13	2 5	14 42	0 32	15 28	1 39	17 1	8 37	22 53	23 0	1 12	16 32	5 44
T 18	12 39	5 26	5 1	10 10	1 36	20 42	1 32	22 56	0 18	17 7	0 57	18 14	2 5	14 42	0 32	15 28	1 39	17 1	8 37	22 53	23 0	1 10	16 33	5 44
W19	12 20	0n17	5 7	9 24	1 32	20 37	1 29	22 58	0 17	17 9	0 57	18 14	2 4	14 42	0 32	15 28	1 39	17 0	8 37	22 54	23 0	1 7	16 33	5 44
T 20	12 0	5 56	4 54	8 38	1 28	20 31	1 26	22 59	0 16	17 10	0 57	18 15	2 4	14 42	0 32	15 28	1 39	16 59	8 37	22 54	23 0	1 4	16 34	5 43
F 21	11 41	11 8	4 22	7 52	1 24	20 25	1 22	23 1	0 15	17 12	0 57	18 15	2 4	14 41	0 32	15 28	1 39	16 59	8 37	22 54	23 0	1 2	16 34	5 43
S 22	11 21	15 38	3 35	7 6	1 19	20 17	1 19	23 2	0 14	17 14	0 56	18 16	2 4	14 41	0 32	15 28	1 39	16 58	8 37	22 54	23 1	0 59	16 35	5 43
S 23	11 0	19 10	2 36	6 20	1 13	20 10	1 15	23 4	0 13	17 16	0 56	18 17	2 3	14 41	0 32	15 28	1 39	16 57	8 37	22 54	23 1	0 57	16 35	5 42
M24	10 40	21 36	1 31	5 34	1 7	20 2	1 12	23 5	0 13	17 17	0 56	18 17	2 3	14 41	0 32	15 28	1 39	16 57	8 37	22 54	23 1	0 54	16 36	5 42
T 25	10 20	22 47	0 22	4 48	1 1	19 53	1 9	23 5	0 12	17 19	0 56	18 18	2 3	14 41	0 32	15 28	1 39	16 56	8 37	22 54	23 1	0 51	16 36	5 41
W26	9 59	22 45	0n47	4 2	0 54	19 44	1 5	23 6	0 11	17 21	0 56	18 19	2 3	14 41	0 32	15 28	1 39	16 55	8 37	22 54	23 1	0 49	16 37	5 41
T 27	9 38	21 32	1 52	3 17	0 48	19 34	1 2	23 6	0 10	17 23	0 55	18 19	2 2	14 41	0 32	15 28	1 39	16 55	8 37	22 55	23 2	0 46	16 37	5 41
F 28	9 17	19 17	2 51	2 31	0 40	19 24	0 58	23 7	0 9	17 25	0 55	18 20	2 2	14 40	0 32	15 28	1 39	16 54	8 37	22 55	23 2	0 43	16 38	5 40
S 29	8 56	16 11	3 40	1 46	0 33	19 13	0 55	23 7	0 8	17 27	0 55	18 21	2 2	14 40	0 32	15 28	1 39	16 53	8 38	22 55	23 2	0 41	16 38	5 40
S 30	8 35	12 26	4 19	1 1	0 25	19 2	0 51	23 6	0 7	17 29	0 55	18 21	2 2	14 40	0 32	15 27	1 39	16 53	8 38	22 56	23 2	0 38	16 39	5 39
M31	8n13	8n13	4n47	0n17	0n17	18n50	0s48	23n 6	0s 6	17s31	0n55	18s22	2n 1	14n40	0s32	15n27	1s40	16n52	8n38	22n57	23n 2	0n36	16s40	5n39

Julian Day Number = 2887126.5, Delta T = 01h17m44s
Ecliptic obliquity = 23°17'05, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°26'32, Lahiri = 40°33'33

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ASTRODIENST EPHEMERIS for the year 3192
geocentric

SEPTEMBER 3192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 43 27	9♍45'21	2♎13	1♎29	3♌ 4	5♋35	23♏ 5	1♐40	11°R27	17°R52	7♍ 5	9°R18	8♋ 1	10♎39	13♐30	T 1
W 2	22 47 23	10°43'00	14° 5	3° 0	4°14	6°14	23°12	1°43	11♉26	17♉52	7° 7	9♋ 7	7°58	10°45	13°32	W 2
T 3	22 51 20	11°40'40	25°56	4°29	5°24	6°54	23°20	1°46	11°25	17°51	7° 9	8°58	7°54	10°52	13°34	T 3
F 4	22 55 16	12°38'22	7♏48	5°57	6°35	7°33	23°28	1°49	11°24	17°51	7°10	8°50	7°51	10°59	13°36	F 4
S 5	22 59 13	13°36'04	19°45	7°22	7°45	8°12	23°36	1°52	11°23	17°50	7°12	8°45	7°48	11° 6	13°39	S 5
S 6	23 3 9	14°33'48	1♐50	8°47	8°56	8°52	23°44	1°55	11°22	17°50	7°14	8°42	7°45	11°12	13°41	S 6
M 7	23 7 6	15°31'32	14° 8	10° 9	10° 6	9°30	23°52	1°58	11°21	17°49	7°16	8°D42	7°42	11°19	13°43	M 7
T 8	23 11 2	16°29'18	26°45	11°30	11°17	10° 9	24° 0	2° 2	11°20	17°49	7°18	8°42	7°39	11°26	13°46	T 8
W 9	23 14 59	17°27'04	9♑45	12°49	12°28	10°48	24° 8	2° 5	11°19	17°48	7°20	8°R42	7°35	11°32	13°48	W 9
T 10	23 18 56	18°24'52	23°12	14° 7	13°39	11°27	24°17	2° 9	11°18	17°47	7°22	8°41	7°32	11°39	13°51	T 10
F 11	23 22 52	19°22'40	7♒ 8	15°22	14°50	12° 5	24°25	2°12	11°17	17°47	7°23	8°39	7°29	11°46	13°54	F 11
S 12	23 26 49	20°20'30	21°32	16°36	16° 1	12°44	24°34	2°16	11°16	17°46	7°25	8°33	7°26	11°53	13°57	S 12
S 13	23 30 45	21°18'21	6♓23	17°48	17°12	13°22	24°43	2°19	11°14	17°45	7°27	8°26	7°23	11°59	14° 0	S 13
M14	23 34 42	22°16'13	21°31	18°58	18°23	14° 0	24°51	2°23	11°13	17°44	7°29	8°16	7°19	12° 6	14° 3	M14
T 15	23 38 38	23°14'07	6♈47	20° 5	19°35	14°38	25° 0	2°27	11°12	17°44	7°31	8° 6	7°16	12°13	14° 6	T 15
W16	23 42 35	24°12'02	22° 1	21°11	20°46	15°16	25°10	2°31	11°10	17°43	7°32	7°56	7°13	12°19	14° 9	W16
T 17	23 46 31	25° 9'59	7♉ 0	22°14	21°58	15°53	25°19	2°35	11° 9	17°42	7°34	7°47	7°10	12°26	14°12	T 17
F 18	23 50 28	26° 7'58	21°39	23°15	23° 9	16°31	25°28	2°39	11° 7	17°41	7°36	7°41	7° 7	12°33	14°16	F 18
S 19	23 54 25	27° 5'58	5♊51	24°13	24°21	17° 9	25°38	2°43	11° 6	17°40	7°38	7°38	7° 4	12°40	14°19	S 19
S 20	23 58 21	28° 4'01	19°37	25° 8	25°33	17°46	25°47	2°48	11° 4	17°39	7°40	7°37	7° 0	12°46	14°23	S 20
M21	0 2 18	29° 2'05	2♋57	26° 0	26°45	18°23	25°57	2°52	11° 3	17°38	7°41	7°36	6°57	12°53	14°26	M21
T 22	0 6 14	0♎ 0'11	15°55	26°50	27°56	19° 0	26° 6	2°56	11° 1	17°37	7°43	7°36	6°54	13° 0	14°30	T 22
W23	0 10 11	0°58'19	28°33	27°36	29° 8	19°37	26°16	3° 1	10°59	17°36	7°45	7°35	6°51	13° 7	14°34	W23
T 24	0 14 7	1°56'29	10♌58	28°19	0♍20	20°14	26°26	3° 6	10°58	17°35	7°47	7°31	6°48	13°13	14°38	T 24
F 25	0 18 4	2°54'40	23°11	28°57	1°33	20°51	26°36	3°10	10°56	17°34	7°48	7°25	6°45	13°20	14°42	F 25
S 26	0 22 0	3°52'54	5♍16	29°32	2°45	21°27	26°46	3°15	10°54	17°33	7°50	7°16	6°41	13°27	14°46	S 26
S 27	0 25 57	4°51'09	17°15	0♏ 3	3°57	22° 3	26°56	3°20	10°52	17°32	7°52	7° 4	6°38	13°33	14°50	S 27
M28	0 29 54	5°49'26	29°10	0°29	5° 9	22°40	27° 7	3°25	10°50	17°31	7°53	6°51	6°35	13°40	14°54	M28
T 29	0 33 50	6°47'45	11♎ 3	0°50	6°22	23°16	27°17	3°29	10°49	17°30	7°55	6°36	6°32	13°47	14°59	T 29
W30	0 37 47	7♎46'05	22♎54	1♏ 6	7♍34	23♋51	27♏28	3♐34	10♉47	17♉28	7♍57	6♋22	6♋29	13♎54	15♐ 3	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n52	3n44	5n 1	0s27	0n 9	18n38	0s45	23n 6	0s 5	17s33	0n54	18s23	2n 1	14n40	0s32	15n27	1s40	16n52	8n38	22n58	23n 3	0n33	16s40	5n39
W 2	7 30	0s52	5 2	1 10	0 1	18 25	0 41	23 5	0 3	17 35	0 54	18 24	2 1	14 39	0 32	15 27	1 40	16 51	8 38	22 58	23 3	0 30	16 41	5 38
T 3	7 8	5 26	4 50	1 53	0s 8	18 11	0 38	23 4	0 2	17 37	0 54	18 25	2 1	14 39	0 32	15 27	1 40	16 50	8 38	22 59	23 3	0 28	16 41	5 38
F 4	6 46	9 49	4 26	2 36	0 16	17 57	0 34	23 3	0 1	17 39	0 54	18 25	2 0	14 39	0 32	15 27	1 40	16 50	8 38	23 0	23 3	0 25	16 42	5 38
S 5	6 24	13 52	3 50	3 18	0 25	17 43	0 31	23 2	0 0	17 41	0 53	18 26	2 0	14 38	0 32	15 26	1 40	16 49	8 38	23 0	23 3	0 22	16 43	5 37
S 6	6 2	17 24	3 3	3 59	0 34	17 28	0 27	23 0	0n 1	17 43	0 53	18 27	2 0	14 38	0 32	15 26	1 40	16 48	8 38	23 0	23 4	0 20	16 43	5 37
M 7	5 40	20 15	2 7	4 40	0 43	17 13	0 24	22 59	0 2	17 46	0 53	18 28	2 0	14 38	0 32	15 26	1 40	16 48	8 38	23 0	23 4	0 17	16 44	5 36
T 8	5 18	22 12	1 3	5 19	0 52	16 57	0 21	22 57	0 3	17 48	0 53	18 29	2 0	14 37	0 32	15 26	1 40	16 47	8 38	23 0	23 4	0 14	16 45	5 36
W 9	4 56	23 1	0s 6	5 59	1 2	16 41	0 17	22 55	0 4	17 50	0 53	18 30	1 59	14 37	0 32	15 26	1 40	16 47	8 39	23 0	23 4	0 12	16 45	5 36
T 10	4 33	22 33	1 16	6 37	1 11	16 24	0 14	22 53	0 5	17 52	0 53	18 31	1 59	14 37	0 32	15 25	1 40	16 46	8 39	23 0	23 4	0 9	16 46	5 35
F 11	4 11	20 42	2 25	7 15	1 20	16 7	0 11	22 50	0 6	17 54	0 52	18 32	1 59	14 36	0 32	15 25	1 40	16 46	8 39	23 0	23 5	0 6	16 47	5 35
S 12	3 48	17 29	3 26	7 52	1 29	15 49	0 7	22 48	0 7	17 57	0 52	18 32	1 59	14 36	0 32	15 25	1 40	16 45	8 39	23 1	23 5	0 4	16 47	5 34
S 13	3 26	13 5	4 16	8 28	1 39	15 31	0 4	22 45	0 8	17 59	0 52	18 33	1 58	14 36	0 32	15 25	1 40	16 44	8 39	23 1	23 5	0 1	16 48	5 34
M14	3 3	7 46	4 49	9 3	1 48	15 12	0 1	22 43	0 9	18 1	0 52	18 34	1 58	14 35	0 32	15 24	1 40	16 44	8 39	23 2	23 5	0s 2	16 49	5 34
T 15	2 40	1 56	5 1	9 37	1 57	14 53	0n 2	22 40	0 11	18 4	0 52	18 35	1 58	14 35	0 32	15 24	1 40	16 43	8 39	23 2	23 5	0 4	16 49	5 33
W16	2 17	4n 0	4 52	10 10	2 7	14 34	0 5	22 37	0 12	18 6	0 51	18 36	1 58	14 34	0 32	15 24	1 40	16 43	8 39	23 3	23 5	0 7	16 50	5 33
T 17	1 55	9 37	4 23	10 42	2 16	14 14	0 9	22 34	0 13	18 8	0 51	18 37	1 58	14 34	0 32	15 24	1 40	16 42	8 40	23 3	23 6	0 9	16 51	5 33
F 18	1 32	14 33	3 38	11 13	2 25	13 54	0 12	22 30	0 14	18 11	0 51	18 38	1 57	14 33	0 32	15 23	1 40	16 42	8 40	23 4	23 6	0 12	16 52	5 32
S 19	1 9	18 32	2 39	11 43	2 34	13 33	0 15	22 27	0 15	18 13	0 51	18 39	1 57	14 33	0 32	15 23	1 40	16 41	8 40	23 4	23 6	0 15	16 52	5 32
S 20	0 46	21 20	1 34	12 11	2 43	13 12	0 18	22 23	0 16	18 16	0 51	18 40	1 57	14 32	0 32	15 23	1 41	16 41	8 40	23 4	23 6	0 17	16 53	5 32
M21	0 23	22 51	0 25	12 38	2 51	12 51	0 21	22 19	0 18	18 18	0 51	18 41	1 57	14 32	0 32	15 22	1 41	16 40	8 40	23 4	23 6	0 20	16 54	5 31
T 22	0s 0	23 4	0n44	13 4	3 0	12 29	0 24	22 15	0 19	18 20	0 50	18 42	1 56	14 31	0 32	15 22	1 41	16 39	8 40	23 4	23 6	0 23	16 55	5 31
W23	0 23	22 5	1 48	13 28	3 8	12 7	0 27	22 11	0 20	18 23	0 50	18 43	1 56	14 31	0 32	15 22	1 41	16 39	8 40	23 4	23 7	0 25	16 55	5 31
T 24	0 46	20 2	2 46	13 51	3 15	11 44	0 30	22 7	0 21	18 25	0 50	18 45	1 56	14 30	0 32	15 21	1 41	16 38	8 41	23 4	23 7	0 28	16 56	5 30
F 25	1 9	17 6	3 36	14 12	3 23	11 22	0 32	22 3	0 22	18 28	0 50	18 46	1 56	14 30	0 32	15 21	1 41	16 38	8 41	23 5	23 7	0 31	16 57	5 30
S 26	1 32	13 28	4 15	14 31	3 30	10 59	0 35	21 58	0 24	18 30	0 50	18 47	1 56	14 29	0 32	15 21	1 41	16 37	8 41	23 5	23 7	0 33	16 58	5 30
S 27	1 55	9 20	4 42	14 48	3 37	10 35	0 38	21 54	0 25	18 33	0 50	18 48	1 55	14 29	0 32	15 20	1 41	16 37	8 41	23 6	23 7	0 36	16 58	5 29
M28	2 18	4 52	4 57	15 3	3 43	10 11	0 40	21 49	0 26	18 35	0 49	18 49	1 55	14 28	0 32	15 20	1 41	16 37	8 41	23 7	23 7	0 39	16 59	5 29
T 29	2 41	0 14	4 58	15 15	3 48	9 47	0 43	21 45	0 27	18 38	0 49	18 50	1 55	14 27	0 32	15 20	1 41	16 36	8 42	23 7	23 8	0 41	17 0	5 29
W30	3s 4	4s24	4n47	15s25	3s53	9n23	0n46	21n40	0n28	18s40	0n49	18s51	1n55	14n27	0s33	15n19	1s41	16n36	8n42	23n 8	23n 8	0s44	17s 1	5n28

Julian Day Number = 2887157.5, Delta T = 01h17m45s
Ecliptic obliquity = 23°17'05, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°26'36, Lahiri = 40°33'37

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ASTRODIENST EPHEMERIS for the year 3192
geocentric

OCTOBER 3192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 41 43	8♎44'27	4♏46	1♏16	8♍47	24♋27	27♏38	3♐39	10°R45	17°R27	7♍58	6°R10	6♋25	14♎ 0	15♐ 7	T 1
F 2	0 45 40	9°42'51	16°40	1°R21	9°59	25° 3	27°49	3°45	10♉43	17♉26	8° 0	6♋ 0	6°22	14° 7	15°12	F 2
S 3	0 49 36	10°41'17	28°39	1°19	11°12	25°38	27°59	3°50	10°41	17°25	8° 2	5°52	6°19	14°14	15°17	S 3
S 4	0 53 33	11°39'44	10♐46	1°11	12°25	26°13	28°10	3°55	10°39	17°24	8° 3	5°48	6°16	14°20	15°21	S 4
M 5	0 57 29	12°38'12	23° 4	0°56	13°38	26°48	28°21	4° 0	10°37	17°22	8° 5	5°46	6°13	14°27	15°26	M 5
T 6	1 1 26	13°36'43	5♑38	0°34	14°51	27°23	28°32	4° 6	10°35	17°21	8° 7	5°D46	6°10	14°34	15°31	T 6
W 7	1 5 22	14°35'14	18°33	0° 5	16° 3	27°58	28°43	4°11	10°33	17°20	8° 8	5°R46	6° 6	14°41	15°36	W 7
T 8	1 9 19	15°33'48	1♒53	29♎29	17°16	28°32	28°54	4°17	10°30	17°18	8°10	5°45	6° 3	14°47	15°41	T 8
F 9	1 13 16	16°32'23	15°41	28°47	18°29	29° 7	29° 5	4°22	10°28	17°17	8°11	5°42	6° 0	14°54	15°46	F 9
S 10	1 17 12	17°30'59	29°58	27°58	19°43	29°41	29°17	4°28	10°26	17°15	8°13	5°37	5°57	15° 1	15°51	S 10
S 11	1 21 9	18°29'37	14♓42	27° 3	20°56	0♌15	29°28	4°33	10°24	17°14	8°14	5°29	5°54	15° 8	15°56	S 11
M12	1 25 5	19°28'17	29°48	26° 4	22° 9	0°49	29°39	4°39	10°22	17°13	8°16	5°20	5°50	15°14	16° 1	M12
T 13	1 29 2	20°26'58	15♈ 7	25° 0	23°22	1°22	29°51	4°45	10°19	17°11	8°17	5° 9	5°47	15°21	16° 7	T 13
W14	1 32 58	21°25'42	0♉27	23°55	24°36	1°56	0♐ 2	4°51	10°17	17°10	8°19	4°59	5°44	15°28	16°12	W14
T 15	1 36 55	22°24'27	15°37	22°48	25°49	2°29	0°14	4°57	10°15	17° 8	8°20	4°50	5°41	15°34	16°17	T 15
F 16	1 40 51	23°23'14	0♊27	21°42	27° 2	3° 2	0°26	5° 3	10°13	17° 7	8°22	4°44	5°38	15°41	16°23	F 16
S 17	1 44 48	24°22'04	14°51	20°39	28°16	3°35	0°37	5° 9	10°10	17° 5	8°23	4°40	5°35	15°48	16°28	S 17
S 18	1 48 45	25°20'56	28°45	19°40	29°29	4° 8	0°49	5°15	10° 8	17° 4	8°24	4°D39	5°31	15°55	16°34	S 18
M19	1 52 41	26°19'50	12♋11	18°46	0♎43	4°40	1° 1	5°21	10° 6	17° 2	8°26	4°39	5°28	16° 1	16°40	M19
T 20	1 56 38	27°18'46	25°12	18° 0	1°57	5°12	1°13	5°27	10° 3	17° 1	8°27	4°R39	5°25	16° 8	16°46	T 20
W21	2 0 34	28°17'45	7♌50	17°22	3°10	5°44	1°25	5°33	10° 1	16°59	8°28	4°39	5°22	16°15	16°51	W21
T 22	2 4 31	29°16'46	20°11	16°54	4°24	6°16	1°37	5°39	9°59	16°57	8°30	4°37	5°19	16°21	16°57	T 22
F 23	2 8 27	0♏15'49	2♍19	16°36	5°38	6°48	1°49	5°46	9°56	16°56	8°31	4°32	5°16	16°28	17° 3	F 23
S 24	2 12 24	1°14'54	14°18	16°D28	6°52	7°19	2° 1	5°52	9°54	16°54	8°32	4°25	5°12	16°35	17° 9	S 24
S 25	2 16 20	2°14'01	26°12	16°31	8° 6	7°50	2°13	5°58	9°51	16°53	8°33	4°16	5° 9	16°42	17°15	S 25
M26	2 20 17	3°13'10	8♎ 4	16°44	9°20	8°21	2°26	6° 5	9°49	16°51	8°35	4° 4	5° 6	16°48	17°21	M26
T 27	2 24 14	4°12'22	19°56	17° 8	10°34	8°52	2°38	6°11	9°47	16°49	8°36	3°52	5° 3	16°55	17°27	T 27
W28	2 28 10	5°11'35	1♏49	17°41	11°48	9°22	2°50	6°18	9°44	16°48	8°37	3°41	5° 0	17° 2	17°34	W28
T 29	2 32 7	6°10'51	13°46	18°23	13° 2	9°52	3° 3	6°24	9°42	16°46	8°38	3°31	4°56	17° 8	17°40	T 29
F 30	2 36 3	7°10'08	25°46	19°14	14°16	10°22	3°15	6°31	9°39	16°44	8°39	3°22	4°53	17°15	17°46	F 30
S 31	2 40 0	8♏ 9'28	7♐53	20♎12	15♎30	10♌52	3♐28	6♐37	9♉37	16♉43	8♍40	3♋17	4♋50	17♎22	17♐52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s27	8s53	4n23	15s32	3s57	8n58	0n48	21n35	0n30	18s43	0n49	18s52	1n55	14n26	0s33	15n19	1s41	16n35	8n42	23n 9	23n 8	0s47	17s 2	5n28
F 2	3 49	13 4	3 48	15 37	4 0	8 33	0 51	21 30	0 31	18 45	0 49	18 53	1 54	14 26	0 33	15 19	1 41	16 35	8 42	23 9	23 8	0 50	17 2	5 28
S 3	4 12	16 46	3 2	15 38	4 2	8 8	0 53	21 24	0 32	18 48	0 49	18 54	1 54	14 25	0 33	15 18	1 41	16 34	8 42	23 9	23 8	0 52	17 3	5 27
S 4	4 35	19 48	2 8	15 36	4 3	7 43	0 55	21 19	0 34	18 50	0 48	18 56	1 54	14 24	0 33	15 18	1 41	16 34	8 43	23 10	23 8	0 55	17 4	5 27
M 5	4 58	22 0	1 7	15 30	4 2	7 17	0 58	21 14	0 35	18 53	0 48	18 57	1 54	14 24	0 33	15 17	1 41	16 33	8 43	23 10	23 8	0 58	17 5	5 27
T 6	5 20	23 9	0 1	15 21	4 1	6 51	1 0	21 8	0 36	18 55	0 48	18 58	1 54	14 23	0 33	15 17	1 41	16 33	8 43	23 10	23 9	1 0	17 5	5 27
W 7	5 43	23 7	1s 7	15 8	3 58	6 25	1 2	21 3	0 38	18 58	0 48	18 59	1 54	14 22	0 33	15 17	1 41	16 33	8 43	23 10	23 9	1 3	17 6	5 26
T 8	6 5	21 47	2 13	14 51	3 53	5 59	1 4	20 57	0 39	19 0	0 48	19 0	1 53	14 22	0 33	15 16	1 41	16 32	8 43	23 10	23 9	1 6	17 7	5 26
F 9	6 28	19 8	3 14	14 30	3 46	5 32	1 6	20 52	0 40	19 3	0 48	19 1	1 53	14 21	0 33	15 16	1 41	16 32	8 44	23 10	23 9	1 8	17 8	5 26
S 10	6 50	15 14	4 5	14 4	3 38	5 6	1 8	20 46	0 42	19 6	0 48	19 3	1 53	14 20	0 33	15 15	1 41	16 32	8 44	23 10	23 9	1 11	17 9	5 25
S 11	7 12	10 19	4 42	13 35	3 27	4 39	1 10	20 40	0 43	19 8	0 47	19 4	1 53	14 20	0 33	15 15	1 41	16 31	8 44	23 10	23 9	1 14	17 9	5 25
M12	7 34	4 40	5 0	13 2	3 15	4 12	1 12	20 34	0 44	19 11	0 47	19 5	1 53	14 19	0 33	15 14	1 41	16 31	8 44	23 11	23 9	1 16	17 10	5 25
T 13	7 56	1n21	4 57	12 26	3 1	3 45	1 14	20 28	0 46	19 13	0 47	19 6	1 53	14 18	0 33	15 14	1 41	16 30	8 44	23 11	23 10	1 19	17 11	5 25
W14	8 18	7 18	4 32	11 47	2 46	3 17	1 15	20 22	0 47	19 16	0 47	19 7	1 52	14 18	0 33	15 14	1 41	16 30	8 45	23 12	23 10	1 22	17 12	5 24
T 15	8 40	12 45	3 49	11 7	2 29	2 50	1 17	20 16	0 48	19 18	0 47	19 9	1 52	14 17	0 33	15 13	1 41	16 30	8 45	23 12	23 10	1 24	17 13	5 24
F 16	9 2	17 20	2 51	10 25	2 10	2 22	1 18	20 10	0 50	19 21	0 47	19 10	1 52	14 16	0 33	15 13	1 41	16 29	8 45	23 12	23 10	1 27	17 13	5 24
S 17	9 23	20 43	1 43	9 43	1 51	1 55	1 20	20 4	0 51	19 23	0 47	19 11	1 52	14 15	0 33	15 12	1 41	16 29	8 45	23 12	23 10	1 30	17 14	5 24
S 18	9 45	22 45	0 31	9 2	1 30	1 27	1 21	19 57	0 53	19 26	0 46	19 12	1 52	14 15	0 33	15 12	1 42	16 29	8 46	23 12	23 10	1 32	17 15	5 23
M19	10 6	23 24	0n40	8 23	1 10	0 59	1 23	19 51	0 54	19 28	0 46	19 13	1 52	14 14	0 33	15 11	1 42	16 29	8 46	23 12	23 10	1 35	17 16	5 23
T 20	10 27	22 43	1 47	7 47	0 50	0 31	1 24	19 45	0 56	19 31	0 46	19 15	1 51	14 13	0 33	15 11	1 42	16 28	8 46	23 12	23 10	1 38	17 16	5 23
W21	10 48	20 53	2 47	7 14	0 29	0 3	1 25	19 38	0 57	19 34	0 46	19 16	1 51	14 13	0 33	15 10	1 42	16 28	8 46	23 12	23 11	1 41	17 17	5 23
T 22	11 9	18 6	3 37	6 45	0 10	0s25	1 26	19 32	0 59	19 36	0 46	19 17	1 51	14 12	0 33	15 10	1 42	16 28	8 47	23 12	23 11	1 43	17 18	5 23
F 23	11 29	14 35	4 17	6 21	0n 8	0 53	1 27	19 25	1 0	19 39	0 46	19 18	1 51	14 11	0 33	15 10	1 42	16 28	8 47	23 12	23 11	1 46	17 19	5 22
S 24	11 50	10 31	4 45	6 2	0 26	1 21	1 28	19 19	1 2	19 41	0 46	19 20	1 51	14 10	0 33	15 9	1 42	16 27	8 47	23 13	23 11	1 49	17 19	5 22
S 25	12 10	6 6	5 0	5 48	0 42	1 49	1 29	19 13	1 3	19 44	0 46	19 21	1 51	14 10	0 33	15 9	1 42	16 27	8 48	23 13	23 11	1 51	17 20	5 22
M26	12 30	1 27	5 2	5 40	0 56	2 18	1 30	19 6	1 5	19 46	0 45	19 22	1 51	14 9	0 33	15 8	1 42	16 27	8 48	23 13	23 11	1 54	17 21	5 22
T 27	12 50	3s14	4 52	5 37	1 9	2 46	1 31	19 0	1 6	19 49	0 45	19 23	1 50	14 8	0 33	15 8	1 42	16 27	8 48	23 14	23 11	1 57	17 22	5 22
W28	13 10	7 50	4 28	5 39	1 21	3 14	1 32	18 53	1 8	19 51	0 45	19 24	1 50	14 7	0 33	15 7	1 42	16 27	8 48	23 14	23 11	1 59	17 22	5 21
T 29	13 30	12 10	3 53	5 46	1 31	3 42	1 32	18 47	1 9	19 54	0 45	19 26	1 50	14 7	0 33	15 7	1 42	16 26	8 49	23 14	23 12	2 2	17 23	5 21
F 30	13 49	16 3	3 6	5 57	1 40	4 10	1 33	18 40	1 11	19 56	0 45	19 27	1 50	14 6	0 33	15 6	1 42	16 26	8 49	23 15	23 12	2 5	17 24	5 21
S 31	14s 8	19s19	2n11	6s12	1n47	4s38	1n33	18n34	1n13	19s58	0n45	19s28	1n50	14n 5	0s33	15n 6	1s42	16n26	8n49	23n15	23n12	2s 8	17s24	5n21

Julian Day Number = 2887187.5, Delta T = 01h17m45s
Ecliptic obliquity = 23°17'06, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°26'41, Lahiri = 40°33'41

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ASTRODIENST EPHEMERIS for the year 3192
geocentric

NOVEMBER 3192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 43 56	9♏ 8'49	20♐ 8	21♎18	16♎44	11♌21	3♐40	6♐44	9°R34	16°R41	8♍41	3°R13	4♋47	17♎29	17♐59	S 1
M 2	2 47 53	10° 8'12	2♑33	22°29	17°59	11°50	3°53	6°50	9♉32	16♉39	8°43	3°D12	4°44	17°35	18° 5	M 2
T 3	2 51 49	11° 7'37	15°12	23°45	19°13	12°19	4° 5	6°57	9°30	16°38	8°44	3♋13	4°41	17°42	18°12	T 3
W 4	2 55 46	12° 7'04	28° 8	25° 6	20°27	12°47	4°18	7° 4	9°27	16°36	8°45	3°14	4°37	17°49	18°18	W 4
T 5	2 59 43	13° 6'32	11♒25	26°31	21°42	13°16	4°31	7°11	9°25	16°34	8°46	3°R15	4°34	17°56	18°25	T 5
F 6	3 3 39	14° 6'02	25° 4	28° 0	22°56	13°43	4°43	7°17	9°22	16°33	8°47	3°14	4°31	18° 2	18°31	F 6
S 7	3 7 36	15° 5'33	9♓ 9	29°31	24°10	14°11	4°56	7°24	9°20	16°31	8°47	3°12	4°28	18° 9	18°38	S 7
S 8	3 11 32	16° 5'06	23°37	1♏ 4	25°25	14°38	5° 9	7°31	9°17	16°29	8°48	3° 7	4°25	18°16	18°45	S 8
M 9	3 15 29	17° 4'41	8♈27	2°39	26°39	15° 5	5°22	7°38	9°15	16°28	8°49	3° 1	4°22	18°22	18°51	M 9
T 10	3 19 25	18° 4'18	23°30	4°16	27°54	15°32	5°35	7°45	9°13	16°26	8°50	2°55	4°18	18°29	18°58	T 10
W11	3 23 22	19° 3'56	8♉39	5°54	29° 9	15°59	5°47	7°52	9°10	16°24	8°51	2°48	4°15	18°36	19° 5	W11
T 12	3 27 18	20° 3'36	23°43	7°32	0♏23	16°25	6° 0	7°59	9° 8	16°23	8°52	2°42	4°12	18°43	19°12	T 12
F 13	3 31 15	21° 3'19	8♊32	9°11	1°38	16°50	6°13	8° 6	9° 5	16°21	8°53	2°38	4° 9	18°49	19°19	F 13
S 14	3 35 12	22° 3'03	23° 0	10°51	2°52	17°16	6°26	8°13	9° 3	16°19	8°53	2°36	4° 6	18°56	19°26	S 14
S 15	3 39 8	23° 2'49	7♋ 1	12°31	4° 7	17°41	6°39	8°20	9° 1	16°18	8°54	2°D35	4° 2	19° 3	19°33	S 15
M16	3 43 5	24° 2'38	20°35	14°11	5°22	18° 6	6°52	8°27	8°58	16°16	8°55	2°36	3°59	19° 9	19°40	M16
T 17	3 47 1	25° 2'29	3♌42	15°51	6°37	18°30	7° 5	8°34	8°56	16°14	8°55	2°38	3°56	19°16	19°47	T 17
W18	3 50 58	26° 2'21	16°25	17°31	7°51	18°54	7°18	8°41	8°54	16°13	8°56	2°39	3°53	19°23	19°54	W18
T 19	3 54 54	27° 2'16	28°49	19°11	9° 6	19°18	7°32	8°48	8°51	16°11	8°57	2°R40	3°50	19°30	20° 1	T 19
F 20	3 58 51	28° 2'13	10♍58	20°51	10°21	19°41	7°45	8°55	8°49	16° 9	8°57	2°39	3°47	19°36	20° 8	F 20
S 21	4 2 47	29° 2'12	22°57	22°31	11°36	20° 4	7°58	9° 2	8°47	16° 8	8°58	2°36	3°43	19°43	20°15	S 21
S 22	4 6 44	0♐ 2'13	4♎50	24°10	12°51	20°26	8°11	9° 9	8°45	16° 6	8°58	2°32	3°40	19°50	20°22	S 22
M23	4 10 41	1° 2'16	16°41	25°48	14° 6	20°48	8°24	9°17	8°43	16° 5	8°59	2°27	3°37	19°56	20°29	M23
T 24	4 14 37	2° 2'21	28°34	27°27	15°21	21°10	8°37	9°24	8°40	16° 3	8°59	2°22	3°34	20° 3	20°36	T 24
W25	4 18 34	3° 2'28	10♏31	29° 5	16°36	21°31	8°50	9°31	8°38	16° 1	9° 0	2°16	3°31	20°10	20°44	W25
T 26	4 22 30	4° 2'37	22°34	0♐43	17°51	21°52	9° 4	9°38	8°36	16° 0	9° 0	2°11	3°28	20°17	20°51	T 26
F 27	4 26 27	5° 2'48	4♐45	2°20	19° 6	22°12	9°17	9°45	8°34	15°58	9° 1	2° 7	3°24	20°23	20°58	F 27
S 28	4 30 23	6° 3'00	17° 5	3°57	20°21	22°32	9°30	9°52	8°32	15°57	9° 1	2° 5	3°21	20°30	21° 5	S 28
S 29	4 34 20	7° 3'14	29°35	5°34	21°36	22°51	9°43	10° 0	8°30	15°55	9° 1	2°D 4	3°18	20°37	21°13	S 29
M30	4 38 16	8♐ 3'30	12♑17	7♐11	22♏51	23♌10	9♐57	10♐ 7	8♉28	15♉54	9♍ 2	2♋ 4	3♋15	20♎43	21♐20	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s27	21s46	1n10	6s31	1n52	5s 6	1n34	18n27	1n14	20s 1	0n45	19s29	1n50	14n 4	0s33	15n 5	1s42	16n26	8n49	23n15	23n12	2s10	17s25	5n21
M 2	14 46	23 12	0 4	6 53	1 57	5 34	1 34	18 21	1 16	20 3	0 45	19 31	1 50	14 4	0 33	15 5	1 42	16 26	8 50	23 15	23 12	2 13	17 26	5 21
T 3	15 4	23 29	1s 4	7 18	2 0	6 1	1 34	18 14	1 17	20 6	0 45	19 32	1 50	14 3	0 33	15 4	1 42	16 26	8 50	23 15	23 12	2 16	17 26	5 21
W 4	15 22	22 31	2 10	7 46	2 2	6 29	1 34	18 8	1 19	20 8	0 45	19 33	1 50	14 2	0 33	15 4	1 42	16 26	8 50	23 15	23 12	2 18	17 27	5 20
T 5	15 40	20 18	3 11	8 16	2 3	6 56	1 34	18 1	1 21	20 11	0 44	19 34	1 49	14 1	0 32	15 3	1 42	16 25	8 51	23 15	23 12	2 21	17 28	5 20
F 6	15 58	16 53	4 3	8 47	2 3	7 24	1 34	17 55	1 22	20 13	0 44	19 35	1 49	14 0	0 32	15 3	1 42	16 25	8 51	23 15	23 12	2 24	17 28	5 20
S 7	16 16	12 26	4 42	9 20	2 2	7 51	1 34	17 49	1 24	20 15	0 44	19 37	1 49	14 0	0 32	15 2	1 42	16 25	8 51	23 15	23 13	2 27	17 29	5 20
S 8	16 33	7 10	5 4	9 54	2 0	8 18	1 34	17 42	1 26	20 18	0 44	19 38	1 49	13 59	0 32	15 2	1 42	16 25	8 52	23 15	23 13	2 29	17 30	5 20
M 9	16 50	1 23	5 7	10 28	1 58	8 45	1 34	17 36	1 28	20 20	0 44	19 39	1 49	13 58	0 32	15 2	1 42	16 25	8 52	23 15	23 13	2 32	17 30	5 20
T 10	17 6	4n36	4 49	11 4	1 54	9 12	1 34	17 30	1 29	20 22	0 44	19 40	1 49	13 57	0 32	15 1	1 42	16 25	8 52	23 15	23 13	2 35	17 31	5 20
W11	17 23	10 20	4 10	11 39	1 51	9 38	1 33	17 24	1 31	20 25	0 44	19 41	1 49	13 57	0 32	15 1	1 42	16 25	8 52	23 15	23 13	2 37	17 32	5 20
T 12	17 39	15 26	3 15	12 15	1 47	10 5	1 33	17 18	1 33	20 27	0 44	19 43	1 49	13 56	0 32	15 0	1 42	16 25	8 53	23 15	23 13	2 40	17 32	5 20
F 13	17 54	19 30	2 7	12 51	1 42	10 31	1 33	17 12	1 35	20 29	0 44	19 44	1 49	13 55	0 32	15 0	1 42	16 25	8 53	23 16	23 13	2 43	17 33	5 20
S 14	18 10	22 14	0 52	13 27	1 37	10 57	1 32	17 6	1 37	20 32	0 44	19 45	1 49	13 55	0 32	14 59	1 42	16 25	8 53	23 16	23 13	2 46	17 33	5 20
S 15	18 25	23 30	0n24	14 2	1 32	11 22	1 31	17 0	1 38	20 34	0 43	19 46	1 48	13 54	0 32	14 59	1 42	16 25	8 54	23 16	23 13	2 48	17 34	5 19
M16	18 40	23 18	1 36	14 37	1 26	11 48	1 31	16 54	1 40	20 36	0 43	19 47	1 48	13 53	0 32	14 58	1 42	16 25	8 54	23 16	23 14	2 51	17 35	5 19
T 17	18 54	21 49	2 41	15 12	1 20	12 13	1 30	16 48	1 42	20 38	0 43	19 48	1 48	13 52	0 32	14 58	1 42	16 25	8 54	23 16	23 14	2 54	17 35	5 19
W18	19 8	19 15	3 36	15 46	1 14	12 38	1 29	16 43	1 44	20 41	0 43	19 50	1 48	13 52	0 32	14 57	1 42	16 25	8 55	23 15	23 14	2 56	17 36	5 19
T 19	19 22	15 51	4 19	16 19	1 8	13 2	1 28	16 37	1 46	20 43	0 43	19 51	1 48	13 51	0 32	14 57	1 42	16 25	8 55	23 15	23 14	2 59	17 36	5 19
F 20	19 36	11 52	4 50	16 52	1 2	13 27	1 27	16 32	1 48	20 45	0 43	19 52	1 48	13 50	0 32	14 56	1 42	16 25	8 55	23 16	23 14	3 2	17 37	5 19
S 21	19 49	7 29	5 7	17 23	0 55	13 51	1 26	16 26	1 50	20 47	0 43	19 53	1 48	13 50	0 32	14 56	1 42	16 25	8 56	23 16	23 14	3 5	17 37	5 19
S 22	20 2	2 52	5 11	17 54	0 48	14 14	1 25	16 21	1 52	20 49	0 43	19 54	1 48	13 49	0 32	14 56	1 42	16 25	8 56	23 16	23 14	3 7	17 38	5 19
M23	20 14	1s51	5 2	18 25	0 42	14 37	1 24	16 16	1 54	20 52	0 43	19 55	1 48	13 48	0 32	14 55	1 42	16 26	8 56	23 16	23 14	3 10	17 38	5 19
T 24	20 26	6 32	4 40	18 54	0 35	15 0	1 23	16 11	1 56	20 54	0 43	19 56	1 48	13 47	0 32	14 55	1 42	16 26	8 57	23 16	23 14	3 13	17 39	5 19
W25	20 38	10 59	4 5	19 22	0 28	15 23	1 22	16 6	1 58	20 56	0 43	19 58	1 48	13 47	0 32	14 54	1 42	16 26	8 57	23 16	23 14	3 15	17 39	5 19
T 26	20 49	15 4	3 20	19 49	0 21	15 45	1 21	16 1	2 0	20 58	0 43	19 59	1 48	13 46	0 32	14 54	1 42	16 26	8 57	23 16	23 14	3 18	17 40	5 19
F 27	21 0	18 35	2 24	20 16	0 14	16 7	1 19	15 57	2 2	21 0	0 43	20 0	1 48	13 46	0 32	14 53	1 42	16 26	8 58	23 16	23 14	3 21	17 40	5 19
S 28	21 11	21 19	1 21	20 41	0 7	16 28	1 18	15 52	2 4	21 2	0 42	20 1	1 48	13 45	0 32	14 53	1 42	16 26	8 58	23 16	23 15	3 24	17 41	5 19
S 29	21 21	23 3	0 14	21 5	0 0	16 49	1 16	15 48	2 6	21 4	0 42	20 2	1 48	13 44	0 32	14 52	1 42	16 26	8 58	23 16	23 15	3 26	17 41	5 19
M30	21s31	23s39	0s56	21s28	0s 6	17s 9	1n15	15n44	2n 8	21s 6	0n42	20s 3	1n47	13n44	0s32	14n52	1s42	16n27	8n59	23n16	23n15	3s29	17s41	5n19

Julian Day Number = 2887218.5, Delta T = 01h17m46s
Ecliptic obliquity = 23°17'05, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°26'45, Lahiri = 40°33'45

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ASTRODIENST EPHEMERIS for the year 3192
geocentric

DECEMBER 3192 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 42 13	9♐ 3'48	25♑11	8♐47	24♏ 6	23♌29	10♐10	10♐14	8°R26	15°R52	9♍ 2	2♋ 6	3♋12	20♎50	21♐27	T 1
W 2	4 46 10	10° 4'06	8♒19	10°23	25°21	23°47	10°23	10°21	8♑24	15♑50	9° 2	2° 7	3° 8	20°57	21°35	W 2
T 3	4 50 6	11° 4'26	21°42	11°58	26°36	24° 4	10°36	10°28	8°22	15°49	9° 2	2° 9	3° 5	21° 4	21°42	T 3
F 4	4 54 3	12° 4'48	5♓22	13°33	27°51	24°21	10°50	10°36	8°20	15°48	9° 3	2°10	3° 2	21°10	21°49	F 4
S 5	4 57 59	13° 5'10	19°19	15° 8	29° 6	24°37	11° 3	10°43	8°18	15°46	9° 3	2°R10	2°59	21°17	21°57	S 5
S 6	5 1 56	14° 5'34	3♈32	16°43	0♐22	24°53	11°16	10°50	8°16	15°45	9° 3	2° 9	2°56	21°24	22° 4	S 6
M 7	5 5 52	15° 5'59	18° 0	18°17	1°37	25° 8	11°29	10°57	8°14	15°43	9° 3	2° 7	2°53	21°30	22°11	M 7
T 8	5 9 49	16° 6'25	2♉38	19°51	2°52	25°23	11°43	11° 4	8°13	15°42	9° 3	2° 5	2°49	21°37	22°19	T 8
W 9	5 13 45	17° 6'53	17°21	21°25	4° 7	25°37	11°56	11°11	8°11	15°40	9° 3	2° 3	2°46	21°44	22°26	W 9
T 10	5 17 42	18° 7'22	2♊ 3	22°59	5°22	25°51	12° 9	11°19	8° 9	15°39	9°R 3	2° 1	2°43	21°51	22°33	T 10
F 11	5 21 39	19° 7'52	16°35	24°33	6°38	26° 4	12°22	11°26	8° 7	15°38	9° 3	2° 0	2°40	21°57	22°41	F 11
S 12	5 25 35	20° 8'24	0♋52	26° 6	7°53	26°16	12°35	11°33	8° 6	15°36	9° 3	2°D 0	2°37	22° 4	22°48	S 12
S 13	5 29 32	21° 8'58	14°50	27°39	9° 8	26°28	12°49	11°40	8° 4	15°35	9° 3	2° 0	2°34	22°11	22°56	S 13
M14	5 33 28	22° 9'32	28°24	29°12	10°23	26°39	13° 2	11°47	8° 3	15°34	9° 3	2° 1	2°30	22°18	23° 3	M14
T 15	5 37 25	23°10'09	11♌35	0♑45	11°39	26°50	13°15	11°54	8° 1	15°33	9° 3	2° 2	2°27	22°24	23°10	T 15
W16	5 41 21	24°10'46	24°23	2°18	12°54	27° 0	13°28	12° 1	8° 0	15°31	9° 3	2° 2	2°24	22°31	23°18	W16
T 17	5 45 18	25°11'26	6♍52	3°51	14° 9	27° 9	13°41	12° 8	7°58	15°30	9° 2	2° 3	2°21	22°38	23°25	T 17
F 18	5 49 15	26°12'06	19° 4	5°24	15°25	27°18	13°54	12°16	7°57	15°29	9° 2	2° 3	2°18	22°44	23°33	F 18
S 19	5 53 11	27°12'49	1♎ 5	6°56	16°40	27°25	14° 7	12°23	7°55	15°28	9° 2	2°R 4	2°14	22°51	23°40	S 19
S 20	5 57 8	28°13'32	12°59	8°29	17°55	27°33	14°21	12°30	7°54	15°27	9° 2	2° 3	2°11	22°58	23°47	S 20
M21	6 1 4	29°14'18	24°51	10° 1	19°11	27°39	14°34	12°37	7°53	15°25	9° 1	2° 3	2° 8	23° 4	23°55	M21
T 22	6 5 1	0♑15'04	6♏44	11°33	20°26	27°45	14°47	12°44	7°52	15°24	9° 1	2° 3	2° 5	23°11	24° 2	T 22
W23	6 8 57	1°15'52	18°44	13° 6	21°41	27°50	15° 0	12°51	7°50	15°23	9° 1	2° 3	2° 2	23°18	24°10	W23
T 24	6 12 54	2°16'42	0♐53	14°37	22°57	27°54	15°13	12°58	7°49	15°22	9° 0	2°D 3	1°59	23°25	24°17	T 24
F 25	6 16 50	3°17'32	13°14	16° 9	24°12	27°57	15°26	13° 4	7°48	15°21	9° 0	2° 3	1°55	23°31	24°24	F 25
S 26	6 20 47	4°18'24	25°49	17°41	25°28	28° 0	15°39	13°11	7°47	15°20	8°59	2°R 3	1°52	23°38	24°32	S 26
S 27	6 24 44	5°19'17	8♑39	19°12	26°43	28° 2	15°52	13°18	7°46	15°19	8°59	2° 3	1°49	23°45	24°39	S 27
M28	6 28 40	6°20'10	21°43	20°43	27°58	28° 3	16° 4	13°25	7°45	15°18	8°58	2° 3	1°46	23°51	24°46	M28
T 29	6 32 37	7°21'05	5♒ 1	22°14	29°14	28°R 3	16°17	13°32	7°44	15°17	8°58	2° 2	1°43	23°58	24°53	T 29
W30	6 36 33	8°22'00	18°33	23°44	0♑29	28° 3	16°30	13°39	7°44	15°17	8°57	2° 1	1°40	24° 5	25° 1	W30
T 31	6 40 30	9♑22'56	2♓16	25♑14	1♑45	28♌ 2	16♐43	13♐45	7♑43	15♑16	8♍57	2♋ 0	1♋36	24♎12	25♐ 8	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s40	22s59	2s 4	21s50	0s13	17s29	1n13	15n40	2n11	21s 8	0n42	20s 4	1n47	13n43	0s32	14n52	1s42	16n27	8n59	23n16	23n15	3s32	17s42	5n20
W 2	21 49	21 4	3 7	22 11	0 20	17 49	1 12	15 36	2 13	21 10	0 42	20 5	1 47	13 42	0 32	14 51	1 41	16 27	8 59	23 16	23 15	3 34	17 42	5 20
T 3	21 57	17 58	4 0	22 31	0 26	18 8	1 10	15 32	2 15	21 12	0 42	20 6	1 47	13 42	0 32	14 51	1 41	16 27	9 0	23 16	23 15	3 37	17 43	5 20
F 4	22 6	13 51	4 42	22 50	0 33	18 27	1 8	15 29	2 17	21 14	0 42	20 7	1 47	13 41	0 32	14 50	1 41	16 27	9 0	23 16	23 15	3 40	17 43	5 20
S 5	22 13	8 55	5 8	23 7	0 40	18 45	1 7	15 25	2 19	21 16	0 42	20 8	1 47	13 41	0 32	14 50	1 41	16 28	9 0	23 16	23 15	3 43	17 43	5 20
S 6	22 21	3 26	5 15	23 23	0 46	19 2	1 5	15 22	2 22	21 17	0 42	20 9	1 47	13 40	0 32	14 50	1 41	16 28	9 1	23 16	23 15	3 45	17 44	5 20
M 7	22 27	2n20	5 4	23 38	0 52	19 19	1 3	15 19	2 24	21 19	0 42	20 10	1 47	13 39	0 32	14 49	1 41	16 28	9 1	23 16	23 15	3 48	17 44	5 20
T 8	22 34	8 3	4 32	23 52	0 58	19 36	1 1	15 16	2 26	21 21	0 42	20 11	1 47	13 39	0 32	14 49	1 41	16 29	9 1	23 16	23 15	3 51	17 44	5 20
W 9	22 40	13 21	3 42	24 5	1 4	19 52	0 59	15 14	2 29	21 23	0 42	20 12	1 47	13 38	0 32	14 49	1 41	16 29	9 2	23 16	23 15	3 54	17 44	5 20
T 10	22 45	17 51	2 38	24 16	1 10	20 7	0 57	15 11	2 31	21 25	0 42	20 13	1 47	13 38	0 32	14 48	1 41	16 29	9 2	23 16	23 15	3 56	17 45	5 20
F 11	22 51	21 13	1 24	24 26	1 16	20 22	0 55	15 9	2 33	21 27	0 42	20 14	1 47	13 37	0 32	14 48	1 41	16 29	9 2	23 16	23 15	3 59	17 45	5 20
S 12	22 55	23 11	0 6	24 35	1 21	20 37	0 53	15 7	2 36	21 28	0 42	20 15	1 47	13 37	0 32	14 47	1 41	16 30	9 3	23 16	23 16	4 2	17 45	5 21
S 13	22 59	23 38	1n11	24 42	1 27	20 50	0 51	15 6	2 38	21 30	0 42	20 16	1 47	13 36	0 32	14 47	1 41	16 30	9 3	23 16	23 16	4 5	17 46	5 21
M14	23 3	22 39	2 21	24 49	1 32	21 3	0 49	15 4	2 41	21 32	0 42	20 17	1 47	13 36	0 32	14 47	1 41	16 30	9 3	23 16	23 16	4 7	17 46	5 21
T 15	23 7	20 26	3 22	24 54	1 37	21 16	0 47	15 3	2 43	21 33	0 42	20 18	1 47	13 35	0 32	14 46	1 41	16 31	9 3	23 16	23 16	4 10	17 46	5 21
W16	23 9	17 15	4 11	24 57	1 41	21 28	0 45	15 2	2 46	21 35	0 41	20 19	1 47	13 35	0 32	14 46	1 41	16 31	9 4	23 16	23 16	4 13	17 46	5 21
T 17	23 12	13 23	4 47	25 0	1 46	21 39	0 42	15 1	2 48	21 37	0 41	20 20	1 47	13 35	0 32	14 46	1 41	16 31	9 4	23 16	23 16	4 15	17 46	5 21
F 18	23 14	9 2	5 9	25 1	1 50	21 50	0 40	15 0	2 51	21 38	0 41	20 21	1 47	13 34	0 32	14 46	1 41	16 32	9 4	23 16	23 16	4 18	17 46	5 22
S 19	23 15	4 25	5 17	25 0	1 54	22 0	0 38	15 0	2 53	21 40	0 41	20 22	1 47	13 34	0 32	14 45	1 41	16 32	9 5	23 16	23 16	4 21	17 47	5 22
S 20	23 16	0s18	5 11	24 59	1 58	22 9	0 36	15 0	2 56	21 41	0 41	20 23	1 47	13 33	0 32	14 45	1 41	16 33	9 5	23 16	23 16	4 24	17 47	5 22
M21	23 17	5 1	4 52	24 56	2 2	22 18	0 33	15 0	2 58	21 43	0 41	20 24	1 47	13 33	0 32	14 45	1 41	16 33	9 5	23 16	23 16	4 26	17 47	5 22
T 22	23 17	9 34	4 21	24 52	2 5	22 26	0 31	15 0	3 1	21 44	0 41	20 24	1 47	13 33	0 32	14 44	1 41	16 34	9 6	23 16	23 16	4 29	17 47	5 22
W23	23 17	13 47	3 38	24 46	2 8	22 33	0 29	15 1	3 3	21 46	0 41	20 25	1 47	13 32	0 32	14 44	1 41	16 34	9 6	23 16	23 16	4 32	17 47	5 23
T 24	23 16	17 31	2 44	24 39	2 10	22 40	0 26	15 2	3 6	21 47	0 41	20 26	1 47	13 32	0 31	14 44	1 41	16 34	9 6	23 16	23 16	4 35	17 47	5 23
F 25	23 15	20 33	1 43	24 31	2 13	22 46	0 24	15 3	3 9	21 49	0 41	20 27	1 47	13 32	0 31	14 44	1 41	16 35	9 7	23 16	23 16	4 37	17 47	5 23
S 26	23 13	22 39	0 35	24 21	2 15	22 51	0 21	15 5	3 11	21 50	0 41	20 28	1 47	13 31	0 31	14 43	1 41	16 35	9 7	23 16	23 16	4 40	17 47	5 23
S 27	23 11	23 37	0s37	24 10	2 16	22 56	0 19	15 7	3 14	21 52	0 41	20 29	1 47	13 31	0 31	14 43	1 41	16 36	9 7	23 16	23 16	4 43	17 47	5 24
M28	23 8	23 18	1 47	23 57	2 17	23 0	0 17	15 9	3 16	21 53	0 41	20 29	1 47	13 31	0 31	14 43	1 41	16 36	9 8	23 16	23 16	4 46	17 47	5 24
T 29	23 5	21 41	2 53	23 44	2 18	23 3	0 14	15 11	3 19	21 54	0 41	20 30	1 47	13 30	0 31	14 43	1 41	16 37	9 8	23 16	23 16	4 48	17 47	5 24
W30	23 1	18 49	3 50	23 29	2 18	23 5	0 12	15 14	3 22	21 56	0 41	20 31	1 47	13 30	0 31	14 43	1 40	16 37	9 8	23 16	23 16	4 51	17 47	5 24
T 31	22s57	14s53	4s35	23s13	2s18	23s 7	0n 9	15n17	3n24	21s57	0n41	20s32	1n47	13n30	0s31	14n42	1s40	16n38	9n 9	23n16	23n17	4s54	17s47	5n25

Julian Day Number = 2887248.5, Delta T = 01h17m47s
Ecliptic obliquity = 23°17'05, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°26'49, Lahiri = 40°33'50

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ASTRODIENST EPHEMERIS for the year 3193
geocentric

JANUARY 3193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 44 26	10♉23'53	16♓10	26♉43	3♉ 0	27°R59	16♐56	13♐52	7°R42	15°R15	8°R56	2°R 0	1♋33	24♎18	25♐15	F 1
S 2	6 48 23	11°24'50	0♈11	28°11	4°16	27♌56	17° 8	13°59	7♉41	15♉14	8♍55	1♋59	1°30	24°25	25°22	S 2
S 3	6 52 19	12°25'47	14°19	29°39	5°31	27°53	17°21	14° 5	7°41	15°13	8°55	1°D59	1°27	24°32	25°30	S 3
M 4	6 56 16	13°26'45	28°32	1♒ 5	6°47	27°48	17°33	14°12	7°40	15°13	8°54	1°59	1°24	24°38	25°37	M 4
T 5	7 0 13	14°27'43	12♉47	2°30	8° 2	27°43	17°46	14°19	7°39	15°12	8°53	2° 0	1°20	24°45	25°44	T 5
W 6	7 4 9	15°28'42	27° 2	3°54	9°17	27°36	17°59	14°25	7°39	15°11	8°53	2° 1	1°17	24°52	25°51	W 6
T 7	7 8 6	16°29'41	11♊13	5°15	10°33	27°29	18°11	14°32	7°38	15°11	8°52	2° 2	1°14	24°59	25°58	T 7
F 8	7 12 2	17°30'41	25°17	6°35	11°48	27°21	18°23	14°38	7°38	15°10	8°51	2°R 3	1°11	25° 5	26° 5	F 8
S 9	7 15 59	18°31'41	9♋11	7°52	13° 4	27°12	18°36	14°44	7°38	15°10	8°50	2° 3	1° 8	25°12	26°12	S 9
S 10	7 19 55	19°32'41	22°51	9° 6	14°19	27° 3	18°48	14°51	7°37	15° 9	8°50	2° 2	1° 5	25°19	26°19	S 10
M11	7 23 52	20°33'42	6♌15	10°17	15°35	26°52	19° 0	14°57	7°37	15° 9	8°49	2° 0	1° 1	25°25	26°26	M11
T 12	7 27 49	21°34'44	19°20	11°24	16°50	26°41	19°13	15° 3	7°37	15° 8	8°48	1°57	0°58	25°32	26°33	T 12
W13	7 31 45	22°35'46	2♍ 7	12°26	18° 6	26°29	19°25	15°10	7°37	15° 8	8°47	1°54	0°55	25°39	26°40	W13
T 14	7 35 42	23°36'49	14°37	13°23	19°21	26°16	19°37	15°16	7°37	15° 7	8°46	1°51	0°52	25°46	26°47	T 14
F 15	7 39 38	24°37'52	26°51	14°14	20°37	26° 3	19°49	15°22	7°37	15° 7	8°45	1°48	0°49	25°52	26°53	F 15
S 16	7 43 35	25°38'55	8♎54	14°57	21°52	25°48	20° 1	15°28	7°D37	15° 7	8°44	1°45	0°46	25°59	27° 0	S 16
S 17	7 47 31	26°39'59	20°48	15°33	23° 8	25°33	20°13	15°34	7°37	15° 6	8°43	1°44	0°42	26° 6	27° 7	S 17
M18	7 51 28	27°41'04	2♏40	16° 0	24°23	25°17	20°25	15°40	7°37	15° 6	8°42	1°D44	0°39	26°12	27°14	M18
T 19	7 55 24	28°42'09	14°33	16°18	25°39	25° 0	20°37	15°46	7°37	15° 6	8°41	1°45	0°36	26°19	27°20	T 19
W20	7 59 21	29°43'15	26°33	16°R25	26°54	24°43	20°48	15°52	7°37	15° 6	8°40	1°47	0°33	26°26	27°27	W20
T 21	8 3 17	0♒44'21	8♐44	16°21	28°10	24°25	21° 0	15°58	7°37	15° 6	8°39	1°48	0°30	26°33	27°33	T 21
F 22	8 7 14	1°45'28	21°10	16° 5	29°25	24° 6	21°12	16° 3	7°38	15° 5	8°38	1°50	0°26	26°39	27°40	F 22
S 23	8 11 11	2°46'34	3♉55	15°38	0♒41	23°46	21°23	16° 9	7°38	15° 5	8°37	1°R50	0°23	26°46	27°47	S 23
S 24	8 15 7	3°47'41	17° 1	14°58	1°56	23°27	21°35	16°15	7°38	15° 5	8°36	1°49	0°20	26°53	27°53	S 24
M25	8 19 4	4°48'48	0♒27	14° 8	3°12	23° 6	21°46	16°20	7°39	15°D 5	8°34	1°47	0°17	26°59	27°59	M25
T 26	8 23 0	5°49'55	14°12	13° 7	4°27	22°45	21°57	16°26	7°39	15° 5	8°33	1°42	0°14	27° 6	28° 6	T 26
W27	8 26 57	6°51'02	28°13	11°59	5°43	22°23	22° 9	16°31	7°40	15° 5	8°32	1°37	0°11	27°13	28°12	W27
T 28	8 30 53	7°52'08	12♓25	10°44	6°58	22° 1	22°20	16°37	7°41	15° 5	8°31	1°31	0° 7	27°20	28°18	T 28
F 29	8 34 50	8°53'14	26°44	9°25	8°14	21°39	22°31	16°42	7°41	15° 6	8°30	1°25	0° 4	27°26	28°24	F 29
S 30	8 38 47	9°54'20	11♈ 4	8° 5	9°29	21°16	22°42	16°47	7°42	15° 6	8°28	1°21	0° 1	27°33	28°31	S 30
S 31	8 42 43	10♒55'25	25♈22	6♒46	10♒45	20♌53	22♐53	16♐52	7♉43	15♉ 6	8♍27	1♋18	29♊58	27♎40	28♐37	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s53	10s 6	5s 5	22s55	2s17	23s 8	0n 7	15n20	3n27	21s58	0n41	20s33	1n47	13n30	0s31	14n42	1s40	16n38	9n 9	23n16	23n17	4s56	17s47	5n25
S 2	22 48	4 46	5 17	22 36	2 16	23 8	0 5	15 23	3 30	21 59	0 41	20 33	1 47	13 30	0 31	14 42	1 40	16 39	9 9	23 16	23 17	4 59	17 47	5 25
S 3	22 42	0n51	5 9	22 16	2 14	23 8	0 2	15 27	3 32	22 1	0 41	20 34	1 47	13 29	0 31	14 42	1 40	16 39	9 9	23 16	23 17	5 2	17 47	5 25
M 4	22 37	6 28	4 43	21 55	2 11	23 7	0s 0	15 31	3 35	22 2	0 41	20 35	1 47	13 29	0 31	14 42	1 40	16 40	9 10	23 16	23 17	5 5	17 47	5 26
T 5	22 30	11 45	4 0	21 33	2 8	23 5	0 3	15 36	3 38	22 3	0 41	20 35	1 47	13 29	0 31	14 41	1 40	16 40	9 10	23 16	23 17	5 7	17 47	5 26
W 6	22 24	16 25	3 2	21 10	2 4	23 3	0 5	15 40	3 40	22 4	0 41	20 36	1 47	13 29	0 31	14 41	1 40	16 41	9 10	23 16	23 17	5 10	17 47	5 26
T 7	22 16	20 7	1 53	20 46	2 0	23 0	0 8	15 45	3 43	22 5	0 41	20 37	1 47	13 29	0 31	14 41	1 40	16 41	9 11	23 16	23 17	5 13	17 47	5 27
F 8	22 9	22 35	0 37	20 21	1 54	22 56	0 10	15 50	3 45	22 6	0 41	20 38	1 48	13 29	0 31	14 41	1 40	16 42	9 11	23 16	23 17	5 16	17 47	5 27
S 9	22 1	23 37	0n39	19 56	1 48	22 51	0 12	15 56	3 48	22 7	0 41	20 38	1 48	13 29	0 31	14 41	1 40	16 43	9 11	23 16	23 17	5 18	17 47	5 27
S 10	21 52	23 13	1 52	19 29	1 41	22 46	0 15	16 1	3 50	22 8	0 41	20 39	1 48	13 29	0 31	14 41	1 40	16 43	9 11	23 16	23 17	5 21	17 46	5 28
M11	21 43	21 28	2 58	19 3	1 33	22 40	0 17	16 7	3 53	22 9	0 41	20 39	1 48	13 29	0 31	14 41	1 40	16 44	9 12	23 16	23 17	5 24	17 46	5 28
T 12	21 34	18 36	3 52	18 36	1 24	22 33	0 20	16 14	3 55	22 10	0 41	20 40	1 48	13 28	0 31	14 41	1 40	16 44	9 12	23 16	23 17	5 27	17 46	5 28
W13	21 24	14 54	4 33	18 9	1 14	22 26	0 22	16 20	3 58	22 11	0 41	20 41	1 48	13 28	0 31	14 41	1 40	16 45	9 12	23 16	23 17	5 29	17 46	5 29
T 14	21 14	10 38	5 0	17 42	1 3	22 18	0 24	16 27	4 0	22 12	0 41	20 41	1 48	13 28	0 31	14 41	1 40	16 45	9 13	23 16	23 17	5 32	17 46	5 29
F 15	21 4	6 2	5 13	17 16	0 51	22 9	0 26	16 33	4 2	22 13	0 41	20 42	1 48	13 28	0 31	14 41	1 40	16 46	9 13	23 16	23 17	5 35	17 45	5 30
S 16	20 53	1 17	5 12	16 51	0 38	22 0	0 29	16 41	4 5	22 14	0 41	20 43	1 48	13 29	0 31	14 40	1 40	16 47	9 13	23 16	23 17	5 38	17 45	5 30
S 17	20 41	3s28	4 57	16 27	0 24	21 50	0 31	16 48	4 7	22 15	0 41	20 43	1 48	13 29	0 31	14 40	1 40	16 47	9 13	23 16	23 17	5 40	17 45	5 30
M18	20 29	8 5	4 30	16 4	0 8	21 39	0 33	16 55	4 9	22 16	0 41	20 44	1 48	13 29	0 31	14 40	1 40	16 48	9 14	23 16	23 17	5 43	17 45	5 31
T 19	20 17	12 25	3 51	15 43	0n 8	21 27	0 35	17 3	4 11	22 17	0 41	20 44	1 48	13 29	0 31	14 40	1 39	16 49	9 14	23 16	23 17	5 46	17 44	5 31
W20	20 5	16 19	3 2	15 24	0 26	21 15	0 38	17 11	4 13	22 17	0 41	20 45	1 48	13 29	0 31	14 40	1 39	16 49	9 14	23 16	23 17	5 49	17 44	5 32
T 21	19 52	19 35	2 3	15 8	0 44	21 3	0 40	17 19	4 15	22 18	0 41	20 45	1 48	13 29	0 31	14 40	1 39	16 50	9 14	23 16	23 17	5 51	17 44	5 32
F 22	19 38	22 2	0 58	14 55	1 2	20 49	0 42	17 27	4 17	22 19	0 41	20 46	1 48	13 29	0 31	14 40	1 39	16 50	9 15	23 16	23 17	5 54	17 43	5 33
S 23	19 25	23 25	0s11	14 45	1 21	20 35	0 44	17 35	4 19	22 20	0 41	20 46	1 48	13 29	0 31	14 40	1 39	16 51	9 15	23 16	23 17	5 57	17 43	5 33
S 24	19 11	23 34	1 22	14 38	1 40	20 21	0 46	17 43	4 21	22 21	0 41	20 47	1 49	13 29	0 30	14 40	1 39	16 52	9 15	23 16	23 17	5 59	17 43	5 33
M25	18 56	22 22	2 30	14 35	1 59	20 6	0 48	17 52	4 22	22 21	0 41	20 47	1 49	13 30	0 30	14 41	1 39	16 52	9 15	23 16	23 17	6 2	17 42	5 34
T 26	18 42	19 49	3 30	14 35	2 16	19 50	0 50	18 0	4 24	22 22	0 41	20 48	1 49	13 30	0 30	14 41	1 39	16 53	9 15	23 16	23 17	6 5	17 42	5 34
W27	18 26	16 5	4 20	14 39	2 33	19 34	0 52	18 9	4 25	22 23	0 41	20 48	1 49	13 30	0 30	14 41	1 39	16 54	9 16	23 17	23 17	6 8	17 42	5 35
T 28	18 11	11 23	4 53	14 45	2 47	19 17	0 54	18 17	4 27	22 23	0 41	20 49	1 49	13 30	0 30	14 41	1 39	16 54	9 16	23 17	23 17	6 10	17 41	5 35
F 29	17 55	6 1	5 9	14 53	3 0	18 59	0 56	18 26	4 28	22 24	0 41	20 49	1 49	13 30	0 30	14 41	1 39	16 55	9 16	23 17	23 17	6 13	17 41	5 36
S 30	17 39	0 21	5 6	15 4	3 10	18 41	0 58	18 34	4 29	22 24	0 41	20 49	1 49	13 31	0 30	14 41	1 39	16 56	9 16	23 17	23 17	6 16	17 40	5 36
S 31	17s23	5n21	4s44	15s16	3n17	18s23	0s59	18n43	4n30	22s25	0n41	20s50	1n49	13n31	0s30	14n41	1s39	16n56	9n17	23n17	23n17	6s19	17s40	5n37

Julian Day Number = 2887279.5, Delta T = 01h17m47s
Ecliptic obliquity = 23°17'05, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°26'53, Lahiri = 40°33'54

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3193
geocentric

FEBRUARY 3193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 46 40	11♒56'29	9♉34	5°R31	12♒ 0	20°R30	23♐ 4	16♐57	7♉44	15♉ 6	8°R26	1°D17	29♊55	27♎46	28♐43	M 1
T 2	8 50 36	12°57'33	23°37	4♒21	13°16	20♌ 6	23°14	17° 2	7°45	15° 6	8♍25	1♋17	29°52	27°53	28°49	T 2
W 3	8 54 33	13°58'37	7♊32	3°19	14°31	19°42	23°25	17° 7	7°45	15° 7	8°23	1°18	29°48	28° 0	28°55	W 3
T 4	8 58 29	14°59'39	21°18	2°25	15°47	19°18	23°36	17°12	7°46	15° 7	8°22	1°20	29°45	28° 6	29° 0	T 4
F 5	9 2 26	16° 0'41	4♋54	1°40	17° 2	18°54	23°46	17°17	7°47	15° 7	8°21	1°R20	29°42	28°13	29° 6	F 5
S 6	9 6 22	17° 1'43	18°21	1° 5	18°18	18°30	23°56	17°22	7°49	15° 8	8°19	1°19	29°39	28°20	29°12	S 6
S 7	9 10 19	18° 2'43	1♌36	0°39	19°33	18° 6	24° 7	17°27	7°50	15° 8	8°18	1°15	29°36	28°27	29°18	S 7
M 8	9 14 16	19° 3'44	14°40	0°22	20°48	17°42	24°17	17°31	7°51	15° 9	8°17	1° 9	29°32	28°33	29°23	M 8
T 9	9 18 12	20° 4'43	27°30	0°D14	22° 4	17°19	24°27	17°36	7°52	15° 9	8°15	1° 1	29°29	28°40	29°29	T 9
W10	9 22 9	21° 5'42	10♍ 8	0°15	23°19	16°55	24°37	17°40	7°53	15°10	8°14	0°51	29°26	28°47	29°34	W10
T 11	9 26 5	22° 6'40	22°32	0°23	24°35	16°31	24°47	17°45	7°55	15°10	8°13	0°41	29°23	28°53	29°40	T 11
F 12	9 30 2	23° 7'38	4♎44	0°39	25°50	16° 8	24°57	17°49	7°56	15°11	8°11	0°32	29°20	29° 0	29°45	F 12
S 13	9 33 58	24° 8'35	16°45	1° 1	27° 6	15°45	25° 6	17°53	7°57	15°12	8°10	0°24	29°17	29° 7	29°50	S 13
S 14	9 37 55	25° 9'32	28°39	1°30	28°21	15°23	25°16	17°57	7°59	15°12	8° 8	0°17	29°13	29°14	29°55	S 14
M15	9 41 51	26°10'28	10♏29	2° 4	29°36	15° 0	25°25	18° 1	8° 0	15°13	8° 7	0°14	29°10	29°20	0♑ 1	M15
T 16	9 45 48	27°11'24	22°21	2°43	0♓52	14°38	25°35	18° 5	8° 2	15°14	8° 6	0°D12	29° 7	29°27	0° 6	T 16
W17	9 49 45	28°12'19	4♐18	3°26	2° 7	14°17	25°44	18° 9	8° 4	15°14	8° 4	0°12	29° 4	29°34	0°11	W17
T 18	9 53 41	29°13'13	16°27	4°14	3°22	13°56	25°53	18°13	8° 5	15°15	8° 3	0°13	29° 1	29°40	0°16	T 18
F 19	9 57 38	0♓14'07	28°53	5° 6	4°38	13°36	26° 2	18°17	8° 7	15°16	8° 1	0°R14	28°57	29°47	0°20	F 19
S 20	10 1 34	1°15'01	11♑39	6° 1	5°53	13°16	26°11	18°20	8° 9	15°17	8° 0	0°13	28°54	29°54	0°25	S 20
S 21	10 5 31	2°15'53	24°51	6°59	7° 9	12°56	26°20	18°24	8°11	15°18	7°58	0°10	28°51	0♏ 0	0°30	S 21
M22	10 9 27	3°16'45	8♒29	8° 0	8°24	12°38	26°28	18°27	8°12	15°19	7°57	0° 5	28°48	0° 7	0°35	M22
T 23	10 13 24	4°17'36	22°32	9° 3	9°39	12°20	26°37	18°31	8°14	15°20	7°55	29♊57	28°45	0°14	0°39	T 23
W24	10 17 20	5°18'26	6♓58	10° 9	10°55	12° 2	26°45	18°34	8°16	15°21	7°54	29°47	28°42	0°21	0°44	W24
T 25	10 21 17	6°19'14	21°38	11°17	12°10	11°46	26°54	18°37	8°18	15°22	7°53	29°36	28°38	0°27	0°48	T 25
F 26	10 25 14	7°20'02	6♈26	12°28	13°25	11°30	27° 2	18°40	8°20	15°23	7°51	29°26	28°35	0°34	0°52	F 26
S 27	10 29 10	8°20'48	21°14	13°40	14°40	11°14	27°10	18°43	8°22	15°24	7°50	29°17	28°32	0°41	0°56	S 27
S 28	10 33 7	9♓21'33	5♉52	14♒53	15♓56	11♌ 0	27♐18	18♐46	8♉24	15♉25	7♍48	29♊10	28♊29	0♏47	1♑ 1	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s 6	10n43	4s 4	15s30	3n22	18s 4	1s 1	18n51	4n31	22s26	0n41	20s50	1n49	13n31	0s30	14n41	1s39	16n57	9n17	23n17	23n17	6s21	17s39	5n37
T 2	16 49	15 29	3 10	15 44	3 25	17 44	1 3	18 59	4 32	22 26	0 41	20 51	1 49	13 32	0 30	14 41	1 39	16 58	9 17	23 17	23 17	6 24	17 39	5 38
W 3	16 32	19 22	2 5	15 58	3 25	17 24	1 4	19 8	4 33	22 27	0 41	20 51	1 49	13 32	0 30	14 41	1 39	16 58	9 17	23 17	23 17	6 27	17 38	5 38
T 4	16 14	22 6	0 54	16 12	3 23	17 3	1 6	19 16	4 34	22 27	0 41	20 51	1 50	13 32	0 30	14 42	1 39	16 59	9 17	23 17	23 17	6 30	17 38	5 39
F 5	15 56	23 31	0n19	16 25	3 19	16 42	1 8	19 24	4 34	22 28	0 41	20 52	1 50	13 33	0 30	14 42	1 39	17 0	9 18	23 17	23 17	6 32	17 37	5 39
S 6	15 38	23 32	1 31	16 39	3 13	16 21	1 9	19 32	4 34	22 28	0 41	20 52	1 50	13 33	0 30	14 42	1 38	17 0	9 18	23 17	23 17	6 35	17 37	5 40
S 7	15 19	22 12	2 36	16 51	3 6	15 59	1 10	19 40	4 35	22 28	0 41	20 52	1 50	13 33	0 30	14 42	1 38	17 1	9 18	23 17	23 17	6 38	17 36	5 41
M 8	15 1	19 42	3 32	17 2	2 58	15 36	1 12	19 47	4 35	22 29	0 41	20 53	1 50	13 34	0 30	14 42	1 38	17 2	9 18	23 17	23 17	6 41	17 36	5 41
T 9	14 42	16 16	4 16	17 13	2 49	15 13	1 13	19 55	4 35	22 29	0 41	20 53	1 50	13 34	0 30	14 42	1 38	17 2	9 18	23 17	23 17	6 43	17 35	5 42
W10	14 22	12 8	4 46	17 22	2 39	14 50	1 14	20 2	4 35	22 30	0 41	20 53	1 50	13 35	0 30	14 43	1 38	17 3	9 18	23 17	23 17	6 46	17 35	5 42
T 11	14 3	7 35	5 3	17 31	2 29	14 26	1 16	20 9	4 35	22 30	0 41	20 54	1 50	13 35	0 30	14 43	1 38	17 4	9 19	23 17	23 17	6 49	17 34	5 43
F 12	13 43	2 48	5 5	17 38	2 18	14 2	1 17	20 16	4 35	22 30	0 41	20 54	1 50	13 36	0 30	14 43	1 38	17 4	9 19	23 17	23 17	6 52	17 34	5 43
S 13	13 23	2s 1	4 54	17 44	2 7	13 37	1 18	20 22	4 34	22 31	0 41	20 54	1 51	13 36	0 30	14 43	1 38	17 5	9 19	23 17	23 17	6 54	17 33	5 44
S 14	13 3	6 43	4 30	17 49	1 56	13 13	1 19	20 29	4 34	22 31	0 41	20 54	1 51	13 37	0 30	14 44	1 38	17 6	9 19	23 17	23 17	6 57	17 32	5 45
M15	12 43	11 10	3 54	17 52	1 45	12 47	1 20	20 35	4 33	22 31	0 41	20 55	1 51	13 37	0 30	14 44	1 38	17 6	9 19	23 17	23 17	7 0	17 32	5 45
T 16	12 22	15 12	3 8	17 54	1 34	12 22	1 21	20 41	4 32	22 32	0 41	20 55	1 51	13 38	0 30	14 44	1 38	17 7	9 19	23 17	23 17	7 2	17 31	5 46
W17	12 1	18 40	2 14	17 55	1 23	11 56	1 22	20 46	4 32	22 32	0 41	20 55	1 51	13 38	0 30	14 44	1 38	17 8	9 19	23 17	23 17	7 5	17 31	5 46
T 18	11 40	21 23	1 13	17 55	1 12	11 29	1 23	20 51	4 31	22 32	0 41	20 55	1 51	13 39	0 30	14 45	1 38	17 8	9 19	23 17	23 17	7 8	17 30	5 47
F 19	11 19	23 10	0 7	17 53	1 1	11 3	1 23	20 56	4 30	22 32	0 41	20 55	1 51	13 39	0 30	14 45	1 38	17 9	9 20	23 17	23 17	7 11	17 29	5 48
S 20	10 58	23 47	1s 1	17 50	0 50	10 36	1 24	21 1	4 29	22 33	0 41	20 56	1 51	13 40	0 30	14 45	1 38	17 10	9 20	23 17	23 17	7 13	17 29	5 48
S 21	10 36	23 7	2 7	17 46	0 40	10 9	1 25	21 6	4 27	22 33	0 41	20 56	1 52	13 41	0 30	14 46	1 38	17 10	9 20	23 17	23 17	7 16	17 28	5 49
M22	10 14	21 4	3 9	17 41	0 30	9 41	1 25	21 10	4 26	22 33	0 41	20 56	1 52	13 41	0 30	14 46	1 38	17 11	9 20	23 17	23 17	7 19	17 27	5 50
T 23	9 52	17 42	4 1	17 34	0 20	9 14	1 26	21 14	4 25	22 33	0 41	20 56	1 52	13 42	0 30	14 46	1 38	17 11	9 20	23 17	23 17	7 22	17 27	5 50
W24	9 30	13 13	4 39	17 26	0 10	8 46	1 26	21 17	4 23	22 33	0 41	20 56	1 52	13 42	0 29	14 47	1 37	17 12	9 20	23 17	23 17	7 24	17 26	5 51
T 25	9 8	7 53	4 59	17 16	0 0	8 17	1 27	21 20	4 22	22 34	0 41	20 56	1 52	13 43	0 29	14 47	1 37	17 13	9 20	23 17	23 17	7 27	17 25	5 52
F 26	8 46	2 3	5 0	17 6	0s 9	7 49	1 27	21 23	4 20	22 34	0 41	20 56	1 52	13 44	0 29	14 47	1 37	17 13	9 20	23 17	23 17	7 30	17 25	5 52
S 27	8 23	3n53	4 41	16 54	0 18	7 20	1 27	21 26	4 19	22 34	0 41	20 57	1 52	13 44	0 29	14 48	1 37	17 14	9 20	23 17	23 17	7 33	17 24	5 53
S 28	8s 1	9n34	4s 3	16s41	0s26	6s52	1s27	21n29	4n17	22s34	0n41	20s57	1n53	13n45	0s29	14n48	1s37	17n15	9n20	23n17	23n17	7s35	17s23	5n54

Julian Day Number = 2887310.5, Delta T = 01h17m48s
Ecliptic obliquity = 23°17'06, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°26'58, Lahiri = 40°33'58

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ASTRODIENST EPHEMERIS for the year 3193
geocentric

MARCH 3193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 37 3	10♓22'16	20♉17	16♒ 9	17♓11	10°R46	27♐25	18♐49	8♉26	15♉26	7°R47	29°R 6	28♊26	0♏54	1♑ 5	M 1
T 2	10 41 0	11°22'58	4♊24	17°26	18°26	10♎33	27°33	18°52	8°29	15°28	7♍45	29♊ 5	28°23	1° 1	1° 9	T 2
W 3	10 44 56	12°23'38	18°15	18°44	19°41	10°21	27°40	18°54	8°31	15°29	7°44	29°D 5	28°19	1° 7	1°13	W 3
T 4	10 48 53	13°24'17	1♋48	20° 4	20°57	10°10	27°48	18°57	8°33	15°30	7°42	29°R 5	28°16	1°14	1°16	T 4
F 5	10 52 49	14°24'54	15° 6	21°25	22°12	9°59	27°55	18°59	8°35	15°31	7°41	29° 4	28°13	1°21	1°20	F 5
S 6	10 56 46	15°25'29	28°11	22°47	23°27	9°49	28° 2	19° 2	8°38	15°33	7°39	29° 1	28°10	1°28	1°24	S 6
S 7	11 0 42	16°26'03	11♌ 4	24°11	24°42	9°40	28° 9	19° 4	8°40	15°34	7°38	28°55	28° 7	1°34	1°27	S 7
M 8	11 4 39	17°26'35	23°47	25°36	25°57	9°32	28°16	19° 6	8°42	15°35	7°37	28°46	28° 3	1°41	1°31	M 8
T 9	11 8 36	18°27'06	6♍20	27° 1	27°12	9°25	28°22	19° 8	8°45	15°37	7°35	28°34	28° 0	1°48	1°34	T 9
W10	11 12 32	19°27'35	18°43	28°28	28°27	9°18	28°29	19°10	8°47	15°38	7°34	28°20	27°57	1°54	1°37	W10
T 11	11 16 29	20°28'03	0♎56	29°56	29°42	9°12	28°35	19°12	8°50	15°40	7°32	28° 6	27°54	2° 1	1°40	T 11
F 12	11 20 25	21°28'29	13° 1	1♓25	0♈57	9° 7	28°41	19°14	8°52	15°41	7°31	27°52	27°51	2° 8	1°44	F 12
S 13	11 24 22	22°28'54	24°58	2°55	2°12	9° 3	28°47	19°15	8°55	15°43	7°29	27°39	27°48	2°14	1°47	S 13
S 14	11 28 18	23°29'17	6♏50	4°26	3°27	9° 0	28°53	19°17	8°58	15°44	7°28	27°30	27°44	2°21	1°49	S 14
M15	11 32 15	24°29'39	18°39	5°59	4°42	8°57	28°59	19°18	9° 0	15°46	7°27	27°22	27°41	2°28	1°52	M15
T 16	11 36 11	25°30'00	0♐29	7°32	5°57	8°55	29° 5	19°20	9° 3	15°47	7°25	27°18	27°38	2°35	1°55	T 16
W17	11 40 8	26°30'19	12°25	9° 6	7°12	8°54	29°10	19°21	9° 6	15°49	7°24	27°16	27°35	2°41	1°58	W17
T 18	11 44 5	27°30'37	24°30	10°41	8°27	8°D53	29°15	19°22	9° 8	15°50	7°23	27°16	27°32	2°48	2° 0	T 18
F 19	11 48 1	28°30'54	6♑52	12°17	9°42	8°54	29°20	19°23	9°11	15°52	7°21	27°16	27°29	2°55	2° 3	F 19
S 20	11 51 58	29°31'09	19°35	13°54	10°57	8°55	29°25	19°24	9°14	15°54	7°20	27°15	27°25	3° 1	2° 5	S 20
S 21	11 55 54	0♈31'23	2♒44	15°33	12°12	8°57	29°30	19°25	9°17	15°55	7°19	27°12	27°22	3° 8	2° 7	S 21
M22	11 59 51	1°31'36	16°22	17°12	13°27	8°59	29°35	19°26	9°20	15°57	7°17	27° 7	27°19	3°15	2° 9	M22
T 23	12 3 47	2°31'47	0♓29	18°52	14°42	9° 2	29°39	19°26	9°22	15°59	7°16	26°58	27°16	3°21	2°11	T 23
W24	12 7 44	3°31'56	15° 4	20°34	15°56	9° 6	29°43	19°27	9°25	16° 1	7°15	26°48	27°13	3°28	2°13	W24
T 25	12 11 40	4°32'03	29°59	22°16	17°11	9°11	29°47	19°27	9°28	16° 2	7°13	26°36	27° 9	3°35	2°15	T 25
F 26	12 15 37	5°32'09	15♈ 8	24° 0	18°26	9°16	29°51	19°28	9°31	16° 4	7°12	26°25	27° 6	3°41	2°17	F 26
S 27	12 19 34	6°32'13	0♉18	25°45	19°41	9°22	29°55	19°28	9°34	16° 6	7°11	26°15	27° 3	3°48	2°19	S 27
S 28	12 23 30	7°32'15	15°19	27°30	20°55	9°28	29°59	19°28	9°37	16° 8	7°10	26° 7	27° 0	3°55	2°20	S 28
M29	12 27 27	8°32'16	0♊ 4	29°17	22°10	9°36	0♑ 2	19°R28	9°40	16°10	7° 8	26° 3	26°57	4° 2	2°22	M29
T 30	12 31 23	9°32'14	14°26	1♈ 5	23°25	9°43	0° 5	19°28	9°43	16°12	7° 7	26° 1	26°54	4° 8	2°23	T 30
W31	12 35 20	10♈32'10	28♊25	2♈55	24♈39	9♎52	0♑ 8	19♐28	9♉46	16♉14	7♍ 6	26°D 0	26♊50	4♏15	2♑24	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s38	14n38	3s10	16s27	0s35	6s23	1s28	21n31	4n15	22s34	0n41	20s57	1n53	13n46	0s29	14n48	1s37	17n15	9n20	23n17	23n17	7s38	17s23	5n54
T 2	7 15	18 48	2 7	16 11	0 43	5 53	1 28	21 33	4 13	22 34	0 41	20 57	1 53	13 47	0 29	14 49	1 37	17 16	9 21	23 17	23 17	7 41	17 22	5 55
W 3	6 52	21 49	0 57	15 55	0 50	5 24	1 28	21 34	4 12	22 34	0 42	20 57	1 53	13 47	0 29	14 49	1 37	17 16	9 21	23 17	23 16	7 44	17 21	5 56
T 4	6 29	23 31	0n14	15 37	0 58	4 55	1 28	21 35	4 10	22 34	0 42	20 57	1 53	13 48	0 29	14 50	1 37	17 17	9 21	23 17	23 16	7 46	17 20	5 56
F 5	6 6	23 49	1 24	15 18	1 5	4 25	1 27	21 36	4 8	22 35	0 42	20 57	1 53	13 49	0 29	14 50	1 37	17 18	9 21	23 17	23 16	7 49	17 20	5 57
S 6	5 43	22 48	2 28	14 58	1 12	3 55	1 27	21 37	4 6	22 35	0 42	20 57	1 53	13 50	0 29	14 50	1 37	17 18	9 21	23 17	23 16	7 52	17 19	5 58
S 7	5 19	20 35	3 23	14 36	1 18	3 25	1 27	21 38	4 4	22 35	0 42	20 57	1 54	13 50	0 29	14 51	1 37	17 19	9 21	23 17	23 16	7 54	17 18	5 59
M 8	4 56	17 23	4 6	14 14	1 24	2 55	1 27	21 38	4 2	22 35	0 42	20 57	1 54	13 51	0 29	14 51	1 37	17 19	9 21	23 17	23 16	7 57	17 17	5 59
T 9	4 32	13 26	4 38	13 50	1 30	2 25	1 26	21 38	4 0	22 35	0 42	20 57	1 54	13 52	0 29	14 52	1 37	17 20	9 21	23 17	23 16	8 0	17 17	6 0
W10	4 9	8 58	4 55	13 25	1 36	1 55	1 26	21 38	3 58	22 35	0 42	20 57	1 54	13 53	0 29	14 52	1 37	17 21	9 21	23 16	23 16	8 3	17 16	6 1
T 11	3 45	4 13	4 59	13 0	1 41	1 25	1 25	21 37	3 56	22 35	0 42	20 57	1 54	13 54	0 29	14 53	1 37	17 21	9 21	23 16	23 16	8 5	17 15	6 1
F 12	3 22	0s39	4 49	12 33	1 45	0 55	1 25	21 37	3 54	22 35	0 42	20 57	1 54	13 54	0 29	14 53	1 37	17 22	9 21	23 16	23 16	8 8	17 14	6 2
S 13	2 58	5 28	4 27	12 4	1 50	0 25	1 24	21 36	3 51	22 35	0 42	20 57	1 54	13 55	0 29	14 54	1 37	17 22	9 21	23 16	23 16	8 11	17 14	6 3
S 14	2 34	10 2	3 53	11 35	1 54	0n 6	1 23	21 35	3 49	22 35	0 42	20 57	1 55	13 56	0 29	14 54	1 37	17 23	9 21	23 16	23 16	8 14	17 13	6 4
M15	2 10	14 14	3 9	11 5	1 58	0 36	1 22	21 33	3 47	22 35	0 42	20 57	1 55	13 57	0 29	14 55	1 37	17 23	9 21	23 16	23 16	8 16	17 12	6 4
T 16	1 47	17 54	2 17	10 34	2 1	1 6	1 22	21 32	3 45	22 35	0 42	20 57	1 55	13 58	0 29	14 55	1 37	17 24	9 21	23 15	23 16	8 19	17 11	6 5
W17	1 23	20 51	1 18	10 1	2 4	1 36	1 21	21 30	3 43	22 35	0 42	20 57	1 55	13 59	0 29	14 56	1 37	17 24	9 21	23 15	23 16	8 22	17 10	6 6
T 18	0 59	22 56	0 15	9 28	2 6	2 7	1 20	21 28	3 41	22 35	0 42	20 57	1 55	14 0	0 29	14 56	1 36	17 25	9 21	23 15	23 16	8 24	17 10	6 7
F 19	0 35	23 57	0s51	8 53	2 9	2 37	1 19	21 26	3 38	22 35	0 42	20 57	1 55	14 0	0 29	14 57	1 36	17 25	9 21	23 15	23 16	8 27	17 9	6 7
S 20	0 11	23 46	1 55	8 18	2 10	3 7	1 18	21 23	3 36	22 35	0 42	20 57	1 55	14 1	0 29	14 57	1 36	17 26	9 21	23 15	23 16	8 30	17 8	6 8
S 21	0n12	22 16	2 56	7 41	2 12	3 37	1 16	21 21	3 34	22 35	0 42	20 57	1 56	14 2	0 29	14 58	1 36	17 26	9 21	23 15	23 16	8 33	17 7	6 9
M22	0 36	19 28	3 48	7 4	2 13	4 7	1 15	21 18	3 32	22 35	0 42	20 57	1 56	14 3	0 29	14 58	1 36	17 27	9 21	23 15	23 15	8 35	17 6	6 10
T 23	1 0	15 26	4 29	6 25	2 13	4 37	1 14	21 15	3 30	22 35	0 42	20 57	1 56	14 4	0 29	14 59	1 36	17 27	9 21	23 15	23 15	8 38	17 6	6 10
W24	1 24	10 22	4 54	5 46	2 13	5 7	1 13	21 12	3 28	22 35	0 42	20 57	1 56	14 5	0 29	14 59	1 36	17 28	9 21	23 15	23 15	8 41	17 5	6 11
T 25	1 47	4 35	5 0	5 5	2 13	5 37	1 11	21 9	3 26	22 35	0 42	20 56	1 56	14 6	0 29	15 0	1 36	17 28	9 21	23 15	23 15	8 43	17 4	6 12
F 26	2 11	1n32	4 45	4 24	2 12	6 6	1 10	21 5	3 23	22 35	0 42	20 56	1 56	14 7	0 29	15 0	1 36	17 28	9 21	23 14	23 15	8 46	17 3	6 13
S 27	2 35	7 36	4 10	3 42	2 11	6 36	1 8	21 2	3 21	22 35	0 42	20 56	1 56	14 8	0 29	15 1	1 36	17 29	9 20	23 14	23 15	8 49	17 2	6 13
S 28	2 58	13 10	3 17	2 58	2 10	7 5	1 7	20 58	3 19	22 35	0 43	20 56	1 57	14 9	0 29	15 1	1 36	17 29	9 20	23 14	23 15	8 52	17 2	6 14
M29	3 22	17 52	2 13	2 14	2 8	7 34	1 5	20 54	3 17	22 35	0 43	20 56	1 57	14 10	0 29	15 2	1 36	17 30	9 20	23 14	23 15	8 54	17 1	6 15
T 30	3 45	21 23	1 1	1 29	2 5	8 3	1 3	20 50	3 15	22 34	0 43	20 56	1 57	14 11	0 29	15 3	1 36	17 30	9 20	23 14	23 15	8 57	17 0	6 16
W31	4n 9	23n29	0n13	0s43	2s 2	8n32	1s 2	20n46	3n13	22s34	0n43	20s56	1n57	14n12	0s29	15n 3	1s36	17n30	9n20	23n14	23n15	9s 0	16s59	6n17

Julian Day Number = 2887338.5, Delta T = 01h17m49s
Ecliptic obliquity = 23°17'07, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°27'02, Lahiri = 40°34'02

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ASTRODIENST EPHEMERIS for the year 3193
geocentric

APRIL 3193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 39 16	11♈32'04	12♋ 0	4♈45	25♈54	10♌ 1	0♑11	19°R28	9♉50	16♉16	7°R 5	26°R 0	26♊47	4♏22	2♑25	T 1
F 2	12 43 13	12°31'55	25°13	6°36	27° 9	10°11	0°14	19♐27	9°53	16°17	7♍ 4	26♊ 0	26°44	4°28	2°26	F 2
S 3	12 47 9	13°31'45	8♌ 9	8°29	28°23	10°21	0°16	19°27	9°56	16°19	7° 3	25°57	26°41	4°35	2°27	S 3
S 4	12 51 6	14°31'32	20°49	10°23	29°38	10°32	0°18	19°26	9°59	16°21	7° 1	25°52	26°38	4°42	2°28	S 4
M 5	12 55 3	15°31'17	3♍17	12°18	0♉52	10°43	0°21	19°25	10° 2	16°23	7° 0	25°44	26°35	4°48	2°29	M 5
T 6	12 58 59	16°31'00	15°34	14°14	2° 7	10°55	0°22	19°25	10° 5	16°25	6°59	25°34	26°31	4°55	2°30	T 6
W 7	13 2 56	17°30'41	27°44	16°11	3°21	11° 7	0°24	19°24	10° 9	16°27	6°58	25°22	26°28	5° 2	2°30	W 7
T 8	13 6 52	18°30'20	9♎47	18° 9	4°35	11°20	0°26	19°23	10°12	16°29	6°57	25° 9	26°25	5° 8	2°31	T 8
F 9	13 10 49	19°29'57	21°44	20° 8	5°50	11°33	0°27	19°22	10°15	16°32	6°56	24°56	26°22	5°15	2°31	F 9
S 10	13 14 45	20°29'32	3♏37	22° 8	7° 4	11°47	0°28	19°20	10°18	16°34	6°55	24°45	26°19	5°22	2°31	S 10
S 11	13 18 42	21°29'05	15°27	24° 9	8°18	12° 2	0°29	19°19	10°22	16°36	6°54	24°36	26°15	5°29	2°32	S 11
M12	13 22 38	22°28'37	27°16	26°10	9°33	12°16	0°30	19°18	10°25	16°38	6°53	24°30	26°12	5°35	2°R32	M12
T 13	13 26 35	23°28'06	9♐ 7	28°12	10°47	12°32	0°31	19°16	10°28	16°40	6°52	24°26	26° 9	5°42	2°32	T 13
W14	13 30 31	24°27'34	21° 4	0♑14	12° 1	12°47	0°31	19°15	10°32	16°42	6°51	24°D25	26° 6	5°49	2°31	W14
T 15	13 34 28	25°27'00	3♑11	2°16	13°15	13° 4	0°32	19°13	10°35	16°44	6°51	24°25	26° 3	5°55	2°31	T 15
F 16	13 38 25	26°26'25	15°31	4°17	14°29	13°20	0°R32	19°11	10°38	16°46	6°50	24°26	26° 0	6° 2	2°31	F 16
S 17	13 42 21	27°25'48	28°11	6°19	15°44	13°37	0°32	19° 9	10°42	16°48	6°49	24°R27	25°56	6° 9	2°30	S 17
S 18	13 46 18	28°25'09	11♒14	8°19	16°58	13°55	0°31	19° 8	10°45	16°51	6°48	24°26	25°53	6°15	2°30	S 18
M19	13 50 14	29°24'28	24°45	10°18	18°12	14°12	0°31	19° 5	10°48	16°53	6°47	24°23	25°50	6°22	2°29	M19
T 20	13 54 11	0♉23'45	8♓45	12°16	19°26	14°31	0°30	19° 3	10°52	16°55	6°46	24°18	25°47	6°29	2°29	T 20
W21	13 58 7	1°23'01	23°14	14°12	20°40	14°49	0°29	19° 1	10°55	16°57	6°46	24°11	25°44	6°35	2°28	W21
T 22	14 2 4	2°22'15	8♈ 8	16° 5	21°54	15° 8	0°28	18°59	10°58	16°59	6°45	24° 3	25°40	6°42	2°27	T 22
F 23	14 6 0	3°21'27	23°18	17°56	23° 8	15°28	0°27	18°56	11° 2	17° 2	6°44	23°55	25°37	6°49	2°26	F 23
S 24	14 9 57	4°20'38	8♉36	19°44	24°21	15°47	0°25	18°54	11° 5	17° 4	6°44	23°48	25°34	6°56	2°25	S 24
S 25	14 13 54	5°19'46	23°49	21°28	25°35	16° 8	0°24	18°51	11° 9	17° 6	6°43	23°43	25°31	7° 2	2°23	S 25
M26	14 17 50	6°18'53	8♊49	23° 9	26°49	16°28	0°22	18°49	11°12	17° 8	6°42	23°40	25°28	7° 9	2°22	M26
T 27	14 21 47	7°17'57	23°27	24°45	28° 3	16°49	0°20	18°46	11°16	17°11	6°42	23°D39	25°25	7°16	2°21	T 27
W28	14 25 43	8°16'59	7♋39	26°17	29°17	17°10	0°18	18°43	11°19	17°13	6°41	23°40	25°21	7°22	2°19	W28
T 29	14 29 40	9°15'59	21°24	27°45	0♊30	17°31	0°16	18°40	11°22	17°15	6°41	23°41	25°18	7°29	2°18	T 29
F 30	14 33 36	10♉14'56	4♌43	29♉ 7	1♊44	17♌53	0♑13	18♐37	11♉26	17♉17	6♍40	23°R42	25♊15	7♏36	2♑16	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n32	24n 8	1n24	0n 4	1s58	9n 1	1s 0	20n41	3n11	22s34	0n43	20s55	1n57	14n13	0s29	15n 4	1s36	17n31	9n20	23n14	23n15	9s 3	16s58	6n17
F 2	4 55	23 23	2 28	0 51	1 54	9 29	0 58	20 37	3 9	22 34	0 43	20 55	1 57	14 14	0 29	15 4	1 36	17 31	9 20	23 14	23 15	9 5	16 58	6 18
S 3	5 18	21 23	3 24	1 40	1 50	9 57	0 56	20 32	3 7	22 34	0 43	20 55	1 57	14 15	0 29	15 5	1 36	17 31	9 20	23 13	23 15	9 8	16 57	6 19
S 4	5 41	18 23	4 8	2 29	1 45	10 25	0 54	20 27	3 5	22 34	0 43	20 55	1 58	14 16	0 29	15 5	1 36	17 32	9 20	23 13	23 15	9 11	16 56	6 20
M 5	6 4	14 35	4 39	3 18	1 39	10 53	0 52	20 22	3 3	22 34	0 43	20 55	1 58	14 17	0 29	15 6	1 36	17 32	9 20	23 13	23 14	9 13	16 55	6 21
T 6	6 27	10 13	4 57	4 9	1 33	11 21	0 50	20 17	3 1	22 34	0 43	20 55	1 58	14 18	0 29	15 7	1 36	17 32	9 20	23 13	23 14	9 16	16 54	6 21
W 7	6 50	5 31	5 1	5 0	1 26	11 48	0 48	20 11	2 59	22 34	0 43	20 54	1 58	14 19	0 29	15 7	1 36	17 33	9 20	23 12	23 14	9 19	16 54	6 22
T 8	7 12	0 38	4 52	5 51	1 19	12 15	0 46	20 6	2 57	22 34	0 43	20 54	1 58	14 20	0 29	15 8	1 36	17 33	9 19	23 12	23 14	9 22	16 53	6 23
F 9	7 35	4s14	4 30	6 43	1 12	12 41	0 44	20 0	2 55	22 34	0 43	20 54	1 58	14 21	0 28	15 8	1 36	17 33	9 19	23 11	23 14	9 24	16 52	6 24
S 10	7 57	8 56	3 56	7 35	1 3	13 8	0 42	19 55	2 53	22 34	0 43	20 54	1 58	14 22	0 28	15 9	1 36	17 34	9 19	23 11	23 14	9 27	16 51	6 24
S 11	8 19	13 18	3 12	8 27	0 55	13 34	0 40	19 49	2 51	22 34	0 43	20 53	1 58	14 23	0 28	15 10	1 36	17 34	9 19	23 11	23 14	9 30	16 51	6 25
M12	8 42	17 9	2 20	9 20	0 46	13 59	0 37	19 43	2 49	22 34	0 43	20 53	1 59	14 24	0 28	15 10	1 36	17 34	9 19	23 10	23 14	9 32	16 50	6 26
T 13	9 3	20 21	1 21	10 12	0 36	14 24	0 35	19 37	2 47	22 34	0 43	20 53	1 59	14 25	0 28	15 11	1 36	17 34	9 19	23 10	23 14	9 35	16 49	6 27
W14	9 25	22 41	0 18	11 4	0 26	14 49	0 33	19 30	2 45	22 34	0 43	20 53	1 59	14 26	0 28	15 11	1 36	17 35	9 19	23 10	23 14	9 38	16 48	6 27
T 15	9 47	24 2	0s47	11 56	0 16	15 14	0 30	19 24	2 43	22 34	0 43	20 52	1 59	14 27	0 28	15 12	1 36	17 35	9 19	23 10	23 14	9 40	16 48	6 28
F 16	10 8	24 13	1 51	12 47	0 5	15 38	0 28	19 17	2 42	22 34	0 43	20 52	1 59	14 28	0 28	15 13	1 36	17 35	9 19	23 10	23 13	9 43	16 47	6 29
S 17	10 30	23 11	2 51	13 38	0n 6	16 2	0 26	19 11	2 40	22 34	0 43	20 52	1 59	14 29	0 28	15 13	1 36	17 35	9 18	23 10	23 13	9 46	16 46	6 30
S 18	10 51	20 53	3 44	14 27	0 17	16 25	0 23	19 4	2 38	22 34	0 43	20 52	1 59	14 30	0 28	15 14	1 36	17 35	9 18	23 10	23 13	9 49	16 45	6 31
M19	11 12	17 23	4 27	15 16	0 28	16 48	0 21	18 57	2 36	22 34	0 43	20 51	1 59	14 31	0 28	15 15	1 36	17 36	9 18	23 10	23 13	9 51	16 44	6 31
T 20	11 32	12 48	4 55	16 3	0 40	17 11	0 18	18 50	2 34	22 34	0 43	20 51	2 0	14 32	0 28	15 15	1 36	17 36	9 18	23 10	23 13	9 54	16 44	6 32
W21	11 53	7 22	5 6	16 49	0 51	17 33	0 16	18 43	2 33	22 34	0 43	20 51	2 0	14 33	0 28	15 16	1 36	17 36	9 18	23 10	23 13	9 57	16 43	6 33
T 22	12 13	1 21	4 57	17 33	1 3	17 55	0 13	18 36	2 31	22 34	0 43	20 51	2 0	14 34	0 28	15 16	1 36	17 36	9 18	23 9	23 13	9 59	16 42	6 34
F 23	12 33	4n51	4 27	18 15	1 14	18 16	0 10	18 28	2 29	22 34	0 44	20 50	2 0	14 36	0 28	15 17	1 36	17 36	9 18	23 9	23 13	10 2	16 42	6 34
S 24	12 53	10 50	3 38	18 55	1 25	18 37	0 8	18 21	2 28	22 34	0 44	20 50	2 0	14 37	0 28	15 18	1 35	17 36	9 17	23 8	23 13	10 5	16 41	6 35
S 25	13 13	16 7	2 34	19 33	1 36	18 57	0 5	18 13	2 26	22 34	0 44	20 50	2 0	14 38	0 28	15 18	1 35	17 36	9 17	23 8	23 13	10 7	16 40	6 36
M26	13 32	20 19	1 19	20 9	1 46	19 17	0 3	18 6	2 24	22 34	0 44	20 49	2 0	14 39	0 28	15 19	1 35	17 36	9 17	23 8	23 12	10 10	16 39	6 36
T 27	13 52	23 6	0 1	20 42	1 56	19 36	0n 0	17 58	2 23	22 33	0 44	20 49	2 0	14 40	0 28	15 20	1 35	17 36	9 17	23 8	23 12	10 13	16 39	6 37
W28	14 11	24 19	1n15	21 13	2 5	19 55	0 3	17 50	2 21	22 33	0 44	20 49	2 0	14 41	0 28	15 20	1 35	17 37	9 17	23 8	23 12	10 16	16 38	6 38
T 29	14 29	23 58	2 24	21 42	2 13	20 13	0 5	17 42	2 19	22 33	0 44	20 48	2 0	14 42	0 28	15 21	1 35	17 37	9 17	23 8	23 12	10 18	16 37	6 39
F 30	14n48	22n15	3n24	22n 7	2n21	20n30	0n 8	17n34	2n18	22s33	0n44	20s48	2n 0	14n43	0s28	15n21	1s35	17n37	9n16	23n 8	23n12	10s21	16s37	6n39

Julian Day Number = 2887369.5, Delta T = 01h17m49s
Ecliptic obliquity = 23°17'07, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°27'06, Lahiri = 40°34'06

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ASTRODIENST EPHEMERIS for the year 3193
geocentric

MAY 3193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 37 33	11♉13'52	17♌40	0♊24	2♊58	18♌15	0°R10	18°R34	11♉29	17♉20	6°R40	23°R42	25♊12	7♏42	2°R14	S 1
S 2	14 41 29	12°12'45	0♍17	1°36	4°11	18°38	0♑ 7	18♐31	11°33	17°22	6♍39	23♊40	25° 9	7°49	2♑13	S 2
M 3	14 45 26	13°11'35	12°39	2°43	5°25	19° 0	0° 4	18°28	11°36	17°24	6°39	23°37	25° 6	7°56	2°11	M 3
T 4	14 49 23	14°10'24	24°48	3°44	6°39	19°23	0° 1	18°25	11°40	17°26	6°38	23°32	25° 2	8° 2	2° 9	T 4
W 5	14 53 19	15° 9'10	6♎49	4°39	7°52	19°46	29♐58	18°22	11°43	17°29	6°38	23°25	24°59	8° 9	2° 6	W 5
T 6	14 57 16	16° 7'55	18°45	5°28	9° 5	20°10	29°54	18°18	11°46	17°31	6°38	23°18	24°56	8°16	2° 4	T 6
F 7	15 1 12	17° 6'37	0♏36	6°11	10°19	20°34	29°50	18°15	11°50	17°33	6°37	23°11	24°53	8°22	2° 2	F 7
S 8	15 5 9	18° 5'18	12°26	6°49	11°32	20°58	29°46	18°11	11°53	17°35	6°37	23° 5	24°50	8°29	2° 0	S 8
S 9	15 9 5	19° 3'56	24°17	7°20	12°46	21°22	29°42	18° 8	11°57	17°38	6°37	23° 1	24°46	8°36	1°57	S 9
M10	15 13 2	20° 2'33	6♐10	7°46	13°59	21°47	29°38	18° 4	12° 0	17°40	6°36	22°58	24°43	8°43	1°55	M10
T 11	15 16 58	21° 1'08	18° 7	8° 5	15°12	22°11	29°34	18° 0	12° 4	17°42	6°36	22°D56	24°40	8°49	1°52	T 11
W12	15 20 55	21°59'41	0♑11	8°18	16°25	22°36	29°29	17°56	12° 7	17°44	6°36	22°56	24°37	8°56	1°50	W12
T 13	15 24 52	22°58'13	12°25	8°26	17°38	23° 2	29°24	17°53	12°10	17°47	6°36	22°58	24°34	9° 3	1°47	T 13
F 14	15 28 48	23°56'43	24°51	8°R28	18°52	23°27	29°20	17°49	12°14	17°49	6°36	22°59	24°31	9° 9	1°44	F 14
S 15	15 32 45	24°55'11	7♒34	8°24	20° 5	23°53	29°15	17°45	12°17	17°51	6°36	23° 1	24°27	9°16	1°41	S 15
S 16	15 36 41	25°53'38	20°37	8°15	21°18	24°19	29° 9	17°41	12°20	17°54	6°36	23°R 2	24°24	9°23	1°38	S 16
M17	15 40 38	26°52'03	4♓ 2	8° 1	22°31	24°45	29° 4	17°37	12°24	17°56	6°36	23° 2	24°21	9°29	1°35	M17
T 18	15 44 34	27°50'27	17°53	7°42	23°44	25°11	28°59	17°33	12°27	17°58	6°D35	23° 0	24°18	9°36	1°32	T 18
W19	15 48 31	28°48'49	2♈ 9	7°19	24°57	25°38	28°53	17°29	12°30	18° 0	6°35	22°58	24°15	9°43	1°29	W19
T 20	15 52 27	29°47'10	16°48	6°52	26°10	26° 4	28°47	17°25	12°34	18° 2	6°36	22°55	24°12	9°49	1°26	T 20
F 21	15 56 24	0♊45'29	1♉45	6°21	27°22	26°31	28°41	17°20	12°37	18° 5	6°36	22°52	24° 8	9°56	1°23	F 21
S 22	16 0 21	1°43'47	16°52	5°48	28°35	26°59	28°35	17°16	12°40	18° 7	6°36	22°50	24° 5	10° 3	1°19	S 22
S 23	16 4 17	2°42'03	2♊ 0	5°13	29°48	27°26	28°29	17°12	12°44	18° 9	6°36	22°48	24° 2	10° 9	1°16	S 23
M24	16 8 14	3°40'18	17° 0	4°37	1♋ 1	27°54	28°23	17° 8	12°47	18°11	6°36	22°D47	23°59	10°16	1°12	M24
T 25	16 12 10	4°38'31	1♋43	4° 0	2°13	28°21	28°17	17° 3	12°50	18°14	6°36	22°47	23°56	10°23	1° 9	T 25
W26	16 16 7	5°36'42	16° 4	3°22	3°26	28°49	28°10	16°59	12°53	18°16	6°36	22°48	23°52	10°29	1° 5	W26
T 27	16 20 3	6°34'51	29°58	2°45	4°39	29°17	28° 4	16°55	12°57	18°18	6°37	22°49	23°49	10°36	1° 2	T 27
F 28	16 24 0	7°32'59	13♌26	2°10	5°51	29°46	27°57	16°50	13° 0	18°20	6°37	22°50	23°46	10°43	0°58	F 28
S 29	16 27 56	8°31'04	26°29	1°36	7° 4	0♍14	27°50	16°46	13° 3	18°22	6°37	22°51	23°43	10°50	0°54	S 29
S 30	16 31 53	9°29'08	9♍ 9	1° 4	8°16	0°43	27°44	16°41	13° 6	18°24	6°37	22°R51	23°40	10°56	0°51	S 30
M31	16 35 50	10♊27'10	21♍32	0♊36	9♋29	1♍12	27♐37	16♐37	13♉ 9	18♉27	6♍38	22♊51	23♊37	11♏ 3	0♑47	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 6	19n25	4n11	22n31	2n28	20n48	0n11	17n25	2n16	22s33	0n44	20s48	2n 1	14n44	0s28	15n22	1s35	17n37	9n16	23n 8	23n12	10s24	16s36	6n40
S 2	15 24	15 44	4 45	22 52	2 34	21 4	0 13	17 17	2 15	22 33	0 44	20 47	2 1	14 45	0 28	15 23	1 35	17 37	9 16	23 8	23 12	10 26	16 35	6 41
M 3	15 42	11 27	5 4	23 10	2 39	21 20	0 16	17 8	2 13	22 33	0 44	20 47	2 1	14 46	0 28	15 23	1 35	17 37	9 16	23 8	23 12	10 29	16 35	6 41
T 4	15 59	6 48	5 10	23 26	2 43	21 35	0 19	17 0	2 12	22 33	0 44	20 47	2 1	14 47	0 28	15 24	1 35	17 37	9 16	23 8	23 12	10 32	16 34	6 42
W 5	16 17	1 56	5 1	23 39	2 46	21 50	0 22	16 51	2 10	22 33	0 44	20 46	2 1	14 48	0 28	15 25	1 35	17 37	9 16	23 7	23 11	10 34	16 33	6 43
T 6	16 34	2s58	4 40	23 50	2 48	22 4	0 24	16 42	2 9	22 33	0 44	20 46	2 1	14 49	0 28	15 25	1 35	17 37	9 15	23 7	23 11	10 37	16 33	6 43
F 7	16 50	7 45	4 7	23 59	2 49	22 18	0 27	16 33	2 7	22 33	0 44	20 46	2 1	14 50	0 28	15 26	1 35	17 37	9 15	23 7	23 11	10 40	16 32	6 44
S 8	17 7	12 15	3 23	24 5	2 49	22 31	0 30	16 24	2 6	22 33	0 44	20 45	2 1	14 51	0 28	15 27	1 35	17 37	9 15	23 6	23 11	10 42	16 32	6 45
S 9	17 23	16 18	2 30	24 8	2 47	22 43	0 32	16 15	2 4	22 33	0 44	20 45	2 1	14 52	0 28	15 27	1 35	17 36	9 15	23 6	23 11	10 45	16 31	6 45
M10	17 38	19 43	1 30	24 10	2 44	22 55	0 35	16 6	2 3	22 33	0 44	20 45	2 1	14 53	0 28	15 28	1 35	17 36	9 15	23 6	23 11	10 48	16 30	6 46
T 11	17 54	22 19	0 26	24 9	2 40	23 6	0 38	15 56	2 1	22 33	0 44	20 44	2 1	14 54	0 28	15 28	1 35	17 36	9 15	23 6	23 11	10 50	16 30	6 47
W12	18 9	23 57	0s40	24 6	2 35	23 16	0 40	15 47	2 0	22 33	0 44	20 44	2 1	14 56	0 28	15 29	1 35	17 36	9 14	23 6	23 11	10 53	16 29	6 47
T 13	18 24	24 27	1 45	24 0	2 28	23 26	0 43	15 37	1 59	22 33	0 44	20 43	2 1	14 57	0 28	15 30	1 35	17 36	9 14	23 6	23 10	10 56	16 29	6 48
F 14	18 38	23 45	2 46	23 53	2 20	23 35	0 45	15 28	1 57	22 33	0 44	20 43	2 1	14 58	0 28	15 30	1 35	17 36	9 14	23 6	23 10	10 58	16 28	6 48
S 15	18 52	21 49	3 41	23 43	2 11	23 43	0 48	15 18	1 56	22 33	0 44	20 43	2 1	14 59	0 28	15 31	1 35	17 36	9 14	23 6	23 10	11 1	16 27	6 49
S 16	19 6	18 43	4 26	23 31	2 0	23 51	0 51	15 8	1 54	22 33	0 44	20 42	2 1	15 0	0 28	15 31	1 35	17 36	9 14	23 6	23 10	11 4	16 27	6 50
M17	19 20	14 35	4 57	23 17	1 48	23 58	0 53	14 58	1 53	22 33	0 44	20 42	2 1	15 1	0 28	15 32	1 35	17 36	9 13	23 6	23 10	11 6	16 26	6 50
T 18	19 33	9 34	5 13	23 1	1 36	24 4	0 56	14 48	1 52	22 33	0 44	20 41	2 1	15 2	0 28	15 33	1 35	17 35	9 13	23 6	23 10	11 9	16 26	6 51
W19	19 46	3 54	5 10	22 44	1 22	24 9	0 58	14 38	1 50	22 33	0 44	20 41	2 1	15 3	0 28	15 33	1 35	17 35	9 13	23 6	23 10	11 12	16 25	6 51
T 20	19 58	2n 7	4 48	22 25	1 7	24 14	1 1	14 27	1 49	22 33	0 44	20 41	2 1	15 4	0 28	15 34	1 35	17 35	9 13	23 6	23 10	11 14	16 25	6 52
F 21	20 11	8 10	4 5	22 4	0 51	24 19	1 3	14 17	1 48	22 33	0 44	20 40	2 1	15 5	0 28	15 35	1 35	17 35	9 13	23 6	23 9	11 17	16 24	6 52
S 22	20 22	13 48	3 5	21 42	0 34	24 22	1 6	14 7	1 47	22 33	0 43	20 40	2 1	15 6	0 28	15 35	1 36	17 35	9 12	23 6	23 9	11 20	16 24	6 53
S 23	20 34	18 36	1 52	21 19	0 17	24 25	1 8	13 56	1 45	22 33	0 43	20 39	2 1	15 7	0 28	15 36	1 36	17 34	9 12	23 5	23 9	11 22	16 23	6 53
M24	20 45	22 7	0 32	20 56	0 0	24 27	1 10	13 45	1 44	22 33	0 43	20 39	2 1	15 8	0 28	15 36	1 36	17 34	9 12	23 5	23 9	11 25	16 23	6 54
T 25	20 56	24 6	0n49	20 31	0s18	24 29	1 13	13 35	1 43	22 33	0 43	20 39	2 1	15 9	0 28	15 37	1 36	17 34	9 12	23 5	23 9	11 28	16 22	6 54
W26	21 6	24 24	2 5	20 7	0 35	24 29	1 15	13 24	1 42	22 33	0 43	20 38	2 1	15 10	0 28	15 37	1 36	17 34	9 12	23 5	23 9	11 30	16 22	6 55
T 27	21 16	23 9	3 11	19 43	0 53	24 29	1 17	13 13	1 40	22 33	0 43	20 38	2 1	15 11	0 28	15 38	1 36	17 33	9 12	23 6	23 9	11 33	16 22	6 55
F 28	21 26	20 35	4 5	19 19	1 10	24 29	1 19	13 2	1 39	22 33	0 43	20 37	2 1	15 11	0 28	15 39	1 36	17 33	9 11	23 6	23 8	11 36	16 21	6 56
S 29	21 35	17 3	4 44	18 56	1 27	24 27	1 21	12 51	1 38	22 33	0 43	20 37	2 1	15 12	0 28	15 39	1 36	17 33	9 11	23 6	23 8	11 38	16 21	6 56
S 30	21 44	12 50	5 8	18 34	1 43	24 25	1 23	12 39	1 37	22 33	0 43	20 37	2 1	15 13	0 28	15 40	1 36	17 33	9 11	23 6	23 8	11 41	16 20	6 57
M31	21n52	8n11	5n16	18n12	1s59	24n22	1n25	12n28	1n35	22s33	0n43	20s36	2n 1	15n14	0s28	15n40	1s36	17n32	9n11	23n 6	23n 8	11s44	16s20	6n57

Julian Day Number = 2887399.5, Delta T = 01h17m50s
Ecliptic obliquity = 23°17'07, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°27'10, Lahiri = 40°34'10

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ASTRODIENST EPHEMERIS for the year 3193
geocentric

JUNE 3193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 39 46	11♊25'09	3♎40	0°R10	10♋41	1♍41	27°R30	16°R32	13♉12	18♉29	6♍38	22°R50	23♊33	11♏10	0°R43	T 1
W 2	16 43 43	12°23'08	15°38	29♉48	11°53	2°10	27♐23	16♐28	13°16	18°31	6°39	22♊49	23°30	11°16	0♑39	W 2
T 3	16 47 39	13°21'04	27°30	29°30	13° 5	2°39	27°15	16°23	13°19	18°33	6°39	22°48	23°27	11°23	0°35	T 3
F 4	16 51 36	14°18'59	9♏19	29°17	14°18	3° 8	27° 8	16°19	13°22	18°35	6°39	22°47	23°24	11°30	0°31	F 4
S 5	16 55 32	15°16'52	21°10	29° 7	15°30	3°38	27° 1	16°15	13°25	18°37	6°40	22°45	23°21	11°36	0°27	S 5
S 6	16 59 29	16°14'44	3♐ 4	29° 2	16°42	4° 8	26°54	16°10	13°28	18°39	6°40	22°45	23°18	11°43	0°23	S 6
M 7	17 3 25	17°12'34	15° 3	29°D 2	17°54	4°37	26°46	16° 6	13°31	18°41	6°41	22°44	23°14	11°50	0°19	M 7
T 8	17 7 22	18°10'23	27°10	29° 6	19° 6	5° 7	26°39	16° 1	13°34	18°43	6°42	22°D44	23°11	11°56	0°15	T 8
W 9	17 11 19	19° 8'11	9♑27	29°14	20°18	5°38	26°31	15°57	13°37	18°45	6°42	22°45	23° 8	12° 3	0°11	W 9
T 10	17 15 15	20° 5'57	21°55	29°27	21°30	6° 8	26°24	15°52	13°40	18°47	6°43	22°45	23° 5	12°10	0° 7	T 10
F 11	17 19 12	21° 3'42	4♒36	29°45	22°41	6°38	26°16	15°48	13°43	18°49	6°43	22°45	23° 2	12°16	0° 3	F 11
S 12	17 23 8	22° 1'27	17°31	0♊ 7	23°53	7° 9	26° 9	15°43	13°45	18°51	6°44	22°45	22°58	12°23	29♐59	S 12
S 13	17 27 5	22°59'10	0♓42	0°33	25° 5	7°39	26° 1	15°39	13°48	18°53	6°45	22°R45	22°55	12°30	29°55	S 13
M14	17 31 1	23°56'52	14°10	1° 4	26°16	8°10	25°53	15°34	13°51	18°55	6°46	22°45	22°52	12°36	29°51	M14
T 15	17 34 58	24°54'33	27°57	1°38	27°28	8°41	25°46	15°30	13°54	18°57	6°46	22°D45	22°49	12°43	29°46	T 15
W16	17 38 55	25°52'13	12♈ 2	2°17	28°40	9°12	25°38	15°25	13°57	18°59	6°47	22°45	22°46	12°50	29°42	W16
T 17	17 42 51	26°49'52	26°24	2°59	29°51	9°43	25°30	15°21	13°59	19° 1	6°48	22°46	22°43	12°56	29°38	T 17
F 18	17 46 48	27°47'31	11♉ 0	3°45	1♌ 2	10°15	25°23	15°17	14° 2	19° 3	6°49	22°46	22°39	13° 3	29°34	F 18
S 19	17 50 44	28°45'09	25°46	4°35	2°14	10°46	25°15	15°12	14° 5	19° 5	6°50	22°46	22°36	13°10	29°30	S 19
S 20	17 54 41	29°42'46	10♊34	5°28	3°25	11°18	25° 7	15° 8	14° 7	19° 6	6°50	22°47	22°33	13°16	29°25	S 20
M21	17 58 37	0♋40'22	25°19	6°25	4°36	11°49	25° 0	15° 4	14°10	19° 8	6°51	22°R47	22°30	13°23	29°21	M21
T 22	18 2 34	1°37'57	9♋52	7°25	5°47	12°21	24°52	15° 0	14°13	19°10	6°52	22°47	22°27	13°30	29°17	T 22
W23	18 6 30	2°35'31	24° 9	8°29	6°59	12°53	24°45	14°55	14°15	19°12	6°53	22°46	22°24	13°36	29°13	W23
T 24	18 10 27	3°33'03	8♌ 4	9°36	8°10	13°25	24°37	14°51	14°18	19°14	6°54	22°45	22°20	13°43	29° 9	T 24
F 25	18 14 24	4°30'35	21°36	10°46	9°21	13°57	24°30	14°47	14°20	19°15	6°55	22°43	22°17	13°50	29° 4	F 25
S 26	18 18 20	5°28'05	4♍43	11°59	10°31	14°29	24°22	14°43	14°23	19°17	6°56	22°42	22°14	13°57	29° 0	S 26
S 27	18 22 17	6°25'35	17°28	13°15	11°42	15° 1	24°15	14°39	14°25	19°19	6°57	22°41	22°11	14° 3	28°56	S 27
M28	18 26 13	7°23'03	29°53	14°34	12°53	15°34	24° 8	14°35	14°27	19°20	6°58	22°40	22° 8	14°10	28°52	M28
T 29	18 30 10	8°20'30	12♎ 2	15°56	14° 4	16° 6	24° 0	14°31	14°30	19°22	6°59	22°D40	22° 4	14°17	28°48	T 29
W30	18 34 6	9♋17'56	24♎ 0	17♊21	15♌14	16♍39	23♐53	14♐27	14♉32	19♉24	7♍ 1	22♊40	22♊ 1	14♏23	28♐44	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 0	3n19	5n11	17n53	2s13	24n19	1n27	12n17	1n34	22s33	0n43	20s36	2n 1	15n15	0s28	15n41	1s36	17n32	9n11	23n 6	23n 8	11s46	16s19	6n58
W 2	22 8	1s37	4 52	17 35	2 27	24 15	1 29	12 5	1 33	22 33	0 43	20 35	2 1	15 16	0 28	15 41	1 36	17 32	9 10	23 6	23 8	11 49	16 19	6 58
T 3	22 15	6 27	4 21	17 18	2 40	24 10	1 31	11 54	1 32	22 33	0 43	20 35	2 1	15 17	0 28	15 42	1 36	17 31	9 10	23 5	23 7	11 52	16 19	6 58
F 4	22 22	11 3	3 38	17 4	2 52	24 4	1 33	11 42	1 31	22 32	0 43	20 35	2 1	15 18	0 28	15 43	1 36	17 31	9 10	23 5	23 7	11 54	16 18	6 59
S 5	22 29	15 15	2 46	16 51	3 3	23 58	1 35	11 30	1 30	22 32	0 43	20 34	2 1	15 19	0 28	15 43	1 36	17 31	9 10	23 5	23 7	11 57	16 18	6 59
S 6	22 35	18 53	1 47	16 41	3 12	23 51	1 37	11 19	1 29	22 32	0 43	20 34	2 1	15 20	0 28	15 44	1 36	17 30	9 10	23 5	23 7	12 0	16 18	6 59
M 7	22 40	21 45	0 43	16 32	3 21	23 43	1 38	11 7	1 27	22 32	0 43	20 33	2 1	15 21	0 28	15 44	1 36	17 30	9 9	23 5	23 7	12 2	16 17	7 0
T 8	22 46	23 40	0s25	16 26	3 28	23 35	1 40	10 55	1 26	22 32	0 42	20 33	2 1	15 22	0 28	15 45	1 36	17 29	9 9	23 5	23 7	12 5	16 17	7 0
W 9	22 51	24 28	1 31	16 21	3 35	23 26	1 41	10 43	1 25	22 32	0 42	20 33	2 1	15 22	0 28	15 45	1 36	17 29	9 9	23 5	23 7	12 8	16 17	7 0
T 10	22 55	24 4	2 35	16 19	3 40	23 17	1 43	10 31	1 24	22 32	0 42	20 32	2 1	15 23	0 28	15 46	1 36	17 29	9 9	23 5	23 6	12 10	16 17	7 1
F 11	22 59	22 25	3 32	16 18	3 45	23 6	1 44	10 18	1 23	22 32	0 42	20 32	2 1	15 24	0 28	15 46	1 36	17 28	9 9	23 5	23 6	12 13	16 16	7 1
S 12	23 3	19 36	4 19	16 20	3 48	22 55	1 46	10 6	1 22	22 32	0 42	20 31	2 1	15 25	0 28	15 47	1 36	17 28	9 9	23 5	23 6	12 15	16 16	7 1
S 13	23 6	15 44	4 54	16 23	3 50	22 44	1 47	9 54	1 21	22 32	0 42	20 31	2 1	15 26	0 28	15 47	1 36	17 27	9 8	23 5	23 6	12 18	16 16	7 1
M14	23 9	11 1	5 14	16 28	3 51	22 32	1 48	9 41	1 20	22 31	0 42	20 31	2 1	15 27	0 28	15 48	1 36	17 27	9 8	23 5	23 6	12 21	16 16	7 2
T 15	23 11	5 39	5 16	16 34	3 52	22 19	1 49	9 29	1 19	22 31	0 42	20 30	2 0	15 27	0 28	15 48	1 36	17 27	9 8	23 5	23 6	12 23	16 15	7 2
W16	23 13	0n 7	5 0	16 42	3 51	22 6	1 50	9 16	1 18	22 31	0 42	20 30	2 0	15 28	0 28	15 49	1 36	17 26	9 8	23 5	23 5	12 26	16 15	7 2
T 17	23 15	6 1	4 24	16 51	3 50	21 52	1 51	9 4	1 17	22 31	0 42	20 30	2 0	15 29	0 28	15 49	1 36	17 26	9 8	23 5	23 5	12 29	16 15	7 2
F 18	23 16	11 40	3 32	17 2	3 48	21 37	1 52	8 51	1 16	22 31	0 41	20 29	2 0	15 30	0 28	15 50	1 36	17 25	9 7	23 5	23 5	12 31	16 15	7 2
S 19	23 17	16 44	2 24	17 14	3 45	21 22	1 53	8 38	1 15	22 31	0 41	20 29	2 0	15 31	0 28	15 50	1 36	17 25	9 7	23 5	23 5	12 34	16 15	7 3
S 20	23 17	20 47	1 7	17 27	3 41	21 7	1 54	8 25	1 14	22 31	0 41	20 29	2 0	15 31	0 28	15 51	1 36	17 24	9 7	23 5	23 5	12 36	16 14	7 3
M21	23 17	23 26	0n14	17 41	3 37	20 50	1 54	8 12	1 13	22 30	0 41	20 28	2 0	15 32	0 28	15 51	1 36	17 24	9 7	23 5	23 4	12 39	16 14	7 3
T 22	23 17	24 28	1 33	17 56	3 32	20 34	1 55	7 59	1 12	22 30	0 41	20 28	2 0	15 33	0 28	15 51	1 36	17 23	9 7	23 5	23 4	12 42	16 14	7 3
W23	23 16	23 51	2 45	18 11	3 26	20 16	1 56	7 46	1 11	22 30	0 41	20 28	2 0	15 34	0 28	15 52	1 36	17 23	9 7	23 5	23 4	12 44	16 14	7 3
T 24	23 14	21 46	3 45	18 27	3 20	19 59	1 56	7 33	1 10	22 30	0 41	20 27	1 59	15 34	0 28	15 52	1 36	17 22	9 6	23 5	23 4	12 47	16 14	7 3
F 25	23 13	18 30	4 31	18 44	3 13	19 40	1 56	7 20	1 9	22 30	0 41	20 27	1 59	15 35	0 28	15 53	1 36	17 22	9 6	23 5	23 4	12 50	16 14	7 3
S 26	23 10	14 23	5 1	19 1	3 5	19 21	1 57	7 7	1 8	22 30	0 40	20 27	1 59	15 36	0 28	15 53	1 36	17 21	9 6	23 5	23 4	12 52	16 14	7 3
S 27	23 8	9 46	5 15	19 19	2 57	19 2	1 57	6 53	1 7	22 29	0 40	20 26	1 59	15 37	0 28	15 54	1 36	17 21	9 6	23 5	23 3	12 55	16 14	7 3
M28	23 5	4 51	5 14	19 36	2 49	18 42	1 57	6 40	1 6	22 29	0 40	20 26	1 59	15 37	0 28	15 54	1 37	17 20	9 6	23 5	23 3	12 57	16 13	7 3
T 29	23 1	0s 8	4 59	19 54	2 39	18 22	1 57	6 26	1 5	22 29	0 40	20 26	1 59	15 38	0 28	15 54	1 37	17 19	9 6	23 5	23 3	13 0	16 13	7 3
W30	22n58	5s 3	4n30	20n12	2s30	18n 1	1n57	6n13	1n 4	22s29	0n40	20s25	1n59	15n39	0s28	15n55	1s37	17n19	9n 6	23n 5	23n 3	13s 3	16s13	7n 3

Julian Day Number = 2887430.5, Delta T = 01h17m51s
Ecliptic obliquity = 23°17'07, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°27'14, Lahiri = 40°34'15

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ASTRODIENST EPHEMERIS for the year 3193
geocentric

JULY 3193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 38 3	10♋15'21	5♏52	18♊49	16♌25	17♍12	23°R46	14°R24	14♉34	19♉25	7♍ 2	22♊41	21♊58	14♏30	28°R40	T 1
F 2	18 41 59	11°12'45	17°42	20°20	17°35	17°45	23♐39	14♐20	14°37	19°27	7° 3	22°43	21°55	14°37	28♐36	F 2
S 3	18 45 56	12°10'08	29°34	21°54	18°46	18°17	23°32	14°16	14°39	19°28	7° 4	22°44	21°52	14°43	28°32	S 3
S 4	18 49 53	13° 7'30	11♐32	23°31	19°56	18°51	23°25	14°12	14°41	19°30	7° 5	22°45	21°49	14°50	28°28	S 4
M 5	18 53 49	14° 4'52	23°40	25°10	21° 6	19°24	23°19	14° 9	14°43	19°31	7° 6	22°R46	21°45	14°57	28°24	M 5
T 6	18 57 46	15° 2'13	5♑59	26°53	22°16	19°57	23°12	14° 5	14°45	19°33	7° 8	22°45	21°42	15° 3	28°20	T 6
W 7	19 1 42	15°59'33	18°32	28°38	23°26	20°30	23° 5	14° 2	14°47	19°34	7° 9	22°44	21°39	15°10	28°16	W 7
T 8	19 5 39	16°56'52	1♒19	0♋26	24°36	21° 3	22°59	13°58	14°49	19°36	7°10	22°41	21°36	15°17	28°12	T 8
F 9	19 9 35	17°54'12	14°21	2°16	25°46	21°37	22°52	13°55	14°51	19°37	7°12	22°37	21°33	15°23	28° 8	F 9
S 10	19 13 32	18°51'30	27°37	4°10	26°56	22°11	22°46	13°52	14°53	19°38	7°13	22°33	21°30	15°30	28° 5	S 10
S 11	19 17 28	19°48'49	11♓ 6	6° 5	28° 5	22°44	22°40	13°49	14°55	19°40	7°14	22°30	21°26	15°37	28° 1	S 11
M12	19 21 25	20°46'07	24°47	8° 4	29°15	23°18	22°34	13°45	14°57	19°41	7°16	22°27	21°23	15°43	27°57	M12
T 13	19 25 22	21°43'25	8♈40	10° 4	0♍24	23°52	22°28	13°42	14°59	19°42	7°17	22°25	21°20	15°50	27°54	T 13
W14	19 29 18	22°40'42	22°43	12° 7	1°34	24°26	22°22	13°39	15° 0	19°44	7°18	22°D24	21°17	15°57	27°50	W14
T 15	19 33 15	23°38'00	6♉54	14°11	2°43	25° 0	22°17	13°36	15° 2	19°45	7°20	22°25	21°14	16° 3	27°46	T 15
F 16	19 37 11	24°35'18	21°12	16°17	3°52	25°34	22°11	13°34	15° 4	19°46	7°21	22°26	21°10	16°10	27°43	F 16
S 17	19 41 8	25°32'36	5♊34	18°25	5° 1	26° 8	22° 6	13°31	15° 5	19°47	7°23	22°27	21° 7	16°17	27°40	S 17
S 18	19 45 4	26°29'54	19°57	20°34	6°10	26°42	22° 1	13°28	15° 7	19°48	7°24	22°R28	21° 4	16°23	27°36	S 18
M19	19 49 1	27°27'12	4♋17	22°44	7°19	27°17	21°56	13°26	15° 9	19°50	7°26	22°28	21° 1	16°30	27°33	M19
T 20	19 52 58	28°24'30	18°29	24°54	8°28	27°51	21°51	13°23	15°10	19°51	7°27	22°25	20°58	16°37	27°30	T 20
W21	19 56 54	29°21'47	2♌30	27° 5	9°37	28°25	21°46	13°21	15°11	19°52	7°29	22°22	20°55	16°43	27°26	W21
T 22	20 0 51	0♌19'05	16°14	29°16	10°45	29° 0	21°41	13°18	15°13	19°53	7°30	22°16	20°51	16°50	27°23	T 22
F 23	20 4 47	1°16'22	29°39	1♌27	11°54	29°35	21°37	13°16	15°14	19°54	7°32	22°10	20°48	16°57	27°20	F 23
S 24	20 8 44	2°13'39	12♍44	3°37	13° 2	0♎10	21°32	13°14	15°16	19°55	7°33	22° 4	20°45	17° 3	27°17	S 24
S 25	20 12 40	3°10'56	25°28	5°46	14°10	0°44	21°28	13°12	15°17	19°56	7°35	21°58	20°42	17°10	27°14	S 25
M26	20 16 37	4° 8'12	7♎53	7°55	15°18	1°19	21°24	13°10	15°18	19°57	7°37	21°53	20°39	17°17	27°12	M26
T 27	20 20 33	5° 5'29	20° 3	10° 2	16°26	1°54	21°20	13° 8	15°19	19°57	7°38	21°50	20°36	17°23	27° 9	T 27
W28	20 24 30	6° 2'45	2♏ 2	12° 8	17°34	2°29	21°17	13° 6	15°20	19°58	7°40	21°D49	20°32	17°30	27° 6	W28
T 29	20 28 27	7° 0'01	13°53	14°13	18°42	3° 4	21°13	13° 4	15°22	19°59	7°42	21°49	20°29	17°37	27° 3	T 29
F 30	20 32 23	7°57'16	25°43	16°16	19°49	3°40	21°10	13° 2	15°23	20° 0	7°43	21°50	20°26	17°43	27° 1	F 30
S 31	20 36 20	8♌54'32	7♐37	18♌18	20♍57	4♎15	21♐ 7	13♐ 1	15♉24	20♉ 1	7♍45	21♊51	20♊23	17♏50	26♐58	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22n54	9s45	3n51	20n29	2s20	17n40	1n57	5n59	1n 3	22s29	0n40	20s25	1n58	15n39	0s28	15n55	1s37	17n18	9n 5	23n 5	23n 3	13s 5	16s13	7n 3	
F 2	22 49	14 5	3 2	20 46	2 10	17 19	1 56	5 46	1 2	22 29	0 40	20 25	1 58	15 40	0 28	15 56	1 37	17 18	9 5	23 5	23 2	13 8	16 13	7 3	
S 3	22 44	17 54	2 5	21 3	1 59	16 56	1 56	5 32	1 1	22 28	0 39	20 25	1 58	15 40	0 28	15 56	1 37	17 17	9 5	23 5	23 2	13 10	16 13	7 3	
S 4	22 39	21 0	1 2	21 19	1 49	16 34	1 55	5 18	1 0	22 28	0 39	20 24	1 58	15 41	0 28	15 56	1 37	17 17	9 5	23 5	23 2	13 13	16 13	7 3	
M 5	22 33	23 13	0s 5	21 34	1 38	16 11	1 55	5 5	0 59	22 28	0 39	20 24	1 58	15 42	0 29	15 57	1 37	17 16	9 5	23 5	23 2	13 16	16 13	7 3	
T 6	22 27	24 21	1 12	21 49	1 26	15 48	1 54	4 51	0 58	22 28	0 39	20 24	1 58	15 42	0 29	15 57	1 37	17 15	9 5	23 5	23 2	13 18	16 13	7 3	
W 7	22 20	24 17	2 17	22 2	1 15	15 24	1 53	4 37	0 57	22 28	0 39	20 24	1 57	15 43	0 29	15 57	1 37	17 15	9 5	23 5	23 1	13 21	16 13	7 3	
T 8	22 13	22 56	3 16	22 14	1 3	15 0	1 53	4 23	0 56	22 27	0 39	20 23	1 57	15 43	0 29	15 58	1 37	17 14	9 4	23 5	23 1	13 23	16 13	7 3	
F 9	22 6	20 21	4 6	22 25	0 51	14 36	1 52	4 9	0 55	22 27	0 38	20 23	1 57	15 44	0 29	15 58	1 37	17 14	9 4	23 5	23 1	13 26	16 13	7 3	
S 10	21 58	16 40	4 44	22 34	0 40	14 11	1 51	3 55	0 55	22 27	0 38	20 23	1 57	15 45	0 29	15 58	1 37	17 13	9 4	23 5	23 1	13 28	16 13	7 3	
S 11	21 50	12 6	5 7	22 41	0 28	13 46	1 49	3 41	0 54	22 27	0 38	20 23	1 57	15 45	0 29	15 59	1 37	17 12	9 4	23 4	23 1	13 31	16 14	7 3	
M12	21 42	6 51	5 13	22 46	0 16	13 21	1 48	3 27	0 53	22 27	0 38	20 23	1 57	15 46	0 29	15 59	1 37	17 12	9 4	23 4	23 0	13 34	16 14	7 3	
T 13	21 33	1 12	5 1	22 49	0 5	12 56	1 47	3 13	0 52	22 27	0 38	20 22	1 56	15 46	0 29	15 59	1 37	17 11	9 4	23 4	23 0	13 36	16 14	7 2	
W14	21 24	4n35	4 31	22 50	0n 6	12 30	1 45	2 59	0 51	22 27	0 38	20 22	1 56	15 47	0 29	16 0	1 37	17 11	9 4	23 4	23 0	13 39	16 14	7 2	
T 15	21 14	10 12	3 44	22 49	0 17	12 3	1 44	2 45	0 50	22 26	0 37	20 22	1 56	15 47	0 29	16 0	1 37	17 10	9 4	23 4	23 0	13 41	16 14	7 2	
F 16	21 4	15 19	2 43	22 45	0 27	11 37	1 42	2 30	0 49	22 26	0 37	20 22	1 56	15 48	0 29	16 0	1 37	17 9	9 4	23 4	23 0	13 44	16 14	7 2	
S 17	20 54	19 36	1 31	22 39	0 38	11 10	1 41	2 16	0 48	22 26	0 37	20 22	1 56	15 48	0 29	16 0	1 37	17 9	9 3	23 4	22 59	13 47	16 14	7 2	
S 18	20 43	22 41	0 14	22 30	0 47	10 43	1 39	2 2	0 48	22 26	0 37	20 22	1 55	15 48	0 29	16 1	1 37	17 8	9 3	23 4	22 59	13 49	16 14	7 1	
M19	20 32	24 17	1n 4	22 18	0 56	10 16	1 37	1 47	0 47	22 26	0 37	20 21	1 55	15 49	0 29	16 1	1 37	17 7	9 3	23 4	22 59	13 52	16 15	7 1	
T 20	20 21	24 17	2 17	22 4	1 4	9 49	1 35	1 33	0 46	22 26	0 36	20 21	1 55	15 49	0 29	16 1	1 38	17 7	9 3	23 4	22 59	13 54	16 15	7 1	
W21	20 9	22 44	3 21	21 47	1 12	9 21	1 33	1 19	0 45	22 26	0 36	20 21	1 55	15 50	0 29	16 1	1 38	17 6	9 3	23 4	22 59	13 57	16 15	7 1	
T 22	19 57	19 52	4 11	21 28	1 19	8 53	1 30	1 4	0 44	22 26	0 36	20 21	1 55	15 50	0 29	16 2	1 38	17 5	9 3	23 4	22 58	13 59	16 15	7 1	
F 23	19 45	15 59	4 47	21 6	1 26	8 25	1 28	0 50	0 43	22 25	0 36	20 21	1 54	15 51	0 29	16 2	1 38	17 5	9 3	23 3	22 58	14 2	16 15	7 0	
S 24	19 32	11 27	5 6	20 42	1 31	7 57	1 26	0 35	0 42	22 25	0 36	20 21	1 54	15 51	0 29	16 2	1 38	17 4	9 3	23 3	22 58	14 4	16 16	7 0	
S 25	19 19	6 31	5 9	20 15	1 36	7 28	1 23	0 21	0 42	22 25	0 36	20 21	1 54	15 51	0 29	16 2	1 38	17 3	9 3	23 3	22 58	14 7	16 16	7 0	
M26	19 6	1 27	4 58	19 47	1 40	7 0	1 20	0 6	0 41	22 25	0 35	20 21	1 54	15 52	0 29	16 2	1 38	17 3	9 3	23 2	22 57	14 10	16 16	6 59	
T 27	18 52	3s34	4 33	19 16	1 43	6 31	1 18	0s 8	0 40	22 25	0 35	20 21	1 54	15 52	0 29	16 3	1 38	17 2	9 3	23 2	22 57	14 12	16 16	6 59	
W28	18 38	8 23	3 57	18 44	1 45	6 2	1 15	0 23	0 39	22 25	0 35	20 21	1 53	15 52	0 29	16 3	1 38	17 1	9 3	23 2	22 57	14 15	16 17	6 59	
T 29	18 24	12 52	3 11	18 10	1 47	5 33	1 12	0 38	0 38	22 25	0 35	20 21	1 53	15 53	0 29	16 3	1 38	17 1	9 3	23 2	22 57	14 17	16 17	6 58	
F 30	18 10	16 51	2 17	17 35	1 48	5 4	1 9	0 52	0 38	22 25	0 35	20 21	1 53	15 53	0 29	16 3	1 38	17 0	9 2	23 2	22 57	14 20	16 17	6 58	
S 31	17n55	20s11	1n16	16n58	1n48	4n35	1n 6	1s 7	0n37	22s25	0n34	20s21	1n53	15n53	0s29	16n 3	1s38	16n59	9n 2	23n 2	22n56	14s22	16s17	6n58	

Julian Day Number = 2887460.5, Delta T = 01h17m51s
Ecliptic obliquity = 23°17'07, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°27'18, Lahiri = 40°34'19

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ASTRODIENST EPHEMERIS for the year 3193
geocentric

AUGUST 3193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 40 16	9♌51'48	19♐39	20♌18	22♍ 4	4♎50	21°R 4	12°R59	15♉25	20♉ 1	7♍47	21°R52	20♊20	17♏57	26°R56	S 1
M 2	20 44 13	10°49'04	1♑53	22°16	23°11	5°26	21♐ 1	12♐58	15°25	20° 2	7°48	21♊52	20°16	18° 3	26♐54	M 2
T 3	20 48 9	11°46'20	14°23	24°12	24°18	6° 1	20°58	12°57	15°26	20° 3	7°50	21°49	20°13	18°10	26°51	T 3
W 4	20 52 6	12°43'35	27°11	26° 7	25°25	6°37	20°56	12°56	15°27	20° 3	7°52	21°45	20°10	18°17	26°49	W 4
T 5	20 56 2	13°40'52	10♒19	27°59	26°31	7°13	20°53	12°54	15°28	20° 4	7°54	21°38	20° 7	18°23	26°47	T 5
F 6	20 59 59	14°38'08	23°44	29°50	27°38	7°48	20°51	12°53	15°29	20° 5	7°55	21°30	20° 4	18°30	26°45	F 6
S 7	21 3 56	15°35'25	7♓25	1♍39	28°44	8°24	20°49	12°53	15°29	20° 5	7°57	21°21	20° 1	18°37	26°43	S 7
S 8	21 7 52	16°32'42	21°20	3°26	29°50	9° 0	20°48	12°52	15°30	20° 6	7°59	21°13	19°57	18°43	26°41	S 8
M 9	21 11 49	17°30'00	5♈23	5°12	0♎56	9°36	20°46	12°51	15°30	20° 6	8° 1	21° 6	19°54	18°50	26°40	M 9
T 10	21 15 45	18°27'18	19°32	6°55	2° 2	10°12	20°45	12°50	15°31	20° 7	8° 2	21° 0	19°51	18°57	26°38	T 10
W11	21 19 42	19°24'37	3♉43	8°37	3° 8	10°48	20°43	12°50	15°31	20° 7	8° 4	20°57	19°48	19° 3	26°36	W11
T 12	21 23 38	20°21'58	17°53	10°17	4°13	11°24	20°42	12°49	15°32	20° 7	8° 6	20°D56	19°45	19°10	26°35	T 12
F 13	21 27 35	21°19'19	2♊ 1	11°55	5°19	12° 0	20°42	12°49	15°32	20° 8	8° 8	20°56	19°41	19°17	26°33	F 13
S 14	21 31 31	22°16'41	16° 6	13°31	6°24	12°37	20°41	12°49	15°33	20° 8	8°10	20°R57	19°38	19°23	26°32	S 14
S 15	21 35 28	23°14'04	0♋ 7	15° 6	7°29	13°13	20°40	12°49	15°33	20° 8	8°11	20°57	19°35	19°30	26°31	S 15
M16	21 39 25	24°11'27	14° 2	16°38	8°33	13°49	20°40	12°D49	15°33	20° 8	8°13	20°55	19°32	19°37	26°30	M16
T 17	21 43 21	25° 8'52	27°49	18° 9	9°38	14°26	20°D40	12°49	15°33	20° 9	8°15	20°50	19°29	19°43	26°28	T 17
W18	21 47 18	26° 6'17	11♌27	19°38	10°42	15° 3	20°40	12°49	15°33	20° 9	8°17	20°43	19°26	19°50	26°27	W18
T 19	21 51 14	27° 3'43	24°51	21° 6	11°46	15°39	20°40	12°49	15°33	20° 9	8°19	20°33	19°22	19°57	26°27	T 19
F 20	21 55 11	28° 1'10	8♍ 1	22°31	12°50	16°16	20°41	12°49	15°R33	20° 9	8°21	20°22	19°19	20° 3	26°26	F 20
S 21	21 59 7	28°58'38	20°55	23°54	13°54	16°53	20°41	12°50	15°33	20° 9	8°22	20°11	19°16	20°10	26°25	S 21
S 22	22 3 4	29°56'06	3♎32	25°16	14°57	17°30	20°42	12°50	15°33	20° 9	8°24	20° 0	19°13	20°17	26°24	S 22
M23	22 7 0	0♍53'35	15°53	26°35	16° 0	18° 6	20°43	12°51	15°33	20°R 9	8°26	19°51	19°10	20°23	26°24	M23
T 24	22 10 57	1°51'05	28° 1	27°53	17° 3	18°43	20°44	12°52	15°33	20° 9	8°28	19°44	19° 7	20°30	26°23	T 24
W25	22 14 53	2°48'35	9♏57	29° 9	18° 6	19°20	20°46	12°53	15°33	20° 9	8°30	19°39	19° 3	20°37	26°23	W25
T 26	22 18 50	3°46'06	21°48	0♎22	19° 8	19°58	20°47	12°54	15°33	20° 9	8°32	19°37	19° 0	20°43	26°23	T 26
F 27	22 22 47	4°43'38	3♐37	1°33	20°10	20°35	20°49	12°55	15°32	20° 9	8°34	19°D36	18°57	20°50	26°23	F 27
S 28	22 26 43	5°41'10	15°30	2°42	21°12	21°12	20°51	12°56	15°32	20° 9	8°36	19°R36	18°54	20°57	26°D23	S 28
S 29	22 30 40	6°38'44	27°32	3°49	22°14	21°49	20°53	12°57	15°32	20° 9	8°37	19°36	18°51	21° 3	26°23	S 29
M30	22 34 36	7°36'18	9♑49	4°53	23°15	22°27	20°55	12°58	15°31	20° 8	8°39	19°35	18°47	21°10	26°23	M30
T 31	22 38 33	8♍33'53	22♑25	5♎55	24♎16	23♎ 4	20♐58	13♐ 0	15♉31	20♉ 8	8♍41	19♊31	18♊44	21♏17	26♐23	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n40	22s41	0n12	16n20	1n48	4n 5	1n 3	1s22	0n36	22s25	0n34	20s21	1n52	15n53	0s29	16n 3	1s38	16n59	9n 2	23n 2	22n56	14s25	16s18	6n57
M 2	17 24	24 10	0s54	15 41	1 47	3 36	0 59	1 36	0 35	22 25	0 34	20 21	1 52	15 54	0 29	16 3	1 38	16 58	9 2	23 2	22 56	14 27	16 18	6 57
T 3	17 9	24 29	1 58	15 1	1 45	3 6	0 56	1 51	0 34	22 25	0 34	20 21	1 52	15 54	0 29	16 4	1 38	16 57	9 2	23 2	22 56	14 30	16 18	6 57
W 4	16 53	23 30	2 58	14 21	1 42	2 37	0 52	2 6	0 34	22 25	0 34	20 21	1 52	15 54	0 29	16 4	1 38	16 56	9 2	23 2	22 55	14 32	16 19	6 56
T 5	16 37	21 14	3 50	13 39	1 39	2 7	0 49	2 20	0 33	22 25	0 33	20 21	1 52	15 54	0 29	16 4	1 38	16 56	9 2	23 1	22 55	14 35	16 19	6 56
F 6	16 20	17 47	4 31	12 57	1 36	1 37	0 45	2 35	0 32	22 25	0 33	20 21	1 51	15 54	0 29	16 4	1 38	16 55	9 2	23 1	22 55	14 38	16 19	6 56
S 7	16 4	13 19	4 57	12 15	1 32	1 8	0 41	2 50	0 31	22 25	0 33	20 22	1 51	15 55	0 29	16 4	1 39	16 54	9 2	23 0	22 55	14 40	16 20	6 55
S 8	15 47	8 6	5 5	11 32	1 27	0 38	0 37	3 5	0 30	22 25	0 33	20 22	1 51	15 55	0 29	16 4	1 39	16 54	9 2	23 0	22 54	14 43	16 20	6 55
M 9	15 29	2 25	4 56	10 49	1 22	0 8	0 33	3 19	0 30	22 25	0 33	20 22	1 51	15 55	0 29	16 4	1 39	16 53	9 2	22 59	22 54	14 45	16 20	6 54
T 10	15 12	3n26	4 29	10 6	1 16	0s22	0 29	3 34	0 29	22 26	0 32	20 22	1 50	15 55	0 29	16 4	1 39	16 52	9 2	22 59	22 54	14 48	16 21	6 54
W11	14 54	9 9	3 45	9 22	1 10	0 51	0 25	3 49	0 28	22 26	0 32	20 22	1 50	15 55	0 29	16 4	1 39	16 52	9 2	22 59	22 54	14 50	16 21	6 53
T 12	14 36	14 22	2 47	8 39	1 4	1 21	0 21	4 4	0 27	22 26	0 32	20 22	1 50	15 55	0 29	16 4	1 39	16 51	9 2	22 59	22 54	14 53	16 22	6 53
F 13	14 18	18 49	1 39	7 56	0 57	1 51	0 16	4 18	0 27	22 26	0 32	20 23	1 50	15 55	0 29	16 4	1 39	16 50	9 2	22 59	22 53	14 55	16 22	6 53
S 14	14 0	22 8	0 26	7 12	0 50	2 21	0 12	4 33	0 26	22 26	0 32	20 23	1 49	15 55	0 29	16 4	1 39	16 50	9 2	22 59	22 53	14 58	16 22	6 52
S 15	13 41	24 6	0n49	6 29	0 42	2 50	0 7	4 48	0 25	22 26	0 31	20 23	1 49	15 56	0 29	16 4	1 39	16 49	9 2	22 59	22 53	15 0	16 23	6 52
M16	13 22	24 32	2 0	5 46	0 34	3 20	0 3	5 3	0 24	22 26	0 31	20 23	1 49	15 56	0 29	16 4	1 39	16 48	9 2	22 59	22 53	15 3	16 23	6 51
T 17	13 3	23 27	3 3	5 3	0 26	3 49	0s 2	5 17	0 24	22 27	0 31	20 23	1 49	15 56	0 29	16 4	1 39	16 48	9 2	22 58	22 52	15 5	16 24	6 51
W18	12 44	21 0	3 55	4 21	0 18	4 19	0 7	5 32	0 23	22 27	0 31	20 24	1 49	15 56	0 29	16 4	1 39	16 47	9 2	22 58	22 52	15 8	16 24	6 50
T 19	12 25	17 26	4 33	3 39	0 9	4 48	0 12	5 47	0 22	22 27	0 31	20 24	1 48	15 56	0 29	16 4	1 39	16 46	9 2	22 57	22 52	15 10	16 25	6 50
F 20	12 5	13 4	4 55	2 57	0s 0	5 18	0 17	6 2	0 21	22 27	0 30	20 24	1 48	15 56	0 29	16 4	1 39	16 45	9 2	22 56	22 52	15 13	16 25	6 49
S 21	11 45	8 13	5 2	2 16	0 9	5 47	0 22	6 16	0 21	22 27	0 30	20 24	1 48	15 56	0 29	16 4	1 39	16 45	9 2	22 55	22 51	15 15	16 25	6 49
S 22	11 25	3 6	4 54	1 35	0 19	6 16	0 27	6 31	0 20	22 28	0 30	20 25	1 48	15 56	0 29	16 4	1 39	16 44	9 2	22 55	22 51	15 18	16 26	6 48
M23	11 5	2s 1	4 32	0 54	0 29	6 45	0 32	6 46	0 19	22 28	0 30	20 25	1 47	15 56	0 29	16 4	1 39	16 43	9 2	22 54	22 51	15 20	16 26	6 48
T 24	10 45	6 59	3 58	0 15	0 38	7 14	0 38	7 0	0 18	22 28	0 30	20 25	1 47	15 55	0 29	16 4	1 40	16 43	9 2	22 53	22 51	15 23	16 27	6 47
W25	10 24	11 38	3 14	0s24	0 49	7 43	0 43	7 15	0 18	22 29	0 30	20 26	1 47	15 55	0 29	16 4	1 40	16 42	9 2	22 53	22 50	15 25	16 27	6 47
T 26	10 4	15 49	2 22	1 3	0 59	8 11	0 48	7 30	0 17	22 29	0 29	20 26	1 47	15 55	0 29	16 4	1 40	16 41	9 2	22 53	22 50	15 28	16 28	6 46
F 27	9 43	19 22	1 24	1 40	1 9	8 40	0 54	7 44	0 16	22 29	0 29	20 26	1 46	15 55	0 29	16 4	1 40	16 41	9 2	22 53	22 50	15 30	16 28	6 46
S 28	9 22	22 8	0 22	2 17	1 19	9 8	0 59	7 59	0 16	22 29	0 29	20 27	1 46	15 55	0 29	16 4	1 40	16 40	9 2	22 53	22 49	15 33	16 29	6 45
S 29	9 1	23 58	0s42	2 53	1 30	9 36	1 5	8 13	0 15	22 30	0 29	20 27	1 46	15 55	0 29	16 4	1 40	16 39	9 3	22 53	22 49	15 35	16 29	6 45
M30	8 40	24 40	1 45	3 28	1 40	10 4	1 11	8 28	0 14	22 30	0 29	20 28	1 46	15 55	0 29	16 4	1 40	16 39	9 3	22 53	22 49	15 38	16 30	6 44
T 31	8n18	24s 8	2s45	4s 2	1s51	10s32	1s17	8s42	0n13	22s30	0n28	20s28	1n45	15n55	0s29	16n 3	1s40	16n38	9n 3	22n52	22n49	15s40	16s30	6n44

Julian Day Number = 2887491.5, Delta T = 01h17m52s
Ecliptic obliquity = 23°17'07, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°27'23, Lahiri = 40°34'23

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ASTRODIENST EPHEMERIS for the year 3193
geocentric

SEPTEMBER 3193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 42 29	9♍31'29	5♒24	6♎54	25♎16	23♎42	21♐ 0	13♐ 1	15°R30	20°R 8	8♍43	19°R25	18♊41	21♏23	26♐23	W 1
T 2	22 46 26	10°29'05	18°46	7°50	26°17	24°19	21° 3	13° 3	15♉29	20♉ 8	8°45	19♊16	18°38	21°30	26°24	T 2
F 3	22 50 22	11°26'43	2♓31	8°43	27°17	24°57	21° 6	13° 5	15°29	20° 7	8°47	19° 6	18°35	21°37	26°24	F 3
S 4	22 54 19	12°24'22	16°36	9°33	28°16	25°35	21° 9	13° 6	15°28	20° 7	8°49	18°54	18°32	21°43	26°25	S 4
S 5	22 58 16	13°22'02	0♈57	10°20	29°15	26°12	21°13	13° 8	15°27	20° 6	8°51	18°43	18°28	21°50	26°26	S 5
M 6	23 2 12	14°19'43	15°27	11° 4	0♏14	26°50	21°16	13°10	15°27	20° 6	8°52	18°33	18°25	21°57	26°26	M 6
T 7	23 6 9	15°17'26	29°59	11°44	1°13	27°28	21°20	13°12	15°26	20° 5	8°54	18°25	18°22	22° 3	26°27	T 7
W 8	23 10 5	16°15'10	14♉27	12°20	2°11	28° 6	21°23	13°14	15°25	20° 5	8°56	18°21	18°19	22°10	26°28	W 8
T 9	23 14 2	17°12'56	28°48	12°52	3° 9	28°44	21°27	13°17	15°24	20° 4	8°58	18°18	18°16	22°17	26°29	T 9
F 10	23 17 58	18°10'43	12♊58	13°20	4° 6	29°22	21°32	13°19	15°23	20° 4	9° 0	18°18	18°13	22°23	26°30	F 10
S 11	23 21 55	19° 8'32	26°57	13°43	5° 3	0♏ 0	21°36	13°22	15°22	20° 3	9° 2	18°18	18° 9	22°30	26°32	S 11
S 12	23 25 51	20° 6'23	10♋45	14° 1	5°59	0°39	21°40	13°24	15°21	20° 3	9° 4	18°17	18° 6	22°36	26°33	S 12
M13	23 29 48	21° 4'16	24°21	14°15	6°55	1°17	21°45	13°27	15°20	20° 2	9° 6	18°14	18° 3	22°43	26°34	M13
T 14	23 33 45	22° 2'10	7♌46	14°23	7°50	1°55	21°50	13°29	15°19	20° 1	9° 7	18° 8	18° 0	22°50	26°36	T 14
W15	23 37 41	23° 0'06	21° 0	14°R25	8°45	2°34	21°55	13°32	15°18	20° 1	9° 9	18° 0	17°57	22°56	26°38	W15
T 16	23 41 38	23°58'03	4♍ 3	14°22	9°40	3°12	22° 0	13°35	15°16	20° 0	9°11	17°49	17°53	23° 3	26°39	T 16
F 17	23 45 34	24°56'02	16°53	14°13	10°34	3°51	22° 5	13°38	15°15	19°59	9°13	17°37	17°50	23°10	26°41	F 17
S 18	23 49 31	25°54'02	29°31	13°58	11°27	4°29	22°11	13°41	15°14	19°58	9°15	17°23	17°47	23°16	26°43	S 18
S 19	23 53 27	26°52'04	11♎56	13°37	12°20	5° 8	22°16	13°44	15°12	19°57	9°17	17°11	17°44	23°23	26°45	S 19
M20	23 57 24	27°50'07	24° 9	13° 9	13°12	5°47	22°22	13°48	15°11	19°57	9°18	17° 0	17°41	23°30	26°47	M20
T 21	0 1 20	28°48'12	6♏10	12°36	14° 4	6°26	22°28	13°51	15°10	19°56	9°20	16°51	17°38	23°36	26°49	T 21
W22	0 5 17	29°46'18	18° 3	11°57	14°55	7° 4	22°34	13°54	15° 8	19°55	9°22	16°45	17°34	23°43	26°51	W22
T 23	0 9 14	0♎44'26	29°51	11°12	15°45	7°43	22°40	13°58	15° 7	19°54	9°24	16°42	17°31	23°50	26°54	T 23
F 24	0 13 10	1°42'35	11♐38	10°23	16°35	8°22	22°46	14° 1	15° 5	19°53	9°26	16°D41	17°28	23°56	26°56	F 24
S 25	0 17 7	2°40'46	23°30	9°29	17°24	9° 2	22°53	14° 5	15° 3	19°52	9°27	16°41	17°25	24° 3	26°59	S 25
S 26	0 21 3	3°38'58	5♑31	8°32	18°12	9°41	23° 0	14° 9	15° 2	19°51	9°29	16°R41	17°22	24°10	27° 1	S 26
M27	0 25 0	4°37'11	17°46	7°33	19° 0	10°20	23° 6	14°13	15° 0	19°50	9°31	16°40	17°19	24°16	27° 4	M27
T 28	0 28 56	5°35'26	0♒22	6°33	19°46	10°59	23°13	14°17	14°58	19°49	9°33	16°38	17°15	24°23	27° 7	T 28
W29	0 32 53	6°33'42	13°23	5°33	20°32	11°38	23°20	14°20	14°57	19°48	9°34	16°33	17°12	24°30	27°10	W29
T 30	0 36 49	7♎32'00	26♒50	4♎35	21♏17	12♏18	23♐28	14♐25	14♉55	19♉46	9♍36	16♊25	17♊ 9	24♏36	27♐13	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n57	22s19	3s37	4s35	2s 2	11s 0	1s22	8s57	0n13	22s31	0n28	20s28	1n45	15n54	0s29	16n 3	1s40	16n37	9n 3	22n52	22n48	15s42	16s31	6n43
T 2	7 35	19 13	4 20	5 7	2 12	11 27	1 28	9 11	0 12	22 31	0 28	20 29	1 45	15 54	0 29	16 3	1 40	16 37	9 3	22 51	22 48	15 45	16 31	6 43
F 3	7 14	15 0	4 48	5 37	2 23	11 54	1 34	9 25	0 11	22 32	0 28	20 29	1 45	15 54	0 29	16 3	1 40	16 36	9 3	22 50	22 48	15 47	16 32	6 42
S 4	6 52	9 52	5 0	6 7	2 33	12 21	1 40	9 40	0 11	22 32	0 28	20 30	1 45	15 54	0 29	16 3	1 40	16 36	9 3	22 50	22 48	15 50	16 32	6 42
S 5	6 30	4 7	4 54	6 35	2 44	12 48	1 46	9 54	0 10	22 32	0 27	20 30	1 44	15 54	0 30	16 3	1 40	16 35	9 3	22 49	22 47	15 52	16 33	6 41
M 6	6 8	1n54	4 29	7 1	2 54	13 15	1 53	10 8	0 9	22 33	0 27	20 31	1 44	15 53	0 30	16 3	1 40	16 34	9 3	22 48	22 47	15 55	16 34	6 41
T 7	5 46	7 52	3 46	7 26	3 4	13 41	1 59	10 22	0 9	22 33	0 27	20 31	1 44	15 53	0 30	16 2	1 40	16 34	9 3	22 47	22 47	15 57	16 34	6 40
W 8	5 23	13 23	2 49	7 49	3 14	14 7	2 5	10 36	0 8	22 34	0 27	20 32	1 44	15 53	0 30	16 2	1 40	16 33	9 3	22 47	22 47	16 0	16 35	6 40
T 9	5 1	18 7	1 41	8 10	3 23	14 32	2 11	10 51	0 7	22 34	0 27	20 32	1 43	15 53	0 30	16 2	1 40	16 32	9 3	22 46	22 46	16 2	16 35	6 39
F 10	4 39	21 45	0 28	8 29	3 32	14 58	2 18	11 5	0 7	22 35	0 27	20 33	1 43	15 52	0 30	16 2	1 40	16 32	9 4	22 46	22 46	16 5	16 36	6 39
S 11	4 16	24 1	0n46	8 47	3 41	15 23	2 24	11 19	0 6	22 35	0 26	20 33	1 43	15 52	0 30	16 2	1 40	16 31	9 4	22 46	22 46	16 7	16 36	6 38
S 12	3 54	24 47	1 56	9 1	3 49	15 48	2 30	11 33	0 5	22 35	0 26	20 34	1 43	15 52	0 30	16 1	1 41	16 31	9 4	22 46	22 45	16 9	16 37	6 38
M13	3 31	24 2	2 58	9 14	3 57	16 12	2 37	11 46	0 5	22 36	0 26	20 34	1 43	15 51	0 30	16 1	1 41	16 30	9 4	22 46	22 45	16 12	16 37	6 37
T 14	3 8	21 55	3 50	9 23	4 4	16 37	2 43	12 0	0 4	22 36	0 26	20 35	1 42	15 51	0 30	16 1	1 41	16 29	9 4	22 46	22 45	16 14	16 38	6 37
W15	2 46	18 38	4 28	9 30	4 11	17 1	2 50	12 14	0 3	22 37	0 26	20 35	1 42	15 51	0 30	16 1	1 41	16 29	9 4	22 45	22 45	16 17	16 38	6 36
T 16	2 23	14 30	4 52	9 34	4 16	17 24	2 56	12 28	0 3	22 37	0 25	20 36	1 42	15 50	0 30	16 0	1 41	16 28	9 4	22 44	22 44	16 19	16 39	6 36
F 17	2 0	9 45	5 0	9 35	4 21	17 48	3 3	12 41	0 2	22 38	0 25	20 37	1 42	15 50	0 30	16 0	1 41	16 28	9 4	22 43	22 44	16 22	16 40	6 35
S 18	1 37	4 41	4 54	9 32	4 24	18 11	3 10	12 55	0 1	22 38	0 25	20 37	1 41	15 49	0 30	16 0	1 41	16 27	9 5	22 42	22 44	16 24	16 40	6 35
S 19	1 14	0s29	4 33	9 26	4 26	18 33	3 16	13 8	0 1	22 39	0 25	20 38	1 41	15 49	0 30	16 0	1 41	16 27	9 5	22 40	22 43	16 26	16 41	6 34
M20	0 51	5 34	4 0	9 16	4 27	18 56	3 23	13 22	0s 0	22 39	0 25	20 38	1 41	15 49	0 30	15 59	1 41	16 26	9 5	22 39	22 43	16 29	16 41	6 34
T 21	0 28	10 23	3 17	9 2	4 26	19 18	3 30	13 35	0 1	22 40	0 25	20 39	1 41	15 48	0 30	15 59	1 41	16 25	9 5	22 38	22 43	16 31	16 42	6 33
W22	0 5	14 46	2 26	8 45	4 24	19 39	3 36	13 49	0 1	22 40	0 24	20 39	1 41	15 48	0 30	15 59	1 41	16 25	9 5	22 38	22 43	16 34	16 42	6 33
T 23	0s18	18 33	1 28	8 23	4 20	20 0	3 43	14 2	0 2	22 41	0 24	20 40	1 40	15 47	0 30	15 59	1 41	16 24	9 5	22 38	22 42	16 36	16 43	6 32
F 24	0 41	21 36	0 27	7 58	4 14	20 21	3 50	14 15	0 3	22 41	0 24	20 41	1 40	15 47	0 30	15 58	1 41	16 24	9 5	22 37	22 42	16 38	16 43	6 32
S 25	1 4	23 44	0s36	7 30	4 6	20 42	3 56	14 28	0 3	22 42	0 24	20 41	1 40	15 46	0 30	15 58	1 41	16 23	9 6	22 37	22 42	16 41	16 44	6 31
S 26	1 27	24 49	1 38	6 59	3 56	21 2	4 3	14 41	0 4	22 42	0 24	20 42	1 40	15 46	0 30	15 58	1 41	16 23	9 6	22 37	22 41	16 43	16 45	6 31
M27	1 49	24 43	2 37	6 25	3 44	21 21	4 10	14 54	0 5	22 43	0 24	20 43	1 40	15 45	0 30	15 57	1 41	16 22	9 6	22 37	22 41	16 46	16 45	6 30
T 28	2 12	23 22	3 30	5 49	3 31	21 41	4 16	15 7	0 5	22 43	0 23	20 43	1 39	15 45	0 30	15 57	1 41	16 22	9 6	22 37	22 41	16 48	16 46	6 30
W29	2 35	20 46	4 14	5 12	3 16	21 59	4 23	15 19	0 6	22 44	0 23	20 44	1 39	15 44	0 30	15 57	1 41	16 21	9 6	22 37	22 40	16 50	16 46	6 29
T 30	2s58	16s58	4s46	4s34	2s59	22s18	4s29	15s32	0s 7	22s44	0n23	20s45	1n39	15n44	0s30	15n56	1s41	16n21	9n 7	22n36	22n40	16s53	16s47	6n29

Julian Day Number = 2887522.5, Delta T = 01h17m53s
Ecliptic obliquity = 23°17'08, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°27'27, Lahiri = 40°34'27

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ASTRODIENST EPHEMERIS for the year 3193
geocentric

OCTOBER 3193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 40 46	8♎30'19	10♓45	3°R41	22♏ 1	12♏57	23♐35	14♐29	14°R53	19°R45	9♍38	16°R16	17♊ 6	24♏43	27♐16	F 1
S 2	0 44 43	9°28'39	25° 5	2♎50	22°44	13°37	23°42	14°33	14♉51	19♉44	9°39	16♊ 6	17° 3	24°50	27°19	S 2
S 3	0 48 39	10°27'02	9♈45	2° 5	23°26	14°16	23°50	14°37	14°49	19°43	9°41	15°56	16°59	24°56	27°22	S 3
M 4	0 52 36	11°25'26	24°38	1°28	24° 7	14°56	23°58	14°42	14°48	19°42	9°43	15°47	16°56	25° 3	27°25	M 4
T 5	0 56 32	12°23'52	9♉34	0°58	24°47	15°36	24° 6	14°46	14°46	19°40	9°44	15°41	16°53	25°10	27°29	T 5
W 6	1 0 29	13°22'20	24°25	0°36	25°26	16°15	24°14	14°50	14°44	19°39	9°46	15°37	16°50	25°16	27°32	W 6
T 7	1 4 25	14°20'50	9♊ 4	0°24	26° 4	16°55	24°22	14°55	14°42	19°38	9°48	15°D35	16°47	25°23	27°35	T 7
F 8	1 8 22	15°19'23	23°27	0°D21	26°40	17°35	24°30	15° 0	14°40	19°37	9°49	15°35	16°44	25°30	27°39	F 8
S 9	1 12 18	16°17'57	7♋32	0°28	27°15	18°15	24°38	15° 4	14°38	19°35	9°51	15°36	16°40	25°36	27°43	S 9
S 10	1 16 15	17°16'34	21°18	0°45	27°49	18°55	24°47	15° 9	14°36	19°34	9°52	15°R36	16°37	25°43	27°46	S 10
M11	1 20 11	18°15'13	4♌46	1°11	28°22	19°35	24°55	15°14	14°33	19°33	9°54	15°34	16°34	25°50	27°50	M11
T 12	1 24 8	19°13'53	17°57	1°46	28°54	20°15	25° 4	15°19	14°31	19°31	9°55	15°31	16°31	25°56	27°54	T 12
W13	1 28 5	20°12'36	0♍54	2°31	29°23	20°56	25°13	15°24	14°29	19°30	9°57	15°25	16°28	26° 3	27°58	W13
T 14	1 32 1	21°11'22	13°38	3°23	29°52	21°36	25°22	15°29	14°27	19°28	9°58	15°17	16°24	26° 9	28° 2	T 14
F 15	1 35 58	22°10'09	26°10	4°23	0♐19	22°16	25°31	15°34	14°25	19°27	10° 0	15° 8	16°21	26°16	28° 6	F 15
S 16	1 39 54	23° 8'58	8♎31	5°30	0°44	22°57	25°40	15°39	14°23	19°25	10° 1	14°58	16°18	26°23	28°11	S 16
S 17	1 43 51	24° 7'49	20°43	6°44	1° 8	23°37	25°50	15°45	14°20	19°24	10° 3	14°48	16°15	26°29	28°15	S 17
M18	1 47 47	25° 6'42	2♏45	8° 3	1°30	24°18	25°59	15°50	14°18	19°22	10° 4	14°40	16°12	26°36	28°19	M18
T 19	1 51 44	26° 5'37	14°40	9°27	1°50	24°58	26° 9	15°55	14°16	19°21	10° 6	14°34	16° 9	26°43	28°24	T 19
W20	1 55 40	27° 4'34	26°29	10°55	2° 8	25°39	26°18	16° 1	14°14	19°19	10° 7	14°30	16° 5	26°49	28°28	W20
T 21	1 59 37	28° 3'33	8♐15	12°27	2°24	26°20	26°28	16° 6	14°11	19°18	10° 8	14°28	16° 2	26°56	28°33	T 21
F 22	2 3 34	29° 2'34	20° 2	14° 3	2°39	27° 0	26°38	16°12	14° 9	19°16	10°10	14°D28	15°59	27° 3	28°37	F 22
S 23	2 7 30	0♏ 1'36	1♑53	15°40	2°51	27°41	26°48	16°17	14° 7	19°15	10°11	14°29	15°56	27° 9	28°42	S 23
S 24	2 11 27	1° 0'41	13°53	17°20	3° 1	28°22	26°58	16°23	14° 4	19°13	10°13	14°30	15°53	27°16	28°47	S 24
M25	2 15 23	1°59'46	26° 6	19° 2	3° 9	29° 3	27° 8	16°29	14° 2	19°12	10°14	14°R31	15°50	27°23	28°51	M25
T 26	2 19 20	2°58'54	8♒39	20°44	3°15	29°44	27°18	16°35	13°59	19°10	10°15	14°31	15°46	27°29	28°56	T 26
W27	2 23 16	3°58'03	21°35	22°28	3°19	0♐25	27°29	16°41	13°57	19° 8	10°16	14°30	15°43	27°36	29° 1	W27
T 28	2 27 13	4°57'14	4♓58	24°12	3°R20	1° 6	27°39	16°46	13°55	19° 7	10°18	14°26	15°40	27°43	29° 6	T 28
F 29	2 31 9	5°56'27	18°50	25°57	3°19	1°48	27°50	16°52	13°52	19° 5	10°19	14°22	15°37	27°49	29°11	F 29
S 30	2 35 6	6°55'41	3♈10	27°42	3°15	2°29	28° 0	16°58	13°50	19° 4	10°20	14°16	15°34	27°56	29°17	S 30
S 31	2 39 3	7♏54'57	17♈55	29♎27	3♐ 9	3♐10	28♐11	17♐ 4	13♉47	19♉ 2	10♍21	14♊11	15♊30	28♏ 3	29♐22	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s21	12s 9	5s 2	3s56	2s42	22s36	4s36	15s44	0s 7	22s45	0n23	20s45	1n39	15n43	0s30	15n56	1s41	16n20	9n 7	22n35	22n40	16s55	16s47	6n28
S 2	3 44	6 31	4 59	3 18	2 23	22 53	4 42	15 57	0 8	22 45	0 23	20 46	1 39	15 43	0 30	15 56	1 41	16 20	9 7	22 34	22 40	16 58	16 48	6 28
S 3	4 7	0 25	4 38	2 43	2 3	23 10	4 49	16 9	0 8	22 46	0 23	20 47	1 38	15 42	0 30	15 55	1 41	16 20	9 7	22 33	22 39	17 0	16 48	6 27
M 4	4 29	5n48	3 57	2 9	1 43	23 27	4 55	16 21	0 9	22 46	0 23	20 47	1 38	15 42	0 30	15 55	1 42	16 19	9 7	22 32	22 39	17 2	16 49	6 27
T 5	4 52	11 44	3 0	1 39	1 23	23 43	5 2	16 34	0 10	22 47	0 22	20 48	1 38	15 41	0 30	15 55	1 42	16 19	9 8	22 31	22 39	17 5	16 49	6 26
W 6	5 15	16 58	1 51	1 12	1 3	23 59	5 8	16 46	0 10	22 47	0 22	20 49	1 38	15 41	0 30	15 54	1 42	16 18	9 8	22 31	22 38	17 7	16 50	6 26
T 7	5 37	21 6	0 35	0 50	0 44	24 14	5 14	16 57	0 11	22 48	0 22	20 49	1 38	15 40	0 30	15 54	1 42	16 18	9 8	22 31	22 38	17 9	16 50	6 25
F 8	6 0	23 49	0n42	0 31	0 25	24 28	5 20	17 9	0 12	22 48	0 22	20 50	1 37	15 39	0 30	15 53	1 42	16 17	9 8	22 31	22 38	17 12	16 51	6 25
S 9	6 22	24 59	1 55	0 18	0 7	24 43	5 26	17 21	0 12	22 49	0 22	20 51	1 37	15 39	0 30	15 53	1 42	16 17	9 8	22 31	22 37	17 14	16 51	6 25
S 10	6 45	24 34	2 59	0 9	0n10	24 56	5 32	17 32	0 13	22 49	0 22	20 51	1 37	15 38	0 30	15 53	1 42	16 17	9 9	22 31	22 37	17 16	16 52	6 24
M11	7 7	22 42	3 52	0 5	0 26	25 9	5 38	17 44	0 13	22 50	0 21	20 52	1 37	15 38	0 30	15 52	1 42	16 16	9 9	22 31	22 37	17 19	16 52	6 24
T 12	7 29	19 39	4 31	0 5	0 40	25 22	5 43	17 55	0 14	22 50	0 21	20 53	1 37	15 37	0 30	15 52	1 42	16 16	9 9	22 30	22 36	17 21	16 53	6 23
W13	7 51	15 42	4 56	0 10	0 54	25 34	5 49	18 6	0 15	22 51	0 21	20 54	1 36	15 36	0 30	15 51	1 42	16 15	9 9	22 30	22 36	17 24	16 53	6 23
T 14	8 13	11 6	5 6	0 20	1 5	25 45	5 54	18 17	0 15	22 51	0 21	20 54	1 36	15 36	0 30	15 51	1 42	16 15	9 10	22 29	22 36	17 26	16 54	6 22
F 15	8 35	6 7	5 0	0 34	1 16	25 56	5 59	18 28	0 16	22 52	0 21	20 55	1 36	15 35	0 30	15 51	1 42	16 15	9 10	22 28	22 35	17 28	16 54	6 22
S 16	8 56	0 57	4 41	0 52	1 25	26 7	6 4	18 39	0 16	22 52	0 21	20 56	1 36	15 34	0 30	15 50	1 42	16 14	9 10	22 27	22 35	17 31	16 55	6 22
S 17	9 18	4s12	4 9	1 14	1 33	26 16	6 9	18 50	0 17	22 53	0 21	20 56	1 36	15 34	0 30	15 50	1 42	16 14	9 10	22 26	22 35	17 33	16 55	6 21
M18	9 39	9 8	3 26	1 38	1 40	26 26	6 14	19 0	0 18	22 53	0 20	20 57	1 36	15 33	0 30	15 49	1 42	16 14	9 11	22 25	22 35	17 35	16 56	6 21
T 19	10 1	13 41	2 34	2 6	1 45	26 34	6 18	19 11	0 18	22 53	0 20	20 58	1 35	15 32	0 30	15 49	1 42	16 13	9 11	22 24	22 34	17 38	16 56	6 20
W20	10 22	17 42	1 36	2 37	1 50	26 42	6 22	19 21	0 19	22 54	0 20	20 59	1 35	15 32	0 30	15 49	1 42	16 13	9 11	22 23	22 34	17 40	16 57	6 20
T 21	10 43	20 59	0 34	3 10	1 53	26 49	6 26	19 31	0 19	22 54	0 20	20 59	1 35	15 31	0 30	15 48	1 42	16 13	9 11	22 23	22 34	17 42	16 57	6 20
F 22	11 4	23 25	0s30	3 44	1 55	26 55	6 30	19 41	0 20	22 55	0 20	21 0	1 35	15 30	0 30	15 48	1 42	16 13	9 12	22 23	22 33	17 45	16 58	6 19
S 23	11 25	24 50	1 33	4 21	1 56	27 1	6 33	19 51	0 21	22 55	0 20	21 1	1 35	15 30	0 30	15 47	1 42	16 12	9 12	22 23	22 33	17 47	16 58	6 19
S 24	11 45	25 6	2 33	4 58	1 56	27 6	6 36	20 1	0 21	22 55	0 20	21 2	1 35	15 29	0 30	15 47	1 42	16 12	9 12	22 24	22 33	17 49	16 58	6 18
M25	12 5	24 11	3 27	5 37	1 55	27 10	6 39	20 10	0 22	22 56	0 19	21 2	1 34	15 28	0 30	15 46	1 42	16 12	9 12	22 24	22 32	17 51	16 59	6 18
T 26	12 26	22 3	4 12	6 17	1 54	27 13	6 41	20 20	0 22	22 56	0 19	21 3	1 34	15 28	0 30	15 46	1 42	16 12	9 13	22 24	22 32	17 54	16 59	6 18
W27	12 46	18 45	4 47	6 57	1 52	27 16	6 43	20 29	0 23	22 56	0 19	21 4	1 34	15 27	0 30	15 45	1 42	16 11	9 13	22 23	22 32	17 56	17 0	6 17
T 28	13 5	14 23	5 7	7 38	1 49	27 17	6 44	20 38	0 23	22 57	0 19	21 4	1 34	15 26	0 30	15 45	1 42	16 11	9 13	22 23	22 31	17 58	17 0	6 17
F 29	13 25	9 9	5 10	8 19	1 46	27 18	6 45	20 47	0 24	22 57	0 19	21 5	1 34	15 25	0 30	15 45	1 42	16 11	9 14	22 23	22 31	18 1	17 0	6 17
S 30	13 44	3 15	4 54	9 0	1 42	27 18	6 45	20 55	0 25	22 57	0 19	21 6	1 34	15 25	0 30	15 44	1 42	16 11	9 14	22 22	22 31	18 3	17 1	6 16
S 31	14s 4	2n59	4s19	9s41	1n38	27s16	6s45	21s 4	0s25	22s58	0n19	21s 7	1n34	15n24	0s30	15n44	1s42	16n11	9n14	22n21	22n30	18s 5	17s 1	6n16

Julian Day Number = 2887552.5, Delta T = 01h17m53s
Ecliptic obliquity = 23°17'08, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°27'31, Lahiri = 40°34'32

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ASTRODIENST EPHEMERIS for the year 3193
geocentric

NOVEMBER 3193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 42 59	8♏54'15	2♉58	1♏12	3°R 1	3♐52	28♐22	17♐10	13°R45	19°R 0	10♍22	14°R 6	15♊27	28♏ 9	29♐27	M 1
T 2	2 46 56	9°53'35	18° 9	2°57	2♐50	4°33	28°33	17°17	13♉43	18♉59	10°23	14♊ 2	15°24	28°16	29°32	T 2
W 3	2 50 52	10°52'57	3♊19	4°41	2°37	5°15	28°44	17°23	13°40	18°57	10°24	14° 0	15°21	28°23	29°38	W 3
T 4	2 54 49	11°52'22	18°18	6°25	2°21	5°56	28°55	17°29	13°38	18°55	10°26	14°D 0	15°18	28°29	29°43	T 4
F 5	2 58 45	12°51'48	3♋ 0	8° 9	2° 3	6°38	29° 6	17°35	13°35	18°54	10°27	14° 1	15°15	28°36	29°48	F 5
S 6	3 2 42	13°51'17	17°19	9°52	1°43	7°20	29°17	17°42	13°33	18°52	10°28	14° 2	15°11	28°42	29°54	S 6
S 7	3 6 38	14°50'48	1♌13	11°35	1°21	8° 1	29°29	17°48	13°30	18°50	10°29	14° 4	15° 8	28°49	29°59	S 7
M 8	3 10 35	15°50'21	14°44	13°17	0°56	8°43	29°40	17°54	13°28	18°49	10°30	14°R 4	15° 5	28°56	0♑ 5	M 8
T 9	3 14 32	16°49'56	27°53	14°58	0°30	9°25	29°52	18° 1	13°26	18°47	10°31	14° 4	15° 2	29° 2	0°11	T 9
W10	3 18 28	17°49'34	10♍42	16°39	0° 1	10° 7	0♑ 3	18° 7	13°23	18°45	10°31	14° 2	14°59	29° 9	0°17	W10
T 11	3 22 25	18°49'13	23°15	18°19	29♏31	10°49	0°15	18°14	13°21	18°44	10°32	13°59	14°56	29°16	0°22	T 11
F 12	3 26 21	19°48'55	5♎34	19°59	29° 0	11°31	0°27	18°20	13°18	18°42	10°33	13°55	14°52	29°22	0°28	F 12
S 13	3 30 18	20°48'39	17°42	21°39	28°27	12°13	0°38	18°27	13°16	18°40	10°34	13°51	14°49	29°29	0°34	S 13
S 14	3 34 14	21°48'25	29°42	23°17	27°52	12°56	0°50	18°34	13°13	18°39	10°35	13°47	14°46	29°36	0°40	S 14
M15	3 38 11	22°48'13	11♏36	24°55	27°17	13°38	1° 2	18°40	13°11	18°37	10°36	13°44	14°43	29°42	0°46	M15
T 16	3 42 7	23°48'03	23°25	26°33	26°42	14°20	1°14	18°47	13° 9	18°35	10°36	13°42	14°40	29°49	0°52	T 16
W17	3 46 4	24°47'55	5♐12	28°10	26° 5	15° 3	1°26	18°54	13° 6	18°33	10°37	13°41	14°36	29°56	0°58	W17
T 18	3 50 1	25°47'49	17° 0	29°47	25°29	15°45	1°38	19° 0	13° 4	18°32	10°38	13°D40	14°33	0♐ 2	1° 4	T 18
F 19	3 53 57	26°47'45	28°49	1♐23	24°52	16°28	1°51	19° 7	13° 1	18°30	10°39	13°41	14°30	0° 9	1°10	F 19
S 20	3 57 54	27°47'42	10♑44	2°59	24°16	17°10	2° 3	19°14	12°59	18°28	10°39	13°42	14°27	0°16	1°16	S 20
S 21	4 1 50	28°47'41	22°48	4°34	23°40	17°53	2°15	19°21	12°57	18°27	10°40	13°44	14°24	0°22	1°23	S 21
M22	4 5 47	29°47'41	5♒ 3	6° 9	23° 5	18°36	2°27	19°28	12°54	18°25	10°40	13°45	14°21	0°29	1°29	M22
T 23	4 9 43	0♐47'44	17°35	7°43	22°31	19°18	2°40	19°35	12°52	18°24	10°41	13°46	14°17	0°36	1°35	T 23
W24	4 13 40	1°47'47	0♓27	9°17	21°58	20° 1	2°52	19°41	12°50	18°22	10°42	13°R46	14°14	0°42	1°42	W24
T 25	4 17 36	2°47'52	13°42	10°50	21°26	20°44	3° 5	19°48	12°48	18°20	10°42	13°46	14°11	0°49	1°48	T 25
F 26	4 21 33	3°47'59	27°23	12°24	20°56	21°27	3°18	19°55	12°45	18°19	10°42	13°45	14° 8	0°55	1°54	F 26
S 27	4 25 30	4°48'07	11♈31	13°56	20°28	22°10	3°30	20° 2	12°43	18°17	10°43	13°44	14° 5	1° 2	2° 1	S 27
S 28	4 29 26	5°48'16	26° 5	15°29	20° 2	22°53	3°43	20° 9	12°41	18°15	10°43	13°43	14° 2	1° 9	2° 7	S 28
M29	4 33 23	6°48'27	11♉ 0	17° 1	19°37	23°36	3°56	20°16	12°39	18°14	10°44	13°43	13°58	1°15	2°14	M29
T 30	4 37 19	7♐48'40	26♉ 9	18♐33	19♏15	24♐19	4♑ 8	20♐23	12♉37	18♉12	10♍44	13♊42	13♊55	1♐22	2♑20	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	14s23	9n12	3s25	10s21	1n34	27s14	6s44	21s12	0s26	22s58	0n19	21s 7	1n33	15n23	0s30	15n43	1s42	16n10	9n14	22n21	22n30	18s 8	17s 1	6n16	M 1
T 2	14 41	14 56	2 17	11 2	1 29	27 10	6 43	21 21	0 26	22 58	0 18	21 8	1 33	15 23	0 30	15 43	1 42	16 10	9 15	22 20	22 30	18 10	17 2	6 15	T 2
W 3	15 0	19 44	0 58	11 41	1 23	27 6	6 41	21 29	0 27	22 58	0 18	21 9	1 33	15 22	0 30	15 42	1 42	16 10	9 15	22 20	22 29	18 12	17 2	6 15	W 3
T 4	15 18	23 10	0n24	12 21	1 18	27 0	6 38	21 36	0 27	22 59	0 18	21 9	1 33	15 21	0 30	15 42	1 42	16 10	9 15	22 20	22 29	18 14	17 2	6 15	T 4
F 5	15 36	24 57	1 42	13 0	1 12	26 53	6 35	21 44	0 28	22 59	0 18	21 10	1 33	15 20	0 30	15 41	1 42	16 10	9 16	22 20	22 28	18 17	17 3	6 14	F 5
S 6	15 54	25 2	2 53	13 38	1 6	26 45	6 31	21 52	0 28	22 59	0 18	21 11	1 33	15 20	0 30	15 41	1 42	16 10	9 16	22 20	22 28	18 19	17 3	6 14	S 6
S 7	16 11	23 30	3 51	14 16	1 0	26 36	6 26	21 59	0 29	22 59	0 18	21 12	1 33	15 19	0 30	15 40	1 42	16 10	9 16	22 20	22 28	18 21	17 3	6 14	S 7
M 8	16 28	20 41	4 34	14 52	0 53	26 25	6 21	22 6	0 29	22 59	0 18	21 12	1 32	15 18	0 30	15 40	1 42	16 10	9 17	22 21	22 27	18 23	17 4	6 14	M 8
T 9	16 45	16 51	5 2	15 28	0 47	26 13	6 14	22 13	0 30	23 0	0 18	21 13	1 32	15 18	0 30	15 40	1 42	16 10	9 17	22 20	22 27	18 26	17 4	6 13	T 9
W10	17 2	12 21	5 14	16 4	0 40	26 0	6 8	22 20	0 31	23 0	0 17	21 14	1 32	15 17	0 30	15 39	1 42	16 9	9 17	22 20	22 27	18 28	17 4	6 13	W10
T 11	17 19	7 25	5 10	16 38	0 34	25 46	6 0	22 26	0 31	23 0	0 17	21 14	1 32	15 16	0 30	15 39	1 42	16 9	9 17	22 20	22 26	18 30	17 4	6 13	T 11
F 12	17 35	2 17	4 52	17 11	0 27	25 31	5 51	22 32	0 32	23 0	0 17	21 15	1 32	15 15	0 30	15 38	1 42	16 9	9 18	22 19	22 26	18 32	17 5	6 13	F 12
S 13	17 51	2s52	4 21	17 44	0 20	25 15	5 42	22 39	0 32	23 0	0 17	21 16	1 32	15 15	0 30	15 38	1 42	16 9	9 18	22 19	22 26	18 35	17 5	6 12	S 13
S 14	18 6	7 52	3 39	18 16	0 13	24 57	5 32	22 45	0 33	23 0	0 17	21 16	1 32	15 14	0 30	15 37	1 42	16 9	9 18	22 19	22 25	18 37	17 5	6 12	S 14
M15	18 21	12 33	2 48	18 46	0 6	24 39	5 22	22 50	0 33	23 0	0 17	21 17	1 32	15 13	0 30	15 37	1 42	16 9	9 19	22 18	22 25	18 39	17 5	6 12	M15
T 16	18 36	16 44	1 50	19 16	0s 0	24 19	5 10	22 56	0 34	23 0	0 17	21 18	1 32	15 13	0 30	15 36	1 42	16 9	9 19	22 18	22 25	18 41	17 5	6 12	T 16
W17	18 51	20 16	0 47	19 45	0 7	23 59	4 58	23 1	0 34	23 0	0 17	21 18	1 31	15 12	0 30	15 36	1 42	16 9	9 19	22 18	22 24	18 44	17 6	6 11	W17
T 18	19 5	22 58	0s18	20 12	0 14	23 38	4 46	23 6	0 35	23 0	0 17	21 19	1 31	15 11	0 30	15 35	1 42	16 9	9 20	22 18	22 24	18 46	17 6	6 11	T 18
F 19	19 19	24 40	1 23	20 39	0 21	23 16	4 33	23 11	0 35	23 0	0 16	21 20	1 31	15 11	0 30	15 35	1 42	16 9	9 20	22 18	22 24	18 48	17 6	6 11	F 19
S 20	19 33	25 15	2 24	21 4	0 27	22 54	4 19	23 16	0 36	23 0	0 16	21 20	1 31	15 10	0 30	15 35	1 42	16 10	9 20	22 18	22 23	18 50	17 6	6 11	S 20
S 21	19 46	24 40	3 20	21 28	0 34	22 31	4 5	23 20	0 36	23 0	0 16	21 21	1 31	15 9	0 30	15 34	1 42	16 10	9 21	22 18	22 23	18 52	17 6	6 11	S 21
M22	19 59	22 53	4 8	21 52	0 41	22 8	3 50	23 25	0 37	23 0	0 16	21 22	1 31	15 9	0 30	15 34	1 42	16 10	9 21	22 18	22 22	18 55	17 6	6 10	M22
T 23	20 11	19 59	4 45	22 14	0 47	21 45	3 36	23 29	0 37	23 0	0 16	21 22	1 31	15 8	0 30	15 33	1 42	16 10	9 21	22 18	22 22	18 57	17 6	6 10	T 23
W24	20 23	16 4	5 9	22 35	0 54	21 22	3 21	23 32	0 38	22 59	0 16	21 23	1 31	15 7	0 30	15 33	1 42	16 10	9 22	22 18	22 22	18 59	17 6	6 10	W24
T 25	20 35	11 15	5 17	22 55	1 0	20 59	3 6	23 36	0 38	22 59	0 16	21 23	1 31	15 7	0 30	15 32	1 42	16 10	9 22	22 18	22 21	19 1	17 7	6 10	T 25
F 26	20 47	5 45	5 9	23 14	1 6	20 37	2 50	23 39	0 39	22 59	0 16	21 24	1 31	15 6	0 30	15 32	1 42	16 10	9 22	22 18	22 21	19 3	17 7	6 10	F 26
S 27	20 58	0n13	4 41	23 31	1 12	20 14	2 35	23 42	0 39	22 59	0 16	21 25	1 30	15 5	0 30	15 32	1 42	16 10	9 23	22 18	22 21	19 6	17 7	6 10	S 27
S 28	21 8	6 21	3 55	23 48	1 18	19 52	2 19	23 45	0 40	22 59	0 15	21 25	1 30	15 5	0 30	15 31	1 42	16 10	9 23	22 18	22 20	19 8	17 7	6 10	S 28
M29	21 18	12 18	2 52	24 3	1 24	19 31	2 4	23 48	0 40	22 58	0 15	21 26	1 30	15 4	0 30	15 31	1 42	16 11	9 23	22 18	22 20	19 10	17 7	6 9	M29
T 30	21s28	17n37	1s36	24s17	1s29	19s10	1s49	23s50	0s41	22s58	0n15	21s26	1n30	15n 3	0s30	15n30	1s42	16n11	9n24	22n18	22n19	19s12	17s 7	6n 9	T 30

Julian Day Number = 2887583.5, Delta T = 01h17m54s
Ecliptic obliquity = 23°17'08, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°27'35, Lahiri = 40°34'36

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3193
geocentric

DECEMBER 3193 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 41 16	8♐48'54	11♊23	20♐ 4	18°R55	25♐ 3	4♑21	20♐30	12°R35	18°R11	10♍44	13°D42	13♊52	1♐29	2♑27	W 1
T 2	4 45 12	9°49'10	26°33	21°35	18♏38	25°46	4°34	20°37	12♉32	18♉ 9	10°45	13♊42	13°49	1°35	2°33	T 2
F 3	4 49 9	10°49'28	11♋28	23° 6	18°22	26°29	4°47	20°45	12°30	18° 8	10°45	13°42	13°46	1°42	2°40	F 3
S 4	4 53 5	11°49'48	26° 2	24°37	18°10	27°13	5° 0	20°52	12°28	18° 6	10°45	13°42	13°42	1°49	2°46	S 4
S 5	4 57 2	12°50'09	10♌11	26° 7	18° 0	27°56	5°13	20°59	12°26	18° 5	10°46	13°43	13°39	1°55	2°53	S 5
M 6	5 0 59	13°50'32	23°53	27°37	17°52	28°40	5°26	21° 6	12°24	18° 3	10°46	13°R43	13°36	2° 2	3° 0	M 6
T 7	5 4 55	14°50'57	7♍ 7	29° 6	17°47	29°23	5°39	21°13	12°22	18° 2	10°46	13°43	13°33	2° 9	3° 6	T 7
W 8	5 8 52	15°51'24	19°58	0♑36	17°44	0♑ 7	5°52	21°20	12°20	18° 0	10°46	13°D43	13°30	2°15	3°13	W 8
T 9	5 12 48	16°51'52	2♎28	2° 4	17°D44	0°51	6° 6	21°27	12°19	17°59	10°46	13°43	13°27	2°22	3°20	T 9
F 10	5 16 45	17°52'23	14°41	3°33	17°46	1°35	6°19	21°34	12°17	17°57	10°46	13°43	13°23	2°29	3°27	F 10
S 11	5 20 41	18°52'55	26°43	5° 1	17°51	2°18	6°32	21°41	12°15	17°56	10°46	13°43	13°20	2°35	3°33	S 11
S 12	5 24 38	19°53'28	8♏35	6°28	17°58	3° 2	6°45	21°49	12°13	17°55	10°R46	13°44	13°17	2°42	3°40	S 12
M13	5 28 35	20°54'04	20°24	7°55	18° 7	3°46	6°59	21°56	12°11	17°53	10°46	13°45	13°14	2°48	3°47	M13
T 14	5 32 31	21°54'40	2♐11	9°21	18°18	4°30	7°12	22° 3	12°10	17°52	10°46	13°45	13°11	2°55	3°54	T 14
W15	5 36 28	22°55'19	13°59	10°46	18°32	5°14	7°25	22°10	12° 8	17°51	10°46	13°R46	13° 8	3° 2	4° 1	W15
T 16	5 40 24	23°55'58	25°51	12°11	18°48	5°59	7°39	22°17	12° 6	17°49	10°46	13°45	13° 4	3° 8	4° 7	T 16
F 17	5 44 21	24°56'40	7♑48	13°35	19° 5	6°43	7°52	22°24	12° 5	17°48	10°46	13°44	13° 1	3°15	4°14	F 17
S 18	5 48 17	25°57'22	19°53	14°58	19°25	7°27	8° 5	22°32	12° 3	17°47	10°46	13°43	12°58	3°22	4°21	S 18
S 19	5 52 14	26°58'05	2♒ 7	16°19	19°47	8°11	8°19	22°39	12° 2	17°46	10°46	13°41	12°55	3°28	4°28	S 19
M20	5 56 10	27°58'50	14°33	17°39	20°10	8°56	8°32	22°46	12° 0	17°44	10°45	13°39	12°52	3°35	4°35	M20
T 21	6 0 7	28°59'35	27°12	18°57	20°36	9°40	8°46	22°53	11°59	17°43	10°45	13°37	12°48	3°42	4°42	T 21
W22	6 4 4	0♑ 0'21	10♓ 7	20°14	21° 3	10°24	8°59	23° 0	11°57	17°42	10°45	13°35	12°45	3°48	4°49	W22
T 23	6 8 0	1° 1'09	23°19	21°28	21°31	11° 9	9°13	23° 7	11°56	17°41	10°45	13°34	12°42	3°55	4°56	T 23
F 24	6 11 57	2° 1'57	6♈52	22°40	22° 2	11°54	9°27	23°14	11°55	17°40	10°44	13°D34	12°39	4° 2	5° 2	F 24
S 25	6 15 53	3° 2'45	20°46	23°49	22°33	12°38	9°40	23°21	11°53	17°39	10°44	13°35	12°36	4° 8	5° 9	S 25
S 26	6 19 50	4° 3'35	5♉ 0	24°55	23° 7	13°23	9°54	23°28	11°52	17°38	10°43	13°36	12°33	4°15	5°16	S 26
M27	6 23 46	5° 4'25	19°35	25°57	23°42	14° 8	10° 7	23°36	11°51	17°37	10°43	13°38	12°29	4°22	5°23	M27
T 28	6 27 43	6° 5'16	4♊25	26°54	24°18	14°52	10°21	23°43	11°50	17°36	10°43	13°39	12°26	4°28	5°30	T 28
W29	6 31 39	7° 6'08	19°25	27°47	24°55	15°37	10°34	23°50	11°49	17°35	10°42	13°R39	12°23	4°35	5°37	W29
T 30	6 35 36	8° 7'01	4♋26	28°34	25°34	16°22	10°48	23°57	11°48	17°34	10°42	13°38	12°20	4°41	5°44	T 30
F 31	6 39 33	9♑ 7'54	19♋20	29♑14	26♏14	17♑ 7	11♑ 2	24♐ 4	11♉46	17♉33	10♍41	13♊35	12♊17	4♐48	5♑51	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	21 s38	21n47	0 s13	24 s29	1 s35	18 s50	1 s34	23 s53	0 s41	22 s58	0n15	21 s27	1n30	15n 3	0 s29	15n30	1 s42	16n11	9n24	22n18	22n19	19 s14	17 s 7	6n 9
T 2	21 47	24 25	1n11	24 41	1 40	18 31	1 19	23 55	0 42	22 57	0 15	21 28	1 30	15 2	0 29	15 29	1 42	16 11	9 24	22 18	22 19	19 17	17 7	6 9
F 3	21 55	25 16	2 28	24 51	1 45	18 13	1 4	23 56	0 42	22 57	0 15	21 28	1 30	15 1	0 29	15 29	1 42	16 11	9 25	22 18	22 18	19 19	17 7	6 9
S 4	22 4	24 19	3 35	25 0	1 50	17 56	0 50	23 58	0 42	22 57	0 15	21 29	1 30	15 1	0 29	15 29	1 42	16 12	9 25	22 18	22 18	19 21	17 7	6 9
S 5	22 11	21 50	4 25	25 8	1 54	17 39	0 36	23 59	0 43	22 56	0 15	21 29	1 30	15 0	0 29	15 28	1 42	16 12	9 25	22 18	22 18	19 23	17 7	6 9
M 6	22 19	18 11	4 59	25 15	1 59	17 24	0 22	24 0	0 43	22 56	0 15	21 30	1 30	15 0	0 29	15 28	1 42	16 12	9 26	22 18	22 17	19 25	17 6	6 9
T 7	22 26	13 44	5 16	25 20	2 3	17 10	0 9	24 1	0 44	22 55	0 15	21 30	1 30	14 59	0 29	15 28	1 42	16 12	9 26	22 18	22 17	19 27	17 6	6 9
W 8	22 32	8 48	5 16	25 24	2 7	16 57	0n 4	24 1	0 44	22 55	0 14	21 31	1 30	14 59	0 29	15 27	1 42	16 13	9 27	22 18	22 16	19 30	17 6	6 9
T 9	22 39	3 38	5 1	25 26	2 10	16 44	0 17	24 2	0 45	22 54	0 14	21 31	1 30	14 58	0 29	15 27	1 42	16 13	9 27	22 18	22 16	19 32	17 6	6 9
F 10	22 44	1 s33	4 33	25 28	2 13	16 33	0 29	24 2	0 45	22 54	0 14	21 32	1 29	14 57	0 29	15 26	1 42	16 13	9 27	22 18	22 16	19 34	17 6	6 8
S 11	22 49	6 36	3 53	25 28	2 16	16 23	0 41	24 2	0 46	22 53	0 14	21 32	1 29	14 57	0 29	15 26	1 42	16 13	9 28	22 18	22 15	19 36	17 6	6 8
S 12	22 54	11 23	3 3	25 26	2 19	16 14	0 52	24 1	0 46	22 53	0 14	21 33	1 29	14 56	0 29	15 26	1 42	16 14	9 28	22 18	22 15	19 38	17 6	6 8
M13	22 59	15 42	2 6	25 24	2 21	16 6	1 3	24 0	0 46	22 52	0 14	21 33	1 29	14 56	0 29	15 25	1 42	16 14	9 28	22 18	22 14	19 40	17 6	6 8
T 14	23 2	19 25	1 4	25 20	2 23	15 59	1 14	23 59	0 47	22 52	0 14	21 34	1 29	14 55	0 29	15 25	1 42	16 14	9 29	22 18	22 14	19 42	17 5	6 8
W15	23 6	22 21	0 s 1	25 15	2 24	15 53	1 24	23 58	0 47	22 51	0 14	21 34	1 29	14 55	0 29	15 25	1 42	16 15	9 29	22 18	22 14	19 44	17 5	6 8
T 16	23 9	24 20	1 7	25 8	2 25	15 48	1 34	23 57	0 48	22 50	0 14	21 35	1 29	14 54	0 29	15 24	1 42	16 15	9 29	22 18	22 13	19 47	17 5	6 8
F 17	23 11	25 13	2 10	25 1	2 26	15 44	1 43	23 55	0 48	22 50	0 14	21 35	1 29	14 54	0 29	15 24	1 42	16 15	9 30	22 18	22 13	19 49	17 5	6 8
S 18	23 13	24 55	3 7	24 52	2 26	15 41	1 52	23 53	0 49	22 49	0 14	21 36	1 29	14 54	0 29	15 24	1 42	16 16	9 30	22 18	22 12	19 51	17 5	6 8
S 19	23 15	23 25	3 57	24 42	2 25	15 38	2 0	23 51	0 49	22 48	0 13	21 36	1 29	14 53	0 29	15 23	1 42	16 16	9 30	22 18	22 12	19 53	17 4	6 8
M20	23 16	20 46	4 37	24 30	2 24	15 36	2 8	23 49	0 49	22 47	0 13	21 36	1 29	14 53	0 29	15 23	1 42	16 17	9 31	22 18	22 12	19 55	17 4	6 9
T 21	23 17	17 7	5 4	24 18	2 22	15 36	2 16	23 46	0 50	22 47	0 13	21 37	1 29	14 52	0 29	15 23	1 41	16 17	9 31	22 17	22 11	19 57	17 4	6 9
W22	23 17	12 36	5 16	24 5	2 20	15 36	2 24	23 43	0 50	22 46	0 13	21 37	1 29	14 52	0 29	15 23	1 41	16 17	9 31	22 17	22 11	19 59	17 4	6 9
T 23	23 17	7 25	5 12	23 50	2 17	15 36	2 31	23 40	0 51	22 45	0 13	21 38	1 29	14 51	0 29	15 22	1 41	16 18	9 32	22 17	22 10	20 1	17 3	6 9
F 24	23 16	1 45	4 51	23 34	2 13	15 37	2 37	23 36	0 51	22 44	0 13	21 38	1 29	14 51	0 29	15 22	1 41	16 18	9 32	22 17	22 10	20 3	17 3	6 9
S 25	23 15	4n 9	4 12	23 18	2 8	15 39	2 43	23 32	0 51	22 43	0 13	21 39	1 29	14 51	0 29	15 22	1 41	16 19	9 32	22 17	22 10	20 5	17 3	6 9
S 26	23 13	10 0	3 18	23 1	2 2	15 42	2 49	23 29	0 52	22 42	0 13	21 39	1 29	14 50	0 29	15 22	1 41	16 19	9 33	22 17	22 9	20 8	17 2	6 9
M27	23 11	15 27	2 9	22 43	1 56	15 45	2 55	23 24	0 52	22 41	0 13	21 39	1 29	14 50	0 29	15 21	1 41	16 20	9 33	22 17	22 9	20 10	17 2	6 9
T 28	23 9	20 3	0 51	22 25	1 48	15 49	3 0	23 20	0 52	22 41	0 13	21 40	1 29	14 50	0 29	15 21	1 41	16 20	9 33	22 17	22 8	20 12	17 1	6 9
W29	23 6	23 24	0n32	22 6	1 40	15 53	3 5	23 15	0 53	22 40	0 13	21 40	1 29	14 49	0 29	15 21	1 41	16 21	9 34	22 17	22 8	20 14	17 1	6 9
T 30	23 2	25 5	1 52	21 47	1 30	15 57	3 10	23 10	0 53	22 39	0 12	21 40	1 29	14 49	0 29	15 21	1 41	16 21	9 34	22 17	22 8	20 16	17 1	6 9
F 31	22 s58	24n56	3n 4	21 s28	1 s19	16 s 3	3n14	23 s 5	0 s54	22 s38	0n12	21 s41	1n29	14n49	0 s29	15n20	1 s41	16n22	9n34	22n17	22n 7	20 s18	17 s 0	6n 9

Julian Day Number = 2887613.5, Delta T = 01h17m54s
Ecliptic obliquity = 23°17'08, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°27'40, Lahiri = 40°34'40

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ASTRODIENST EPHEMERIS for the year 3194
geocentric

JANUARY 3194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 43 29	10♑ 8'49	3♌59	29♑47	26♏55	17♑52	11♑15	24♐11	11°R46	17°R32	10°R41	13°R32	12♊14	4♐55	5♑57	S 1
S 2	6 47 26	11° 9'44	18°16	0♒12	27°38	18°37	11°29	24°18	11♉45	17♉31	10♍40	13♊27	12°10	5° 1	6° 4	S 2
M 3	6 51 22	12°10'41	2♍ 7	0°28	28°21	19°22	11°43	24°25	11°44	17°30	10°39	13°23	12° 7	5° 8	6°11	M 3
T 4	6 55 19	13°11'38	15°31	0°R33	29° 6	20° 7	11°56	24°31	11°43	17°30	10°39	13°19	12° 4	5°15	6°18	T 4
W 5	6 59 15	14°12'36	28°28	0°28	29°51	20°52	12°10	24°38	11°42	17°29	10°38	13°17	12° 1	5°21	6°25	W 5
T 6	7 3 12	15°13'35	11♎ 1	0°12	0♐38	21°38	12°23	24°45	11°41	17°28	10°37	13°D16	11°58	5°28	6°32	T 6
F 7	7 7 8	16°14'35	23°15	29♑44	1°25	22°23	12°37	24°52	11°41	17°27	10°37	13°16	11°54	5°35	6°39	F 7
S 8	7 11 5	17°15'36	5♏15	29° 5	2°14	23° 8	12°51	24°59	11°40	17°27	10°36	13°17	11°51	5°41	6°45	S 8
S 9	7 15 2	18°16'38	17° 6	28°14	3° 3	23°54	13° 4	25° 6	11°40	17°26	10°35	13°19	11°48	5°48	6°52	S 9
M10	7 18 58	19°17'41	28°53	27°13	3°53	24°39	13°18	25°12	11°39	17°25	10°34	13°21	11°45	5°55	6°59	M10
T 11	7 22 55	20°18'44	10♐40	26° 4	4°44	25°24	13°32	25°19	11°39	17°25	10°34	13°R22	11°42	6° 1	7° 6	T 11
W12	7 26 51	21°19'49	22°31	24°47	5°36	26°10	13°45	25°26	11°38	17°24	10°33	13°21	11°39	6° 8	7°12	W12
T 13	7 30 48	22°20'53	4♑29	23°26	6°28	26°56	13°59	25°32	11°38	17°24	10°32	13°19	11°35	6°15	7°19	T 13
F 14	7 34 44	23°21'59	16°37	22° 4	7°21	27°41	14°12	25°39	11°37	17°23	10°31	13°14	11°32	6°21	7°26	F 14
S 15	7 38 41	24°23'04	28°57	20°42	8°15	28°27	14°26	25°46	11°37	17°23	10°30	13° 8	11°29	6°28	7°32	S 15
S 16	7 42 38	25°24'10	11♒28	19°25	9° 9	29°13	14°40	25°52	11°37	17°23	10°29	13° 1	11°26	6°34	7°39	S 16
M17	7 46 34	26°25'16	24°12	18°13	10° 4	29°58	14°53	25°59	11°37	17°22	10°28	12°52	11°23	6°41	7°46	M17
T 18	7 50 31	27°26'22	7♓ 9	17°10	11° 0	0♒44	15° 7	26° 5	11°37	17°22	10°27	12°44	11°20	6°48	7°52	T 18
W19	7 54 27	28°27'28	20°18	16°15	11°56	1°30	15°20	26°12	11°37	17°21	10°26	12°37	11°16	6°54	7°59	W19
T 20	7 58 24	29°28'34	3♈40	15°30	12°53	2°16	15°34	26°18	11°D37	17°21	10°25	12°32	11°13	7° 1	8° 5	T 20
F 21	8 2 20	0♒29'40	17°14	14°56	13°51	3° 2	15°47	26°24	11°37	17°21	10°24	12°29	11°10	7° 8	8°12	F 21
S 22	8 6 17	1°30'46	1♉ 1	14°32	14°48	3°48	16° 0	26°31	11°37	17°21	10°23	12°D28	11° 7	7°14	8°18	S 22
S 23	8 10 13	2°31'52	15° 2	14°19	15°47	4°34	16°14	26°37	11°37	17°21	10°22	12°29	11° 4	7°21	8°25	S 23
M24	8 14 10	3°32'57	29°16	14°D14	16°46	5°20	16°27	26°43	11°37	17°20	10°21	12°30	11° 0	7°28	8°31	M24
T 25	8 18 7	4°34'02	13♊41	14°19	17°45	6° 6	16°41	26°49	11°37	17°20	10°20	12°R31	10°57	7°34	8°38	T 25
W26	8 22 3	5°35'07	28°15	14°32	18°45	6°52	16°54	26°55	11°38	17°20	10°19	12°30	10°54	7°41	8°44	W26
T 27	8 26 0	6°36'11	12♋53	14°53	19°45	7°38	17° 7	27° 2	11°38	17°D20	10°17	12°26	10°51	7°48	8°50	T 27
F 28	8 29 56	7°37'16	27°28	15°20	20°45	8°24	17°20	27° 8	11°38	17°20	10°16	12°20	10°48	7°54	8°57	F 28
S 29	8 33 53	8°38'20	11♌55	15°54	21°46	9°11	17°34	27°14	11°39	17°20	10°15	12°12	10°45	8° 1	9° 3	S 29
S 30	8 37 49	9°39'24	26° 5	16°33	22°48	9°57	17°47	27°19	11°39	17°20	10°14	12° 2	10°41	8° 7	9° 9	S 30
M31	8 41 46	10♒40'27	9♍55	17♑17	23♐50	10♒43	18♑ 0	27♐25	11♉40	17♉20	10♍13	11♊52	10♊38	8♐14	9♑15	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22s54	23n 4	4n 2	21s10	1s 7	16s 8	3n18	23s 0	0s54	22s37	0n12	21s41	1n29	14n49	0s29	15n20	1s41	16n22	9n35	22n17	22n 7	20s20	17s 0	6n10	S 1
S 2	22 49	19 45	4 44	20 51	0 54	16 14	3 22	22 54	0 54	22 35	0 12	21 41	1 29	14 48	0 29	15 20	1 41	16 23	9 35	22 16	22 6	20 22	16 59	6 10	S 2
M 3	22 44	15 26	5 8	20 34	0 39	16 20	3 25	22 48	0 55	22 34	0 12	21 42	1 29	14 48	0 29	15 20	1 41	16 23	9 35	22 16	22 6	20 24	16 59	6 10	M 3
T 4	22 38	10 30	5 13	20 17	0 24	16 26	3 28	22 42	0 55	22 33	0 12	21 42	1 29	14 48	0 29	15 20	1 41	16 24	9 36	22 15	22 6	20 26	16 59	6 10	T 4
W 5	22 32	5 15	5 3	20 2	0 7	16 33	3 31	22 35	0 55	22 32	0 12	21 42	1 29	14 48	0 29	15 20	1 41	16 24	9 36	22 15	22 5	20 28	16 58	6 10	W 5
T 6	22 25	0s 4	4 38	19 48	0n11	16 40	3 34	22 29	0 56	22 31	0 12	21 42	1 29	14 47	0 29	15 19	1 41	16 25	9 36	22 15	22 5	20 30	16 58	6 10	T 6
F 7	22 18	5 15	4 1	19 35	0 30	16 47	3 36	22 22	0 56	22 30	0 12	21 43	1 29	14 47	0 29	15 19	1 41	16 25	9 36	22 15	22 4	20 32	16 57	6 11	F 7
S 8	22 11	10 9	3 14	19 24	0 49	16 55	3 38	22 14	0 56	22 29	0 12	21 43	1 29	14 47	0 29	15 19	1 41	16 26	9 37	22 15	22 4	20 34	16 57	6 11	S 8
S 9	22 3	14 37	2 19	19 15	1 9	17 2	3 40	22 7	0 57	22 27	0 12	21 43	1 29	14 47	0 28	15 19	1 41	16 26	9 37	22 15	22 3	20 36	16 56	6 11	S 9
M10	21 54	18 30	1 18	19 8	1 29	17 10	3 41	21 59	0 57	22 26	0 11	21 43	1 29	14 47	0 28	15 19	1 41	16 27	9 37	22 15	22 3	20 38	16 55	6 11	M10
T 11	21 46	21 40	0 15	19 2	1 48	17 18	3 43	21 51	0 57	22 25	0 11	21 44	1 29	14 47	0 28	15 19	1 40	16 28	9 38	22 15	22 3	20 40	16 55	6 11	T 11
W12	21 36	23 54	0s50	18 58	2 5	17 25	3 44	21 43	0 57	22 24	0 11	21 44	1 29	14 47	0 28	15 19	1 40	16 28	9 38	22 15	22 2	20 42	16 54	6 12	W12
T 13	21 27	25 5	1 53	18 56	2 22	17 33	3 45	21 35	0 58	22 22	0 11	21 44	1 29	14 47	0 28	15 19	1 40	16 29	9 38	22 15	22 2	20 44	16 54	6 12	T 13
F 14	21 17	25 5	2 51	18 55	2 36	17 41	3 46	21 26	0 58	22 21	0 11	21 44	1 29	14 46	0 28	15 18	1 40	16 29	9 38	22 15	22 1	20 46	16 53	6 12	F 14
S 15	21 6	23 52	3 42	18 56	2 48	17 49	3 46	21 17	0 58	22 20	0 11	21 44	1 29	14 46	0 28	15 18	1 40	16 30	9 39	22 14	22 1	20 48	16 53	6 12	S 15
S 16	20 55	21 27	4 23	18 57	2 58	17 57	3 47	21 8	0 59	22 18	0 11	21 45	1 29	14 46	0 28	15 18	1 40	16 31	9 39	22 13	22 0	20 50	16 52	6 13	S 16
M17	20 44	17 58	4 52	19 0	3 5	18 5	3 47	20 59	0 59	22 17	0 11	21 45	1 29	14 46	0 28	15 18	1 40	16 31	9 39	22 12	22 0	20 52	16 51	6 13	M17
T 18	20 32	13 35	5 7	19 3	3 10	18 12	3 47	20 50	0 59	22 15	0 11	21 45	1 29	14 46	0 28	15 18	1 40	16 32	9 40	22 11	22 0	20 54	16 51	6 13	T 18
W19	20 20	8 30	5 6	19 8	3 12	18 20	3 46	20 40	0 59	22 14	0 11	21 45	1 29	14 46	0 28	15 18	1 40	16 32	9 40	22 10	21 59	20 56	16 50	6 14	W19
T 20	20 8	2 58	4 48	19 13	3 12	18 28	3 46	20 30	1 0	22 13	0 11	21 45	1 29	14 46	0 28	15 18	1 40	16 33	9 40	22 9	21 59	20 58	16 49	6 14	T 20
F 21	19 55	2n49	4 14	19 18	3 10	18 35	3 46	20 20	1 0	22 11	0 11	21 46	1 29	14 46	0 28	15 18	1 40	16 34	9 40	22 9	21 58	21 0	16 49	6 14	F 21
S 22	19 42	8 33	3 25	19 24	3 6	18 42	3 45	20 9	1 0	22 10	0 11	21 46	1 29	14 46	0 28	15 18	1 40	16 34	9 41	22 9	21 58	21 2	16 48	6 14	S 22
S 23	19 28	13 58	2 23	19 31	3 1	18 49	3 44	19 59	1 0	22 8	0 10	21 46	1 29	14 47	0 28	15 18	1 40	16 35	9 41	22 9	21 57	21 4	16 47	6 15	S 23
M24	19 14	18 43	1 11	19 37	2 55	18 56	3 43	19 48	1 1	22 7	0 10	21 46	1 29	14 47	0 28	15 18	1 40	16 36	9 41	22 9	21 57	21 6	16 47	6 15	M24
T 25	19 0	22 24	0n 6	19 44	2 48	19 3	3 42	19 37	1 1	22 5	0 10	21 46	1 29	14 47	0 28	15 18	1 40	16 36	9 41	22 9	21 57	21 8	16 46	6 15	T 25
W26	18 45	24 40	1 24	19 51	2 40	19 9	3 40	19 25	1 1	22 3	0 10	21 46	1 29	14 47	0 28	15 18	1 40	16 37	9 42	22 9	21 56	21 10	16 45	6 16	W26
T 27	18 30	25 15	2 36	19 57	2 32	19 15	3 39	19 14	1 1	22 2	0 10	21 46	1 29	14 47	0 28	15 18	1 40	16 38	9 42	22 8	21 56	21 12	16 44	6 16	T 27
F 28	18 15	24 5	3 37	20 3	2 22	19 21	3 37	19 2	1 2	22 0	0 10	21 46	1 29	14 47	0 28	15 18	1 40	16 38	9 42	22 8	21 55	21 14	16 44	6 16	F 28
S 29	17 59	21 20	4 24	20 9	2 13	19 27	3 35	18 50	1 2	21 59	0 10	21 46	1 29	14 47	0 28	15 18	1 40	16 39	9 42	22 7	21 55	21 16	16 43	6 17	S 29
S 30	17 43	17 20	4 53	20 14	2 3	19 32	3 34	18 38	1 2	21 57	0 10	21 47	1 29	14 48	0 28	15 19	1 39	16 40	9 43	22 5	21 54	21 18	16 42	6 17	S 30
M31	17s27	12n30	5n 5	20s18	1n54	19s37	3n32	18s26	1s 2	21s55	0n10	21s47	1n29	14n48	0s28	15n19	1s39	16n40	9n43	22n 4	21n54	21s20	16s41	6n18	M31

Julian Day Number = 2887644.5, Delta T = 01h17m55s
Ecliptic obliquity = 23°17'08, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°27'44, Lahiri = 40°34'44

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ASTRODIENST EPHEMERIS for the year 3194
geocentric

FEBRUARY 3194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 45 42	11♒41'31	23♍20	18♑ 6	24♐52	11♒29	18♑13	27♐31	11♉41	17♉21	10°R11	11°R43	10♊35	8♐21	9♑21	T 1
W 2	8 49 39	12°42'34	6♎21	18°59	25°54	12°16	18°26	27°37	11°41	17°21	10♍10	11♊35	10°32	8°27	9°28	W 2
T 3	8 53 36	13°43'37	18°58	19°56	26°57	13° 2	18°39	27°43	11°42	17°21	10° 9	11°29	10°29	8°34	9°34	T 3
F 4	8 57 32	14°44'40	1♏16	20°56	28° 0	13°49	18°52	27°48	11°43	17°21	10° 8	11°26	10°26	8°41	9°40	F 4
S 5	9 1 29	15°45'44	13°18	21°58	29° 4	14°35	19° 5	27°54	11°44	17°22	10° 6	11°D25	10°22	8°47	9°46	S 5
S 6	9 5 25	16°46'46	25° 9	23° 4	0♑ 8	15°22	19°18	27°59	11°44	17°22	10° 5	11°25	10°19	8°54	9°51	S 6
M 7	9 9 22	17°47'49	6♐56	24°11	1°12	16° 8	19°31	28° 5	11°45	17°22	10° 4	11°R26	10°16	9° 1	9°57	M 7
T 8	9 13 18	18°48'52	18°44	25°21	2°16	16°55	19°44	28°10	11°46	17°23	10° 2	11°26	10°13	9° 7	10° 3	T 8
W 9	9 17 15	19°49'54	0♑38	26°33	3°21	17°41	19°56	28°16	11°47	17°23	10° 1	11°24	10°10	9°14	10° 9	W 9
T 10	9 21 11	20°50'56	12°42	27°47	4°26	18°28	20° 9	28°21	11°48	17°23	10° 0	11°19	10° 6	9°21	10°15	T 10
F 11	9 25 8	21°51'57	25° 0	29° 2	5°31	19°15	20°22	28°26	11°49	17°24	9°58	11°12	10° 3	9°27	10°20	F 11
S 12	9 29 5	22°52'58	7♒33	0♒19	6°37	20° 1	20°34	28°31	11°51	17°24	9°57	11° 2	10° 0	9°34	10°26	S 12
S 13	9 33 1	23°53'58	20°24	1°37	7°43	20°48	20°47	28°36	11°52	17°25	9°55	10°50	9°57	9°40	10°31	S 13
M14	9 36 58	24°54'58	3♓30	2°57	8°48	21°35	21° 0	28°41	11°53	17°26	9°54	10°37	9°54	9°47	10°37	M14
T 15	9 40 54	25°55'56	16°51	4°18	9°55	22°22	21°12	28°46	11°54	17°26	9°53	10°24	9°51	9°54	10°42	T 15
W16	9 44 51	26°56'54	0♈24	5°40	11° 1	23° 9	21°24	28°51	11°56	17°27	9°51	10°13	9°47	10° 0	10°48	W16
T 17	9 48 47	27°57'51	14° 6	7° 3	12° 8	23°55	21°37	28°56	11°57	17°28	9°50	10° 4	9°44	10° 7	10°53	T 17
F 18	9 52 44	28°58'46	27°56	8°26	13°14	24°42	21°49	29° 0	11°59	17°28	9°48	9°58	9°41	10°14	10°58	F 18
S 19	9 56 40	29°59'41	11♉52	9°51	14°21	25°29	22° 1	29° 5	12° 0	17°29	9°47	9°55	9°38	10°20	11° 4	S 19
S 20	10 0 37	1♓ 0'34	25°52	11°17	15°28	26°16	22°13	29°10	12° 2	17°30	9°45	9°54	9°35	10°27	11° 9	S 20
M21	10 4 34	2° 1'26	9♊56	12°44	16°36	27° 3	22°25	29°14	12° 3	17°31	9°44	9°54	9°32	10°34	11°14	M21
T 22	10 8 30	3° 2'17	24° 4	14°12	17°43	27°50	22°37	29°19	12° 5	17°32	9°43	9°53	9°28	10°40	11°19	T 22
W23	10 12 27	4° 3'06	8♋14	15°40	18°51	28°37	22°49	29°23	12° 7	17°32	9°41	9°51	9°25	10°47	11°24	W23
T 24	10 16 23	5° 3'55	22°24	17° 9	19°59	29°24	23° 1	29°27	12° 8	17°33	9°40	9°46	9°22	10°54	11°29	T 24
F 25	10 20 20	6° 4'42	6♌32	18°40	21° 7	0♓11	23°13	29°31	12°10	17°34	9°38	9°39	9°19	11° 0	11°34	F 25
S 26	10 24 16	7° 5'27	20°33	20°11	22°15	0°58	23°25	29°35	12°12	17°35	9°37	9°28	9°16	11° 7	11°39	S 26
S 27	10 28 13	8° 6'11	4♍23	21°42	23°23	1°45	23°36	29°39	12°14	17°36	9°35	9°15	9°12	11°14	11°43	S 27
M28	10 32 9	9♓ 6'54	17♍57	23♒15	24♑32	2♓32	23♑48	29♐43	12♉16	17♉37	9♍34	9♊ 2	9♊ 9	11♐20	11♑48	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s10	7n12	4n59	20s22	1n44	19s42	3n29	18s13	1s 2	21s54	0n10	21s47	1n29	14n48	0s28	15n19	1s39	16n41	9n43	22n 3	21n53	21s21	16s40	6n18
W 2	16 53	1 44	4 37	20 24	1 34	19 46	3 27	18 1	1 3	21 52	0 10	21 47	1 29	14 48	0 28	15 19	1 39	16 42	9 43	22 2	21 53	21 23	16 40	6 18
T 3	16 36	3s38	4 3	20 26	1 24	19 50	3 25	17 48	1 3	21 50	0 10	21 47	1 29	14 48	0 28	15 19	1 39	16 42	9 43	22 1	21 53	21 25	16 39	6 19
F 4	16 18	8 45	3 17	20 27	1 14	19 54	3 22	17 35	1 3	21 49	0 9	21 47	1 29	14 49	0 28	15 19	1 39	16 43	9 44	22 1	21 52	21 27	16 38	6 19
S 5	16 1	13 26	2 24	20 27	1 4	19 57	3 20	17 21	1 3	21 47	0 9	21 47	1 29	14 49	0 28	15 19	1 39	16 44	9 44	22 0	21 52	21 29	16 37	6 20
S 6	15 42	17 33	1 26	20 26	0 54	20 0	3 17	17 8	1 3	21 45	0 9	21 47	1 29	14 49	0 28	15 19	1 39	16 44	9 44	22 0	21 51	21 31	16 36	6 20
M 7	15 24	20 56	0 24	20 24	0 45	20 3	3 14	16 54	1 3	21 43	0 9	21 47	1 29	14 50	0 28	15 19	1 39	16 45	9 44	22 0	21 51	21 33	16 35	6 20
T 8	15 5	23 27	0s39	20 21	0 35	20 5	3 11	16 41	1 4	21 42	0 9	21 47	1 29	14 50	0 28	15 20	1 39	16 46	9 44	22 0	21 50	21 35	16 35	6 21
W 9	14 46	24 58	1 40	20 17	0 26	20 6	3 8	16 27	1 4	21 40	0 9	21 47	1 30	14 50	0 28	15 20	1 39	16 46	9 45	22 0	21 50	21 37	16 34	6 21
T 10	14 27	25 19	2 38	20 12	0 17	20 8	3 5	16 12	1 4	21 38	0 9	21 47	1 30	14 51	0 27	15 20	1 39	16 47	9 45	22 0	21 49	21 38	16 33	6 22
F 11	14 8	24 26	3 30	20 5	0 8	20 8	3 2	15 58	1 4	21 36	0 9	21 47	1 30	14 51	0 27	15 20	1 39	16 48	9 45	21 59	21 49	21 40	16 32	6 22
S 12	13 48	22 19	4 12	19 58	0s 1	20 9	2 59	15 44	1 4	21 35	0 9	21 47	1 30	14 51	0 27	15 20	1 39	16 48	9 45	21 57	21 48	21 42	16 31	6 23
S 13	13 28	19 4	4 42	19 49	0 9	20 9	2 55	15 29	1 4	21 33	0 9	21 47	1 30	14 52	0 27	15 21	1 39	16 49	9 45	21 56	21 48	21 44	16 30	6 23
M14	13 8	14 48	4 59	19 39	0 17	20 8	2 52	15 14	1 4	21 31	0 9	21 47	1 30	14 52	0 27	15 21	1 39	16 50	9 45	21 54	21 47	21 46	16 29	6 24
T 15	12 48	9 45	4 59	19 28	0 25	20 7	2 49	14 59	1 4	21 29	0 9	21 47	1 30	14 53	0 27	15 21	1 39	16 50	9 45	21 52	21 47	21 48	16 28	6 24
W16	12 27	4 10	4 43	19 16	0 33	20 5	2 45	14 44	1 4	21 27	0 9	21 47	1 30	14 53	0 27	15 21	1 38	16 51	9 46	21 50	21 47	21 50	16 28	6 25
T 17	12 6	1n41	4 10	19 3	0 41	20 3	2 42	14 29	1 5	21 25	0 8	21 47	1 30	14 54	0 27	15 21	1 38	16 52	9 46	21 49	21 46	21 51	16 27	6 25
F 18	11 45	7 31	3 23	18 48	0 48	20 1	2 38	14 13	1 5	21 24	0 8	21 47	1 30	14 54	0 27	15 22	1 38	16 52	9 46	21 48	21 46	21 53	16 26	6 26
S 19	11 24	13 2	2 23	18 33	0 55	19 58	2 34	13 58	1 5	21 22	0 8	21 47	1 30	14 54	0 27	15 22	1 38	16 53	9 46	21 48	21 45	21 55	16 25	6 26
S 20	11 3	17 54	1 14	18 16	1 1	19 54	2 30	13 42	1 5	21 20	0 8	21 47	1 30	14 55	0 27	15 22	1 38	16 54	9 46	21 48	21 45	21 57	16 24	6 27
M21	10 41	21 48	0n 0	17 58	1 8	19 50	2 27	13 26	1 5	21 18	0 8	21 47	1 30	14 55	0 27	15 23	1 38	16 54	9 46	21 48	21 44	21 59	16 23	6 27
T 22	10 20	24 23	1 14	17 39	1 14	19 46	2 23	13 10	1 5	21 16	0 8	21 47	1 30	14 56	0 27	15 23	1 38	16 55	9 46	21 47	21 44	22 1	16 22	6 28
W23	9 58	25 25	2 24	17 18	1 20	19 41	2 19	12 54	1 5	21 14	0 8	21 47	1 30	14 57	0 27	15 23	1 38	16 56	9 46	21 47	21 43	22 2	16 21	6 28
T 24	9 36	24 48	3 24	16 57	1 25	19 35	2 15	12 37	1 5	21 12	0 8	21 47	1 31	14 57	0 27	15 23	1 38	16 56	9 47	21 46	21 43	22 4	16 20	6 29
F 25	9 13	22 35	4 12	16 34	1 31	19 29	2 11	12 21	1 5	21 10	0 8	21 47	1 31	14 58	0 27	15 24	1 38	16 57	9 47	21 45	21 42	22 6	16 19	6 30
S 26	8 51	19 2	4 44	16 11	1 36	19 22	2 7	12 5	1 5	21 9	0 8	21 46	1 31	14 58	0 27	15 24	1 38	16 58	9 47	21 44	21 42	22 8	16 18	6 30
S 27	8 29	14 29	4 59	15 46	1 40	19 15	2 3	11 48	1 5	21 7	0 8	21 46	1 31	14 59	0 27	15 24	1 38	16 58	9 47	21 42	21 41	22 10	16 17	6 31
M28	8s 6	9n17	4n56	15s20	1s45	19s 8	1n59	11s31	1s 5	21s 5	0n 8	21s46	1n31	14n59	0s27	15n25	1s38	16n59	9n47	21n40	21n41	22s11	16s16	6n31

Julian Day Number = 2887675.5, Delta T = 01h17m56s
Ecliptic obliquity = 23°17'09, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°27'48, Lahiri = 40°34'49

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ASTRODIENST EPHEMERIS for the year 3194
geocentric

MARCH 3194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 36 6	10♓ 7'36	1♎12	24♒48	25♉40	3♓19	23♉59	29♐47	12♉18	17♉38	9°R32	8°R49	9♊ 6	11♐27	11♉52	T 1
W 2	10 40 3	11° 8'17	14° 8	26°23	26°49	4° 6	24°11	29°51	12°20	17°40	9♍31	8♊39	9° 3	11°33	11°57	W 2
T 3	10 43 59	12° 8'57	26°43	27°58	27°58	4°54	24°22	29°55	12°22	17°41	9°29	8°30	9° 0	11°40	12° 1	T 3
F 4	10 47 56	13° 9'35	9♏ 0	29°34	29° 7	5°41	24°33	29°58	12°24	17°42	9°28	8°25	8°57	11°47	12° 6	F 4
S 5	10 51 52	14°10'13	21° 3	1♓10	0♒16	6°28	24°44	0♑ 2	12°26	17°43	9°26	8°22	8°53	11°53	12°10	S 5
S 6	10 55 49	15°10'49	2♐56	2°48	1°26	7°15	24°55	0° 5	12°28	17°44	9°25	8°21	8°50	12° 0	12°14	S 6
M 7	10 59 45	16°11'24	14°44	4°26	2°35	8° 2	25° 6	0° 8	12°30	17°46	9°24	8°21	8°47	12° 7	12°18	M 7
T 8	11 3 42	17°11'59	26°32	6° 6	3°44	8°49	25°17	0°12	12°33	17°47	9°22	8°21	8°44	12°13	12°23	T 8
W 9	11 7 38	18°12'32	8♑27	7°46	4°54	9°37	25°28	0°15	12°35	17°48	9°21	8°19	8°41	12°20	12°27	W 9
T 10	11 11 35	19°13'04	20°34	9°27	6° 4	10°24	25°39	0°18	12°37	17°50	9°19	8°15	8°37	12°27	12°30	T 10
F 11	11 15 32	20°13'35	2♒57	11° 9	7°14	11°11	25°49	0°21	12°40	17°51	9°18	8° 9	8°34	12°33	12°34	F 11
S 12	11 19 28	21°14'04	15°39	12°52	8°24	11°58	26° 0	0°24	12°42	17°52	9°16	8° 0	8°31	12°40	12°38	S 12
S 13	11 23 25	22°14'32	28°42	14°36	9°34	12°46	26°10	0°27	12°44	17°54	9°15	7°48	8°28	12°47	12°42	S 13
M14	11 27 21	23°14'58	12♓ 7	16°21	10°44	13°33	26°20	0°29	12°47	17°55	9°13	7°36	8°25	12°53	12°45	M14
T 15	11 31 18	24°15'23	25°50	18° 7	11°54	14°20	26°31	0°32	12°49	17°57	9°12	7°24	8°22	13° 0	12°49	T 15
W16	11 35 14	25°15'47	9♈49	19°54	13° 4	15° 8	26°41	0°34	12°52	17°58	9°11	7°13	8°18	13° 6	12°52	W16
T 17	11 39 11	26°16'09	23°59	21°42	14°15	15°55	26°51	0°37	12°55	18° 0	9° 9	7° 4	8°15	13°13	12°56	T 17
F 18	11 43 7	27°16'29	8♉14	23°30	15°25	16°42	27° 0	0°39	12°57	18° 1	9° 8	6°58	8°12	13°20	12°59	F 18
S 19	11 47 4	28°16'47	22°31	25°20	16°36	17°29	27°10	0°41	13° 0	18° 3	9° 6	6°55	8° 9	13°26	13° 2	S 19
S 20	11 51 0	29°17'03	6♊45	27°11	17°47	18°17	27°20	0°43	13° 2	18° 5	9° 5	6°D54	8° 6	13°33	13° 5	S 20
M21	11 54 57	0♈17'17	20°55	29° 3	18°57	19° 4	27°29	0°45	13° 5	18° 6	9° 4	6°55	8° 3	13°40	13° 8	M21
T 22	11 58 54	1°17'30	5♋ 0	0♈55	20° 8	19°51	27°39	0°47	13° 8	18° 8	9° 2	6°R55	7°59	13°46	13°11	T 22
W23	12 2 50	2°17'40	18°58	2°49	21°19	20°39	27°48	0°49	13°11	18°10	9° 1	6°54	7°56	13°53	13°14	W23
T 24	12 6 47	3°17'48	2♌49	4°43	22°30	21°26	27°57	0°51	13°13	18°11	9° 0	6°50	7°53	14° 0	13°17	T 24
F 25	12 10 43	4°17'55	16°33	6°38	23°41	22°13	28° 6	0°52	13°16	18°13	8°58	6°44	7°50	14° 6	13°20	F 25
S 26	12 14 40	5°17'59	0♍ 7	8°34	24°52	23° 1	28°15	0°54	13°19	18°15	8°57	6°36	7°47	14°13	13°22	S 26
S 27	12 18 36	6°18'01	13°30	10°31	26° 3	23°48	28°24	0°55	13°22	18°17	8°56	6°26	7°43	14°20	13°25	S 27
M28	12 22 33	7°18'01	26°41	12°28	27°14	24°35	28°33	0°57	13°25	18°18	8°55	6°15	7°40	14°26	13°27	M28
T 29	12 26 29	8°17'59	9♎37	14°25	28°25	25°22	28°42	0°58	13°28	18°20	8°53	6° 4	7°37	14°33	13°29	T 29
W30	12 30 26	9°17'56	22°17	16°23	29°37	26°10	28°50	0°59	13°31	18°22	8°52	5°56	7°34	14°39	13°32	W30
T 31	12 34 23	10♈17'51	4♏43	18♈21	0♓48	26♓57	28♑58	1♑ 0	13♉34	18♉24	8♍51	5♊49	7♊31	14♐46	13♉34	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s43	3n47	4n38	14s53	1s49	18s59	1n55	11s14	1s 5	21s 3	0n 8	21s46	1n31	15n 0	0s27	15n25	1s38	17n 0	9n47	21n38	21n40	22s13	16s15	6n32
W 2	7 21	1s46	4 5	14 24	1 52	18 51	1 51	10 57	1 5	21 1	0 7	21 46	1 31	15 1	0 27	15 25	1 38	17 0	9 47	21 36	21 40	22 15	16 14	6 32
T 3	6 58	7 6	3 21	13 55	1 56	18 42	1 47	10 40	1 5	20 59	0 7	21 46	1 31	15 1	0 27	15 26	1 38	17 1	9 47	21 35	21 39	22 17	16 13	6 33
F 4	6 35	12 3	2 29	13 24	1 59	18 32	1 42	10 23	1 5	20 57	0 7	21 46	1 31	15 2	0 27	15 26	1 38	17 2	9 47	21 34	21 39	22 18	16 12	6 34
S 5	6 11	16 27	1 30	12 53	2 1	18 22	1 38	10 6	1 5	20 55	0 7	21 46	1 31	15 3	0 27	15 27	1 38	17 2	9 47	21 34	21 38	22 20	16 11	6 34
S 6	5 48	20 8	0 29	12 20	2 4	18 11	1 34	9 48	1 5	20 54	0 7	21 46	1 31	15 3	0 27	15 27	1 38	17 3	9 47	21 33	21 38	22 22	16 10	6 35
M 7	5 25	22 59	0s34	11 46	2 6	18 0	1 30	9 31	1 5	20 52	0 7	21 46	1 31	15 4	0 27	15 27	1 37	17 3	9 47	21 33	21 37	22 24	16 9	6 35
T 8	5 1	24 49	1 35	11 11	2 7	17 48	1 26	9 13	1 5	20 50	0 7	21 46	1 31	15 5	0 27	15 28	1 37	17 4	9 47	21 33	21 37	22 25	16 8	6 36
W 9	4 38	25 33	2 32	10 35	2 8	17 36	1 22	8 55	1 5	20 48	0 7	21 46	1 32	15 5	0 27	15 28	1 37	17 5	9 47	21 33	21 37	22 27	16 7	6 37
T 10	4 14	25 5	3 24	9 58	2 9	17 23	1 17	8 37	1 5	20 46	0 7	21 45	1 32	15 6	0 27	15 29	1 37	17 5	9 47	21 33	21 36	22 29	16 6	6 37
F 11	3 51	23 23	4 7	9 20	2 9	17 10	1 13	8 20	1 5	20 44	0 7	21 45	1 32	15 7	0 27	15 29	1 37	17 6	9 48	21 32	21 36	22 31	16 5	6 38
S 12	3 27	20 29	4 39	8 41	2 9	16 56	1 9	8 2	1 5	20 42	0 7	21 45	1 32	15 8	0 27	15 29	1 37	17 6	9 48	21 30	21 35	22 32	16 4	6 39
S 13	3 4	16 30	4 58	8 1	2 9	16 42	1 5	7 44	1 5	20 40	0 7	21 45	1 32	15 8	0 27	15 30	1 37	17 7	9 48	21 28	21 35	22 34	16 3	6 39
M14	2 40	11 36	5 0	7 19	2 8	16 28	1 1	7 25	1 5	20 39	0 6	21 45	1 32	15 9	0 27	15 30	1 37	17 7	9 48	21 26	21 34	22 36	16 2	6 40
T 15	2 16	6 2	4 46	6 37	2 7	16 12	0 56	7 7	1 5	20 37	0 6	21 45	1 32	15 10	0 27	15 31	1 37	17 8	9 48	21 24	21 34	22 38	16 1	6 41
W16	1 52	0 3	4 15	5 54	2 5	15 57	0 52	6 49	1 4	20 35	0 6	21 45	1 32	15 11	0 27	15 31	1 37	17 8	9 48	21 22	21 33	22 39	16 0	6 41
T 17	1 28	6n 2	3 27	5 9	2 3	15 41	0 48	6 31	1 4	20 33	0 6	21 45	1 32	15 12	0 27	15 32	1 37	17 9	9 48	21 21	21 33	22 41	15 59	6 42
F 18	1 5	11 51	2 26	4 24	2 0	15 24	0 44	6 12	1 4	20 31	0 6	21 45	1 32	15 12	0 26	15 32	1 37	17 9	9 48	21 20	21 32	22 43	15 59	6 43
S 19	0 41	17 4	1 16	3 38	1 56	15 7	0 40	5 54	1 4	20 29	0 6	21 45	1 33	15 13	0 26	15 33	1 37	17 10	9 48	21 20	21 32	22 44	15 58	6 43
S 20	0 17	21 17	0 1	2 50	1 53	14 50	0 36	5 35	1 4	20 28	0 6	21 44	1 33	15 14	0 26	15 33	1 37	17 10	9 47	21 19	21 31	22 46	15 57	6 44
M21	0n 7	24 12	1n14	2 2	1 48	14 32	0 32	5 17	1 4	20 26	0 6	21 44	1 33	15 15	0 26	15 34	1 37	17 11	9 47	21 20	21 31	22 48	15 56	6 45
T 22	0 31	25 35	2 24	1 13	1 44	14 14	0 28	4 58	1 4	20 24	0 6	21 44	1 33	15 16	0 26	15 34	1 37	17 11	9 47	21 20	21 30	22 49	15 55	6 45
W23	0 54	25 20	3 24	0 24	1 38	13 56	0 24	4 40	1 4	20 22	0 6	21 44	1 33	15 16	0 26	15 35	1 37	17 12	9 47	21 19	21 30	22 51	15 54	6 46
T 24	1 18	23 30	4 12	0n27	1 32	13 37	0 20	4 21	1 3	20 21	0 6	21 44	1 33	15 17	0 26	15 35	1 37	17 12	9 47	21 19	21 29	22 53	15 53	6 47
F 25	1 42	20 19	4 45	1 18	1 26	13 17	0 16	4 2	1 3	20 19	0 6	21 44	1 33	15 18	0 26	15 36	1 37	17 13	9 47	21 18	21 28	22 54	15 52	6 48
S 26	2 6	16 4	5 2	2 10	1 19	12 57	0 12	3 44	1 3	20 17	0 6	21 44	1 33	15 19	0 26	15 36	1 37	17 13	9 47	21 16	21 28	22 56	15 51	6 48
S 27	2 29	11 5	5 2	3 3	1 11	12 37	0 8	3 25	1 3	20 16	0 5	21 44	1 33	15 20	0 26	15 37	1 37	17 14	9 47	21 15	21 27	22 58	15 50	6 49
M28	2 53	5 41	4 45	3 55	1 3	12 17	0 5	3 6	1 3	20 14	0 5	21 44	1 33	15 21	0 26	15 37	1 37	17 14	9 47	21 13	21 27	22 59	15 49	6 50
T 29	3 16	0 7	4 14	4 49	0 55	11 56	0 1	2 47	1 3	20 12	0 5	21 43	1 33	15 22	0 26	15 38	1 37	17 15	9 47	21 11	21 26	23 1	15 48	6 50
W30	3 40	5s21	3 31	5 42	0 45	11 35	0s 3	2 28	1 2	20 11	0 5	21 43	1 34	15 23	0 26	15 38	1 37	17 15	9 47	21 9	21 26	23 3	15 47	6 51
T 31	4n 3	10s31	2n38	6n36	0s36	11s13	0s 6	2s 9	1s 2	20s 9	0n 5	21s43	1n34	15n24	0s26	15n39	1s37	17n15	9n47	21n 8	21n25	23s 4	15s46	6n52

Julian Day Number = 2887703.5, Delta T = 01h17m56s
Ecliptic obliquity = 23°17'09, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°27'52, Lahiri = 40°34'52

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ASTRODIENST EPHEMERIS for the year 3194
geocentric

APRIL 3194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 38 19	11♈17'44	16♏55	20♈18	1♓59	27♓44	29♑ 6	1♑ 1	13♉37	18♉26	8°R50	5°R44	7♊28	14♐53	13♑36	F 1
S 2	12 42 16	12°17'35	28°55	22°15	3°11	28°31	29°15	1° 2	13°40	18°28	8♍48	5♊42	7°24	14°59	13°38	S 2
S 3	12 46 12	13°17'25	10♐47	24°10	4°22	29°19	29°22	1° 3	13°43	18°30	8°47	5°D42	7°21	15° 6	13°40	S 3
M 4	12 50 9	14°17'13	22°35	26° 5	5°34	0♈ 6	29°30	1° 3	13°46	18°32	8°46	5°43	7°18	15°13	13°42	M 4
T 5	12 54 5	15°16'59	4♑24	27°58	6°46	0°53	29°38	1° 4	13°49	18°33	8°45	5°44	7°15	15°19	13°43	T 5
W 6	12 58 2	16°16'44	16°19	29°49	7°57	1°41	29°45	1° 4	13°52	18°35	8°44	5°R45	7°12	15°26	13°45	W 6
T 7	13 1 58	17°16'27	28°25	1♉38	9° 9	2°28	29°53	1° 4	13°55	18°37	8°43	5°44	7° 9	15°33	13°46	T 7
F 8	13 5 55	18°16'09	10♒47	3°24	10°21	3°15	0♒ 0	1° 5	13°58	18°39	8°42	5°42	7° 5	15°39	13°48	F 8
S 9	13 9 52	19°15'49	23°31	5° 6	11°33	4° 2	0° 7	1° 5	14° 2	18°41	8°41	5°37	7° 2	15°46	13°49	S 9
S 10	13 13 48	20°15'27	6♓38	6°45	12°44	4°49	0°14	1°R 5	14° 5	18°43	8°40	5°31	6°59	15°53	13°50	S 10
M11	13 17 45	21°15'03	20°10	8°19	13°56	5°37	0°21	1° 5	14° 8	18°46	8°39	5°24	6°56	15°59	13°52	M11
T 12	13 21 41	22°14'37	4♈ 7	9°49	15° 8	6°24	0°28	1° 4	14°11	18°48	8°38	5°16	6°53	16° 6	13°53	T 12
W13	13 25 38	23°14'10	18°24	11°13	16°20	7°11	0°34	1° 4	14°15	18°50	8°37	5°10	6°49	16°13	13°54	W13
T 14	13 29 34	24°13'40	2♉57	12°32	17°32	7°58	0°40	1° 4	14°18	18°52	8°36	5° 5	6°46	16°19	13°54	T 14
F 15	13 33 31	25°13'09	17°38	13°46	18°44	8°45	0°47	1° 3	14°21	18°54	8°35	5° 1	6°43	16°26	13°55	F 15
S 16	13 37 27	26°12'36	2♊21	14°53	19°56	9°32	0°53	1° 3	14°24	18°56	8°34	5°D 0	6°40	16°32	13°56	S 16
S 17	13 41 24	27°12'00	16°59	15°53	21° 9	10°19	0°59	1° 2	14°28	18°58	8°33	5° 1	6°37	16°39	13°56	S 17
M18	13 45 21	28°11'22	1♋27	16°48	22°21	11° 7	1° 4	1° 1	14°31	19° 0	8°32	5° 2	6°34	16°46	13°57	M18
T 19	13 49 17	29°10'42	15°43	17°35	23°33	11°54	1°10	1° 0	14°34	19° 2	8°31	5° 3	6°30	16°52	13°57	T 19
W20	13 53 14	0♉10'00	29°43	18°15	24°45	12°41	1°15	0°59	14°38	19° 5	8°30	5°R 4	6°27	16°59	13°58	W20
T 21	13 57 10	1° 9'16	13♌28	18°48	25°57	13°28	1°21	0°58	14°41	19° 7	8°30	5° 3	6°24	17° 6	13°58	T 21
F 22	14 1 7	2° 8'29	26°58	19°14	27° 9	14°15	1°26	0°57	14°44	19° 9	8°29	5° 1	6°21	17°12	13°58	F 22
S 23	14 5 3	3° 7'39	10♍13	19°33	28°22	15° 2	1°31	0°56	14°48	19°11	8°28	4°57	6°18	17°19	13°R58	S 23
S 24	14 9 0	4° 6'48	23°14	19°45	29°34	15°49	1°35	0°54	14°51	19°13	8°27	4°53	6°14	17°26	13°58	S 24
M25	14 12 56	5° 5'54	6♎ 2	19°R49	0♈46	16°35	1°40	0°53	14°55	19°16	8°27	4°48	6°11	17°32	13°58	M25
T 26	14 16 53	6° 4'58	18°37	19°47	1°59	17°22	1°44	0°51	14°58	19°18	8°26	4°43	6° 8	17°39	13°57	T 26
W27	14 20 49	7° 4'01	1♏ 0	19°39	3°11	18° 9	1°49	0°50	15° 1	19°20	8°25	4°39	6° 5	17°46	13°57	W27
T 28	14 24 46	8° 3'01	13°12	19°24	4°23	18°56	1°53	0°48	15° 5	19°22	8°25	4°36	6° 2	17°52	13°57	T 28
F 29	14 28 43	9° 1'59	25°15	19° 3	5°36	19°43	1°56	0°46	15° 8	19°24	8°24	4°34	5°59	17°59	13°56	F 29
S 30	14 32 39	10♉ 0'56	7♐10	18♉37	6♈48	20♈30	2♒ 0	0♑44	15♉12	19♉27	8♍23	4°D34	5♊55	18♐ 5	13♑55	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n26	15s12	1n39	7n29	0s26	10s51	0s10	1s51	1s 2	20s 7	0n 5	21s43	1n34	15n24	0s26	15n39	1s36	17n16	9n47	21n 8	21n25	23s 6	15s45	6n53
S 2	4 50	19 12	0 36	8 22	0 15	10 29	0 14	1 32	1 2	20 6	0 5	21 43	1 34	15 25	0 26	15 40	1 36	17 16	9 47	21 7	21 24	23 7	15 44	6 53
S 3	5 13	22 22	0s27	9 15	0 4	10 7	0 17	1 13	1 2	20 4	0 5	21 43	1 34	15 26	0 26	15 40	1 36	17 17	9 47	21 7	21 24	23 9	15 43	6 54
M 4	5 36	24 34	1 30	10 8	0n 7	9 44	0 20	0 54	1 1	20 3	0 5	21 43	1 34	15 27	0 26	15 41	1 36	17 17	9 47	21 7	21 23	23 11	15 42	6 55
T 5	5 59	25 41	2 29	10 59	0 19	9 21	0 24	0 35	1 1	20 1	0 5	21 43	1 34	15 28	0 26	15 42	1 36	17 17	9 47	21 8	21 23	23 12	15 41	6 56
W 6	6 22	25 38	3 21	11 49	0 31	8 57	0 27	0 16	1 1	20 0	0 5	21 43	1 34	15 29	0 26	15 42	1 36	17 18	9 46	21 8	21 22	23 14	15 41	6 56
T 7	6 44	24 22	4 6	12 39	0 43	8 34	0 30	0n 3	1 1	19 58	0 4	21 43	1 34	15 30	0 26	15 43	1 36	17 18	9 46	21 8	21 22	23 15	15 40	6 57
F 8	7 7	21 55	4 40	13 26	0 55	8 10	0 34	0 22	1 0	19 57	0 4	21 42	1 34	15 31	0 26	15 43	1 36	17 18	9 46	21 7	21 21	23 17	15 39	6 58
S 9	7 30	18 21	5 2	14 12	1 8	7 45	0 37	0 40	1 0	19 56	0 4	21 42	1 35	15 32	0 26	15 44	1 36	17 18	9 46	21 6	21 21	23 19	15 38	6 59
S 10	7 52	13 48	5 9	14 56	1 20	7 21	0 40	0 59	1 0	19 54	0 4	21 42	1 35	15 33	0 26	15 44	1 36	17 19	9 46	21 5	21 20	23 20	15 37	6 59
M11	8 14	8 27	4 59	15 38	1 32	6 56	0 43	1 18	1 0	19 53	0 4	21 42	1 35	15 34	0 26	15 45	1 36	17 19	9 46	21 4	21 20	23 22	15 36	7 0
T 12	8 36	2 31	4 31	16 18	1 44	6 32	0 46	1 37	0 59	19 51	0 4	21 42	1 35	15 35	0 26	15 46	1 36	17 19	9 46	21 3	21 19	23 23	15 35	7 1
W13	8 58	3n41	3 46	16 55	1 55	6 6	0 49	1 56	0 59	19 50	0 4	21 42	1 35	15 36	0 26	15 46	1 36	17 20	9 46	21 1	21 19	23 25	15 35	7 2
T 14	9 20	9 49	2 45	17 30	2 6	5 41	0 52	2 15	0 59	19 49	0 4	21 42	1 35	15 37	0 26	15 47	1 36	17 20	9 45	21 1	21 18	23 26	15 34	7 2
F 15	9 42	15 30	1 33	18 2	2 16	5 16	0 54	2 33	0 58	19 48	0 4	21 42	1 35	15 38	0 26	15 47	1 36	17 20	9 45	21 0	21 18	23 28	15 33	7 3
S 16	10 3	20 16	0 14	18 31	2 25	4 50	0 57	2 52	0 58	19 46	0 4	21 42	1 35	15 39	0 26	15 48	1 36	17 20	9 45	21 0	21 17	23 29	15 32	7 4
S 17	10 25	23 44	1n 5	18 57	2 34	4 24	1 0	3 11	0 58	19 45	0 4	21 42	1 35	15 40	0 26	15 49	1 36	17 21	9 45	21 0	21 16	23 31	15 31	7 5
M18	10 46	25 36	2 19	19 20	2 42	3 58	1 2	3 29	0 57	19 44	0 3	21 42	1 35	15 41	0 26	15 49	1 36	17 21	9 45	21 0	21 16	23 33	15 31	7 5
T 19	11 7	25 44	3 24	19 40	2 49	3 32	1 5	3 48	0 57	19 43	0 3	21 42	1 35	15 42	0 26	15 50	1 36	17 21	9 45	21 0	21 15	23 34	15 30	7 6
W20	11 28	24 14	4 15	19 57	2 55	3 6	1 7	4 6	0 57	19 42	0 3	21 41	1 36	15 43	0 26	15 50	1 36	17 21	9 45	21 0	21 15	23 36	15 29	7 7
T 21	11 48	21 19	4 51	20 11	3 0	2 40	1 9	4 25	0 56	19 41	0 3	21 41	1 36	15 44	0 26	15 51	1 36	17 21	9 45	21 0	21 14	23 37	15 28	7 8
F 22	12 8	17 17	5 9	20 21	3 3	2 13	1 12	4 43	0 56	19 40	0 3	21 41	1 36	15 45	0 26	15 52	1 36	17 21	9 44	21 0	21 14	23 39	15 27	7 8
S 23	12 29	12 29	5 11	20 29	3 5	1 47	1 14	5 2	0 56	19 39	0 3	21 41	1 36	15 46	0 26	15 52	1 36	17 22	9 44	20 59	21 13	23 40	15 27	7 9
S 24	12 49	7 13	4 57	20 33	3 6	1 20	1 16	5 20	0 55	19 38	0 3	21 41	1 36	15 47	0 26	15 53	1 36	17 22	9 44	20 58	21 13	23 42	15 26	7 10
M25	13 8	1 43	4 27	20 33	3 5	0 53	1 18	5 38	0 55	19 37	0 3	21 41	1 36	15 48	0 26	15 53	1 36	17 22	9 44	20 57	21 12	23 43	15 25	7 10
T 26	13 28	3s46	3 46	20 31	3 3	0 27	1 20	5 56	0 55	19 36	0 3	21 41	1 36	15 49	0 26	15 54	1 36	17 22	9 44	20 57	21 12	23 44	15 25	7 11
W27	13 47	9 2	2 54	20 25	3 0	0n 0	1 22	6 14	0 54	19 35	0 3	21 41	1 36	15 50	0 26	15 55	1 36	17 22	9 44	20 56	21 11	23 46	15 24	7 12
T 28	14 6	13 53	1 55	20 16	2 54	0 27	1 24	6 32	0 54	19 35	0 2	21 41	1 36	15 51	0 26	15 55	1 36	17 22	9 43	20 55	21 11	23 47	15 23	7 13
F 29	14 25	18 8	0 51	20 4	2 48	0 54	1 25	6 50	0 53	19 34	0 2	21 41	1 36	15 52	0 26	15 56	1 36	17 22	9 43	20 55	21 10	23 49	15 23	7 13
S 30	14n44	21s36	0s14	19n48	2n39	1n21	1s27	7n 8	0s53	19s33	0n 2	21s41	1n36	15n53	0s26	15n56	1s36	17n22	9n43	20n55	21n 9	23s50	15s22	7n14

Julian Day Number = 2887734.5, Delta T = 01h17m57s
Ecliptic obliquity = 23°17'10, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°27'56, Lahiri = 40°34'57

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ASTRODIENST EPHEMERIS for the year 3194
geocentric

MAY 3194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 36 36	10♉59'50	18♐59	18°R 6	8♈ 1	21♈16	2♒ 4	0°R42	15♉15	19♉29	8°R23	4♊35	5♊52	18♐12	13°R55	S 1
M 2	14 40 32	11°58'43	0♋47	17♉32	9°13	22° 3	2° 7	0♋40	15°19	19°31	8♍22	4°36	5°49	18°19	13♋54	M 2
T 3	14 44 29	12°57'34	12°36	16°54	10°26	22°50	2°10	0°38	15°22	19°33	8°22	4°38	5°46	18°25	13°53	T 3
W 4	14 48 25	13°56'24	24°32	16°13	11°38	23°37	2°13	0°36	15°25	19°36	8°21	4°39	5°43	18°32	13°52	W 4
T 5	14 52 22	14°55'12	6♒37	15°30	12°51	24°23	2°16	0°33	15°29	19°38	8°21	4°40	5°40	18°39	13°51	T 5
F 6	14 56 19	15°53'58	18°58	14°47	14° 3	25°10	2°19	0°31	15°32	19°40	8°21	4°R40	5°36	18°45	13°50	F 6
S 7	15 0 15	16°52'42	1♓39	14° 4	15°16	25°56	2°21	0°28	15°36	19°42	8°20	4°40	5°33	18°52	13°49	S 7
S 8	15 4 12	17°51'25	14°42	13°21	16°28	26°43	2°24	0°26	15°39	19°45	8°20	4°38	5°30	18°59	13°47	S 8
M 9	15 8 8	18°50'06	28°12	12°40	17°41	27°30	2°26	0°23	15°43	19°47	8°20	4°37	5°27	19° 5	13°46	M 9
T 10	15 12 5	19°48'45	12♈ 9	12° 0	18°54	28°16	2°28	0°20	15°46	19°49	8°19	4°35	5°24	19°12	13°44	T 10
W11	15 16 1	20°47'23	26°31	11°24	20° 6	29° 2	2°29	0°17	15°49	19°52	8°19	4°33	5°20	19°19	13°43	W11
T 12	15 19 58	21°45'59	11♉14	10°51	21°19	29°49	2°31	0°14	15°53	19°54	8°19	4°31	5°17	19°25	13°41	T 12
F 13	15 23 54	22°44'33	26°11	10°21	22°31	0♉35	2°32	0°11	15°56	19°56	8°18	4°31	5°14	19°32	13°39	F 13
S 14	15 27 51	23°43'06	11♊14	9°56	23°44	1°22	2°33	0° 8	16° 0	19°58	8°18	4°D31	5°11	19°39	13°37	S 14
S 15	15 31 48	24°41'37	26°15	9°36	24°57	2° 8	2°34	0° 5	16° 3	20° 1	8°18	4°31	5° 8	19°45	13°36	S 15
M16	15 35 44	25°40'05	11♋ 5	9°19	26°10	2°54	2°35	0° 2	16° 7	20° 3	8°18	4°32	5° 5	19°52	13°34	M16
T 17	15 39 41	26°38'32	25°39	9° 8	27°22	3°41	2°36	29♐59	16°10	20° 5	8°18	4°33	5° 1	19°59	13°32	T 17
W18	15 43 37	27°36'56	9♌51	9° 1	28°35	4°27	2°36	29°55	16°13	20° 7	8°18	4°33	4°58	20° 5	13°29	W18
T 19	15 47 34	28°35'19	23°42	9°D 0	29°48	5°13	2°36	29°52	16°17	20°10	8°18	4°R33	4°55	20°12	13°27	T 19
F 20	15 51 30	29°33'39	7♍ 9	9° 3	1♉ 0	5°59	2°R36	29°48	16°20	20°12	8°D18	4°33	4°52	20°18	13°25	F 20
S 21	15 55 27	0♊31'57	20°16	9°11	2°13	6°45	2°36	29°45	16°23	20°14	8°18	4°33	4°49	20°25	13°22	S 21
S 22	15 59 23	1°30'14	3♎ 5	9°24	3°26	7°31	2°36	29°41	16°27	20°16	8°18	4°33	4°46	20°32	13°20	S 22
M23	16 3 20	2°28'28	15°37	9°41	4°39	8°17	2°35	29°38	16°30	20°19	8°18	4°33	4°42	20°38	13°17	M23
T 24	16 7 17	3°26'40	27°56	10° 3	5°51	9° 3	2°35	29°34	16°33	20°21	8°18	4°32	4°39	20°45	13°15	T 24
W25	16 11 13	4°24'51	10♏ 4	10°29	7° 4	9°49	2°34	29°30	16°37	20°23	8°18	4°D32	4°36	20°52	13°12	W25
T 26	16 15 10	5°23'00	22° 4	10°59	8°17	10°35	2°33	29°26	16°40	20°25	8°18	4°32	4°33	20°58	13° 9	T 26
F 27	16 19 6	6°21'07	3♐58	11°34	9°30	11°21	2°31	29°22	16°43	20°27	8°18	4°R32	4°30	21° 5	13° 7	F 27
S 28	16 23 3	7°19'12	15°48	12°12	10°42	12° 7	2°30	29°19	16°47	20°30	8°19	4°32	4°26	21°12	13° 4	S 28
S 29	16 26 59	8°17'16	27°36	12°54	11°55	12°52	2°28	29°15	16°50	20°32	8°19	4°32	4°23	21°18	13° 1	S 29
M30	16 30 56	9°15'19	9♋25	13°40	13° 8	13°38	2°26	29°11	16°53	20°34	8°19	4°32	4°20	21°25	12°58	M30
T 31	16 34 52	10♊13'20	21♋17	14♉29	14♉21	14♉24	2♒24	29♐ 6	16♉56	20♉36	8♍19	4♊31	4♊17	21♐32	12♋55	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 2	24s 8	1s19	19n31	2n30	1n48	1s29	7n26	0s53	19s32	0n 2	21s41	1n36	15n54	0s26	15n57	1s36	17n22	9n43	20n55	21n 9	23s52	15s21	7n15
M 2	15 20	25 37	2 20	19 10	2 19	2 15	1 30	7 44	0 52	19 32	0 2	21 41	1 36	15 55	0 26	15 58	1 36	17 22	9 43	20 55	21 8	23 53	15 21	7 16
T 3	15 38	25 55	3 15	18 47	2 6	2 42	1 31	8 1	0 52	19 31	0 2	21 41	1 36	15 56	0 26	15 58	1 36	17 22	9 42	20 56	21 8	23 55	15 20	7 16
W 4	15 55	25 3	4 2	18 23	1 53	3 9	1 33	8 19	0 51	19 31	0 2	21 41	1 37	15 57	0 26	15 59	1 36	17 22	9 42	20 56	21 7	23 56	15 19	7 17
T 5	16 13	23 0	4 39	17 56	1 38	3 36	1 34	8 36	0 51	19 30	0 2	21 40	1 37	15 58	0 26	15 59	1 36	17 22	9 42	20 56	21 7	23 58	15 19	7 18
F 6	16 30	19 52	5 4	17 29	1 22	4 3	1 35	8 54	0 50	19 30	0 2	21 40	1 37	15 59	0 26	16 0	1 36	17 22	9 42	20 56	21 6	23 59	15 18	7 18
S 7	16 46	15 44	5 16	17 1	1 6	4 29	1 36	9 11	0 50	19 29	0 1	21 40	1 37	16 0	0 26	16 1	1 36	17 22	9 42	20 56	21 6	24 0	15 18	7 19
S 8	17 3	10 46	5 11	16 32	0 49	4 56	1 37	9 28	0 49	19 29	0 1	21 40	1 37	16 1	0 26	16 1	1 36	17 22	9 42	20 56	21 5	24 2	15 17	7 20
M 9	17 19	5 9	4 50	16 3	0 32	5 23	1 38	9 45	0 49	19 28	0 1	21 40	1 37	16 2	0 26	16 2	1 36	17 22	9 41	20 55	21 4	24 3	15 17	7 20
T 10	17 35	0n55	4 11	15 35	0 15	5 50	1 39	10 2	0 49	19 28	0 1	21 40	1 37	16 3	0 26	16 2	1 36	17 22	9 41	20 55	21 4	24 5	15 16	7 21
W11	17 50	7 7	3 15	15 7	0s 2	6 16	1 40	10 19	0 48	19 28	0 1	21 40	1 37	16 4	0 26	16 3	1 36	17 22	9 41	20 55	21 3	24 6	15 16	7 22
T 12	18 5	13 7	2 6	14 41	0 19	6 42	1 40	10 36	0 48	19 27	0 1	21 40	1 37	16 5	0 26	16 4	1 36	17 22	9 41	20 55	21 3	24 7	15 15	7 22
F 13	18 20	18 26	0 46	14 16	0 36	7 9	1 41	10 52	0 47	19 27	0 1	21 40	1 37	16 6	0 26	16 4	1 36	17 22	9 41	20 54	21 2	24 9	15 15	7 23
S 14	18 35	22 36	0n37	13 53	0 52	7 35	1 42	11 9	0 47	19 27	0 1	21 40	1 37	16 7	0 26	16 5	1 36	17 22	9 40	20 54	21 2	24 10	15 14	7 24
S 15	18 49	25 12	1 58	13 31	1 8	8 1	1 42	11 25	0 46	19 27	0 1	21 40	1 37	16 8	0 26	16 5	1 36	17 22	9 40	20 54	21 1	24 12	15 14	7 24
M16	19 3	25 58	3 9	13 12	1 22	8 27	1 42	11 41	0 46	19 27	0 0	21 40	1 37	16 9	0 26	16 6	1 36	17 21	9 40	20 55	21 0	24 13	15 13	7 25
T 17	19 17	24 56	4 7	12 55	1 37	8 52	1 43	11 57	0 45	19 27	0 0	21 40	1 37	16 9	0 26	16 7	1 36	17 21	9 40	20 55	21 0	24 14	15 13	7 26
W18	19 30	22 18	4 49	12 40	1 50	9 18	1 43	12 13	0 45	19 27	0 0	21 40	1 37	16 10	0 26	16 7	1 36	17 21	9 40	20 55	20 59	24 16	15 12	7 26
T 19	19 43	18 26	5 12	12 28	2 3	9 43	1 43	12 29	0 44	19 27	0 0	21 40	1 37	16 11	0 26	16 8	1 36	17 21	9 39	20 55	20 59	24 17	15 12	7 27
F 20	19 56	13 44	5 17	12 18	2 14	10 8	1 43	12 45	0 44	19 27	0 0	21 40	1 37	16 12	0 26	16 8	1 36	17 21	9 39	20 55	20 58	24 18	15 12	7 27
S 21	20 8	8 31	5 6	12 10	2 25	10 33	1 43	13 0	0 43	19 27	0s 0	21 40	1 37	16 13	0 26	16 9	1 36	17 21	9 39	20 55	20 58	24 20	15 11	7 28
S 22	20 20	3 4	4 39	12 5	2 35	10 58	1 43	13 16	0 42	19 27	0 0	21 40	1 37	16 14	0 26	16 10	1 36	17 20	9 39	20 55	20 57	24 21	15 11	7 29
M23	20 31	2s25	4 0	12 2	2 44	11 22	1 43	13 31	0 42	19 28	0 0	21 40	1 37	16 15	0 26	16 10	1 36	17 20	9 39	20 55	20 57	24 22	15 11	7 29
T 24	20 43	7 43	3 10	12 1	2 52	11 47	1 42	13 46	0 41	19 28	0 0	21 40	1 37	16 16	0 26	16 11	1 36	17 20	9 38	20 55	20 56	24 24	15 10	7 30
W25	20 53	12 39	2 12	12 2	2 59	12 11	1 42	14 1	0 41	19 28	0 1	21 40	1 37	16 17	0 26	16 11	1 36	17 20	9 38	20 55	20 55	24 25	15 10	7 30
T 26	21 4	17 3	1 9	12 6	3 5	12 34	1 42	14 16	0 40	19 29	0 1	21 40	1 37	16 18	0 26	16 12	1 36	17 19	9 38	20 55	20 55	24 26	15 10	7 31
F 27	21 14	20 45	0 3	12 11	3 11	12 58	1 41	14 31	0 40	19 29	0 1	21 40	1 37	16 19	0 26	16 12	1 36	17 19	9 38	20 55	20 54	24 27	15 9	7 31
S 28	21 24	23 34	1s 2	12 18	3 15	13 21	1 41	14 45	0 39	19 29	0 1	21 40	1 37	16 20	0 26	16 13	1 36	17 19	9 38	20 55	20 54	24 29	15 9	7 32
S 29	21 33	25 20	2 5	12 27	3 19	13 44	1 40	14 59	0 39	19 30	0 1	21 40	1 37	16 21	0 26	16 14	1 36	17 19	9 37	20 55	20 53	24 30	15 9	7 32
M30	21 42	25 59	3 2	12 38	3 22	14 6	1 39	15 14	0 38	19 31	0 1	21 40	1 37	16 22	0 26	16 14	1 36	17 18	9 37	20 55	20 52	24 31	15 9	7 33
T 31	21n50	25s26	3s52	12n50	3s24	14n28	1s39	15n28	0s37	19s31	0s 1	21s40	1n37	16n23	0s26	16n15	1s36	17n18	9n37	20n54	20n52	24s33	15s 8	7n33

Julian Day Number = 2887764.5, Delta T = 01h17m58s
Ecliptic obliquity = 23°17'09, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°28'00, Lahiri = 40°35'01

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ASTRODIENST EPHEMERIS for the year 3194
geocentric

JUNE 3194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 38 49	11♊11'20	3♒16	15♉22	15♉34	15♉ 9	2°R22	29°R 2	17♉ 0	20♉38	8♍20	4°R30	4♊14	21♐38	12°R52	W 1
T 2	16 42 46	12° 9'18	15°24	16°18	16°47	15°55	2♒20	28♐58	17° 3	20°40	8°20	4♊29	4°11	21°45	12♋49	T 2
F 3	16 46 42	13° 7'16	27°45	17°17	18° 0	16°40	2°17	28°54	17° 6	20°43	8°21	4°29	4° 7	21°52	12°45	F 3
S 4	16 50 39	14° 5'11	10♓23	18°19	19°12	17°26	2°15	28°50	17° 9	20°45	8°21	4°D28	4° 4	21°58	12°42	S 4
S 5	16 54 35	15° 3'06	23°22	19°24	20°25	18°11	2°12	28°46	17°12	20°47	8°21	4°28	4° 1	22° 5	12°39	S 5
M 6	16 58 32	16° 1'00	6♈45	20°32	21°38	18°57	2° 9	28°41	17°15	20°49	8°22	4°29	3°58	22°12	12°35	M 6
T 7	17 2 28	16°58'52	20°33	21°42	22°51	19°42	2° 5	28°37	17°18	20°51	8°22	4°30	3°55	22°18	12°32	T 7
W 8	17 6 25	17°56'43	4♉48	22°56	24° 4	20°27	2° 2	28°33	17°22	20°53	8°23	4°31	3°52	22°25	12°29	W 8
T 9	17 10 21	18°54'33	19°26	24°12	25°17	21°13	1°58	28°28	17°25	20°55	8°23	4°32	3°48	22°32	12°25	T 9
F 10	17 14 18	19°52'22	4♊24	25°30	26°30	21°58	1°54	28°24	17°28	20°57	8°24	4°R32	3°45	22°38	12°22	F 10
S 11	17 18 15	20°50'10	19°34	26°51	27°43	22°43	1°50	28°19	17°31	20°59	8°25	4°32	3°42	22°45	12°18	S 11
S 12	17 22 11	21°47'57	4♋46	28°15	28°56	23°28	1°46	28°15	17°34	21° 1	8°25	4°30	3°39	22°51	12°14	S 12
M13	17 26 8	22°45'42	19°51	29°41	0♊ 9	24°13	1°42	28°11	17°37	21° 3	8°26	4°28	3°36	22°58	12°11	M13
T 14	17 30 4	23°43'26	4♌40	1♊10	1°22	24°58	1°37	28° 6	17°40	21° 5	8°27	4°26	3°32	23° 5	12° 7	T 14
W15	17 34 1	24°41'09	19° 7	2°41	2°35	25°43	1°33	28° 2	17°42	21° 7	8°27	4°24	3°29	23°11	12° 3	W15
T 16	17 37 57	25°38'50	3♍ 8	4°15	3°48	26°28	1°28	27°57	17°45	21° 9	8°28	4°21	3°26	23°18	11°59	T 16
F 17	17 41 54	26°36'29	16°42	5°51	5° 1	27°13	1°23	27°53	17°48	21°11	8°29	4°20	3°23	23°25	11°56	F 17
S 18	17 45 50	27°34'07	29°49	7°29	6°14	27°58	1°18	27°48	17°51	21°13	8°30	4°D20	3°20	23°31	11°52	S 18
S 19	17 49 47	28°31'43	12♎33	9°10	7°27	28°42	1°13	27°44	17°54	21°15	8°30	4°21	3°17	23°38	11°48	S 19
M20	17 53 44	29°29'18	24°59	10°53	8°40	29°27	1° 7	27°39	17°57	21°17	8°31	4°22	3°13	23°45	11°44	M20
T 21	17 57 40	0♋26'52	7♏ 9	12°39	9°53	0♊12	1° 2	27°35	17°59	21°19	8°32	4°24	3°10	23°51	11°40	T 21
W22	18 1 37	1°24'25	19° 8	14°26	11° 6	0°56	0°56	27°31	18° 2	21°21	8°33	4°25	3° 7	23°58	11°36	W22
T 23	18 5 33	2°21'56	1♐ 0	16°17	12°19	1°41	0°50	27°26	18° 5	21°22	8°34	4°R26	3° 4	24° 5	11°32	T 23
F 24	18 9 30	3°19'27	12°49	18° 9	13°32	2°25	0°45	27°22	18° 7	21°24	8°35	4°26	3° 1	24°11	11°28	F 24
S 25	18 13 26	4°16'56	24°37	20° 4	14°45	3° 9	0°39	27°17	18°10	21°26	8°36	4°24	2°58	24°18	11°24	S 25
S 26	18 17 23	5°14'25	6♑26	22° 2	15°58	3°54	0°32	27°13	18°13	21°28	8°37	4°21	2°54	24°25	11°20	S 26
M27	18 21 20	6°11'52	18°19	24° 1	17°11	4°38	0°26	27° 8	18°15	21°29	8°38	4°16	2°51	24°31	11°16	M27
T 28	18 25 16	7° 9'19	0♒18	26° 2	18°24	5°22	0°20	27° 4	18°18	21°31	8°39	4°11	2°48	24°38	11°12	T 28
W29	18 29 13	8° 6'45	12°25	28° 6	19°37	6° 6	0°13	27° 0	18°20	21°33	8°40	4° 5	2°45	24°45	11° 8	W29
T 30	18 33 9	9♋ 4'10	24♒41	0♋11	20♊50	6♊51	0♒ 7	26♐55	18♉23	21♉35	8♍41	3♊59	2♊42	24♐51	11♑ 4	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	21n58	23 s42	4 s31	13n 4	3 s25	14n50	1 s38	15n41	0 s37	19 s32	0 s 1	21 s40	1n37	16n24	0 s26	16n15	1 s36	17n18	9n37	20n54	20n51	24 s34	15 s 8	7n34	
T 2	22 6	20 53	5 0	13 19	3 26	15 12	1 37	15 55	0 36	19 32	0 2	21 40	1 37	16 24	0 26	16 16	1 36	17 17	9 37	20 54	20 51	24 35	15 8	7 34	
F 3	22 14	17 6	5 15	13 36	3 25	15 33	1 36	16 9	0 36	19 33	0 2	21 40	1 37	16 25	0 26	16 16	1 36	17 17	9 36	20 54	20 50	24 36	15 8	7 35	
S 4	22 21	12 30	5 16	13 54	3 24	15 53	1 35	16 22	0 35	19 34	0 2	21 40	1 37	16 26	0 26	16 17	1 36	17 17	9 36	20 54	20 50	24 38	15 8	7 35	
S 5	22 27	7 13	5 0	14 12	3 23	16 14	1 34	16 35	0 34	19 35	0 2	21 40	1 37	16 27	0 26	16 17	1 36	17 16	9 36	20 54	20 49	24 39	15 7	7 36	
M 6	22 33	1 27	4 28	14 32	3 21	16 34	1 33	16 48	0 34	19 35	0 2	21 40	1 37	16 28	0 26	16 18	1 36	17 16	9 36	20 54	20 48	24 40	15 7	7 36	
T 7	22 39	4n34	3 40	14 53	3 18	16 53	1 31	17 1	0 33	19 36	0 2	21 40	1 37	16 29	0 26	16 18	1 36	17 16	9 36	20 54	20 48	24 41	15 7	7 37	
W 8	22 45	10 34	2 37	15 15	3 14	17 13	1 30	17 13	0 33	19 37	0 2	21 40	1 37	16 30	0 26	16 19	1 36	17 15	9 35	20 54	20 47	24 43	15 7	7 37	
T 9	22 50	16 9	1 23	15 37	3 10	17 31	1 29	17 26	0 32	19 38	0 2	21 40	1 37	16 31	0 26	16 19	1 36	17 15	9 35	20 55	20 47	24 44	15 7	7 37	
F 10	22 54	20 52	0 1	16 1	3 5	17 50	1 27	17 38	0 31	19 39	0 3	21 40	1 37	16 31	0 26	16 20	1 36	17 15	9 35	20 55	20 46	24 45	15 7	7 38	
S 11	22 58	24 15	1n22	16 24	3 0	18 8	1 26	17 50	0 31	19 40	0 3	21 40	1 37	16 32	0 26	16 20	1 36	17 14	9 35	20 55	20 45	24 46	15 7	7 38	
S 12	23 2	25 52	2 40	16 48	2 54	18 25	1 24	18 2	0 30	19 41	0 3	21 40	1 37	16 33	0 26	16 21	1 36	17 14	9 35	20 54	20 45	24 47	15 7	7 39	
M13	23 5	25 32	3 45	17 13	2 48	18 42	1 23	18 14	0 29	19 42	0 3	21 40	1 37	16 34	0 26	16 21	1 36	17 13	9 34	20 54	20 44	24 49	15 7	7 39	
T 14	23 8	23 24	4 34	17 38	2 41	18 58	1 21	18 25	0 29	19 43	0 3	21 39	1 37	16 35	0 26	16 22	1 36	17 13	9 34	20 54	20 44	24 50	15 7	7 39	
W15	23 11	19 49	5 4	18 3	2 34	19 14	1 20	18 37	0 28	19 44	0 3	21 39	1 37	16 35	0 26	16 22	1 36	17 12	9 34	20 53	20 43	24 51	15 7	7 40	
T 16	23 13	15 12	5 15	18 28	2 26	19 30	1 18	18 48	0 27	19 46	0 3	21 39	1 37	16 36	0 26	16 23	1 36	17 12	9 34	20 53	20 42	24 52	15 7	7 40	
F 17	23 15	9 57	5 8	18 53	2 18	19 45	1 16	18 59	0 27	19 47	0 4	21 39	1 37	16 37	0 26	16 23	1 36	17 11	9 34	20 52	20 42	24 53	15 7	7 40	
S 18	23 16	4 26	4 45	19 18	2 9	19 59	1 14	19 9	0 26	19 48	0 4	21 39	1 37	16 38	0 26	16 24	1 36	17 11	9 33	20 52	20 41	24 54	15 7	7 40	
S 19	23 17	1 s 7	4 8	19 42	2 0	20 13	1 13	19 20	0 26	19 49	0 4	21 39	1 37	16 39	0 26	16 24	1 36	17 10	9 33	20 53	20 41	24 56	15 7	7 41	
M20	23 17	6 30	3 20	20 7	1 50	20 27	1 11	19 30	0 25	19 51	0 4	21 39	1 36	16 39	0 26	16 25	1 37	17 10	9 33	20 53	20 40	24 57	15 7	7 41	
T 21	23 17	11 32	2 25	20 30	1 41	20 39	1 9	19 40	0 24	19 52	0 4	21 39	1 36	16 40	0 26	16 25	1 37	17 10	9 33	20 53	20 39	24 58	15 7	7 41	
W22	23 17	16 4	1 23	20 53	1 30	20 52	1 7	19 50	0 23	19 53	0 4	21 39	1 36	16 41	0 26	16 26	1 37	17 9	9 33	20 53	20 39	24 59	15 7	7 41	
T 23	23 16	19 55	0 19	21 15	1 20	21 3	1 5	20 0	0 23	19 55	0 4	21 39	1 36	16 42	0 26	16 26	1 37	17 8	9 32	20 54	20 38	25 0	15 7	7 42	
F 24	23 15	22 57	0 s46	21 37	1 9	21 14	1 3	20 9	0 22	19 56	0 4	21 39	1 36	16 42	0 26	16 26	1 37	17 8	9 32	20 53	20 38	25 1	15 7	7 42	
S 25	23 13	24 59	1 48	21 57	0 59	21 25	1 1	20 18	0 21	19 58	0 5	21 39	1 36	16 43	0 26	16 27	1 37	17 7	9 32	20 53	20 37	25 2	15 8	7 42	
S 26	23 11	25 54	2 46	22 15	0 48	21 35	0 58	20 27	0 21	19 59	0 5	21 39	1 36	16 44	0 26	16 27	1 37	17 7	9 32	20 53	20 36	25 3	15 8	7 42	
M27	23 8	25 38	3 37	22 32	0 37	21 44	0 56	20 36	0 20	20 0	0 5	21 39	1 36	16 44	0 26	16 28	1 37	17 6	9 32	20 52	20 36	25 5	15 8	7 42	
T 28	23 6	24 10	4 19	22 48	0 26	21 53	0 54	20 45	0 19	20 2	0 5	21 39	1 36	16 45	0 26	16 28	1 37	17 6	9 32	20 51	20 35	25 6	15 8	7 43	
W29	23 2	21 36	4 49	23 2	0 15	22 1	0 52	20 53	0 19	20 4	0 5	21 39	1 36	16 46	0 26	16 28	1 37	17 5	9 31	20 50	20 35	25 7	15 8	7 43	
T 30	22n59	18 s 2	5 s 7	23n14	0 s 4	22n 9	0 s50	21n 1	0 s18	20 s 5	0 s 5	21 s39	1n36	16n46	0 s26	16n29	1 s37	17n 5	9n31	20n49	20n34	25 s 8	15 s 8	7n43	

Julian Day Number = 2887795.5, Delta T = 01h17m58s
Ecliptic obliquity = 23°17'09, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°28'05, Lahiri = 40°35'05

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ASTRODIENST EPHEMERIS for the year 3194
geocentric

JULY 3194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 37 6	10♋ 1'35	7♓ 8	2♋18	22♊ 3	7♊35	29°R59	26°R51	18♉25	21♉36	8♍42	3°R55	2♊38	24♐58	11°R 0	F 1
S 2	18 41 2	10°58'59	19°50	4°26	23°16	8°19	29♑53	26♐47	18°28	21°38	8°43	3♊51	2°35	25° 5	10♑56	S 2
S 3	18 44 59	11°56'23	2♈48	6°36	24°30	9° 3	29°46	26°43	18°30	21°39	8°44	3°49	2°32	25°11	10°52	S 3
M 4	18 48 55	12°53'46	16° 6	8°46	25°43	9°46	29°39	26°38	18°32	21°41	8°45	3°D49	2°29	25°18	10°48	M 4
T 5	18 52 52	13°51'08	29°45	10°58	26°56	10°30	29°32	26°34	18°35	21°43	8°47	3°50	2°26	25°25	10°44	T 5
W 6	18 56 49	14°48'31	13♉48	13°10	28° 9	11°14	29°25	26°30	18°37	21°44	8°48	3°51	2°23	25°31	10°40	W 6
T 7	19 0 45	15°45'53	28°13	15°22	29°22	11°58	29°18	26°26	18°39	21°46	8°49	3°R52	2°19	25°38	10°36	T 7
F 8	19 4 42	16°43'15	12♊58	17°34	0♋36	12°41	29°10	26°22	18°41	21°47	8°50	3°52	2°16	25°45	10°32	F 8
S 9	19 8 38	17°40'37	27°58	19°45	1°49	13°25	29° 3	26°18	18°43	21°49	8°52	3°50	2°13	25°51	10°28	S 9
S 10	19 12 35	18°37'58	13♋ 6	21°56	3° 2	14° 9	28°56	26°14	18°45	21°50	8°53	3°46	2°10	25°58	10°24	S 10
M11	19 16 31	19°35'19	28°12	24° 6	4°15	14°52	28°48	26°10	18°47	21°51	8°54	3°40	2° 7	26° 4	10°20	M11
T 12	19 20 28	20°32'39	13♌ 6	26°15	5°29	15°35	28°41	26° 6	18°50	21°53	8°56	3°33	2° 4	26°11	10°16	T 12
W13	19 24 24	21°29'59	27°40	28°23	6°42	16°19	28°33	26° 2	18°51	21°54	8°57	3°26	2° 0	26°18	10°12	W13
T 14	19 28 21	22°27'18	11♍49	0♌30	7°55	17° 2	28°26	25°59	18°53	21°56	8°58	3°19	1°57	26°24	10° 8	T 14
F 15	19 32 18	23°24'36	25°29	2°34	9° 9	17°45	28°18	25°55	18°55	21°57	9° 0	3°14	1°54	26°31	10° 4	F 15
S 16	19 36 14	24°21'54	8♎40	4°37	10°22	18°28	28°10	25°51	18°57	21°58	9° 1	3°11	1°51	26°38	10° 1	S 16
S 17	19 40 11	25°19'11	21°26	6°39	11°35	19°12	28° 3	25°48	18°59	21°59	9° 3	3°D10	1°48	26°44	9°57	S 17
M18	19 44 7	26°16'28	3♏51	8°38	12°49	19°55	27°55	25°44	19° 1	22° 1	9° 4	3°10	1°44	26°51	9°53	M18
T 19	19 48 4	27°13'44	15°59	10°35	14° 2	20°38	27°47	25°41	19° 3	22° 2	9° 6	3°11	1°41	26°58	9°49	T 19
W20	19 52 0	28°11'00	27°55	12°31	15°15	21°20	27°40	25°37	19° 4	22° 3	9° 7	3°R12	1°38	27° 4	9°46	W20
T 21	19 55 57	29° 8'15	9♐44	14°24	16°29	22° 3	27°32	25°34	19° 6	22° 4	9° 9	3°12	1°35	27°11	9°42	T 21
F 22	19 59 53	0♌ 5'30	21°31	16°16	17°42	22°46	27°24	25°31	19° 8	22° 5	9°10	3°10	1°32	27°18	9°38	F 22
S 23	20 3 50	1° 2'45	3♑20	18° 5	18°56	23°29	27°16	25°27	19° 9	22° 6	9°12	3° 6	1°29	27°24	9°35	S 23
S 24	20 7 47	1°59'59	15°14	19°52	20° 9	24°11	27° 9	25°24	19°11	22° 7	9°13	2°59	1°25	27°31	9°31	S 24
M25	20 11 43	2°57'14	27°14	21°37	21°23	24°54	27° 1	25°21	19°12	22° 8	9°15	2°51	1°22	27°38	9°28	M25
T 26	20 15 40	3°54'28	9♒24	23°20	22°36	25°36	26°54	25°18	19°14	22° 9	9°16	2°40	1°19	27°44	9°24	T 26
W27	20 19 36	4°51'42	21°43	25° 1	23°50	26°19	26°46	25°15	19°15	22°10	9°18	2°29	1°16	27°51	9°21	W27
T 28	20 23 33	5°48'57	4♓12	26°40	25° 3	27° 1	26°38	25°12	19°16	22°11	9°20	2°19	1°13	27°58	9°17	T 28
F 29	20 27 29	6°46'12	16°53	28°17	26°17	27°44	26°31	25°10	19°18	22°12	9°21	2° 9	1°10	28° 4	9°14	F 29
S 30	20 31 26	7°43'26	29°46	29°52	27°30	28°26	26°24	25° 7	19°19	22°13	9°23	2° 1	1° 6	28°11	9°11	S 30
S 31	20 35 22	8♌40'42	12♈52	1♍25	28♋44	29♊ 8	26♑16	25♐ 4	19♉20	22♉14	9♍25	1♊56	1♊ 3	28♐18	9♑ 8	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n55	13s39	5s11	23n23	0n 7	22n16	0s47	21n 9	0s17	20s 7	0s 5	21s39	1n35	16n47	0s26	16n29	1s37	17n 4	9n31	20n48	20n33	25s 9	15s 9	7n43
S 2	22 50	8 36	4 59	23 31	0 18	22 22	0 45	21 17	0 17	20 8	0 6	21 40	1 35	16 48	0 26	16 30	1 37	17 4	9 31	20 47	20 33	25 10	15 9	7 43
S 3	22 45	3 4	4 33	23 36	0 28	22 28	0 43	21 24	0 16	20 10	0 6	21 40	1 35	16 48	0 26	16 30	1 37	17 3	9 31	20 47	20 32	25 11	15 9	7 43
M 4	22 40	2n44	3 51	23 38	0 38	22 33	0 40	21 31	0 15	20 11	0 6	21 40	1 35	16 49	0 26	16 30	1 37	17 2	9 31	20 47	20 31	25 12	15 9	7 43
T 5	22 34	8 35	2 55	23 38	0 48	22 37	0 38	21 39	0 14	20 13	0 6	21 40	1 35	16 50	0 26	16 31	1 37	17 2	9 31	20 47	20 31	25 13	15 10	7 43
W 6	22 28	14 11	1 47	23 35	0 57	22 41	0 35	21 45	0 14	20 15	0 6	21 40	1 35	16 50	0 26	16 31	1 37	17 1	9 30	20 47	20 30	25 14	15 10	7 43
T 7	22 22	19 8	0 31	23 29	1 5	22 44	0 33	21 52	0 13	20 16	0 6	21 40	1 35	16 51	0 26	16 31	1 37	17 1	9 30	20 47	20 30	25 15	15 10	7 43
F 8	22 15	23 1	0n49	23 21	1 13	22 46	0 31	21 58	0 12	20 18	0 6	21 40	1 35	16 51	0 26	16 32	1 37	17 0	9 30	20 47	20 29	25 16	15 10	7 43
S 9	22 8	25 23	2 7	23 10	1 20	22 48	0 28	22 4	0 11	20 19	0 7	21 40	1 34	16 52	0 26	16 32	1 37	16 59	9 30	20 47	20 28	25 17	15 11	7 43
S 10	22 0	25 54	3 16	22 56	1 27	22 49	0 26	22 10	0 11	20 21	0 7	21 40	1 34	16 53	0 26	16 32	1 37	16 59	9 30	20 46	20 28	25 18	15 11	7 43
M11	21 52	24 30	4 11	22 40	1 33	22 50	0 23	22 16	0 10	20 23	0 7	21 40	1 34	16 53	0 26	16 33	1 37	16 58	9 30	20 45	20 27	25 19	15 11	7 43
T 12	21 44	21 23	4 49	22 22	1 38	22 50	0 21	22 22	0 9	20 24	0 7	21 40	1 34	16 54	0 26	16 33	1 37	16 57	9 30	20 44	20 26	25 20	15 12	7 43
W13	21 35	17 0	5 6	22 1	1 42	22 49	0 18	22 27	0 9	20 26	0 7	21 40	1 34	16 54	0 26	16 33	1 37	16 57	9 29	20 42	20 26	25 21	15 12	7 43
T 14	21 26	11 47	5 5	21 38	1 45	22 47	0 16	22 32	0 8	20 28	0 7	21 40	1 34	16 55	0 26	16 34	1 38	16 56	9 29	20 41	20 25	25 22	15 12	7 43
F 15	21 16	6 9	4 45	21 13	1 48	22 45	0 13	22 37	0 7	20 29	0 7	21 40	1 34	16 55	0 26	16 34	1 38	16 56	9 29	20 40	20 25	25 23	15 13	7 43
S 16	21 6	0 26	4 11	20 46	1 50	22 42	0 11	22 41	0 6	20 31	0 8	21 40	1 33	16 56	0 26	16 34	1 38	16 55	9 29	20 40	20 24	25 24	15 13	7 43
S 17	20 56	5s 8	3 26	20 18	1 51	22 39	0 8	22 45	0 6	20 33	0 8	21 40	1 33	16 56	0 26	16 34	1 38	16 54	9 29	20 39	20 23	25 25	15 14	7 43
M18	20 46	10 21	2 31	19 47	1 52	22 35	0 6	22 50	0 5	20 34	0 8	21 40	1 33	16 57	0 26	16 35	1 38	16 54	9 29	20 39	20 23	25 26	15 14	7 42
T 19	20 35	15 3	1 31	19 16	1 52	22 30	0 3	22 53	0 4	20 36	0 8	21 40	1 33	16 57	0 26	16 35	1 38	16 53	9 29	20 40	20 22	25 27	15 14	7 42
W20	20 24	19 6	0 28	18 43	1 51	22 24	0 1	22 57	0 3	20 38	0 8	21 40	1 33	16 58	0 26	16 35	1 38	16 52	9 29	20 40	20 21	25 28	15 15	7 42
T 21	20 12	22 21	0s35	18 9	1 49	22 18	0n 2	23 0	0 3	20 39	0 8	21 40	1 33	16 58	0 26	16 35	1 38	16 52	9 28	20 40	20 21	25 29	15 15	7 42
F 22	20 0	24 38	1 37	17 34	1 47	22 11	0 4	23 4	0 2	20 41	0 8	21 40	1 33	16 58	0 26	16 36	1 38	16 51	9 28	20 39	20 20	25 30	15 16	7 42
S 23	19 48	25 49	2 34	16 58	1 44	22 4	0 6	23 7	0 1	20 43	0 8	21 40	1 32	16 59	0 26	16 36	1 38	16 50	9 28	20 39	20 19	25 31	15 16	7 42
S 24	19 35	25 49	3 25	16 21	1 41	21 56	0 9	23 9	0 0	20 44	0 9	21 40	1 32	16 59	0 26	16 36	1 38	16 50	9 28	20 37	20 19	25 32	15 17	7 41
M25	19 22	24 37	4 8	15 44	1 36	21 47	0 11	23 12	0n 1	20 46	0 9	21 40	1 32	17 0	0 26	16 36	1 38	16 49	9 28	20 36	20 18	25 33	15 17	7 41
T 26	19 9	22 16	4 39	15 6	1 32	21 38	0 14	23 14	0 1	20 47	0 9	21 40	1 32	17 0	0 26	16 37	1 38	16 48	9 28	20 34	20 18	25 34	15 17	7 41
W27	18 56	18 53	4 58	14 27	1 26	21 28	0 16	23 16	0 2	20 49	0 9	21 40	1 32	17 0	0 26	16 37	1 38	16 47	9 28	20 32	20 17	25 35	15 18	7 41
T 28	18 42	14 37	5 3	13 49	1 21	21 17	0 19	23 18	0 3	20 50	0 9	21 41	1 32	17 1	0 26	16 37	1 38	16 47	9 28	20 29	20 16	25 35	15 18	7 40
F 29	18 28	9 39	4 53	13 9	1 14	21 6	0 21	23 20	0 4	20 52	0 9	21 41	1 31	17 1	0 26	16 37	1 38	16 46	9 28	20 28	20 16	25 36	15 19	7 40
S 30	18 13	4 13	4 29	12 30	1 8	20 54	0 23	23 21	0 4	20 54	0 9	21 41	1 31	17 1	0 26	16 37	1 38	16 45	9 28	20 26	20 15	25 37	15 19	7 40
S 31	17n59	1n31	3s50	11n51	1n 0	20n42	0n26	23n22	0n 5	20s55	0s 9	21s41	1n31	17n 2	0s26	16n37	1s38	16n45	9n28	20n25	20n14	25s38	15s20	7n40

Julian Day Number = 2887825.5, Delta T = 01h17m59s
Ecliptic obliquity = 23°17'09, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°28'09, Lahiri = 40°35'09

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ASTRODIENST EPHEMERIS for the year 3194
geocentric

AUGUST 3194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 39 19	9♌37'57	26♈12	2♍55	29♋57	29♊50	26°R 9	25°R 2	19♉21	22♉15	9♍26	1°R54	1♊ 0	28♐24	9°R 4	M 1
T 2	20 43 16	10°35'13	9♉48	4°24	1♌11	0♋32	26♑ 2	24♐59	19°22	22°15	9°28	1°D53	0°57	28°31	9♑ 1	T 2
W 3	20 47 12	11°32'30	23°42	5°50	2°24	1°14	25°54	24°57	19°23	22°16	9°30	1♊53	0°54	28°38	8°58	W 3
T 4	20 51 9	12°29'48	7♊53	7°15	3°38	1°56	25°47	24°55	19°24	22°17	9°31	1°R53	0°50	28°44	8°55	T 4
F 5	20 55 5	13°27'06	22°21	8°37	4°52	2°38	25°40	24°52	19°25	22°18	9°33	1°52	0°47	28°51	8°52	F 5
S 6	20 59 2	14°24'24	7♋ 3	9°56	6° 6	3°20	25°33	24°50	19°26	22°18	9°35	1°48	0°44	28°58	8°49	S 6
S 7	21 2 58	15°21'43	21°53	11°14	7°19	4° 2	25°26	24°48	19°27	22°19	9°37	1°42	0°41	29° 4	8°47	S 7
M 8	21 6 55	16°19'03	6♌44	12°29	8°33	4°43	25°20	24°46	19°28	22°19	9°38	1°33	0°38	29°11	8°44	M 8
T 9	21 10 52	17°16'23	21°28	13°42	9°47	5°25	25°13	24°44	19°29	22°20	9°40	1°23	0°35	29°18	8°41	T 9
W10	21 14 48	18°13'44	5♍57	14°52	11° 0	6° 6	25° 6	24°43	19°30	22°20	9°42	1°12	0°31	29°24	8°39	W10
T 11	21 18 45	19°11'04	20° 3	16° 0	12°14	6°48	25° 0	24°41	19°30	22°21	9°44	1° 1	0°28	29°31	8°36	T 11
F 12	21 22 41	20° 8'25	3♎43	17° 6	13°28	7°29	24°54	24°39	19°31	22°21	9°46	0°53	0°25	29°38	8°34	F 12
S 13	21 26 38	21° 5'47	16°57	18° 8	14°42	8°10	24°47	24°38	19°31	22°22	9°47	0°47	0°22	29°44	8°31	S 13
S 14	21 30 34	22° 3'08	29°45	19° 8	15°56	8°52	24°41	24°36	19°32	22°22	9°49	0°43	0°19	29°51	8°29	S 14
M15	21 34 31	23° 0'30	12♏11	20° 5	17° 9	9°33	24°35	24°35	19°32	22°23	9°51	0°41	0°16	29°58	8°27	M15
T 16	21 38 27	23°57'53	24°19	20°59	18°23	10°14	24°29	24°34	19°33	22°23	9°53	0°41	0°12	0♑ 4	8°25	T 16
W17	21 42 24	24°55'16	6♐16	21°50	19°37	10°55	24°24	24°33	19°33	22°23	9°55	0°41	0° 9	0°11	8°22	W17
T 18	21 46 21	25°52'39	18° 5	22°37	20°51	11°36	24°18	24°32	19°34	22°23	9°57	0°40	0° 6	0°18	8°20	T 18
F 19	21 50 17	26°50'03	29°54	23°21	22° 5	12°17	24°13	24°31	19°34	22°24	9°58	0°38	0° 3	0°24	8°19	F 19
S 20	21 54 14	27°47'28	11♑46	24° 1	23°19	12°57	24° 7	24°30	19°34	22°24	10° 0	0°32	29♉59	0°31	8°17	S 20
S 21	21 58 10	28°44'53	23°44	24°38	24°33	13°38	24° 2	24°29	19°34	22°24	10° 2	0°25	29°56	0°38	8°15	S 21
M22	22 2 7	29°42'18	5♒53	25°10	25°47	14°19	23°57	24°29	19°35	22°24	10° 4	0°14	29°53	0°44	8°13	M22
T 23	22 6 3	0♍39'44	18°14	25°39	27° 1	14°59	23°52	24°28	19°35	22°24	10° 6	0° 2	29°50	0°51	8°12	T 23
W24	22 10 0	1°37'12	0♓49	26° 3	28°15	15°40	23°48	24°28	19°35	22°24	10° 8	29♉49	29°47	0°58	8°10	W24
T 25	22 13 56	2°34'39	13°36	26°22	29°29	16°20	23°43	24°27	19°R35	22°R24	10°10	29°36	29°44	1° 4	8° 9	T 25
F 26	22 17 53	3°32'08	26°36	26°37	0♍43	17° 1	23°39	24°27	19°35	22°24	10°12	29°25	29°41	1°11	8° 7	F 26
S 27	22 21 49	4°29'38	9♈48	26°47	1°57	17°41	23°34	24°27	19°35	22°24	10°13	29°16	29°37	1°18	8° 6	S 27
S 28	22 25 46	5°27'09	23°10	26°R52	3°11	18°21	23°30	24°D27	19°34	22°24	10°15	29° 9	29°34	1°24	8° 5	S 28
M29	22 29 43	6°24'41	6♉43	26°51	4°25	19° 1	23°26	24°27	19°34	22°24	10°17	29° 6	29°31	1°31	8° 3	M29
T 30	22 33 39	7°22'15	20°26	26°45	5°39	19°41	23°23	24°27	19°34	22°24	10°19	29° 5	29°28	1°38	8° 2	T 30
W31	22 37 36	8♍19'50	4♊20	26♍34	6♍53	20♋21	23♑19	24♐27	19♉34	22♉24	10♍21	29♉ 5	29♉25	1♑44	8♑ 1	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n44	7n17	2s58	11n11	0n53	20n29	0n28	23n23	0n 6	20s57	0s10	21s41	1n31	17n 2	0s26	16n38	1s38	16n44	9n28	20n24	20n14	25s39	15s20	7n39
T 2	17 28	12 51	1 55	10 32	0 45	20 15	0 30	23 24	0 7	20 58	0 10	21 41	1 31	17 2	0 26	16 38	1 38	16 43	9 28	20 24	20 13	25 40	15 21	7 39
W 3	17 13	17 53	0 43	9 52	0 36	20 1	0 32	23 24	0 8	20 59	0 10	21 41	1 30	17 3	0 26	16 38	1 39	16 43	9 27	20 24	20 12	25 41	15 21	7 39
T 4	16 57	22 0	0n32	9 13	0 27	19 47	0 35	23 25	0 8	21 1	0 10	21 41	1 30	17 3	0 26	16 38	1 39	16 42	9 27	20 24	20 12	25 42	15 22	7 38
F 5	16 41	24 50	1 46	8 34	0 18	19 31	0 37	23 25	0 9	21 2	0 10	21 41	1 30	17 3	0 26	16 38	1 39	16 41	9 27	20 24	20 11	25 42	15 22	7 38
S 6	16 24	26 1	2 55	7 55	0 8	19 15	0 39	23 25	0 10	21 4	0 10	21 41	1 30	17 3	0 26	16 38	1 39	16 40	9 27	20 23	20 10	25 43	15 23	7 38
S 7	16 8	25 21	3 52	7 17	0s 1	18 59	0 41	23 24	0 11	21 5	0 10	21 41	1 30	17 4	0 26	16 38	1 39	16 40	9 27	20 22	20 10	25 44	15 23	7 37
M 8	15 51	22 53	4 34	6 39	0 12	18 42	0 43	23 24	0 12	21 6	0 10	21 42	1 30	17 4	0 26	16 38	1 39	16 39	9 27	20 20	20 9	25 45	15 24	7 37
T 9	15 34	18 56	4 57	6 2	0 22	18 25	0 45	23 23	0 12	21 8	0 11	21 42	1 29	17 4	0 26	16 38	1 39	16 38	9 27	20 18	20 8	25 46	15 25	7 37
W10	15 16	13 56	5 0	5 25	0 33	18 7	0 47	23 22	0 13	21 9	0 11	21 42	1 29	17 4	0 26	16 39	1 39	16 38	9 27	20 16	20 8	25 47	15 25	7 36
T 11	14 58	8 17	4 45	4 48	0 44	17 48	0 49	23 21	0 14	21 10	0 11	21 42	1 29	17 4	0 26	16 39	1 39	16 37	9 27	20 14	20 7	25 47	15 26	7 36
F 12	14 41	2 25	4 14	4 13	0 55	17 29	0 51	23 19	0 15	21 12	0 11	21 42	1 29	17 4	0 26	16 39	1 39	16 36	9 27	20 12	20 6	25 48	15 26	7 35
S 13	14 23	3s23	3 30	3 38	1 7	17 10	0 53	23 18	0 16	21 13	0 11	21 42	1 29	17 5	0 26	16 39	1 39	16 36	9 27	20 11	20 6	25 49	15 27	7 35
S 14	14 4	8 52	2 36	3 4	1 18	16 50	0 55	23 16	0 16	21 14	0 11	21 42	1 28	17 5	0 26	16 39	1 39	16 35	9 27	20 10	20 5	25 50	15 27	7 34
M15	13 46	13 52	1 36	2 31	1 30	16 29	0 56	23 14	0 17	21 15	0 11	21 43	1 28	17 5	0 26	16 39	1 39	16 34	9 27	20 10	20 4	25 50	15 28	7 34
T 16	13 27	18 11	0 34	1 59	1 42	16 9	0 58	23 12	0 18	21 16	0 11	21 43	1 28	17 5	0 26	16 39	1 39	16 33	9 27	20 10	20 4	25 51	15 29	7 34
W17	13 8	21 42	0s30	1 28	1 54	15 47	1 0	23 9	0 19	21 17	0 11	21 43	1 28	17 5	0 26	16 39	1 39	16 33	9 27	20 10	20 3	25 52	15 29	7 33
T 18	12 49	24 16	1 31	0 59	2 6	15 26	1 2	23 7	0 20	21 18	0 12	21 43	1 28	17 5	0 26	16 39	1 39	16 32	9 27	20 10	20 3	25 53	15 30	7 33
F 19	12 29	25 45	2 28	0 30	2 18	15 3	1 3	23 4	0 20	21 20	0 12	21 43	1 27	17 5	0 26	16 39	1 39	16 31	9 27	20 9	20 2	25 53	15 30	7 32
S 20	12 10	26 4	3 19	0 3	2 31	14 41	1 5	23 1	0 21	21 21	0 12	21 43	1 27	17 5	0 26	16 39	1 40	16 31	9 27	20 8	20 1	25 54	15 31	7 32
S 21	11 50	25 11	4 2	0s22	2 43	14 18	1 6	22 58	0 22	21 22	0 12	21 43	1 27	17 5	0 26	16 39	1 40	16 30	9 27	20 6	20 0	25 55	15 31	7 31
M22	11 30	23 6	4 34	0 46	2 55	13 54	1 8	22 54	0 23	21 23	0 12	21 44	1 27	17 5	0 27	16 39	1 40	16 29	9 27	20 4	20 0	25 56	15 32	7 31
T 23	11 10	19 55	4 54	1 8	3 6	13 31	1 9	22 51	0 24	21 23	0 12	21 44	1 27	17 5	0 27	16 39	1 40	16 29	9 27	20 2	19 59	25 56	15 33	7 30
W24	10 50	15 47	5 0	1 28	3 18	13 7	1 10	22 47	0 25	21 24	0 12	21 44	1 26	17 5	0 27	16 39	1 40	16 28	9 27	19 59	19 58	25 57	15 33	7 30
T 25	10 29	10 54	4 51	1 46	3 29	12 42	1 12	22 43	0 25	21 25	0 12	21 44	1 26	17 5	0 27	16 39	1 40	16 27	9 27	19 56	19 58	25 58	15 34	7 29
F 26	10 9	5 26	4 27	2 2	3 40	12 17	1 13	22 39	0 26	21 26	0 12	21 44	1 26	17 5	0 27	16 39	1 40	16 26	9 27	19 54	19 57	25 59	15 34	7 29
S 27	9 48	0n20	3 49	2 16	3 51	11 52	1 14	22 34	0 27	21 27	0 12	21 45	1 26	17 5	0 27	16 39	1 40	16 26	9 27	19 52	19 56	25 59	15 35	7 28
S 28	9 27	6 12	2 58	2 27	4 1	11 27	1 15	22 30	0 28	21 28	0 13	21 45	1 25	17 5	0 27	16 39	1 40	16 25	9 27	19 50	19 56	26 0	15 36	7 28
M29	9 6	11 51	1 55	2 35	4 10	11 1	1 16	22 25	0 29	21 28	0 13	21 45	1 25	17 5	0 27	16 38	1 40	16 24	9 27	19 50	19 55	26 1	15 36	7 27
T 30	8 45	17 1	0 46	2 41	4 19	10 35	1 17	22 20	0 30	21 29	0 13	21 45	1 25	17 5	0 27	16 38	1 40	16 24	9 27	19 49	19 54	26 1	15 37	7 27
W31	8n24	21n20	0n28	2s44	4s27	10n 9	1n18	22n15	0n30	21s30	0s13	21s45	1n25	17n 5	0s27	16n38	1s40	16n23	9n27	19n49	19n54	26s 2	15s37	7n26

Julian Day Number = 2887856.5, Delta T = 01h18m00s
Ecliptic obliquity = 23°17'10, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°28'13, Lahiri = 40°35'14

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ASTRODIENST EPHEMERIS for the year 3194
geocentric

SEPTEMBER 3194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 41 32	9♍17'27	18♊24	26°R17	8♍ 7	21♋ 1	23°R16	24♐27	19°R33	22°R24	10♍23	29°R 4	29♉22	1♑51	8°R 1	T 1
F 2	22 45 29	10°15'05	2♋38	25♍55	9°21	21°41	23♑13	24°28	19♉33	22♉23	10°25	29♉ 3	29°18	1°58	8♑ 0	F 2
S 3	22 49 25	11°12'44	17° 0	25°27	10°35	22°21	23°10	24°28	19°33	22°23	10°27	28°59	29°15	2° 4	7°59	S 3
S 4	22 53 22	12°10'25	1♌27	24°54	11°50	23° 0	23° 7	24°29	19°32	22°23	10°29	28°53	29°12	2°11	7°58	S 4
M 5	22 57 18	13° 8'07	15°55	24°17	13° 4	23°40	23° 4	24°29	19°32	22°22	10°30	28°44	29° 9	2°18	7°58	M 5
T 6	23 1 15	14° 5'50	0♍16	23°35	14°18	24°20	23° 1	24°30	19°31	22°22	10°32	28°34	29° 6	2°24	7°57	T 6
W 7	23 5 12	15° 3'35	14°26	22°49	15°32	24°59	22°59	24°31	19°30	22°22	10°34	28°22	29° 2	2°31	7°57	W 7
T 8	23 9 8	16° 1'21	28°18	22° 0	16°46	25°38	22°57	24°32	19°30	22°21	10°36	28°12	28°59	2°38	7°57	T 8
F 9	23 13 5	16°59'08	11♎50	21° 9	18° 1	26°18	22°55	24°33	19°29	22°21	10°38	28° 3	28°56	2°44	7°57	F 9
S 10	23 17 1	17°56'56	24°58	20°16	19°15	26°57	22°53	24°34	19°28	22°20	10°40	27°56	28°53	2°51	7°56	S 10
S 11	23 20 58	18°54'46	7♏43	19°23	20°29	27°36	22°52	24°36	19°27	22°20	10°42	27°52	28°50	2°58	7°D56	S 11
M12	23 24 54	19°52'36	20° 9	18°31	21°43	28°15	22°50	24°37	19°26	22°19	10°44	27°50	28°47	3° 4	7°57	M12
T 13	23 28 51	20°50'28	2♐18	17°40	22°58	28°54	22°49	24°39	19°26	22°19	10°46	27°D50	28°43	3°11	7°57	T 13
W14	23 32 47	21°48'21	14°15	16°52	24°12	29°33	22°48	24°40	19°25	22°18	10°48	27°51	28°40	3°18	7°57	W14
T 15	23 36 44	22°46'15	26° 6	16° 8	25°26	0♌12	22°47	24°42	19°24	22°17	10°49	27°R51	28°37	3°24	7°57	T 15
F 16	23 40 41	23°44'11	7♑56	15°28	26°41	0°50	22°47	24°44	19°23	22°17	10°51	27°50	28°34	3°31	7°58	F 16
S 17	23 44 37	24°42'07	19°50	14°55	27°55	1°29	22°46	24°45	19°21	22°16	10°53	27°46	28°31	3°38	7°58	S 17
S 18	23 48 34	25°40'05	1♒52	14°28	29° 9	2° 7	22°46	24°47	19°20	22°15	10°55	27°41	28°27	3°44	7°59	S 18
M19	23 52 30	26°38'04	14° 8	14° 8	0♎24	2°46	22°D46	24°49	19°19	22°15	10°57	27°33	28°24	3°51	8° 0	M19
T 20	23 56 27	27°36'05	26°38	13°56	1°38	3°24	22°46	24°52	19°18	22°14	10°59	27°24	28°21	3°58	8° 0	T 20
W21	0 0 23	28°34'07	9♓26	13°D52	2°52	4° 2	22°47	24°54	19°17	22°13	11° 0	27°14	28°18	4° 4	8° 1	W21
T 22	0 4 20	29°32'10	22°31	13°57	4° 7	4°41	22°47	24°56	19°15	22°12	11° 2	27° 4	28°15	4°11	8° 2	T 22
F 23	0 8 16	0♎30'15	5♈52	14°10	5°21	5°19	22°48	24°59	19°14	22°11	11° 4	26°55	28°12	4°18	8° 3	F 23
S 24	0 12 13	1°28'21	19°27	14°32	6°35	5°57	22°49	25° 1	19°13	22°10	11° 6	26°48	28° 8	4°24	8° 4	S 24
S 25	0 16 10	2°26'29	3♉13	15° 3	7°50	6°35	22°50	25° 4	19°11	22° 9	11° 8	26°43	28° 5	4°31	8° 6	S 25
M26	0 20 6	3°24'39	17° 8	15°42	9° 4	7°12	22°51	25° 6	19°10	22° 8	11°10	26°41	28° 2	4°38	8° 7	M26
T 27	0 24 3	4°22'51	1♊ 9	16°29	10°19	7°50	22°53	25° 9	19° 8	22° 7	11°11	26°D41	27°59	4°44	8° 8	T 27
W28	0 27 59	5°21'05	15°15	17°24	11°33	8°28	22°54	25°12	19° 7	22° 6	11°13	26°41	27°56	4°51	8°10	W28
T 29	0 31 56	6°19'22	29°23	18°26	12°48	9° 5	22°56	25°15	19° 5	22° 5	11°15	26°42	27°53	4°58	8°11	T 29
F 30	0 35 52	7♎17'40	13♋32	19♍35	14♎ 2	9♌43	22♑58	25♐18	19♉ 4	22♉ 4	11♍17	26°R42	27♉49	5♑ 4	8♑13	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n 2	24n27	1n40	2s43	4s33	9n42	1n19	22n10	0n31	21s31	0s13	21s46	1n25	17n 5	0s27	16n38	1s40	16n22	9n28	19n49	19n53	26s 3	15s38	7n26
F 2	7 41	26 3	2 48	2 39	4 39	9 15	1 20	22 5	0 32	21 31	0 13	21 46	1 24	17 5	0 27	16 38	1 40	16 22	9 28	19 49	19 52	26 3	15 39	7 25
S 3	7 19	25 56	3 45	2 33	4 43	8 48	1 21	21 59	0 33	21 32	0 13	21 46	1 24	17 5	0 27	16 38	1 40	16 21	9 28	19 48	19 52	26 4	15 39	7 25
S 4	6 57	24 4	4 28	2 22	4 46	8 20	1 22	21 54	0 34	21 32	0 13	21 46	1 24	17 4	0 27	16 38	1 40	16 20	9 28	19 47	19 51	26 4	15 40	7 24
M 5	6 35	20 38	4 54	2 9	4 48	7 53	1 22	21 48	0 35	21 33	0 13	21 47	1 24	17 4	0 27	16 38	1 40	16 20	9 28	19 45	19 50	26 5	15 40	7 23
T 6	6 13	16 0	5 1	1 52	4 48	7 25	1 23	21 42	0 35	21 33	0 13	21 47	1 24	17 4	0 27	16 38	1 40	16 19	9 28	19 43	19 50	26 6	15 41	7 23
W 7	5 51	10 33	4 50	1 33	4 46	6 57	1 23	21 36	0 36	21 34	0 13	21 47	1 23	17 4	0 27	16 37	1 41	16 18	9 28	19 40	19 49	26 6	15 41	7 22
T 8	5 29	4 40	4 21	1 10	4 42	6 29	1 24	21 29	0 37	21 34	0 14	21 47	1 23	17 4	0 27	16 37	1 41	16 18	9 28	19 38	19 48	26 7	15 42	7 22
F 9	5 6	1s17	3 39	0 45	4 36	6 0	1 24	21 23	0 38	21 35	0 14	21 48	1 23	17 4	0 27	16 37	1 41	16 17	9 28	19 36	19 48	26 8	15 43	7 21
S 10	4 44	7 2	2 45	0 17	4 28	5 32	1 24	21 16	0 39	21 35	0 14	21 48	1 23	17 3	0 27	16 37	1 41	16 17	9 28	19 34	19 47	26 8	15 43	7 21
S 11	4 22	12 20	1 45	0n12	4 19	5 3	1 25	21 9	0 40	21 35	0 14	21 48	1 23	17 3	0 27	16 37	1 41	16 16	9 28	19 34	19 46	26 9	15 44	7 20
M12	3 59	17 1	0 41	0 43	4 8	4 34	1 25	21 3	0 41	21 36	0 14	21 48	1 22	17 3	0 27	16 36	1 41	16 15	9 29	19 33	19 46	26 9	15 44	7 19
T 13	3 36	20 53	0s24	1 14	3 55	4 5	1 25	20 56	0 41	21 36	0 14	21 49	1 22	17 3	0 27	16 36	1 41	16 15	9 29	19 33	19 45	26 10	15 45	7 19
W14	3 14	23 48	1 26	1 46	3 40	3 36	1 25	20 48	0 42	21 36	0 14	21 49	1 22	17 2	0 27	16 36	1 41	16 14	9 29	19 33	19 44	26 10	15 45	7 18
T 15	2 51	25 39	2 25	2 18	3 24	3 6	1 25	20 41	0 43	21 36	0 14	21 49	1 22	17 2	0 27	16 36	1 41	16 13	9 29	19 33	19 43	26 11	15 46	7 18
F 16	2 28	26 20	3 17	2 48	3 7	2 37	1 25	20 34	0 44	21 37	0 14	21 49	1 22	17 2	0 27	16 36	1 41	16 13	9 29	19 33	19 43	26 12	15 47	7 17
S 17	2 6	25 48	4 1	3 18	2 50	2 7	1 25	20 26	0 45	21 37	0 14	21 50	1 21	17 1	0 27	16 35	1 41	16 12	9 29	19 32	19 42	26 12	15 47	7 16
S 18	1 43	24 4	4 34	3 45	2 31	1 38	1 25	20 18	0 46	21 37	0 14	21 50	1 21	17 1	0 27	16 35	1 41	16 12	9 29	19 31	19 41	26 13	15 48	7 16
M19	1 20	21 12	4 56	4 10	2 12	1 8	1 24	20 10	0 47	21 37	0 14	21 50	1 21	17 1	0 27	16 35	1 41	16 11	9 29	19 29	19 41	26 13	15 48	7 15
T 20	0 57	17 19	5 4	4 32	1 53	0 39	1 24	20 2	0 48	21 37	0 15	21 50	1 21	17 1	0 27	16 35	1 41	16 11	9 30	19 27	19 40	26 14	15 49	7 15
W21	0 34	12 35	4 58	4 52	1 34	0 9	1 24	19 54	0 48	21 37	0 15	21 51	1 21	17 0	0 27	16 34	1 41	16 10	9 30	19 25	19 39	26 14	15 49	7 14
T 22	0 11	7 10	4 35	5 7	1 15	0s21	1 23	19 46	0 49	21 37	0 15	21 51	1 20	17 0	0 27	16 34	1 41	16 9	9 30	19 23	19 39	26 15	15 50	7 14
F 23	0s12	1 20	3 58	5 19	0 56	0 51	1 23	19 38	0 50	21 37	0 15	21 51	1 20	16 59	0 27	16 34	1 41	16 9	9 30	19 21	19 38	26 15	15 50	7 13
S 24	0 35	4n41	3 6	5 28	0 38	1 20	1 22	19 29	0 51	21 37	0 15	21 52	1 20	16 59	0 27	16 34	1 41	16 8	9 30	19 19	19 37	26 16	15 51	7 12
S 25	0 58	10 35	2 2	5 32	0 21	1 50	1 22	19 21	0 52	21 37	0 15	21 52	1 20	16 59	0 27	16 33	1 41	16 8	9 30	19 18	19 36	26 16	15 51	7 12
M26	1 21	16 2	0 51	5 32	0 5	2 20	1 21	19 12	0 53	21 37	0 15	21 52	1 20	16 58	0 27	16 33	1 41	16 7	9 31	19 17	19 36	26 17	15 52	7 11
T 27	1 44	20 39	0n24	5 28	0n11	2 50	1 20	19 4	0 54	21 36	0 15	21 53	1 19	16 58	0 27	16 33	1 42	16 7	9 31	19 17	19 35	26 17	15 52	7 11
W28	2 7	24 6	1 38	5 20	0 25	3 19	1 19	18 55	0 55	21 36	0 15	21 53	1 19	16 57	0 27	16 32	1 42	16 6	9 31	19 17	19 34	26 18	15 53	7 10
T 29	2 30	26 4	2 47	5 9	0 39	3 49	1 18	18 46	0 56	21 36	0 15	21 53	1 19	16 57	0 27	16 32	1 42	16 6	9 31	19 18	19 34	26 18	15 53	7 9
F 30	2s53	26n20	3n45	4n53	0n51	4s19	1n17	18n37	0n56	21s36	0s15	21s53	1n19	16n57	0s27	16n32	1s42	16n 5	9n31	19n18	19n33	26s18	15s54	7n 9

Julian Day Number = 2887887.5, Delta T = 01h18m00s
Ecliptic obliquity = 23°17'10, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°28'17, Lahiri = 40°35'18

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ASTRODIENST EPHEMERIS for the year 3194
geocentric

OCTOBER 3194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 39 49	8♎16'00	27♋41	20♍50	15♎16	10♌20	23♑ 0	25♐21	19°R 2	22°R 3	11♍18	26°R41	27♉46	5♑11	8♑15	S 1
S 2	0 43 45	9°14'22	11♌48	22°11	16°31	10°57	23° 3	25°24	19♉ 0	22♉ 2	11°20	26♉37	27°43	5°18	8°17	S 2
M 3	0 47 42	10°12'46	25°51	23°37	17°45	11°35	23° 5	25°28	18°59	22° 1	11°22	26°31	27°40	5°24	8°19	M 3
T 4	0 51 39	11°11'12	9♍46	25° 8	19° 0	12°12	23° 8	25°31	18°57	22° 0	11°24	26°25	27°37	5°31	8°21	T 4
W 5	0 55 35	12° 9'40	23°29	26°43	20°14	12°49	23°11	25°34	18°55	21°59	11°25	26°17	27°33	5°38	8°23	W 5
T 6	0 59 32	13° 8'10	6♎58	28°22	21°29	13°26	23°14	25°38	18°53	21°57	11°27	26°10	27°30	5°44	8°25	T 6
F 7	1 3 28	14° 6'41	20°11	0♏ 3	22°43	14° 2	23°17	25°42	18°51	21°56	11°29	26° 4	27°27	5°51	8°27	F 7
S 8	1 7 25	15° 5'15	3♏ 6	1°47	23°58	14°39	23°21	25°45	18°49	21°55	11°30	26° 0	27°24	5°58	8°29	S 8
S 9	1 11 21	16° 3'50	15°43	3°33	25°12	15°16	23°24	25°49	18°47	21°54	11°32	25°57	27°21	6° 4	8°32	S 9
M10	1 15 18	17° 2'27	28° 4	5°20	26°27	15°52	23°28	25°53	18°46	21°52	11°33	25°D57	27°18	6°11	8°34	M10
T 11	1 19 14	18° 1'06	10♐10	7° 9	27°41	16°28	23°32	25°57	18°44	21°51	11°35	25°58	27°14	6°18	8°37	T 11
W12	1 23 11	18°59'47	22° 7	8°58	28°56	17° 5	23°37	26° 1	18°42	21°50	11°37	25°59	27°11	6°24	8°40	W12
T 13	1 27 7	19°58'29	3♑58	10°48	0♏10	17°41	23°41	26° 5	18°40	21°48	11°38	26° 1	27° 8	6°31	8°42	T 13
F 14	1 31 4	20°57'13	15°48	12°38	1°25	18°17	23°45	26° 9	18°37	21°47	11°40	26°R 2	27° 5	6°38	8°45	F 14
S 15	1 35 1	21°55'58	27°42	14°28	2°39	18°53	23°50	26°13	18°35	21°46	11°41	26° 2	27° 2	6°44	8°48	S 15
S 16	1 38 57	22°54'45	9♒45	16°18	3°54	19°28	23°55	26°18	18°33	21°44	11°43	26° 1	26°59	6°51	8°51	S 16
M17	1 42 54	23°53'34	22° 2	18° 8	5° 8	20° 4	24° 0	26°22	18°31	21°43	11°44	25°58	26°55	6°58	8°54	M17
T 18	1 46 50	24°52'25	4♓37	19°57	6°23	20°40	24° 5	26°27	18°29	21°41	11°46	25°54	26°52	7° 4	8°57	T 18
W19	1 50 47	25°51'17	17°31	21°46	7°37	21°15	24°11	26°31	18°27	21°40	11°47	25°49	26°49	7°11	9° 0	W19
T 20	1 54 43	26°50'11	0♈47	23°34	8°52	21°50	24°16	26°36	18°25	21°38	11°49	25°44	26°46	7°18	9° 4	T 20
F 21	1 58 40	27°49'06	14°24	25°22	10° 7	22°26	24°22	26°41	18°22	21°37	11°50	25°40	26°43	7°24	9° 7	F 21
S 22	2 2 36	28°48'04	28°21	27° 9	11°21	23° 1	24°28	26°45	18°20	21°35	11°52	25°37	26°39	7°31	9°10	S 22
S 23	2 6 33	29°47'03	12♉32	28°55	12°36	23°36	24°34	26°50	18°18	21°34	11°53	25°35	26°36	7°38	9°14	S 23
M24	2 10 30	0♏46'05	26°54	0♏40	13°50	24°11	24°40	26°55	18°15	21°32	11°54	25°D35	26°33	7°45	9°18	M24
T 25	2 14 26	1°45'09	11♊22	2°25	15° 5	24°45	24°46	27° 0	18°13	21°31	11°56	25°35	26°30	7°51	9°21	T 25
W26	2 18 23	2°44'15	25°50	4° 9	16°19	25°20	24°53	27° 5	18°11	21°29	11°57	25°36	26°27	7°58	9°25	W26
T 27	2 22 19	3°43'23	10♋14	5°52	17°34	25°55	24°59	27°10	18° 9	21°28	11°58	25°38	26°24	8° 5	9°29	T 27
F 28	2 26 16	4°42'34	24°31	7°34	18°48	26°29	25° 6	27°15	18° 6	21°26	12° 0	25°39	26°20	8°11	9°33	F 28
S 29	2 30 12	5°41'47	8♌38	9°16	20° 3	27° 3	25°13	27°21	18° 4	21°24	12° 1	25°R39	26°17	8°18	9°37	S 29
S 30	2 34 9	6°41'02	22°34	10°56	21°17	27°37	25°20	27°26	18° 1	21°23	12° 2	25°38	26°14	8°25	9°41	S 30
M31	2 38 5	7♏40'19	6♍19	12♏36	22♏32	28♌11	25♑28	27♐31	17♉59	21♉21	12♍ 3	25♉37	26♉11	8♑31	9♑45	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s16	24n54	4n30	4n34	1n 2	4s48	1n16	18n28	0n57	21s35	0s15	21s54	1n19	16n56	0s27	16n32	1s42	16n 5	9n31	19n17	19n32	26s19	15s54	7n 8
S 2	3 38	21 54	4 58	4 11	1 12	5 17	1 15	18 18	0 58	21 35	0 15	21 54	1 18	16 56	0 27	16 31	1 42	16 4	9 32	19 16	19 31	26 19	15 55	7 8
M 3	4 1	17 39	5 8	3 45	1 21	5 47	1 14	18 9	0 59	21 35	0 15	21 54	1 18	16 55	0 27	16 31	1 42	16 4	9 32	19 15	19 31	26 20	15 55	7 7
T 4	4 24	12 29	5 0	3 16	1 28	6 16	1 13	18 0	1 0	21 34	0 15	21 55	1 18	16 55	0 27	16 31	1 42	16 3	9 32	19 14	19 30	26 20	15 56	7 7
W 5	4 47	6 46	4 34	2 45	1 35	6 45	1 12	17 50	1 1	21 34	0 16	21 55	1 18	16 54	0 27	16 30	1 42	16 3	9 32	19 12	19 29	26 21	15 56	7 6
T 6	5 9	0 50	3 54	2 11	1 40	7 14	1 10	17 40	1 2	21 33	0 16	21 55	1 18	16 54	0 27	16 30	1 42	16 2	9 32	19 10	19 29	26 21	15 57	7 5
F 7	5 32	5s 2	3 2	1 34	1 44	7 43	1 9	17 31	1 3	21 33	0 16	21 55	1 18	16 53	0 27	16 30	1 42	16 2	9 33	19 9	19 28	26 21	15 57	7 5
S 8	5 54	10 34	2 1	0 56	1 47	8 11	1 8	17 21	1 4	21 32	0 16	21 56	1 17	16 53	0 27	16 29	1 42	16 1	9 33	19 8	19 27	26 22	15 57	7 4
S 9	6 17	15 33	0 55	0 16	1 49	8 40	1 6	17 11	1 5	21 32	0 16	21 56	1 17	16 52	0 27	16 29	1 42	16 1	9 33	19 7	19 26	26 22	15 58	7 4
M10	6 39	19 47	0s12	0s25	1 51	9 8	1 5	17 1	1 6	21 31	0 16	21 56	1 17	16 52	0 27	16 28	1 42	16 1	9 33	19 7	19 26	26 23	15 58	7 3
T 11	7 1	23 6	1 17	1 7	1 51	9 36	1 3	16 51	1 7	21 31	0 16	21 57	1 17	16 51	0 27	16 28	1 42	16 0	9 34	19 7	19 25	26 23	15 59	7 3
W12	7 24	25 21	2 18	1 50	1 51	10 4	1 1	16 41	1 7	21 30	0 16	21 57	1 17	16 50	0 27	16 28	1 42	16 0	9 34	19 8	19 24	26 23	15 59	7 2
T 13	7 46	26 26	3 13	2 34	1 50	10 32	1 0	16 31	1 8	21 29	0 16	21 57	1 16	16 50	0 27	16 27	1 42	15 59	9 34	19 8	19 24	26 24	15 59	7 2
F 14	8 8	26 19	3 59	3 18	1 48	10 59	0 58	16 21	1 9	21 29	0 16	21 58	1 16	16 49	0 27	16 27	1 42	15 59	9 34	19 8	19 23	26 24	16 0	7 1
S 15	8 30	24 59	4 35	4 3	1 46	11 26	0 56	16 11	1 10	21 28	0 16	21 58	1 16	16 49	0 27	16 27	1 42	15 59	9 34	19 8	19 22	26 24	16 0	7 1
S 16	8 51	22 31	5 0	4 47	1 43	11 53	0 54	16 1	1 11	21 27	0 16	21 58	1 16	16 48	0 27	16 26	1 42	15 58	9 35	19 8	19 21	26 25	16 0	7 0
M17	9 13	18 59	5 12	5 32	1 39	12 20	0 53	15 51	1 12	21 26	0 16	21 58	1 16	16 48	0 27	16 26	1 42	15 58	9 35	19 7	19 21	26 25	16 1	6 59
T 18	9 34	14 33	5 9	6 17	1 35	12 46	0 51	15 40	1 13	21 25	0 16	21 59	1 16	16 47	0 27	16 25	1 42	15 58	9 35	19 6	19 20	26 25	16 1	6 59
W19	9 56	9 22	4 51	7 1	1 31	13 12	0 49	15 30	1 14	21 25	0 16	21 59	1 15	16 46	0 27	16 25	1 42	15 57	9 35	19 5	19 19	26 26	16 1	6 58
T 20	10 17	3 37	4 16	7 45	1 26	13 38	0 47	15 19	1 15	21 24	0 16	21 59	1 15	16 46	0 27	16 25	1 42	15 57	9 36	19 4	19 19	26 26	16 2	6 58
F 21	10 38	2n28	3 27	8 29	1 21	14 3	0 45	15 9	1 16	21 23	0 16	22 0	1 15	16 45	0 27	16 24	1 42	15 57	9 36	19 3	19 18	26 26	16 2	6 57
S 22	10 59	8 34	2 24	9 12	1 16	14 28	0 43	14 58	1 17	21 22	0 17	22 0	1 15	16 45	0 27	16 24	1 42	15 56	9 36	19 2	19 17	26 26	16 2	6 57
S 23	11 20	14 22	1 11	9 55	1 11	14 53	0 40	14 48	1 18	21 21	0 17	22 0	1 15	16 44	0 27	16 23	1 42	15 56	9 37	19 2	19 16	26 27	16 3	6 56
M24	11 40	19 28	0n 7	10 37	1 5	15 17	0 38	14 37	1 19	21 20	0 17	22 0	1 15	16 43	0 27	16 23	1 42	15 56	9 37	19 2	19 16	26 27	16 3	6 56
T 25	12 0	23 25	1 26	11 19	0 59	15 41	0 36	14 27	1 20	21 19	0 17	22 1	1 14	16 43	0 27	16 23	1 42	15 56	9 37	19 2	19 15	26 27	16 3	6 55
W26	12 21	25 52	2 39	12 0	0 52	16 4	0 34	14 16	1 21	21 17	0 17	22 1	1 14	16 42	0 27	16 22	1 42	15 55	9 37	19 2	19 14	26 27	16 3	6 55
T 27	12 41	26 35	3 42	12 40	0 46	16 27	0 32	14 5	1 22	21 16	0 17	22 1	1 14	16 41	0 27	16 22	1 42	15 55	9 38	19 3	19 13	26 28	16 4	6 54
F 28	13 1	25 31	4 30	13 19	0 40	16 50	0 29	13 55	1 23	21 15	0 17	22 1	1 14	16 41	0 27	16 21	1 42	15 55	9 38	19 3	19 13	26 28	16 4	6 54
S 29	13 20	22 50	5 2	13 58	0 33	17 12	0 27	13 44	1 24	21 14	0 17	22 2	1 14	16 40	0 27	16 21	1 43	15 55	9 38	19 3	19 12	26 28	16 4	6 53
S 30	13 40	18 52	5 15	14 36	0 26	17 34	0 25	13 33	1 25	21 13	0 17	22 2	1 14	16 39	0 27	16 20	1 43	15 54	9 39	19 3	19 11	26 28	16 4	6 53
M31	13s59	13n56	5n10	15s13	0n19	17s56	0n22	13n22	1n26	21s11	0s17	22s 2	1n14	16n39	0s27	16n20	1s43	15n54	9n39	19n 2	19n10	26s29	16s 4	6n53

Julian Day Number = 2887917.5, Delta T = 01h18m01s
Ecliptic obliquity = 23°17'11, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°28'22, Lahiri = 40°35'22

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ASTRODIENST EPHEMERIS for the year 3194
geocentric

NOVEMBER 3194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 42 2	8♏39'39	19♍50	14♏16	23♏46	28♌45	25♑35	27♐37	17°R57	21°R20	12♍ 5	25°R35	26♉ 8	8♑38	9♑49	T 1
W 2	2 45 59	9°39'00	3♎ 7	15°54	25° 1	29°19	25°42	27°42	17♉54	21♉18	12° 6	25♉32	26° 5	8°45	9°53	W 2
T 3	2 49 55	10°38'24	16°12	17°32	26°16	29°52	25°50	27°48	17°52	21°16	12° 7	25°30	26° 1	8°51	9°57	T 3
F 4	2 53 52	11°37'50	29° 2	19° 9	27°30	0♍26	25°58	27°53	17°49	21°15	12° 8	25°28	25°58	8°58	10° 2	F 4
S 5	2 57 48	12°37'18	11♏38	20°46	28°45	0°59	26° 6	27°59	17°47	21°13	12° 9	25°27	25°55	9° 5	10° 6	S 5
S 6	3 1 45	13°36'48	24° 2	22°22	29°59	1°32	26°14	28° 5	17°44	21°11	12°10	25°D27	25°52	9°11	10°10	S 6
M 7	3 5 41	14°36'21	6♐14	23°57	1♐14	2° 5	26°22	28°10	17°42	21°10	12°11	25°27	25°49	9°18	10°15	M 7
T 8	3 9 38	15°35'54	18°16	25°32	2°28	2°38	26°31	28°16	17°40	21° 8	12°12	25°28	25°45	9°25	10°19	T 8
W 9	3 13 34	16°35'30	0♑10	27° 6	3°43	3°11	26°39	28°22	17°37	21° 6	12°13	25°29	25°42	9°31	10°24	W 9
T 10	3 17 31	17°35'08	12° 0	28°39	4°58	3°43	26°48	28°28	17°35	21° 5	12°14	25°30	25°39	9°38	10°29	T 10
F 11	3 21 28	18°34'47	23°49	0♐12	6°12	4°16	26°57	28°34	17°32	21° 3	12°15	25°30	25°36	9°45	10°34	F 11
S 12	3 25 24	19°34'28	5♒42	1°45	7°27	4°48	27° 5	28°40	17°30	21° 1	12°16	25°31	25°33	9°51	10°38	S 12
S 13	3 29 21	20°34'11	17°44	3°16	8°41	5°20	27°14	28°46	17°27	21° 0	12°17	25°R31	25°30	9°58	10°43	S 13
M14	3 33 17	21°33'55	29°58	4°48	9°56	5°52	27°24	28°52	17°25	20°58	12°18	25°31	25°26	10° 5	10°48	M14
T 15	3 37 14	22°33'41	12♓29	6°18	11°10	6°23	27°33	28°58	17°22	20°56	12°19	25°31	25°23	10°12	10°53	T 15
W16	3 41 10	23°33'28	25°22	7°49	12°25	6°55	27°42	29° 4	17°20	20°55	12°20	25°31	25°20	10°18	10°58	W16
T 17	3 45 7	24°33'17	8♈39	9°18	13°40	7°26	27°52	29°11	17°18	20°53	12°20	25°30	25°17	10°25	11° 3	T 17
F 18	3 49 3	25°33'08	22°21	10°47	14°54	7°57	28° 1	29°17	17°15	20°51	12°21	25°D30	25°14	10°32	11° 8	F 18
S 19	3 53 0	26°33'00	6♉28	12°16	16° 9	8°28	28°11	29°23	17°13	20°49	12°22	25°30	25°10	10°38	11°14	S 19
S 20	3 56 57	27°32'55	20°56	13°44	17°23	8°59	28°21	29°30	17°10	20°48	12°23	25°R31	25° 7	10°45	11°19	S 20
M21	4 0 53	28°32'51	5♊41	15°11	18°38	9°30	28°31	29°36	17° 8	20°46	12°23	25°31	25° 4	10°52	11°24	M21
T 22	4 4 50	29°32'49	20°35	16°38	19°52	10° 0	28°41	29°43	17° 6	20°44	12°24	25°30	25° 1	10°58	11°29	T 22
W23	4 8 46	0♐32'49	5♋31	18° 4	21° 7	10°31	28°51	29°49	17° 3	20°43	12°25	25°30	24°58	11° 5	11°35	W23
T 24	4 12 43	1°32'51	20°19	19°30	22°21	11° 1	29° 1	29°56	17° 1	20°41	12°25	25°29	24°55	11°12	11°40	T 24
F 25	4 16 39	2°32'55	4♌55	20°55	23°36	11°30	29°12	0♑ 2	16°59	20°40	12°26	25°29	24°51	11°18	11°46	F 25
S 26	4 20 36	3°33'01	19°13	22°19	24°50	12° 0	29°22	0° 9	16°56	20°38	12°26	25°28	24°48	11°25	11°51	S 26
S 27	4 24 32	4°33'09	3♍11	23°42	26° 5	12°30	29°33	0°15	16°54	20°36	12°27	25°D28	24°45	11°32	11°57	S 27
M28	4 28 29	5°33'19	16°48	25° 5	27°19	12°59	29°44	0°22	16°52	20°35	12°27	25°28	24°42	11°38	12° 2	M28
T 29	4 32 26	6°33'31	0♎ 5	26°27	28°34	13°28	29°54	0°29	16°49	20°33	12°28	25°29	24°39	11°45	12° 8	T 29
W30	4 36 22	7♐33'45	13♎ 5	27♐47	29♐48	13♍57	0♒ 5	0♑35	16♉47	20♉31	12♍28	25♉30	24♉36	11♑52	12♑14	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s18	8n25	4n48	15s49	0n13	18s17	0n20	13n12	1n27	21s10	0s17	22s 2	1n13	16n38	0s27	16n20	1s43	15n54	9n39	19n 2	19n10	26s29	16s 5	6n52
W 2	14 37	2 36	4 10	16 24	0 6	18 37	0 17	13 1	1 28	21 9	0 17	22 3	1 13	16 37	0 27	16 19	1 43	15 54	9 39	19 1	19 9	26 29	16 5	6 52
T 3	14 55	3s14	3 20	16 59	0s 1	18 57	0 15	12 50	1 29	21 7	0 17	22 3	1 13	16 37	0 27	16 19	1 43	15 54	9 40	19 1	19 8	26 29	16 5	6 51
F 4	15 14	8 51	2 21	17 32	0 8	19 16	0 12	12 39	1 30	21 6	0 17	22 3	1 13	16 36	0 27	16 18	1 43	15 53	9 40	19 0	19 7	26 29	16 5	6 51
S 5	15 32	14 2	1 16	18 4	0 15	19 35	0 10	12 28	1 31	21 5	0 17	22 3	1 13	16 35	0 27	16 18	1 43	15 53	9 40	19 0	19 7	26 30	16 5	6 50
S 6	15 49	18 32	0 8	18 36	0 22	19 54	0 7	12 18	1 32	21 3	0 17	22 4	1 13	16 35	0 27	16 17	1 43	15 53	9 41	19 0	19 6	26 30	16 5	6 50
M 7	16 7	22 11	0s59	19 6	0 29	20 12	0 5	12 7	1 33	21 2	0 17	22 4	1 13	16 34	0 27	16 17	1 43	15 53	9 41	19 0	19 5	26 30	16 5	6 49
T 8	16 24	24 49	2 3	19 36	0 36	20 29	0 2	11 56	1 34	21 0	0 17	22 4	1 12	16 33	0 27	16 17	1 43	15 53	9 41	19 0	19 4	26 30	16 5	6 49
W 9	16 41	26 18	3 1	20 4	0 42	20 46	0s 0	11 45	1 35	20 59	0 18	22 4	1 12	16 33	0 27	16 16	1 43	15 53	9 42	19 1	19 4	26 30	16 5	6 49
T 10	16 58	26 34	3 51	20 32	0 49	21 2	0 3	11 35	1 36	20 57	0 18	22 4	1 12	16 32	0 27	16 16	1 43	15 53	9 42	19 1	19 3	26 30	16 5	6 48
F 11	17 15	25 38	4 30	20 58	0 56	21 17	0 5	11 24	1 37	20 55	0 18	22 5	1 12	16 31	0 27	16 15	1 43	15 53	9 42	19 1	19 2	26 31	16 6	6 48
S 12	17 31	23 33	4 59	21 24	1 2	21 32	0 8	11 13	1 38	20 54	0 18	22 5	1 12	16 31	0 27	16 15	1 43	15 53	9 43	19 1	19 1	26 31	16 6	6 47
S 13	17 47	20 25	5 15	21 48	1 9	21 47	0 10	11 2	1 40	20 52	0 18	22 5	1 12	16 30	0 27	16 14	1 43	15 53	9 43	19 1	19 1	26 31	16 6	6 47
M14	18 2	16 21	5 16	22 11	1 15	22 1	0 13	10 52	1 41	20 50	0 18	22 5	1 12	16 29	0 27	16 14	1 43	15 53	9 43	19 1	19 0	26 31	16 6	6 47
T 15	18 18	11 31	5 4	22 33	1 21	22 14	0 16	10 41	1 42	20 49	0 18	22 5	1 11	16 29	0 27	16 13	1 43	15 53	9 44	19 1	18 59	26 31	16 6	6 46
W16	18 33	6 3	4 36	22 54	1 27	22 26	0 18	10 31	1 43	20 47	0 18	22 6	1 11	16 28	0 27	16 13	1 43	15 53	9 44	19 1	18 58	26 31	16 6	6 46
T 17	18 47	0 9	3 52	23 14	1 33	22 38	0 21	10 20	1 44	20 45	0 18	22 6	1 11	16 27	0 27	16 13	1 43	15 53	9 44	19 1	18 58	26 31	16 5	6 46
F 18	19 2	5n57	2 54	23 33	1 39	22 49	0 23	10 9	1 45	20 43	0 18	22 6	1 11	16 27	0 27	16 12	1 43	15 53	9 45	19 1	18 57	26 31	16 5	6 45
S 19	19 16	11 57	1 44	23 51	1 45	23 0	0 26	9 59	1 46	20 41	0 18	22 6	1 11	16 26	0 27	16 12	1 43	15 53	9 45	19 1	18 56	26 31	16 5	6 45
S 20	19 29	17 28	0 25	24 7	1 50	23 10	0 28	9 48	1 47	20 39	0 18	22 6	1 11	16 25	0 27	16 11	1 43	15 53	9 45	19 1	18 55	26 31	16 5	6 45
M21	19 43	22 2	0n56	24 23	1 55	23 19	0 31	9 38	1 48	20 37	0 18	22 6	1 11	16 25	0 27	16 11	1 43	15 53	9 46	19 1	18 55	26 32	16 5	6 44
T 22	19 55	25 12	2 15	24 37	2 0	23 28	0 33	9 28	1 50	20 35	0 18	22 6	1 11	16 24	0 27	16 10	1 43	15 53	9 46	19 1	18 54	26 32	16 5	6 44
W23	20 8	26 34	3 24	24 50	2 5	23 35	0 36	9 17	1 51	20 33	0 18	22 7	1 11	16 23	0 27	16 10	1 43	15 53	9 46	19 1	18 53	26 32	16 5	6 44
T 24	20 20	26 2	4 20	25 1	2 9	23 42	0 39	9 7	1 52	20 31	0 18	22 7	1 10	16 23	0 27	16 10	1 43	15 53	9 47	19 1	18 52	26 32	16 5	6 43
F 25	20 32	23 43	4 57	25 12	2 13	23 49	0 41	8 57	1 53	20 29	0 18	22 7	1 10	16 22	0 27	16 9	1 43	15 53	9 47	19 0	18 52	26 32	16 5	6 43
S 26	20 44	19 57	5 15	25 21	2 17	23 55	0 43	8 47	1 54	20 27	0 18	22 7	1 10	16 22	0 27	16 9	1 43	15 53	9 47	19 0	18 51	26 32	16 4	6 43
S 27	20 55	15 10	5 14	25 29	2 21	24 0	0 46	8 37	1 55	20 25	0 18	22 7	1 10	16 21	0 27	16 8	1 43	15 53	9 48	19 0	18 50	26 32	16 4	6 42
M28	21 6	9 43	4 56	25 36	2 24	24 4	0 48	8 26	1 57	20 23	0 19	22 7	1 10	16 20	0 27	16 8	1 43	15 53	9 48	19 0	18 49	26 32	16 4	6 42
T 29	21 16	3 58	4 21	25 41	2 27	24 7	0 51	8 16	1 58	20 21	0 19	22 7	1 10	16 20	0 27	16 8	1 43	15 54	9 48	19 0	18 49	26 32	16 4	6 42
W30	21s26	1s50	3n34	25s46	2s30	24s10	0s53	8n 7	1n59	20s18	0s19	22s 7	1n10	16n19	0s27	16n 7	1s42	15n54	9n49	19n 1	18n48	26s32	16s 4	6n42

Julian Day Number = 2887948.5, Delta T = 01h18m02s
Ecliptic obliquity = 23°17'11, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°28'26, Lahiri = 40°35'26

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ASTRODIENST EPHEMERIS for the year 3194
geocentric

DECEMBER 3194 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 40 19	8♐34'01	25♎48	29♐ 7	1♑ 3	14♍25	0♒16	0♑42	16°R45	20°R30	12♍29	25♉31	24♉32	11♑58	12♑19	T 1
F 2	4 44 15	9°34'19	8♏18	0♑25	2°18	14°54	0°27	0°49	16♉43	20♉28	12°29	25°32	24°29	12° 5	12°25	F 2
S 3	4 48 12	10°34'39	20°37	1°42	3°32	15°22	0°39	0°56	16°41	20°27	12°29	25°R32	24°26	12°12	12°31	S 3
S 4	4 52 8	11°35'01	2♐46	2°57	4°47	15°50	0°50	1° 3	16°38	20°25	12°30	25°32	24°23	12°19	12°37	S 4
M 5	4 56 5	12°35'24	14°48	4°11	6° 1	16°17	1° 1	1°10	16°36	20°24	12°30	25°31	24°20	12°25	12°43	M 5
T 6	5 0 2	13°35'48	26°43	5°22	7°16	16°45	1°13	1°16	16°34	20°22	12°30	25°29	24°16	12°32	12°48	T 6
W 7	5 3 58	14°36'15	8♑35	6°31	8°30	17°12	1°24	1°23	16°32	20°21	12°30	25°27	24°13	12°39	12°54	W 7
T 8	5 7 55	15°36'43	20°24	7°38	9°45	17°39	1°36	1°30	16°30	20°19	12°31	25°23	24°10	12°45	13° 0	T 8
F 9	5 11 51	16°37'12	2♒14	8°42	10°59	18° 5	1°48	1°37	16°28	20°18	12°31	25°20	24° 7	12°52	13° 6	F 9
S 10	5 15 48	17°37'42	14° 7	9°42	12°14	18°32	1°59	1°44	16°26	20°16	12°31	25°16	24° 4	12°59	13°12	S 10
S 11	5 19 44	18°38'14	26° 8	10°39	13°28	18°58	2°11	1°51	16°24	20°15	12°31	25°14	24° 1	13° 5	13°18	S 11
M12	5 23 41	19°38'46	8♓19	11°31	14°43	19°23	2°23	1°58	16°22	20°13	12°31	25°12	23°57	13°12	13°25	M12
T 13	5 27 37	20°39'20	20°45	12°19	15°57	19°49	2°35	2° 5	16°20	20°12	12°31	25°D11	23°54	13°19	13°31	T 13
W14	5 31 34	21°39'55	3♈30	13° 1	17°12	20°14	2°47	2°12	16°18	20°11	12°R31	25°12	23°51	13°25	13°37	W14
T 15	5 35 31	22°40'31	16°39	13°38	18°26	20°39	3° 0	2°19	16°16	20° 9	12°31	25°13	23°48	13°32	13°43	T 15
F 16	5 39 27	23°41'08	0♉15	14° 7	19°40	21° 4	3°12	2°26	16°15	20° 8	12°31	25°15	23°45	13°39	13°49	F 16
S 17	5 43 24	24°41'47	14°18	14°29	20°55	21°28	3°24	2°33	16°13	20° 6	12°31	25°16	23°42	13°46	13°55	S 17
S 18	5 47 20	25°42'26	28°48	14°42	22° 9	21°52	3°37	2°40	16°11	20° 5	12°31	25°R16	23°38	13°52	14° 1	S 18
M19	5 51 17	26°43'07	13♊41	14°R46	23°24	22°16	3°49	2°48	16° 9	20° 4	12°31	25°15	23°35	13°59	14° 8	M19
T 20	5 55 13	27°43'48	28°50	14°40	24°38	22°39	4° 2	2°55	16° 8	20° 3	12°31	25°13	23°32	14° 6	14°14	T 20
W21	5 59 10	28°44'31	14♋ 6	14°23	25°52	23° 2	4°14	3° 2	16° 6	20° 1	12°30	25° 8	23°29	14°12	14°20	W21
T 22	6 3 6	29°45'16	29°17	13°55	27° 7	23°25	4°27	3° 9	16° 5	20° 0	12°30	25° 3	23°26	14°19	14°27	T 22
F 23	6 7 3	0♑46'01	14♌15	13°16	28°21	23°47	4°40	3°16	16° 3	19°59	12°30	24°58	23°23	14°26	14°33	F 23
S 24	6 11 0	1°46'48	28°51	12°26	29°36	24° 9	4°52	3°23	16° 2	19°58	12°30	24°53	23°19	14°32	14°39	S 24
S 25	6 14 56	2°47'36	13♍ 1	11°26	0♒50	24°31	5° 5	3°30	16° 0	19°57	12°29	24°50	23°16	14°39	14°45	S 25
M26	6 18 53	3°48'26	26°43	10°17	2° 4	24°52	5°18	3°37	15°59	19°56	12°29	24°48	23°13	14°46	14°52	M26
T 27	6 22 49	4°49'16	9♎59	9° 1	3°18	25°13	5°31	3°45	15°57	19°54	12°29	24°D48	23°10	14°52	14°58	T 27
W28	6 26 46	5°50'08	22°51	7°40	4°33	25°33	5°44	3°52	15°56	19°53	12°28	24°49	23° 7	14°59	15° 5	W28
T 29	6 30 42	6°51'02	5♏24	6°17	5°47	25°54	5°57	3°59	15°55	19°52	12°28	24°51	23° 3	15° 6	15°11	T 29
F 30	6 34 39	7°51'56	17°41	4°55	7° 1	26°13	6°10	4° 6	15°53	19°51	12°27	24°52	23° 0	15°13	15°17	F 30
S 31	6 38 35	8♑52'52	29♏47	3♑36	8♒16	26♍33	6♒23	4♑13	15♉52	19♉50	12♍27	24°R52	22♉57	15♑19	15♑24	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s35	7s28	2n37	25s49	2s32	24s12	0s56	7n57	2n 0	20s16	0s19	22s 7	1n10	16n18	0s27	16n 7	1s42	15n54	9n49	19n 1	18n47	26s32	16s 3	6n41
F 2	21 45	12 42	1 34	25 51	2 34	24 14	0 58	7 47	2 1	20 14	0 19	22 7	1 10	16 18	0 27	16 6	1 42	15 54	9 50	19 1	18 46	26 32	16 3	6 41
S 3	21 53	17 21	0 27	25 51	2 35	24 14	1 0	7 37	2 3	20 11	0 19	22 7	1 9	16 17	0 27	16 6	1 42	15 54	9 50	19 1	18 45	26 32	16 3	6 41
S 4	22 2	21 14	0s40	25 51	2 36	24 14	1 2	7 28	2 4	20 9	0 19	22 8	1 9	16 17	0 27	16 6	1 42	15 54	9 50	19 1	18 45	26 32	16 3	6 41
M 5	22 10	24 9	1 44	25 49	2 36	24 14	1 5	7 18	2 5	20 7	0 19	22 8	1 9	16 16	0 27	16 5	1 42	15 55	9 51	19 1	18 44	26 32	16 2	6 40
T 6	22 17	25 58	2 44	25 46	2 36	24 12	1 7	7 9	2 6	20 4	0 19	22 8	1 9	16 15	0 27	16 5	1 42	15 55	9 51	19 1	18 43	26 32	16 2	6 40
W 7	22 24	26 36	3 36	25 42	2 35	24 10	1 9	6 59	2 8	20 2	0 19	22 8	1 9	16 15	0 27	16 4	1 42	15 55	9 51	19 0	18 42	26 32	16 2	6 40
T 8	22 31	26 0	4 18	25 37	2 33	24 7	1 11	6 50	2 9	19 59	0 19	22 8	1 9	16 14	0 27	16 4	1 42	15 55	9 52	18 59	18 42	26 31	16 1	6 40
F 9	22 37	24 14	4 49	25 30	2 31	24 3	1 13	6 41	2 10	19 57	0 19	22 8	1 9	16 14	0 27	16 4	1 42	15 56	9 52	18 58	18 41	26 31	16 1	6 40
S 10	22 43	21 24	5 8	25 23	2 27	23 59	1 15	6 32	2 12	19 54	0 19	22 8	1 9	16 13	0 27	16 3	1 42	15 56	9 52	18 58	18 40	26 31	16 0	6 39
S 11	22 48	17 39	5 14	25 15	2 23	23 53	1 17	6 23	2 13	19 52	0 19	22 8	1 9	16 13	0 27	16 3	1 42	15 56	9 53	18 57	18 39	26 31	16 0	6 39
M12	22 53	13 8	5 6	25 5	2 18	23 47	1 19	6 14	2 14	19 49	0 19	22 8	1 9	16 12	0 27	16 3	1 42	15 57	9 53	18 57	18 39	26 31	16 0	6 39
T 13	22 58	8 0	4 44	24 55	2 12	23 41	1 21	6 5	2 15	19 46	0 19	22 8	1 9	16 12	0 26	16 2	1 42	15 57	9 53	18 56	18 38	26 31	15 59	6 39
W14	23 2	2 24	4 7	24 44	2 5	23 33	1 23	5 57	2 17	19 44	0 19	22 8	1 9	16 11	0 26	16 2	1 42	15 57	9 54	18 56	18 37	26 31	15 59	6 39
T 15	23 5	3n29	3 16	24 32	1 57	23 25	1 25	5 48	2 18	19 41	0 19	22 8	1 8	16 11	0 26	16 2	1 42	15 58	9 54	18 57	18 36	26 31	15 58	6 39
F 16	23 8	9 24	2 13	24 20	1 48	23 17	1 26	5 40	2 20	19 38	0 20	22 7	1 8	16 10	0 26	16 1	1 42	15 58	9 55	18 57	18 35	26 31	15 58	6 39
S 17	23 11	15 4	1 0	24 7	1 37	23 7	1 28	5 31	2 21	19 35	0 20	22 7	1 8	16 10	0 26	16 1	1 42	15 58	9 55	18 58	18 35	26 31	15 57	6 38
S 18	23 13	20 5	0n19	23 54	1 25	22 57	1 30	5 23	2 22	19 32	0 20	22 7	1 8	16 9	0 26	16 1	1 42	15 59	9 55	18 58	18 34	26 30	15 57	6 38
M19	23 15	23 56	1 39	23 40	1 12	22 46	1 31	5 15	2 24	19 30	0 20	22 7	1 8	16 9	0 26	16 0	1 42	15 59	9 56	18 57	18 33	26 30	15 56	6 38
T 20	23 16	26 10	2 53	23 26	0 57	22 35	1 33	5 7	2 25	19 27	0 20	22 7	1 8	16 8	0 26	16 0	1 42	15 59	9 56	18 57	18 32	26 30	15 56	6 38
W21	23 17	26 27	3 55	23 12	0 41	22 23	1 34	5 0	2 27	19 24	0 20	22 7	1 8	16 8	0 26	16 0	1 42	16 0	9 56	18 56	18 31	26 30	15 55	6 38
T 22	23 17	24 44	4 41	22 57	0 23	22 10	1 36	4 52	2 28	19 21	0 20	22 7	1 8	16 7	0 26	16 0	1 42	16 0	9 57	18 54	18 31	26 30	15 55	6 38
F 23	23 17	21 20	5 6	22 43	0 5	21 56	1 37	4 44	2 29	19 18	0 20	22 7	1 8	16 7	0 26	15 59	1 42	16 1	9 57	18 53	18 30	26 30	15 54	6 38
S 24	23 16	16 39	5 10	22 28	0n14	21 42	1 38	4 37	2 31	19 15	0 20	22 7	1 8	16 7	0 26	15 59	1 42	16 1	9 57	18 52	18 29	26 29	15 54	6 38
S 25	23 15	11 11	4 56	22 14	0 34	21 28	1 39	4 30	2 32	19 12	0 20	22 7	1 8	16 6	0 26	15 59	1 42	16 1	9 58	18 51	18 28	26 29	15 53	6 38
M26	23 14	5 21	4 24	21 59	0 55	21 12	1 41	4 23	2 34	19 9	0 20	22 7	1 8	16 6	0 26	15 58	1 42	16 2	9 58	18 51	18 28	26 29	15 52	6 38
T 27	23 12	0s33	3 40	21 45	1 14	20 56	1 42	4 16	2 35	19 6	0 20	22 6	1 8	16 5	0 26	15 58	1 42	16 2	9 58	18 51	18 27	26 29	15 52	6 38
W28	23 10	6 16	2 45	21 31	1 33	20 40	1 43	4 9	2 37	19 3	0 20	22 6	1 8	16 5	0 26	15 58	1 42	16 3	9 59	18 51	18 26	26 29	15 51	6 38
T 29	23 7	11 36	1 44	21 17	1 51	20 23	1 44	4 3	2 38	19 0	0 20	22 6	1 8	16 5	0 26	15 58	1 42	16 3	9 59	18 51	18 25	26 28	15 51	6 38
F 30	23 3	16 23	0 39	21 4	2 7	20 5	1 44	3 56	2 40	18 56	0 20	22 6	1 7	16 4	0 26	15 58	1 42	16 4	9 59	18 52	18 24	26 28	15 50	6 38
S 31	22s59	20s25	0s27	20s53	2n21	19s47	1s45	3n50	2n41	18s53	0s20	22s 6	1n 7	16n 4	0s26	15n57	1s41	16n 4	10n 0	18n52	18n24	26s28	15s49	6n38

Julian Day Number = 2887978.5, Delta T = 01h18m02s
Ecliptic obliquity = 23°17'10, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°28'30, Lahiri = 40°35'31

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3195
geocentric

JANUARY 3195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 42 32	9♑53'49	11♐45	2°R23	9♒30	26♍51	6♒37	4♑20	15°R51	19°R49	12°R26	24°R50	22♉54	15♑26	15♑30	S 1
M 2	6 46 29	10°54'47	23°39	1♑18	10°44	27°10	6°50	4°27	15♉50	19♉49	12♍26	24♉46	22°51	15°33	15°36	M 2
T 3	6 50 25	11°55'45	5♑29	0°23	11°58	27°28	7° 3	4°34	15°49	19°48	12°25	24°40	22°48	15°39	15°43	T 3
W 4	6 54 22	12°56'45	17°20	29♐38	13°12	27°45	7°17	4°41	15°48	19°47	12°25	24°32	22°44	15°46	15°49	W 4
T 5	6 58 18	13°57'45	29°11	29° 4	14°27	28° 2	7°30	4°48	15°47	19°46	12°24	24°22	22°41	15°53	15°56	T 5
F 6	7 2 15	14°58'45	11♒ 4	28°41	15°41	28°19	7°44	4°56	15°46	19°45	12°24	24°11	22°38	15°59	16° 2	F 6
S 7	7 6 11	15°59'47	23° 2	28°29	16°55	28°35	7°57	5° 3	15°45	19°44	12°23	24° 1	22°35	16° 6	16° 9	S 7
S 8	7 10 8	17° 0'48	5♓ 6	28°D27	18° 9	28°51	8°11	5°10	15°44	19°44	12°22	23°52	22°32	16°13	16°15	S 8
M 9	7 14 5	18° 1'50	17°19	28°35	19°23	29° 6	8°24	5°17	15°43	19°43	12°21	23°45	22°29	16°20	16°21	M 9
T 10	7 18 1	19° 2'53	29°44	28°52	20°37	29°21	8°38	5°24	15°43	19°42	12°21	23°41	22°25	16°26	16°28	T 10
W11	7 21 58	20° 3'55	12♈24	29°17	21°51	29°35	8°51	5°31	15°42	19°42	12°20	23°39	22°22	16°33	16°34	W11
T 12	7 25 54	21° 4'58	25°25	29°49	23° 5	29°48	9° 5	5°38	15°41	19°41	12°19	23°D39	22°19	16°40	16°41	T 12
F 13	7 29 51	22° 6'01	8♉49	0♑27	24°19	0♎ 1	9°19	5°44	15°41	19°40	12°18	23°39	22°16	16°46	16°47	F 13
S 14	7 33 47	23° 7'04	22°39	1°11	25°33	0°14	9°33	5°51	15°40	19°40	12°17	23°R40	22°13	16°53	16°53	S 14
S 15	7 37 44	24° 8'07	6♊56	2° 0	26°47	0°26	9°46	5°58	15°40	19°39	12°17	23°39	22° 9	17° 0	17° 0	S 15
M16	7 41 40	25° 9'11	21°40	2°54	28° 0	0°37	10° 0	6° 5	15°39	19°39	12°16	23°36	22° 6	17° 6	17° 6	M16
T 17	7 45 37	26°10'15	6♋44	3°52	29°14	0°48	10°14	6°12	15°39	19°38	12°15	23°31	22° 3	17°13	17°12	T 17
W18	7 49 34	27°11'18	22° 2	4°53	0♓28	0°58	10°28	6°19	15°39	19°38	12°14	23°23	22° 0	17°20	17°19	W18
T 19	7 53 30	28°12'22	7♌22	5°58	1°42	1° 8	10°42	6°26	15°38	19°37	12°13	23°13	21°57	17°26	17°25	T 19
F 20	7 57 27	29°13'26	22°32	7° 5	2°55	1°17	10°56	6°32	15°38	19°37	12°12	23° 3	21°54	17°33	17°31	F 20
S 21	8 1 23	0♒14'31	7♍23	8°15	4° 9	1°25	11° 9	6°39	15°38	19°37	12°11	22°53	21°50	17°40	17°38	S 21
S 22	8 5 20	1°15'35	21°47	9°27	5°23	1°33	11°23	6°46	15°38	19°36	12°10	22°45	21°47	17°47	17°44	S 22
M23	8 9 16	2°16'40	5♎40	10°41	6°36	1°40	11°37	6°53	15°38	19°36	12° 9	22°40	21°44	17°53	17°50	M23
T 24	8 13 13	3°17'45	19° 3	11°57	7°50	1°46	11°51	6°59	15°D38	19°36	12° 8	22°37	21°41	18° 0	17°56	T 24
W25	8 17 9	4°18'51	1♏59	13°14	9° 3	1°52	12° 5	7° 6	15°38	19°36	12° 7	22°D36	21°38	18° 7	18° 3	W25
T 26	8 21 6	5°19'57	14°31	14°33	10°16	1°57	12°19	7°12	15°38	19°36	12° 6	22°36	21°34	18°13	18° 9	T 26
F 27	8 25 3	6°21'03	26°45	15°53	11°30	2° 1	12°33	7°19	15°38	19°36	12° 4	22°R36	21°31	18°20	18°15	F 27
S 28	8 28 59	7°22'09	8♐46	17°14	12°43	2° 5	12°47	7°25	15°38	19°35	12° 3	22°35	21°28	18°27	18°21	S 28
S 29	8 32 56	8°23'15	20°39	18°37	13°56	2° 8	13° 2	7°32	15°38	19°35	12° 2	22°31	21°25	18°33	18°27	S 29
M30	8 36 52	9°24'22	2♑29	20° 0	15°10	2°10	13°16	7°38	15°39	19°D35	12° 1	22°25	21°22	18°40	18°33	M30
T 31	8 40 49	10♒25'28	14♑17	21♑24	16♓23	2♎11	13♒30	7♑45	15♉39	19♉35	12♍ 0	22♉16	21♉19	18♑47	18♑39	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s55	23s32	1s30	20s43	2n33	19s28	1s46	3n44	2n43	18s50	0s20	22s 6	1n 7	16n 4	0s26	15n57	1s41	16n 5	10n 0	18n51	18n23	26s28	15s48	6n38
M 2	22 50	25 37	2 29	20 34	2 43	19 8	1 47	3 38	2 44	18 47	0 21	22 5	1 7	16 3	0 26	15 57	1 41	16 5	10 0	18 50	18 22	26 27	15 48	6 38
T 3	22 45	26 31	3 21	20 28	2 50	18 48	1 47	3 33	2 46	18 43	0 21	22 5	1 7	16 3	0 26	15 57	1 41	16 6	10 1	18 49	18 21	26 27	15 47	6 38
W 4	22 40	26 13	4 4	20 23	2 54	18 28	1 48	3 27	2 48	18 40	0 21	22 5	1 7	16 3	0 26	15 57	1 41	16 6	10 1	18 47	18 20	26 27	15 46	6 38
T 5	22 34	24 43	4 37	20 20	2 57	18 7	1 48	3 22	2 49	18 37	0 21	22 5	1 7	16 3	0 26	15 56	1 41	16 7	10 1	18 44	18 20	26 27	15 46	6 38
F 6	22 27	22 7	4 58	20 19	2 57	17 46	1 48	3 17	2 51	18 33	0 21	22 5	1 7	16 2	0 26	15 56	1 41	16 7	10 2	18 42	18 19	26 26	15 45	6 38
S 7	22 20	18 34	5 6	20 21	2 56	17 24	1 49	3 12	2 52	18 30	0 21	22 4	1 7	16 2	0 26	15 56	1 41	16 8	10 2	18 39	18 18	26 26	15 44	6 38
S 8	22 13	14 14	5 0	20 23	2 53	17 1	1 49	3 7	2 54	18 27	0 21	22 4	1 7	16 2	0 26	15 56	1 41	16 9	10 2	18 37	18 17	26 26	15 43	6 38
M 9	22 5	9 17	4 41	20 27	2 49	16 38	1 49	3 3	2 56	18 23	0 21	22 4	1 7	16 2	0 26	15 56	1 41	16 9	10 3	18 36	18 16	26 25	15 42	6 38
T 10	21 57	3 54	4 8	20 33	2 44	16 15	1 49	2 58	2 57	18 20	0 21	22 4	1 7	16 2	0 26	15 56	1 41	16 10	10 3	18 34	18 16	26 25	15 42	6 38
W11	21 48	1n46	3 22	20 39	2 38	15 51	1 49	2 54	2 59	18 16	0 21	22 3	1 7	16 1	0 26	15 55	1 41	16 10	10 3	18 34	18 15	26 25	15 41	6 38
T 12	21 39	7 31	2 25	20 46	2 32	15 27	1 49	2 51	3 1	18 13	0 21	22 3	1 7	16 1	0 26	15 55	1 41	16 11	10 4	18 34	18 14	26 24	15 40	6 38
F 13	21 29	13 6	1 19	20 53	2 24	15 2	1 48	2 47	3 2	18 9	0 21	22 3	1 7	16 1	0 26	15 55	1 41	16 11	10 4	18 34	18 13	26 24	15 39	6 38
S 14	21 19	18 14	0 5	21 0	2 17	14 37	1 48	2 44	3 4	18 6	0 21	22 3	1 7	16 1	0 26	15 55	1 41	16 12	10 4	18 34	18 12	26 24	15 38	6 38
S 15	21 9	22 29	1n10	21 8	2 8	14 12	1 48	2 40	3 6	18 2	0 21	22 2	1 7	16 1	0 26	15 55	1 41	16 13	10 5	18 34	18 11	26 23	15 37	6 38
M16	20 58	25 25	2 23	21 15	2 0	13 46	1 47	2 37	3 7	17 58	0 22	22 2	1 7	16 1	0 26	15 55	1 41	16 13	10 5	18 33	18 11	26 23	15 36	6 39
T 17	20 47	26 35	3 28	21 23	1 51	13 20	1 47	2 35	3 9	17 55	0 22	22 2	1 7	16 1	0 26	15 55	1 41	16 14	10 5	18 32	18 10	26 23	15 36	6 39
W18	20 35	25 46	4 19	21 29	1 42	12 53	1 46	2 32	3 11	17 51	0 22	22 2	1 7	16 1	0 26	15 55	1 41	16 15	10 5	18 30	18 9	26 22	15 35	6 39
T 19	20 23	23 0	4 51	21 36	1 33	12 27	1 45	2 30	3 13	17 47	0 22	22 1	1 7	16 1	0 26	15 55	1 41	16 15	10 6	18 27	18 8	26 22	15 34	6 39
F 20	20 11	18 41	5 3	21 41	1 25	11 59	1 44	2 28	3 14	17 44	0 22	22 1	1 7	16 1	0 25	15 55	1 40	16 16	10 6	18 25	18 7	26 22	15 33	6 39
S 21	19 58	13 17	4 53	21 46	1 16	11 32	1 43	2 27	3 16	17 40	0 22	22 1	1 7	16 1	0 25	15 55	1 40	16 16	10 6	18 22	18 7	26 21	15 32	6 39
S 22	19 45	7 18	4 25	21 51	1 7	11 4	1 42	2 25	3 18	17 36	0 22	22 0	1 7	16 1	0 25	15 55	1 40	16 17	10 7	18 21	18 6	26 21	15 31	6 40
M23	19 32	1 10	3 42	21 54	0 58	10 36	1 41	2 24	3 20	17 32	0 22	22 0	1 7	16 1	0 25	15 55	1 40	16 18	10 7	18 19	18 5	26 20	15 30	6 40
T 24	19 18	4s49	2 48	21 57	0 49	10 8	1 40	2 23	3 21	17 29	0 22	22 0	1 7	16 1	0 25	15 55	1 40	16 18	10 7	18 18	18 4	26 20	15 29	6 40
W25	19 3	10 24	1 47	21 58	0 40	9 39	1 39	2 22	3 23	17 25	0 22	21 59	1 7	16 1	0 25	15 55	1 40	16 19	10 7	18 18	18 3	26 19	15 28	6 40
T 26	18 49	15 25	0 43	21 59	0 31	9 10	1 38	2 22	3 25	17 21	0 22	21 59	1 7	16 1	0 25	15 55	1 40	16 20	10 8	18 18	18 2	26 19	15 27	6 40
F 27	18 34	19 40	0s22	21 58	0 23	8 41	1 36	2 22	3 27	17 17	0 22	21 59	1 7	16 1	0 25	15 55	1 40	16 20	10 8	18 18	18 2	26 19	15 26	6 41
S 28	18 19	23 1	1 25	21 57	0 15	8 12	1 35	2 22	3 28	17 13	0 22	21 58	1 7	16 1	0 25	15 55	1 40	16 21	10 8	18 18	18 1	26 18	15 25	6 41
S 29	18 3	25 20	2 23	21 54	0 6	7 43	1 33	2 22	3 30	17 9	0 23	21 58	1 7	16 1	0 25	15 55	1 40	16 22	10 8	18 17	18 0	26 18	15 24	6 41
M30	17 47	26 30	3 14	21 50	0s 2	7 13	1 31	2 23	3 32	17 6	0 23	21 58	1 7	16 1	0 25	15 55	1 40	16 22	10 9	18 15	17 59	26 17	15 23	6 41
T 31	17s31	26s27	3s57	21s45	0s10	6s43	1s30	2n24	3n34	17s 2	0s23	21s57	1n 7	16n 1	0s25	15n55	1s40	16n23	10n 9	18n13	17n58	26s17	15s22	6n42

Julian Day Number = 2888009.5, Delta T = 01h18m03s
Ecliptic obliquity = 23°17'10, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°28'34, Lahiri = 40°35'35

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ASTRODIENST EPHEMERIS for the year 3195
geocentric

FEBRUARY 3195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 44 45	11♒26'35	26♑ 8	22♑49	17♓36	2°R12	13♒44	7♑51	15♉39	19♉35	11°R59	22°R 4	21♉15	18♑54	18♑45	W 1
T 2	8 48 42	12°27'41	8♒ 3	24°15	18°49	2♎12	13°58	7°57	15°40	19°36	11♍57	21♉50	21°12	19° 0	18°51	T 2
F 3	8 52 39	13°28'46	20° 4	25°41	20° 2	2°11	14°12	8° 4	15°40	19°36	11°56	21°35	21° 9	19° 7	18°57	F 3
S 4	8 56 35	14°29'51	2♓11	27° 9	21°15	2° 9	14°26	8°10	15°41	19°36	11°55	21°20	21° 6	19°14	19° 3	S 4
S 5	9 0 32	15°30'56	14°25	28°37	22°28	2° 7	14°40	8°16	15°41	19°36	11°54	21° 7	21° 3	19°20	19° 9	S 5
M 6	9 4 28	16°32'00	26°48	0♒ 5	23°41	2° 4	14°54	8°22	15°42	19°36	11°52	20°56	21° 0	19°27	19°15	M 6
T 7	9 8 25	17°33'04	9♈20	1°34	24°53	2° 0	15° 8	8°28	15°43	19°37	11°51	20°49	20°56	19°34	19°21	T 7
W 8	9 12 21	18°34'06	22° 6	3° 4	26° 6	1°55	15°22	8°34	15°44	19°37	11°50	20°44	20°53	19°40	19°27	W 8
T 9	9 16 18	19°35'08	5♉ 6	4°35	27°19	1°49	15°36	8°40	15°44	19°37	11°48	20°42	20°50	19°47	19°33	T 9
F 10	9 20 14	20°36'10	18°24	6° 6	28°31	1°43	15°50	8°46	15°45	19°38	11°47	20°42	20°47	19°54	19°38	F 10
S 11	9 24 11	21°37'10	2♊ 3	7°38	29°43	1°36	16° 5	8°52	15°46	19°38	11°46	20°42	20°44	20° 1	19°44	S 11
S 12	9 28 7	22°38'09	16° 5	9°10	0♈56	1°28	16°19	8°58	15°47	19°38	11°44	20°41	20°40	20° 7	19°50	S 12
M13	9 32 4	23°39'08	0♋30	10°43	2° 8	1°19	16°33	9° 4	15°48	19°39	11°43	20°37	20°37	20°14	19°55	M13
T 14	9 36 1	24°40'05	15°16	12°17	3°20	1°10	16°47	9° 9	15°49	19°39	11°41	20°31	20°34	20°21	20° 1	T 14
W15	9 39 57	25°41'02	0♌16	13°51	4°32	0°59	17° 1	9°15	15°50	19°40	11°40	20°22	20°31	20°27	20° 7	W15
T 16	9 43 54	26°41'57	15°24	15°26	5°44	0°48	17°15	9°21	15°51	19°40	11°39	20°11	20°28	20°34	20°12	T 16
F 17	9 47 50	27°42'52	0♍27	17° 1	6°56	0°36	17°29	9°26	15°53	19°41	11°37	19°59	20°25	20°41	20°18	F 17
S 18	9 51 47	28°43'46	15°17	18°37	8° 8	0°23	17°43	9°32	15°54	19°42	11°36	19°48	20°21	20°48	20°23	S 18
S 19	9 55 43	29°44'39	29°44	20°14	9°20	0°10	17°57	9°37	15°55	19°42	11°34	19°38	20°18	20°54	20°28	S 19
M20	9 59 40	0♓45'31	13♎44	21°51	10°31	29♍56	18°11	9°42	15°57	19°43	11°33	19°31	20°15	21° 1	20°34	M20
T 21	10 3 36	1°46'22	27°15	23°30	11°43	29°41	18°25	9°48	15°58	19°44	11°31	19°27	20°12	21° 8	20°39	T 21
W22	10 7 33	2°47'13	10♏18	25° 8	12°54	29°25	18°38	9°53	15°59	19°45	11°30	19°25	20° 9	21°14	20°44	W22
T 23	10 11 30	3°48'03	22°55	26°48	14° 6	29° 9	18°52	9°58	16° 1	19°45	11°29	19°D25	20° 6	21°21	20°49	T 23
F 24	10 15 26	4°48'52	5♐13	28°28	15°17	28°52	19° 6	10° 3	16° 3	19°46	11°27	19°R25	20° 2	21°28	20°54	F 24
S 25	10 19 23	5°49'41	17°16	0♓10	16°28	28°34	19°20	10° 8	16° 4	19°47	11°26	19°25	19°59	21°34	20°59	S 25
S 26	10 23 19	6°50'28	29° 9	1°51	17°39	28°16	19°34	10°13	16° 6	19°48	11°24	19°22	19°56	21°41	21° 4	S 26
M27	10 27 16	7°51'15	10♑59	3°34	18°50	27°57	19°48	10°18	16° 7	19°49	11°23	19°17	19°53	21°48	21° 9	M27
T 28	10 31 12	8♓52'01	22♑48	5♓18	20♈ 1	27♍37	20♒ 1	10♑23	16♉ 9	19♉50	11♍21	19♉10	19♉50	21♑55	21♑14	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s14	25s12	4s30	21s39	0s17	6s13	1s28	2n26	3n35	16s58	0s23	21s57	1n 7	16n 1	0s25	15n55	1s40	16n24	10n 9	18n10	17n58	26s16	15s21	6n42
T 2	16 57	22 49	4 51	21 32	0 25	5 43	1 26	2 27	3 37	16 54	0 23	21 57	1 7	16 1	0 25	15 55	1 40	16 24	10 9	18 6	17 57	26 16	15 20	6 42
F 3	16 40	19 26	4 59	21 24	0 32	5 12	1 24	2 29	3 39	16 50	0 23	21 56	1 6	16 2	0 25	15 55	1 40	16 25	10 9	18 3	17 56	26 15	15 19	6 42
S 4	16 23	15 13	4 54	21 14	0 39	4 42	1 22	2 31	3 40	16 46	0 23	21 56	1 6	16 2	0 25	15 55	1 40	16 26	10 10	17 59	17 55	26 15	15 18	6 43
S 5	16 5	10 20	4 35	21 3	0 46	4 11	1 19	2 34	3 42	16 42	0 23	21 55	1 6	16 2	0 25	15 55	1 40	16 27	10 10	17 55	17 54	26 14	15 17	6 43
M 6	15 47	5 0	4 4	20 52	0 53	3 41	1 17	2 37	3 44	16 38	0 23	21 55	1 6	16 2	0 25	15 55	1 40	16 27	10 10	17 53	17 53	26 14	15 15	6 43
T 7	15 29	0n37	3 20	20 38	0 59	3 10	1 15	2 40	3 45	16 34	0 23	21 55	1 6	16 2	0 25	15 56	1 39	16 28	10 10	17 51	17 53	26 13	15 14	6 44
W 8	15 10	6 19	2 25	20 24	1 5	2 39	1 12	2 43	3 47	16 30	0 23	21 54	1 7	16 3	0 25	15 56	1 39	16 29	10 10	17 49	17 52	26 13	15 13	6 44
T 9	14 51	11 51	1 21	20 9	1 11	2 8	1 10	2 47	3 49	16 26	0 23	21 54	1 7	16 3	0 25	15 56	1 39	16 29	10 11	17 49	17 51	26 12	15 12	6 44
F 10	14 32	17 0	0 12	19 52	1 17	1 37	1 7	2 51	3 50	16 22	0 24	21 54	1 7	16 3	0 25	15 56	1 39	16 30	10 11	17 49	17 50	26 12	15 11	6 45
S 11	14 13	21 25	1n 0	19 34	1 22	1 6	1 5	2 55	3 52	16 18	0 24	21 53	1 7	16 4	0 25	15 56	1 39	16 31	10 11	17 49	17 49	26 11	15 10	6 45
S 12	13 53	24 43	2 10	19 15	1 27	0 35	1 2	3 0	3 53	16 13	0 24	21 53	1 7	16 4	0 25	15 56	1 39	16 31	10 11	17 48	17 48	26 10	15 9	6 45
M13	13 33	26 31	3 13	18 55	1 32	0 4	0 59	3 4	3 55	16 9	0 24	21 52	1 7	16 4	0 25	15 57	1 39	16 32	10 11	17 48	17 48	26 10	15 8	6 46
T 14	13 13	26 29	4 6	18 33	1 37	0n28	0 56	3 9	3 56	16 5	0 24	21 52	1 7	16 4	0 25	15 57	1 39	16 33	10 12	17 46	17 47	26 9	15 7	6 46
W15	12 53	24 33	4 42	18 11	1 41	0 59	0 53	3 15	3 58	16 1	0 24	21 52	1 7	16 5	0 25	15 57	1 39	16 33	10 12	17 44	17 46	26 9	15 5	6 46
T 16	12 32	20 53	4 59	17 47	1 45	1 30	0 50	3 20	3 59	15 57	0 24	21 51	1 7	16 5	0 25	15 57	1 39	16 34	10 12	17 41	17 45	26 8	15 4	6 47
F 17	12 11	15 51	4 55	17 22	1 49	2 1	0 47	3 26	4 0	15 53	0 24	21 51	1 7	16 6	0 25	15 57	1 39	16 35	10 12	17 37	17 44	26 8	15 3	6 47
S 18	11 50	9 56	4 31	16 56	1 52	2 32	0 44	3 33	4 1	15 49	0 24	21 50	1 7	16 6	0 25	15 58	1 39	16 35	10 12	17 34	17 43	26 7	15 2	6 47
S 19	11 29	3 38	3 50	16 28	1 55	3 3	0 40	3 39	4 3	15 45	0 24	21 50	1 7	16 6	0 25	15 58	1 39	16 36	10 12	17 32	17 43	26 6	15 1	6 48
M20	11 8	2s40	2 57	16 0	1 58	3 34	0 37	3 46	4 4	15 40	0 24	21 50	1 7	16 7	0 25	15 58	1 39	16 37	10 12	17 30	17 42	26 6	15 0	6 48
T 21	10 47	8 39	1 54	15 30	2 0	4 5	0 34	3 52	4 5	15 36	0 25	21 49	1 7	16 7	0 25	15 58	1 39	16 38	10 13	17 29	17 41	26 5	14 58	6 49
W22	10 25	14 3	0 48	14 59	2 3	4 36	0 30	4 0	4 6	15 32	0 25	21 49	1 7	16 8	0 25	15 59	1 39	16 38	10 13	17 28	17 40	26 4	14 57	6 49
T 23	10 3	18 41	0s19	14 27	2 4	5 7	0 27	4 7	4 7	15 28	0 25	21 48	1 7	16 8	0 24	15 59	1 39	16 39	10 13	17 28	17 39	26 4	14 56	6 50
F 24	9 41	22 23	1 23	13 54	2 6	5 37	0 23	4 14	4 8	15 24	0 25	21 48	1 7	16 9	0 24	15 59	1 38	16 40	10 13	17 28	17 38	26 3	14 55	6 50
S 25	9 19	25 2	2 22	13 19	2 7	6 8	0 19	4 22	4 9	15 19	0 25	21 48	1 7	16 9	0 24	15 59	1 38	16 40	10 13	17 28	17 37	26 2	14 54	6 50
S 26	8 57	26 31	3 14	12 44	2 7	6 38	0 16	4 30	4 9	15 15	0 25	21 47	1 7	16 10	0 24	16 0	1 38	16 41	10 13	17 28	17 37	26 2	14 53	6 51
M27	8 34	26 47	3 58	12 7	2 7	7 9	0 12	4 38	4 10	15 11	0 25	21 47	1 7	16 10	0 24	16 0	1 38	16 42	10 13	17 26	17 36	26 1	14 51	6 51
T 28	8s12	25s49	4s31	11s29	2s 7	7n39	0s 8	4n47	4n10	15s 7	0s25	21s46	1n 7	16n11	0s24	16n 0	1s38	16n42	10n13	17n24	17n35	26s 0	14s50	6n52

Julian Day Number = 2888040.5, Delta T = 01h18m04s
Ecliptic obliquity = 23°17'11, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°28'39, Lahiri = 40°35'39

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ASTRODIENST EPHEMERIS for the year 3195
geocentric

MARCH 3195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 35 9	9♓52'46	4♒42	7♓ 2	21♈11	27°R17	20♒15	10♑27	16♉11	19♉51	11°R20	18°R59	19♉46	22♑ 1	21♑19	W 1
T 2	10 39 5	10°53'29	16°42	8°47	22°22	26♍56	20°29	10°32	16°13	19°52	11♍18	18♉47	19°43	22° 8	21°24	T 2
F 3	10 43 2	11°54'12	28°51	10°33	23°32	26°35	20°42	10°37	16°15	19°53	11°17	18°34	19°40	22°15	21°29	F 3
S 4	10 46 59	12°54'53	11♓ 9	12°19	24°42	26°13	20°56	10°41	16°17	19°54	11°15	18°21	19°37	22°21	21°33	S 4
S 5	10 50 55	13°55'33	23°38	14° 7	25°53	25°51	21°10	10°46	16°18	19°55	11°14	18°10	19°34	22°28	21°38	S 5
M 6	10 54 52	14°56'12	6♈18	15°55	27° 3	25°29	21°23	10°50	16°20	19°57	11°12	18° 1	19°31	22°35	21°43	M 6
T 7	10 58 48	15°56'49	19° 8	17°44	28°13	25° 6	21°37	10°54	16°23	19°58	11°11	17°54	19°27	22°42	21°47	T 7
W 8	11 2 45	16°57'24	2♉ 9	19°34	29°22	24°43	21°50	10°59	16°25	19°59	11° 9	17°51	19°24	22°48	21°52	W 8
T 9	11 6 41	17°57'58	15°21	21°24	0♉32	24°20	22° 4	11° 3	16°27	20° 0	11° 8	17°D49	19°21	22°55	21°56	T 9
F 10	11 10 38	18°58'31	28°47	23°16	1°41	23°56	22°17	11° 7	16°29	20° 1	11° 6	17°50	19°18	23° 2	22° 0	F 10
S 11	11 14 34	19°59'01	12♊27	25° 7	2°51	23°32	22°30	11°11	16°31	20° 3	11° 5	17°50	19°15	23° 8	22° 4	S 11
S 12	11 18 31	20°59'30	26°22	26°59	4° 0	23° 9	22°44	11°15	16°33	20° 4	11° 3	17°R50	19°12	23°15	22° 9	S 12
M13	11 22 28	21°59'57	10♋33	28°52	5° 9	22°45	22°57	11°18	16°36	20° 5	11° 2	17°49	19° 8	23°22	22°13	M13
T 14	11 26 24	23° 0'23	24°57	0♈44	6°17	22°21	23°10	11°22	16°38	20° 7	11° 1	17°45	19° 5	23°28	22°17	T 14
W15	11 30 21	24° 0'46	9♌33	2°37	7°26	21°57	23°23	11°26	16°40	20° 8	10°59	17°39	19° 2	23°35	22°21	W15
T 16	11 34 17	25° 1'08	24°14	4°30	8°34	21°33	23°36	11°29	16°43	20°10	10°58	17°31	18°59	23°42	22°25	T 16
F 17	11 38 14	26° 1'27	8♍54	6°22	9°43	21°10	23°49	11°33	16°45	20°11	10°56	17°23	18°56	23°49	22°28	F 17
S 18	11 42 10	27° 1'45	23°24	8°13	10°51	20°46	24° 2	11°36	16°48	20°13	10°55	17°15	18°52	23°55	22°32	S 18
S 19	11 46 7	28° 2'01	7♎38	10° 4	11°59	20°23	24°15	11°39	16°50	20°14	10°53	17° 8	18°49	24° 2	22°36	S 19
M20	11 50 3	29° 2'16	21°31	11°53	13° 6	20° 0	24°28	11°42	16°53	20°16	10°52	17° 3	18°46	24° 9	22°40	M20
T 21	11 54 0	0♈ 2'29	5♏ 0	13°41	14°14	19°37	24°41	11°46	16°55	20°17	10°51	17° 0	18°43	24°15	22°43	T 21
W22	11 57 57	1° 2'41	18° 5	15°27	15°21	19°14	24°54	11°49	16°58	20°19	10°49	16°D59	18°40	24°22	22°47	W22
T 23	12 1 53	2° 2'51	0♐46	17° 9	16°28	18°52	25° 6	11°52	17° 0	20°21	10°48	17° 0	18°37	24°29	22°50	T 23
F 24	12 5 50	3° 3'00	13° 8	18°49	17°35	18°30	25°19	11°54	17° 3	20°22	10°47	17° 1	18°33	24°36	22°53	F 24
S 25	12 9 46	4° 3'07	25°15	20°25	18°42	18° 9	25°31	11°57	17° 6	20°24	10°45	17° 3	18°30	24°42	22°57	S 25
S 26	12 13 43	5° 3'13	7♑12	21°57	19°48	17°48	25°44	12° 0	17° 8	20°26	10°44	17°R 3	18°27	24°49	23° 0	S 26
M27	12 17 39	6° 3'17	19° 3	23°25	20°54	17°28	25°56	12° 2	17°11	20°27	10°43	17° 2	18°24	24°56	23° 3	M27
T 28	12 21 36	7° 3'19	0♒55	24°47	22° 0	17° 8	26° 9	12° 5	17°14	20°29	10°41	16°59	18°21	25° 2	23° 6	T 28
W29	12 25 32	8° 3'20	12°51	26° 3	23° 6	16°49	26°21	12° 7	17°17	20°31	10°40	16°55	18°18	25° 9	23° 9	W29
T 30	12 29 29	9° 3'20	24°55	27°13	24°11	16°30	26°33	12° 9	17°20	20°33	10°39	16°49	18°14	25°16	23°12	T 30
F 31	12 33 26	10♈ 3'18	7♓11	28♈16	25♉16	16♍12	26♒45	12♑12	17♉23	20♉34	10♍37	16♉42	18♉11	25♑23	23♑14	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s49	23s42	4s52	10s50	2s 6	8n 9	0s 4	4n55	4n11	15s 3	0s25	21s46	1n 7	16n11	0s24	16n 1	1s38	16n43	10n13	17n21	17n34	26s 0	14s49	6n52
T 2	7 26	20 31	5 1	10 10	2 5	8 39	0 0	5 4	4 11	14 58	0 26	21 46	1 7	16 12	0 24	16 1	1 38	16 43	10 14	17 18	17 33	25 59	14 48	6 53
F 3	7 3	16 26	4 57	9 28	2 4	9 8	0n 4	5 12	4 12	14 54	0 26	21 45	1 7	16 12	0 24	16 1	1 38	16 44	10 14	17 15	17 32	25 58	14 47	6 53
S 4	6 40	11 38	4 38	8 46	2 2	9 38	0 8	5 21	4 12	14 50	0 26	21 45	1 7	16 13	0 24	16 2	1 38	16 45	10 14	17 11	17 32	25 58	14 45	6 54
S 5	6 17	6 17	4 7	8 3	1 59	10 7	0 12	5 30	4 12	14 46	0 26	21 44	1 7	16 13	0 24	16 2	1 38	16 45	10 14	17 8	17 31	25 57	14 44	6 54
M 6	5 54	0 37	3 22	7 18	1 56	10 36	0 16	5 39	4 12	14 42	0 26	21 44	1 7	16 14	0 24	16 2	1 38	16 46	10 14	17 5	17 30	25 56	14 43	6 55
T 7	5 31	5n11	2 27	6 33	1 52	11 5	0 20	5 48	4 12	14 37	0 26	21 44	1 7	16 15	0 24	16 3	1 38	16 47	10 14	17 3	17 29	25 55	14 42	6 55
W 8	5 7	10 51	1 23	5 46	1 48	11 34	0 24	5 56	4 12	14 33	0 26	21 43	1 7	16 15	0 24	16 3	1 38	16 47	10 14	17 2	17 28	25 55	14 41	6 56
T 9	4 44	16 8	0 13	4 59	1 44	12 2	0 29	6 5	4 11	14 29	0 26	21 43	1 7	16 16	0 24	16 3	1 38	16 48	10 14	17 2	17 27	25 54	14 39	6 56
F 10	4 20	20 42	0n58	4 10	1 38	12 30	0 33	6 14	4 11	14 25	0 26	21 43	1 7	16 16	0 24	16 4	1 38	16 48	10 14	17 2	17 26	25 53	14 38	6 57
S 11	3 57	24 15	2 8	3 21	1 33	12 58	0 37	6 23	4 11	14 21	0 27	21 42	1 7	16 17	0 24	16 4	1 38	16 49	10 14	17 2	17 26	25 52	14 37	6 57
S 12	3 33	26 25	3 11	2 31	1 26	13 25	0 42	6 32	4 10	14 16	0 27	21 42	1 7	16 18	0 24	16 5	1 38	16 50	10 14	17 2	17 25	25 52	14 36	6 58
M13	3 9	26 55	4 4	1 40	1 19	13 53	0 46	6 41	4 9	14 12	0 27	21 42	1 7	16 18	0 24	16 5	1 38	16 50	10 14	17 2	17 24	25 51	14 35	6 59
T 14	2 46	25 38	4 42	0 48	1 12	14 20	0 50	6 50	4 9	14 8	0 27	21 41	1 7	16 19	0 24	16 5	1 38	16 51	10 14	17 1	17 23	25 50	14 34	6 59
W15	2 22	22 36	5 3	0n 4	1 4	14 46	0 55	6 58	4 8	14 4	0 27	21 41	1 7	16 20	0 24	16 6	1 38	16 51	10 14	16 59	17 22	25 49	14 32	7 0
T 16	1 58	18 8	5 4	0 56	0 55	15 13	0 59	7 7	4 7	14 0	0 27	21 41	1 7	16 20	0 24	16 6	1 37	16 52	10 14	16 57	17 21	25 48	14 31	7 0
F 17	1 34	12 35	4 45	1 49	0 46	15 39	1 4	7 15	4 6	13 55	0 27	21 40	1 7	16 21	0 24	16 7	1 37	16 52	10 14	16 55	17 20	25 48	14 30	7 1
S 18	1 10	6 24	4 8	2 42	0 36	16 4	1 8	7 23	4 4	13 51	0 27	21 40	1 7	16 22	0 24	16 7	1 37	16 53	10 14	16 52	17 19	25 47	14 29	7 1
S 19	0 47	0s 1	3 15	3 35	0 25	16 29	1 13	7 31	4 3	13 47	0 28	21 40	1 7	16 23	0 24	16 8	1 37	16 54	10 14	16 51	17 19	25 46	14 28	7 2
M20	0 23	6 17	2 13	4 27	0 14	16 54	1 18	7 39	4 2	13 43	0 28	21 39	1 7	16 23	0 24	16 8	1 37	16 54	10 14	16 49	17 18	25 45	14 27	7 3
T 21	0n 1	12 6	1 4	5 19	0 3	17 19	1 22	7 46	4 0	13 39	0 28	21 39	1 8	16 24	0 24	16 9	1 37	16 55	10 14	16 48	17 17	25 44	14 25	7 3
W22	0 25	17 12	0s 6	6 11	0n 9	17 43	1 27	7 54	3 59	13 35	0 28	21 39	1 8	16 25	0 24	16 9	1 37	16 55	10 14	16 48	17 16	25 43	14 24	7 4
T 23	0 49	21 23	1 14	7 2	0 22	18 7	1 31	8 1	3 57	13 31	0 28	21 38	1 8	16 26	0 24	16 9	1 37	16 56	10 14	16 48	17 15	25 43	14 23	7 4
F 24	1 12	24 29	2 17	7 51	0 34	18 30	1 36	8 8	3 56	13 27	0 28	21 38	1 8	16 26	0 24	16 10	1 37	16 56	10 14	16 49	17 14	25 42	14 22	7 5
S 25	1 36	26 24	3 12	8 40	0 47	18 53	1 40	8 15	3 54	13 23	0 28	21 38	1 8	16 27	0 24	16 10	1 37	16 57	10 14	16 49	17 13	25 41	14 21	7 6
S 26	2 0	27 3	3 58	9 26	1 1	19 16	1 45	8 21	3 52	13 18	0 28	21 37	1 8	16 28	0 24	16 11	1 37	16 57	10 14	16 49	17 13	25 40	14 20	7 6
M27	2 23	26 28	4 34	10 11	1 14	19 38	1 50	8 27	3 50	13 14	0 29	21 37	1 8	16 29	0 24	16 11	1 37	16 57	10 14	16 49	17 12	25 39	14 19	7 7
T 28	2 47	24 40	4 58	10 53	1 27	19 59	1 54	8 33	3 48	13 10	0 29	21 37	1 8	16 30	0 24	16 12	1 37	16 58	10 14	16 48	17 11	25 38	14 18	7 8
W29	3 11	21 47	5 9	11 33	1 40	20 21	1 59	8 39	3 46	13 6	0 29	21 37	1 8	16 30	0 24	16 12	1 37	16 58	10 14	16 47	17 10	25 37	14 16	7 8
T 30	3 34	17 57	5 7	12 11	1 53	20 41	2 3	8 44	3 44	13 2	0 29	21 36	1 8	16 31	0 24	16 13	1 37	16 59	10 14	16 45	17 9	25 36	14 15	7 9
F 31	3n57	13s19	4s51	12n45	2n 6	21n 2	2n 8	8n49	3n42	12s58	0s29	21s36	1n 8	16n32	0s24	16n13	1s37	16n59	10n14	16n43	17n 8	25s35	14s14	7n 9

Julian Day Number = 2888068.5, Delta T = 01h18m04s
Ecliptic obliquity = 23°17'11, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°28'43, Lahiri = 40°35'43

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ASTRODIENST EPHEMERIS for the year 3195
geocentric

APRIL 3195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 37 22	11♈ 3'14	19♓40	29♈12	26♉21	15°R55	26♒57	12♑14	17♉25	20♉36	10°R36	16°R35	18♉ 8	25♑29	23♑17	S 1
S 2	12 41 19	12° 3'08	2♈23	29°59	27°26	15♍38	27° 9	12°16	17°28	20°38	10♍35	16♉29	18° 5	25°36	23°20	S 2
M 3	12 45 15	13° 3'00	15°21	0♉40	28°30	15°22	27°21	12°18	17°31	20°40	10°34	16°25	18° 2	25°43	23°22	M 3
T 4	12 49 12	14° 2'51	28°33	1°12	29°34	15° 7	27°33	12°19	17°34	20°42	10°33	16°22	17°58	25°49	23°25	T 4
W 5	12 53 8	15° 2'39	11♉57	1°36	0♊38	14°52	27°45	12°21	17°37	20°44	10°31	16°D20	17°55	25°56	23°27	W 5
T 6	12 57 5	16° 2'26	25°33	1°52	1°42	14°38	27°57	12°23	17°40	20°46	10°30	16°21	17°52	26° 3	23°29	T 6
F 7	13 1 1	17° 2'10	9♊19	1°R59	2°45	14°25	28° 8	12°24	17°43	20°48	10°29	16°22	17°49	26°10	23°32	F 7
S 8	13 4 58	18° 1'52	23°14	1°58	3°48	14°13	28°20	12°26	17°46	20°50	10°28	16°23	17°46	26°16	23°34	S 8
S 9	13 8 54	19° 1'33	7♋17	1°49	4°50	14° 1	28°31	12°27	17°50	20°52	10°27	16°25	17°43	26°23	23°36	S 9
M10	13 12 51	20° 1'11	21°26	1°32	5°52	13°51	28°42	12°28	17°53	20°54	10°26	16°R25	17°39	26°30	23°38	M10
T 11	13 16 48	21° 0'46	5♌39	1° 8	6°54	13°41	28°54	12°29	17°56	20°56	10°25	16°24	17°36	26°36	23°40	T 11
W12	13 20 44	22° 0'19	19°54	0°37	7°56	13°31	29° 5	12°30	17°59	20°58	10°24	16°23	17°33	26°43	23°41	W12
T 13	13 24 41	22°59'50	4♍ 9	0° 1	8°57	13°23	29°16	12°31	18° 2	21° 0	10°23	16°20	17°30	26°50	23°43	T 13
F 14	13 28 37	23°59'19	18°19	29♈20	9°57	13°15	29°27	12°32	18° 5	21° 2	10°22	16°17	17°27	26°57	23°45	F 14
S 15	13 32 34	24°58'46	2♎20	28°35	10°58	13° 9	29°38	12°33	18° 9	21° 4	10°21	16°13	17°23	27° 3	23°46	S 15
S 16	13 36 30	25°58'10	16° 9	27°47	11°58	13° 3	29°48	12°33	18°12	21° 6	10°20	16°11	17°20	27°10	23°48	S 16
M17	13 40 27	26°57'33	29°42	26°57	12°57	12°57	29°59	12°34	18°15	21° 8	10°19	16° 9	17°17	27°17	23°49	M17
T 18	13 44 23	27°56'53	12♏57	26° 6	13°56	12°53	0♓10	12°34	18°18	21°10	10°18	16°D 8	17°14	27°23	23°50	T 18
W19	13 48 20	28°56'12	25°53	25°15	14°54	12°49	0°20	12°34	18°22	21°12	10°17	16° 9	17°11	27°30	23°52	W19
T 20	13 52 17	29°55'29	8♐31	24°25	15°52	12°46	0°30	12°35	18°25	21°14	10°16	16°10	17° 8	27°37	23°53	T 20
F 21	13 56 13	0♑54'44	20°53	23°37	16°50	12°44	0°41	12°35	18°28	21°16	10°15	16°11	17° 4	27°44	23°54	F 21
S 22	14 0 10	1°53'57	3♑ 2	22°52	17°47	12°42	0°51	12°R35	18°32	21°19	10°14	16°12	17° 1	27°50	23°55	S 22
S 23	14 4 6	2°53'08	15° 1	22°11	18°44	12°42	1° 1	12°35	18°35	21°21	10°14	16°13	16°58	27°57	23°55	S 23
M24	14 8 3	3°52'18	26°54	21°34	19°40	12°D42	1°11	12°34	18°38	21°23	10°13	16°14	16°55	28° 4	23°56	M24
T 25	14 11 59	4°51'26	8♒47	21° 2	20°35	12°42	1°20	12°34	18°42	21°25	10°12	16°R14	16°52	28°10	23°57	T 25
W26	14 15 56	5°50'33	20°44	20°34	21°30	12°44	1°30	12°34	18°45	21°27	10°11	16°14	16°49	28°17	23°57	W26
T 27	14 19 52	6°49'37	2♓50	20°12	22°24	12°46	1°40	12°33	18°48	21°30	10°11	16°13	16°45	28°24	23°58	T 27
F 28	14 23 49	7°48'40	15° 8	19°55	23°18	12°49	1°49	12°33	18°52	21°32	10°10	16°12	16°42	28°31	23°58	F 28
S 29	14 27 46	8°47'41	27°42	19°44	24°11	12°52	1°59	12°32	18°55	21°34	10° 9	16°11	16°39	28°37	23°59	S 29
S 30	14 31 42	9♉46'40	10♈35	19♈37	25♊ 3	12♍56	2♓ 8	12♑31	18♉58	21♉36	10♍ 9	16♉10	16♉36	28♑44	23♑59	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n21	8s 4	4s20	13n16	2n18	21n22	2n12	8n54	3n40	12s54	0s29	21s36	1n 8	16n33	0s24	16n14	1s37	17n 0	10n13	16n41	17n 7	25s35	14s13	7n10
S 2	4 44	2 22	3 37	13 44	2 29	21 41	2 17	8 58	3 37	12 50	0 29	21 36	1 8	16 34	0 24	16 14	1 37	17 0	10 13	16 40	17 6	25 34	14 12	7 11
M 3	5 7	3n32	2 41	14 8	2 40	22 0	2 21	9 2	3 35	12 47	0 30	21 36	1 8	16 34	0 24	16 15	1 37	17 0	10 13	16 38	17 6	25 33	14 11	7 11
T 4	5 30	9 24	1 36	14 28	2 50	22 18	2 26	9 6	3 33	12 43	0 30	21 35	1 8	16 35	0 24	16 15	1 37	17 1	10 13	16 38	17 5	25 32	14 10	7 12
W 5	5 53	14 57	0 24	14 45	2 58	22 36	2 30	9 10	3 30	12 39	0 30	21 35	1 8	16 36	0 24	16 16	1 37	17 1	10 13	16 37	17 4	25 31	14 9	7 13
T 6	6 16	19 50	0n50	14 57	3 6	22 54	2 35	9 13	3 28	12 35	0 30	21 35	1 8	16 37	0 24	16 16	1 37	17 1	10 13	16 37	17 3	25 30	14 8	7 13
F 7	6 39	23 44	2 3	15 5	3 12	23 10	2 39	9 15	3 26	12 31	0 30	21 35	1 8	16 38	0 24	16 17	1 37	17 2	10 13	16 38	17 2	25 29	14 7	7 14
S 8	7 2	26 15	3 8	15 9	3 17	23 27	2 43	9 18	3 23	12 27	0 30	21 35	1 8	16 39	0 23	16 18	1 37	17 2	10 13	16 38	17 1	25 28	14 6	7 15
S 9	7 24	27 9	4 4	15 9	3 20	23 43	2 48	9 20	3 21	12 23	0 30	21 34	1 8	16 40	0 23	16 18	1 37	17 2	10 13	16 38	17 0	25 27	14 5	7 15
M10	7 47	26 17	4 45	15 5	3 22	23 58	2 52	9 22	3 18	12 20	0 31	21 34	1 8	16 41	0 23	16 19	1 37	17 3	10 13	16 38	16 59	25 26	14 4	7 16
T 11	8 9	23 43	5 8	14 57	3 21	24 13	2 56	9 23	3 16	12 16	0 31	21 34	1 8	16 41	0 23	16 19	1 37	17 3	10 12	16 38	16 58	25 25	14 3	7 17
W12	8 31	19 42	5 13	14 44	3 20	24 27	3 0	9 25	3 13	12 12	0 31	21 34	1 9	16 42	0 23	16 20	1 36	17 3	10 12	16 38	16 58	25 24	14 2	7 18
T 13	8 53	14 34	4 59	14 28	3 16	24 41	3 4	9 26	3 11	12 9	0 31	21 34	1 9	16 43	0 23	16 20	1 36	17 4	10 12	16 37	16 57	25 23	14 1	7 18
F 14	9 15	8 41	4 26	14 8	3 10	24 54	3 8	9 26	3 8	12 5	0 31	21 34	1 9	16 44	0 23	16 21	1 36	17 4	10 12	16 36	16 56	25 22	14 0	7 19
S 15	9 37	2 25	3 38	13 45	3 3	25 7	3 12	9 26	3 5	12 1	0 31	21 34	1 9	16 45	0 23	16 21	1 36	17 4	10 12	16 35	16 55	25 21	13 59	7 20
S 16	9 58	3s53	2 38	13 20	2 54	25 19	3 16	9 26	3 3	11 58	0 32	21 34	1 9	16 46	0 23	16 22	1 36	17 4	10 12	16 34	16 54	25 20	13 58	7 20
M17	10 19	9 54	1 29	12 52	2 44	25 31	3 20	9 26	3 0	11 54	0 32	21 33	1 9	16 47	0 23	16 23	1 36	17 5	10 12	16 34	16 53	25 19	13 57	7 21
T 18	10 41	15 21	0 18	12 22	2 32	25 42	3 24	9 25	2 58	11 51	0 32	21 33	1 9	16 48	0 23	16 23	1 36	17 5	10 12	16 34	16 52	25 18	13 57	7 22
W19	11 2	19 58	0s54	11 52	2 19	25 52	3 27	9 24	2 55	11 47	0 32	21 33	1 9	16 49	0 23	16 24	1 36	17 5	10 11	16 34	16 51	25 17	13 56	7 22
T 20	11 22	23 34	2 0	11 20	2 5	26 2	3 31	9 23	2 53	11 44	0 32	21 33	1 9	16 50	0 23	16 24	1 36	17 5	10 11	16 34	16 50	25 16	13 55	7 23
F 21	11 43	25 58	3 0	10 49	1 49	26 12	3 34	9 22	2 50	11 40	0 32	21 33	1 9	16 50	0 23	16 25	1 36	17 5	10 11	16 34	16 50	25 15	13 54	7 24
S 22	12 3	27 6	3 51	10 17	1 34	26 20	3 38	9 20	2 48	11 37	0 33	21 33	1 9	16 51	0 23	16 25	1 36	17 6	10 11	16 35	16 49	25 13	13 53	7 24
S 23	12 24	26 56	4 31	9 47	1 18	26 29	3 41	9 18	2 45	11 33	0 33	21 33	1 9	16 52	0 23	16 26	1 36	17 6	10 11	16 35	16 48	25 12	13 52	7 25
M24	12 44	25 31	4 59	9 18	1 1	26 37	3 44	9 16	2 43	11 30	0 33	21 33	1 9	16 53	0 23	16 27	1 36	17 6	10 11	16 35	16 47	25 11	13 51	7 26
T 25	13 4	22 59	5 14	8 51	0 45	26 44	3 47	9 13	2 40	11 27	0 33	21 33	1 9	16 54	0 23	16 27	1 36	17 6	10 10	16 35	16 46	25 10	13 51	7 26
W26	13 23	19 28	5 15	8 25	0 28	26 51	3 50	9 10	2 38	11 23	0 33	21 33	1 9	16 55	0 23	16 28	1 36	17 6	10 10	16 35	16 45	25 9	13 50	7 27
T 27	13 42	15 7	5 3	8 2	0 12	26 57	3 53	9 7	2 35	11 20	0 33	21 33	1 9	16 56	0 23	16 28	1 36	17 6	10 10	16 35	16 44	25 8	13 49	7 28
F 28	14 2	10 5	4 37	7 41	0s 4	27 3	3 56	9 4	2 33	11 17	0 34	21 33	1 9	16 57	0 23	16 29	1 36	17 6	10 10	16 35	16 43	25 7	13 48	7 29
S 29	14 20	4 32	3 57	7 22	0 19	27 8	3 59	9 0	2 30	11 14	0 34	21 33	1 9	16 58	0 23	16 29	1 36	17 6	10 10	16 34	16 42	25 6	13 48	7 29
S 30	14n39	1n20	3s 5	7n 6	0s34	27n13	4n 1	8n56	2n28	11s11	0s34	21s33	1n 9	16n59	0s23	16n30	1s36	17n 7	10n10	16n34	16n42	25s 5	13s47	7n30

Julian Day Number = 2888099.5, Delta T = 01h18m05s
Ecliptic obliquity = 23°17'12, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°28'47, Lahiri = 40°35'47

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ASTRODIENST EPHEMERIS for the year 3195
geocentric

MAY 3195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 35 39	10♉45'37	23♈47	19°D37	25♊55	13♍ 1	2♓17	12°R30	19♉ 2	21♉38	10°R 8	16°R 9	16♉33	28♑51	23♑59	M 1
T 2	14 39 35	11°44'33	7♉18	19♈41	26°46	13° 7	2°26	12♑29	19° 5	21°41	10♍ 7	16♉ 9	16°29	28°57	23°R59	T 2
W 3	14 43 32	12°43'27	21° 7	19°51	27°36	13°13	2°35	12°28	19° 9	21°43	10° 7	16°D 9	16°26	29° 4	23°59	W 3
T 4	14 47 28	13°42'19	5♊10	20° 6	28°26	13°20	2°43	12°27	19°12	21°45	10° 6	16° 9	16°23	29°11	23°59	T 4
F 5	14 51 25	14°41'08	19°24	20°25	29°14	13°28	2°52	12°26	19°16	21°47	10° 6	16° 9	16°20	29°18	23°59	F 5
S 6	14 55 21	15°39'56	3♋45	20°49	0♋ 2	13°36	3° 0	12°24	19°19	21°50	10° 5	16° 9	16°17	29°24	23°58	S 6
S 7	14 59 18	16°38'42	18° 7	21°18	0°49	13°44	3° 9	12°23	19°22	21°52	10° 5	16°R 9	16°14	29°31	23°58	S 7
M 8	15 3 15	17°37'25	2♌27	21°51	1°36	13°54	3°17	12°21	19°26	21°54	10° 5	16° 9	16°10	29°38	23°57	M 8
T 9	15 7 11	18°36'06	16°42	22°27	2°21	14° 4	3°25	12°20	19°29	21°56	10° 4	16°D 9	16° 7	29°44	23°57	T 9
W10	15 11 8	19°34'45	0♍49	23° 8	3° 5	14°14	3°33	12°18	19°33	21°59	10° 4	16° 9	16° 4	29°51	23°56	W10
T 11	15 15 4	20°33'21	14°46	23°52	3°48	14°25	3°41	12°16	19°36	22° 1	10° 4	16° 9	16° 1	29°58	23°55	T 11
F 12	15 19 1	21°31'56	28°32	24°40	4°31	14°37	3°48	12°14	19°40	22° 3	10° 3	16°10	15°58	0♒ 5	23°55	F 12
S 13	15 22 57	22°30'28	12♎ 6	25°31	5°12	14°49	3°56	12°12	19°43	22° 6	10° 3	16°10	15°55	0°11	23°54	S 13
S 14	15 26 54	23°28'58	25°27	26°25	5°52	15° 2	4° 3	12°10	19°47	22° 8	10° 3	16°11	15°51	0°18	23°53	S 14
M15	15 30 50	24°27'26	8♏35	27°23	6°31	15°15	4°10	12° 8	19°50	22°10	10° 2	16°11	15°48	0°25	23°52	M15
T 16	15 34 47	25°25'53	21°30	28°23	7° 8	15°28	4°17	12° 6	19°53	22°12	10° 2	16°R11	15°45	0°31	23°51	T 16
W17	15 38 44	26°24'18	4♐10	29°26	7°45	15°43	4°24	12° 3	19°57	22°15	10° 2	16°11	15°42	0°38	23°49	W17
T 18	15 42 40	27°22'41	16°38	0♑32	8°20	15°57	4°31	12° 1	20° 0	22°17	10° 2	16°10	15°39	0°45	23°48	T 18
F 19	15 46 37	28°21'02	28°54	1°40	8°54	16°12	4°38	11°58	20° 4	22°19	10° 2	16° 8	15°35	0°52	23°47	F 19
S 20	15 50 33	29°19'22	11♑ 0	2°51	9°26	16°28	4°44	11°56	20° 7	22°21	10° 2	16° 7	15°32	0°58	23°45	S 20
S 21	15 54 30	0♊17'40	22°58	4° 4	9°57	16°44	4°51	11°53	20°11	22°24	10° 2	16° 5	15°29	1° 5	23°44	S 21
M22	15 58 26	1°15'56	4♒52	5°20	10°26	17° 0	4°57	11°50	20°14	22°26	10°D 2	16° 3	15°26	1°12	23°42	M22
T 23	16 2 23	2°14'11	16°44	6°38	10°54	17°17	5° 3	11°47	20°17	22°28	10° 2	16° 1	15°23	1°18	23°40	T 23
W24	16 6 19	3°12'25	28°41	7°59	11°21	17°35	5° 9	11°45	20°21	22°30	10° 2	16°D 1	15°20	1°25	23°39	W24
T 25	16 10 16	4°10'37	10♓45	9°21	11°45	17°52	5°14	11°42	20°24	22°33	10° 2	16° 1	15°16	1°32	23°37	T 25
F 26	16 14 13	5° 8'47	23° 2	10°46	12° 8	18°10	5°20	11°39	20°27	22°35	10° 2	16° 1	15°13	1°39	23°35	F 26
S 27	16 18 9	6° 6'57	5♈36	12°13	12°29	18°29	5°25	11°35	20°31	22°37	10° 2	16° 3	15°10	1°45	23°33	S 27
S 28	16 22 6	7° 5'05	18°30	13°42	12°48	18°48	5°30	11°32	20°34	22°39	10° 2	16° 4	15° 7	1°52	23°31	S 28
M29	16 26 2	8° 3'11	1♉48	15°13	13° 6	19° 7	5°35	11°29	20°37	22°41	10° 2	16° 5	15° 4	1°59	23°29	M29
T 30	16 29 59	9° 1'16	15°31	16°46	13°21	19°27	5°40	11°26	20°41	22°44	10° 3	16°R 6	15° 1	2° 6	23°26	T 30
W31	16 33 55	9♊59'20	29♉36	18♉21	13♋35	19♍47	5♓45	11♑22	20♉44	22♉46	10♍ 3	16♉ 5	14♉57	2♒12	23♑24	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n57	7n18	2s 1	6n53	0s48	27n17	4n 3	8n52	2n26	11s 8	0s34	21s33	1n 9	17n 0	0s23	16n31	1s36	17n 7	10n 9	16n34	16n41	25s 3	13s46	7n31
T 2	15 16	13 5	0 49	6 42	1 2	27 20	4 6	8 48	2 23	11 5	0 34	21 33	1 9	17 1	0 23	16 31	1 36	17 7	10 9	16 34	16 40	25 2	13 46	7 31
W 3	15 34	18 22	0n28	6 33	1 15	27 24	4 8	8 43	2 21	11 2	0 34	21 33	1 9	17 2	0 23	16 32	1 36	17 7	10 9	16 34	16 39	25 1	13 45	7 32
T 4	15 51	22 43	1 44	6 28	1 27	27 26	4 10	8 39	2 19	10 59	0 35	21 33	1 9	17 3	0 23	16 32	1 36	17 7	10 9	16 34	16 38	25 0	13 44	7 33
F 5	16 8	25 46	2 54	6 24	1 39	27 29	4 12	8 34	2 16	10 56	0 35	21 33	1 9	17 3	0 23	16 33	1 36	17 7	10 9	16 34	16 37	24 59	13 44	7 33
S 6	16 26	27 8	3 54	6 23	1 49	27 30	4 13	8 28	2 14	10 53	0 35	21 34	1 9	17 4	0 23	16 34	1 36	17 7	10 8	16 34	16 36	24 58	13 43	7 34
S 7	16 42	26 41	4 40	6 24	1 59	27 32	4 15	8 23	2 12	10 50	0 35	21 34	1 9	17 5	0 23	16 34	1 36	17 7	10 8	16 34	16 35	24 56	13 42	7 35
M 8	16 59	24 29	5 8	6 28	2 9	27 33	4 16	8 17	2 10	10 47	0 35	21 34	1 10	17 6	0 23	16 35	1 36	17 7	10 8	16 34	16 34	24 55	13 42	7 35
T 9	17 15	20 46	5 17	6 34	2 17	27 33	4 17	8 12	2 7	10 45	0 36	21 34	1 10	17 7	0 23	16 35	1 36	17 7	10 8	16 34	16 33	24 54	13 41	7 36
W10	17 31	15 54	5 7	6 41	2 25	27 33	4 18	8 5	2 5	10 42	0 36	21 34	1 10	17 8	0 23	16 36	1 36	17 7	10 8	16 34	16 32	24 53	13 41	7 37
T 11	17 47	10 15	4 38	6 51	2 32	27 33	4 19	7 59	2 3	10 39	0 36	21 34	1 10	17 9	0 23	16 36	1 36	17 6	10 7	16 34	16 32	24 52	13 40	7 37
F 12	18 2	4 10	3 54	7 2	2 38	27 32	4 19	7 53	2 1	10 37	0 36	21 34	1 10	17 10	0 23	16 37	1 36	17 6	10 7	16 34	16 31	24 50	13 40	7 38
S 13	18 17	2s 1	2 58	7 16	2 44	27 31	4 20	7 46	1 59	10 34	0 36	21 34	1 10	17 11	0 23	16 38	1 36	17 6	10 7	16 34	16 30	24 49	13 39	7 39
S 14	18 32	8 2	1 52	7 30	2 49	27 29	4 20	7 39	1 57	10 32	0 37	21 35	1 10	17 12	0 23	16 38	1 36	17 6	10 7	16 34	16 29	24 48	13 39	7 39
M15	18 46	13 37	0 42	7 47	2 53	27 27	4 20	7 32	1 54	10 29	0 37	21 35	1 10	17 13	0 23	16 39	1 36	17 6	10 7	16 35	16 28	24 47	13 38	7 40
T 16	19 0	18 30	0s29	8 5	2 56	27 25	4 19	7 25	1 52	10 27	0 37	21 35	1 10	17 14	0 23	16 39	1 36	17 6	10 6	16 35	16 27	24 45	13 38	7 41
W17	19 14	22 27	1 38	8 24	2 59	27 22	4 19	7 18	1 50	10 25	0 37	21 35	1 10	17 15	0 23	16 40	1 36	17 6	10 6	16 34	16 26	24 44	13 37	7 41
T 18	19 27	25 17	2 41	8 45	3 1	27 19	4 18	7 10	1 48	10 22	0 37	21 35	1 10	17 16	0 23	16 40	1 36	17 6	10 6	16 34	16 25	24 43	13 37	7 42
F 19	19 40	26 52	3 35	9 7	3 3	27 16	4 17	7 3	1 46	10 20	0 38	21 36	1 10	17 16	0 23	16 41	1 36	17 6	10 6	16 34	16 24	24 42	13 37	7 43
S 20	19 53	27 8	4 18	9 30	3 4	27 12	4 15	6 55	1 44	10 18	0 38	21 36	1 10	17 17	0 23	16 42	1 36	17 5	10 5	16 33	16 23	24 40	13 36	7 43
S 21	20 5	26 7	4 50	9 55	3 4	27 8	4 14	6 47	1 42	10 16	0 38	21 36	1 10	17 18	0 23	16 42	1 36	17 5	10 5	16 33	16 22	24 39	13 36	7 44
M22	20 17	23 56	5 9	10 20	3 3	27 4	4 12	6 39	1 41	10 14	0 38	21 36	1 10	17 19	0 23	16 43	1 36	17 5	10 5	16 32	16 21	24 38	13 35	7 44
T 23	20 29	20 44	5 15	10 46	3 3	26 59	4 9	6 30	1 39	10 12	0 39	21 37	1 10	17 20	0 23	16 43	1 36	17 5	10 5	16 32	16 21	24 36	13 35	7 45
W24	20 40	16 40	5 8	11 13	3 1	26 54	4 7	6 22	1 37	10 10	0 39	21 37	1 10	17 21	0 23	16 44	1 36	17 5	10 5	16 31	16 20	24 35	13 35	7 46
T 25	20 51	11 55	4 47	11 41	2 59	26 49	4 4	6 13	1 35	10 8	0 39	21 37	1 10	17 22	0 23	16 44	1 36	17 4	10 4	16 31	16 19	24 34	13 35	7 46
F 26	21 1	6 37	4 12	12 10	2 56	26 44	4 1	6 5	1 33	10 6	0 39	21 37	1 10	17 23	0 23	16 45	1 36	17 4	10 4	16 32	16 18	24 33	13 34	7 47
S 27	21 11	0 56	3 25	12 39	2 53	26 38	3 57	5 56	1 31	10 5	0 39	21 38	1 10	17 24	0 23	16 45	1 36	17 4	10 4	16 32	16 17	24 31	13 34	7 47
S 28	21 21	4n57	2 26	13 9	2 49	26 32	3 53	5 47	1 30	10 3	0 40	21 38	1 10	17 25	0 23	16 46	1 36	17 4	10 4	16 33	16 16	24 30	13 34	7 48
M29	21 31	10 48	1 18	13 40	2 45	26 26	3 49	5 38	1 28	10 1	0 40	21 38	1 10	17 25	0 23	16 47	1 36	17 3	10 3	16 33	16 15	24 29	13 34	7 48
T 30	21 40	16 20	0 3	14 11	2 40	26 20	3 44	5 28	1 26	10 0	0 40	21 38	1 10	17 26	0 23	16 47	1 36	17 3	10 3	16 33	16 14	24 27	13 33	7 49
W31	21n48	21n 8	1n14	14n42	2s34	26n14	3n39	5n19	1n24	9s58	0s40	21s39	1n10	17n27	0s23	16n48	1s36	17n 3	10n 3	16n33	16n13	24s26	13s33	7n50

Julian Day Number = 2888129.5, Delta T = 01h18m05s
Ecliptic obliquity = 23°17'11, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°28'51, Lahiri = 40°35'51

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ASTRODIENST EPHEMERIS for the year 3195
geocentric

JUNE 3195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 37 52	10♊57'22	14♊ 2	19♉59	13♋46	20♍ 8	5♓49	11°R19	20♉47	22♉48	10♍ 3	16°R 4	14♉54	2♒19	23°R22	T 1
F 2	16 41 48	11°55'23	28°43	21°38	13°55	20°28	5°54	11♂15	20°51	22°50	10° 3	16♉ 1	14°51	2°26	23♂19	F 2
S 3	16 45 45	12°53'23	13♋31	23°19	14° 2	20°50	5°58	11°12	20°54	22°52	10° 4	15°57	14°48	2°32	23°17	S 3
S 4	16 49 42	13°51'20	28°18	25° 3	14° 7	21°11	6° 2	11° 8	20°57	22°55	10° 4	15°54	14°45	2°39	23°14	S 4
M 5	16 53 38	14°49'16	12♌58	26°48	14° 9	21°33	6° 6	11° 4	21° 0	22°57	10° 5	15°50	14°41	2°46	23°12	M 5
T 6	16 57 35	15°47'10	27°26	28°36	14°R 9	21°55	6° 9	11° 1	21° 4	22°59	10° 5	15°48	14°38	2°53	23° 9	T 6
W 7	17 1 31	16°45'02	11♍36	0♊25	14° 7	22°18	6°13	10°57	21° 7	23° 1	10° 5	15°D47	14°35	2°59	23° 6	W 7
T 8	17 5 28	17°42'53	25°27	2°17	14° 2	22°40	6°16	10°53	21°10	23° 3	10° 6	15°47	14°32	3° 6	23° 3	T 8
F 9	17 9 24	18°40'42	9♎ 0	4°11	13°55	23° 4	6°19	10°49	21°13	23° 5	10° 6	15°48	14°29	3°13	23° 1	F 9
S 10	17 13 21	19°38'29	22°16	6° 7	13°45	23°27	6°22	10°45	21°16	23° 7	10° 7	15°49	14°26	3°19	22°58	S 10
S 11	17 17 18	20°36'15	5♏16	8° 4	13°33	23°51	6°25	10°41	21°19	23° 9	10° 7	15°51	14°22	3°26	22°55	S 11
M12	17 21 14	21°33'59	18° 2	10° 4	13°18	24°15	6°27	10°37	21°22	23°11	10° 8	15°R51	14°19	3°33	22°52	M12
T 13	17 25 11	22°31'42	0♐37	12° 5	13° 1	24°39	6°29	10°33	21°25	23°13	10° 9	15°50	14°16	3°40	22°49	T 13
W14	17 29 7	23°29'23	13° 1	14° 9	12°42	25° 4	6°32	10°29	21°28	23°15	10° 9	15°47	14°13	3°46	22°45	W14
T 15	17 33 4	24°27'04	25°15	16°14	12°20	25°28	6°34	10°25	21°32	23°17	10°10	15°43	14°10	3°53	22°42	T 15
F 16	17 37 0	25°24'43	7♑22	18°21	11°57	25°53	6°35	10°20	21°35	23°19	10°11	15°36	14° 7	4° 0	22°39	F 16
S 17	17 40 57	26°22'21	19°23	20°29	11°31	26°19	6°37	10°16	21°37	23°21	10°11	15°29	14° 3	4° 7	22°36	S 17
S 18	17 44 53	27°19'58	1♒18	22°38	11° 3	26°44	6°38	10°12	21°40	23°23	10°12	15°22	14° 0	4°13	22°32	S 18
M19	17 48 50	28°17'34	13°11	24°48	10°33	27°10	6°40	10° 8	21°43	23°25	10°13	15°14	13°57	4°20	22°29	M19
T 20	17 52 47	29°15'09	25° 3	27° 0	10° 2	27°36	6°41	10° 3	21°46	23°27	10°14	15° 8	13°54	4°27	22°26	T 20
W21	17 56 43	0♋12'43	6♓59	29°12	9°29	28° 3	6°42	9°59	21°49	23°29	10°14	15° 4	13°51	4°33	22°22	W21
T 22	18 0 40	1°10'16	19° 1	1♋24	8°55	28°29	6°42	9°55	21°52	23°31	10°15	15° 1	13°47	4°40	22°19	T 22
F 23	18 4 36	2° 7'48	1♈16	3°36	8°19	28°56	6°43	9°50	21°55	23°33	10°16	15°D 0	13°44	4°47	22°15	F 23
S 24	18 8 33	3° 5'20	13°46	5°48	7°43	29°23	6°43	9°46	21°58	23°35	10°17	15° 0	13°41	4°54	22°12	S 24
S 25	18 12 29	4° 2'51	26°37	8° 0	7° 6	29°50	6°R43	9°42	22° 0	23°37	10°18	15° 2	13°38	5° 0	22° 8	S 25
M26	18 16 26	5° 0'21	9♉53	10°11	6°29	0♎18	6°43	9°37	22° 3	23°38	10°19	15°R 2	13°35	5° 7	22° 5	M26
T 27	18 20 22	5°57'51	23°36	12°21	5°51	0°46	6°43	9°33	22° 6	23°40	10°20	15° 2	13°32	5°14	22° 1	T 27
W28	18 24 19	6°55'21	7♊47	14°29	5°14	1°13	6°42	9°28	22° 8	23°42	10°21	15° 0	13°28	5°20	21°57	W28
T 29	18 28 16	7°52'49	22°24	16°36	4°36	1°42	6°42	9°24	22°11	23°44	10°22	14°56	13°25	5°27	21°54	T 29
F 30	18 32 12	8♋50'17	7♋20	18♋42	4♋ 0	2♎10	6♓41	9♑19	22♉14	23♉45	10♍23	14♉50	13♉22	5♒34	21♑50	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n57	24n47	2n27	15n14	2s28	26n 7	3n33	5n 9	1n23	9s57	0s41	21s39	1n10	17n28	0s23	16n48	1s36	17n 2	10n 3	16n32	16n12	24s24	13s33	7n50
F 2	22 4	26 50	3 33	15 46	2 22	26 0	3 27	5 0	1 21	9 55	0 41	21 39	1 10	17 29	0 23	16 49	1 36	17 2	10 3	16 32	16 11	24 23	13 33	7 51
S 3	22 12	26 59	4 24	16 18	2 15	25 53	3 21	4 50	1 19	9 54	0 41	21 40	1 10	17 30	0 23	16 49	1 36	17 2	10 2	16 31	16 10	24 22	13 33	7 51
S 4	22 19	25 14	4 58	16 50	2 8	25 46	3 14	4 40	1 18	9 53	0 41	21 40	1 10	17 31	0 23	16 50	1 36	17 1	10 2	16 29	16 9	24 20	13 33	7 52
M 5	22 26	21 48	5 12	17 22	2 0	25 38	3 7	4 30	1 16	9 52	0 41	21 40	1 10	17 31	0 23	16 50	1 36	17 1	10 2	16 28	16 9	24 19	13 33	7 52
T 6	22 32	17 5	5 6	17 54	1 52	25 30	2 59	4 20	1 14	9 51	0 42	21 41	1 10	17 32	0 23	16 51	1 36	17 1	10 2	16 28	16 8	24 18	13 33	7 53
W 7	22 38	11 31	4 42	18 26	1 43	25 23	2 51	4 9	1 13	9 50	0 42	21 41	1 10	17 33	0 23	16 51	1 36	17 0	10 2	16 27	16 7	24 16	13 33	7 53
T 8	22 43	5 29	4 1	18 57	1 34	25 14	2 42	3 59	1 11	9 49	0 42	21 41	1 10	17 34	0 23	16 52	1 36	17 0	10 1	16 27	16 6	24 15	13 33	7 54
F 9	22 48	0s40	3 8	19 27	1 25	25 6	2 33	3 48	1 10	9 48	0 42	21 42	1 10	17 35	0 23	16 52	1 36	17 0	10 1	16 28	16 5	24 13	13 33	7 54
S 10	22 53	6 41	2 5	19 57	1 15	24 57	2 23	3 38	1 8	9 47	0 43	21 42	1 10	17 36	0 23	16 53	1 36	16 59	10 1	16 28	16 4	24 12	13 33	7 54
S 11	22 57	12 18	0 57	20 26	1 5	24 49	2 13	3 27	1 7	9 46	0 43	21 42	1 10	17 36	0 23	16 53	1 36	16 59	10 1	16 29	16 3	24 10	13 33	7 55
M12	23 1	17 17	0s12	20 54	0 55	24 40	2 3	3 16	1 5	9 45	0 43	21 43	1 9	17 37	0 23	16 54	1 36	16 58	10 0	16 29	16 2	24 9	13 33	7 55
T 13	23 5	21 27	1 20	21 21	0 45	24 30	1 52	3 5	1 4	9 45	0 43	21 43	1 9	17 38	0 23	16 54	1 36	16 58	10 0	16 28	16 1	24 8	13 33	7 56
W14	23 8	24 34	2 22	21 47	0 34	24 21	1 40	2 54	1 2	9 44	0 44	21 43	1 9	17 39	0 23	16 55	1 37	16 58	10 0	16 28	16 0	24 6	13 33	7 56
T 15	23 10	26 29	3 17	22 11	0 24	24 11	1 28	2 43	1 1	9 44	0 44	21 44	1 9	17 39	0 23	16 55	1 37	16 57	10 0	16 26	15 59	24 5	13 33	7 57
F 16	23 12	27 8	4 3	22 34	0 13	24 1	1 16	2 32	0 59	9 43	0 44	21 44	1 9	17 40	0 23	16 56	1 37	16 57	10 0	16 25	15 58	24 3	13 33	7 57
S 17	23 14	26 28	4 37	22 55	0 2	23 50	1 3	2 20	0 58	9 43	0 44	21 44	1 9	17 41	0 23	16 56	1 37	16 56	9 59	16 22	15 57	24 2	13 33	7 57
S 18	23 16	24 36	4 59	23 13	0n 8	23 40	0 50	2 9	0 56	9 42	0 45	21 45	1 9	17 42	0 23	16 56	1 37	16 56	9 59	16 20	15 56	24 0	13 33	7 58
M19	23 17	21 41	5 8	23 30	0 19	23 29	0 37	1 58	0 55	9 42	0 45	21 45	1 9	17 43	0 23	16 57	1 37	16 55	9 59	16 18	15 55	23 59	13 34	7 58
T 20	23 17	17 51	5 4	23 44	0 29	23 17	0 23	1 46	0 54	9 42	0 45	21 46	1 9	17 43	0 23	16 57	1 37	16 55	9 59	16 16	15 55	23 57	13 34	7 58
W21	23 17	13 19	4 46	23 56	0 39	23 6	0 9	1 34	0 52	9 42	0 45	21 46	1 9	17 44	0 23	16 58	1 37	16 54	9 59	16 15	15 54	23 56	13 34	7 59
T 22	23 17	8 15	4 16	24 5	0 49	22 54	0s 5	1 23	0 51	9 42	0 45	21 46	1 9	17 45	0 23	16 58	1 37	16 54	9 58	16 14	15 53	23 54	13 34	7 59
F 23	23 16	2 46	3 34	24 12	0 58	22 42	0 19	1 11	0 49	9 42	0 46	21 47	1 9	17 45	0 23	16 59	1 37	16 53	9 58	16 14	15 52	23 53	13 34	7 59
S 24	23 15	2n56	2 40	24 16	1 6	22 30	0 33	0 59	0 48	9 42	0 46	21 47	1 9	17 46	0 23	16 59	1 37	16 53	9 58	16 14	15 51	23 51	13 35	8 0
S 25	23 13	8 41	1 38	24 17	1 15	22 18	0 48	0 47	0 47	9 42	0 46	21 47	1 9	17 47	0 23	17 0	1 37	16 52	9 58	16 14	15 50	23 50	13 35	8 0
M26	23 12	14 15	0 28	24 16	1 22	22 6	1 2	0 35	0 46	9 43	0 46	21 48	1 9	17 48	0 23	17 0	1 37	16 52	9 58	16 15	15 49	23 48	13 35	8 0
T 27	23 9	19 18	0n46	24 12	1 29	21 53	1 16	0 23	0 44	9 43	0 47	21 48	1 9	17 48	0 23	17 0	1 37	16 51	9 57	16 15	15 48	23 47	13 36	8 0
W28	23 6	23 26	1 59	24 5	1 35	21 41	1 30	0 10	0 43	9 43	0 47	21 49	1 9	17 49	0 23	17 1	1 37	16 51	9 57	16 14	15 47	23 45	13 36	8 1
T 29	23 3	26 10	3 6	23 55	1 40	21 28	1 44	0s 2	0 42	9 44	0 47	21 49	1 9	17 50	0 23	17 1	1 37	16 50	9 57	16 13	15 46	23 43	13 36	8 1
F 30	23n 0	27n 7	4n 3	23n44	1n45	21n16	1s58	0s14	0n40	9s44	0s47	21s49	1n 8	17n50	0s23	17n 2	1s37	16n49	9n57	16n11	15n45	23s42	13s37	8n 1

Julian Day Number = 2888160.5, Delta T = 01h18m06s
Ecliptic obliquity = 23°17'11, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°28'55, Lahiri = 40°35'56

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ASTRODIENST EPHEMERIS for the year 3195
geocentric

JULY 3195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 36 9	9♋47'44	22♋28	20♋46	3°R24	2♎39	6°R40	9°R15	22♉16	23♉47	10♍24	14°R42	13♉19	5♒41	21°R46	S 1
S 2	18 40 5	10°45'10	7♌38	22°47	2♋49	3° 7	6♓38	9♏10	22°19	23°49	10°25	14♉34	13°16	5°47	21♏42	S 2
M 3	18 44 2	11°42'36	22°39	24°47	2°15	3°36	6°37	9° 6	22°21	23°51	10°26	14°26	13°13	5°54	21°39	M 3
T 4	18 47 58	12°40'00	7♍23	26°45	1°42	4° 5	6°35	9° 2	22°24	23°52	10°27	14°20	13° 9	6° 1	21°35	T 4
W 5	18 51 55	13°37'23	21°44	28°40	1°11	4°35	6°33	8°57	22°26	23°54	10°29	14°16	13° 6	6° 8	21°31	W 5
T 6	18 55 52	14°34'46	5♎40	0♌34	0°42	5° 4	6°31	8°53	22°29	23°55	10°30	14°14	13° 3	6°14	21°27	T 6
F 7	18 59 48	15°32'07	19°11	2°25	0°15	5°34	6°29	8°48	22°31	23°57	10°31	14°D13	13° 0	6°21	21°23	F 7
S 8	19 3 45	16°29'28	2♏19	4°13	29♊49	6° 4	6°27	8°44	22°33	23°59	10°32	14°14	12°57	6°28	21°19	S 8
S 9	19 7 41	17°26'48	15° 7	6° 0	29°26	6°34	6°24	8°40	22°36	24° 0	10°33	14°R14	12°53	6°34	21°16	S 9
M10	19 11 38	18°24'07	27°40	7°43	29° 5	7° 4	6°21	8°35	22°38	24° 2	10°35	14°13	12°50	6°41	21°12	M10
T 11	19 15 34	19°21'25	10♐ 0	9°25	28°46	7°35	6°18	8°31	22°40	24° 3	10°36	14°11	12°47	6°48	21° 8	T 11
W12	19 19 31	20°18'43	22°11	11° 4	28°29	8° 5	6°15	8°27	22°43	24° 4	10°37	14° 5	12°44	6°55	21° 4	W12
T 13	19 23 27	21°16'00	4♑15	12°41	28°15	8°36	6°12	8°22	22°45	24° 6	10°39	13°57	12°41	7° 1	21° 0	T 13
F 14	19 27 24	22°13'17	16°14	14°15	28° 3	9° 7	6° 9	8°18	22°47	24° 7	10°40	13°46	12°38	7° 8	20°56	F 14
S 15	19 31 21	23°10'33	28° 9	15°47	27°54	9°38	6° 5	8°14	22°49	24° 9	10°41	13°34	12°34	7°15	20°52	S 15
S 16	19 35 17	24° 7'49	10♒ 2	17°17	27°47	10° 9	6° 1	8°10	22°51	24°10	10°43	13°22	12°31	7°21	20°48	S 16
M17	19 39 14	25° 5'05	21°54	18°44	27°42	10°41	5°57	8° 5	22°53	24°11	10°44	13° 9	12°28	7°28	20°45	M17
T 18	19 43 10	26° 2'21	3♓48	20° 9	27°D40	11°12	5°53	8° 1	22°55	24°13	10°46	12°59	12°25	7°35	20°41	T 18
W19	19 47 7	26°59'36	15°45	21°31	27°40	11°44	5°49	7°57	22°57	24°14	10°47	12°50	12°22	7°42	20°37	W19
T 20	19 51 3	27°56'52	27°49	22°50	27°42	12°16	5°44	7°53	22°59	24°15	10°49	12°44	12°19	7°48	20°33	T 20
F 21	19 55 0	28°54'07	10♈ 3	24° 7	27°47	12°48	5°39	7°49	23° 1	24°16	10°50	12°40	12°15	7°55	20°29	F 21
S 22	19 58 56	29°51'23	22°31	25°22	27°54	13°20	5°35	7°45	23° 2	24°18	10°52	12°39	12°12	8° 2	20°26	S 22
S 23	20 2 53	0♌48'39	5♉18	26°34	28° 3	13°52	5°30	7°41	23° 4	24°19	10°53	12°39	12° 9	8° 9	20°22	S 23
M24	20 6 50	1°45'55	18°29	27°42	28°14	14°25	5°24	7°37	23° 6	24°20	10°55	12°39	12° 6	8°15	20°18	M24
T 25	20 10 46	2°43'11	2♊ 6	28°49	28°27	14°57	5°19	7°34	23° 8	24°21	10°56	12°38	12° 3	8°22	20°14	T 25
W26	20 14 43	3°40'27	16°12	29°52	28°42	15°30	5°14	7°30	23° 9	24°22	10°58	12°35	11°59	8°29	20°11	W26
T 27	20 18 39	4°37'44	0♋46	0♍52	28°59	16° 3	5° 8	7°26	23°11	24°23	10°59	12°29	11°56	8°35	20° 7	T 27
F 28	20 22 36	5°35'02	15°44	1°49	29°18	16°36	5° 2	7°23	23°12	24°24	11° 1	12°21	11°53	8°42	20° 3	F 28
S 29	20 26 32	6°32'19	0♌58	2°43	29°39	17° 9	4°57	7°19	23°14	24°25	11° 3	12°11	11°50	8°49	20° 0	S 29
S 30	20 30 29	7°29'36	16°17	3°34	0♋ 2	17°42	4°51	7°15	23°15	24°26	11° 4	12° 0	11°47	8°56	19°56	S 30
M31	20 34 25	8♌26'54	1♍30	4♍21	0♋26	18♎16	4♓44	7♏12	23♉17	24♉27	11♍ 6	11♉50	11♉44	9♒ 2	19♏52	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n56	26n 4	4n43	23n30	1n49	21n 4	2s11	0s27	0n39	9s45	0s48	21s50	1n 8	17n51	0s23	17n 2	1s37	16n49	9n57	16n 9	15n44	23s40	13s37	8n 1
S 2	22 51	23 7	5 3	23 13	1 52	20 52	2 24	0 39	0 38	9 46	0 48	21 50	1 8	17 52	0 23	17 2	1 37	16 48	9 57	16 6	15 43	23 39	13 37	8 1
M 3	22 46	18 38	5 2	22 55	1 55	20 40	2 36	0 52	0 37	9 46	0 48	21 50	1 8	17 52	0 23	17 3	1 37	16 48	9 56	16 4	15 42	23 37	13 38	8 2
T 4	22 41	13 5	4 41	22 34	1 56	20 28	2 48	1 4	0 36	9 47	0 48	21 51	1 8	17 53	0 23	17 3	1 37	16 47	9 56	16 2	15 41	23 36	13 38	8 2
W 5	22 36	6 59	4 3	22 12	1 57	20 17	3 0	1 17	0 34	9 48	0 49	21 51	1 8	17 53	0 23	17 3	1 37	16 46	9 56	16 1	15 40	23 34	13 38	8 2
T 6	22 30	0 41	3 11	21 49	1 57	20 6	3 11	1 30	0 33	9 49	0 49	21 52	1 8	17 54	0 23	17 4	1 37	16 46	9 56	16 0	15 39	23 32	13 39	8 2
F 7	22 23	5s28	2 10	21 23	1 57	19 56	3 22	1 42	0 32	9 50	0 49	21 52	1 8	17 55	0 23	17 4	1 37	16 45	9 56	16 0	15 38	23 31	13 39	8 2
S 8	22 17	11 13	1 3	20 57	1 55	19 45	3 32	1 55	0 31	9 51	0 49	21 52	1 8	17 55	0 23	17 4	1 37	16 45	9 56	16 0	15 37	23 29	13 40	8 2
S 9	22 9	16 21	0s 5	20 29	1 53	19 36	3 41	2 8	0 30	9 52	0 50	21 53	1 8	17 56	0 23	17 5	1 37	16 44	9 55	16 1	15 37	23 28	13 40	8 2
M10	22 2	20 40	1 11	20 0	1 50	19 27	3 50	2 21	0 29	9 54	0 50	21 53	1 8	17 56	0 23	17 5	1 37	16 43	9 55	16 0	15 36	23 26	13 41	8 2
T 11	21 54	24 0	2 13	19 30	1 47	19 18	3 59	2 34	0 27	9 55	0 50	21 54	1 8	17 57	0 23	17 5	1 37	16 43	9 55	15 59	15 35	23 24	13 41	8 2
W12	21 46	26 10	3 7	18 59	1 43	19 10	4 6	2 47	0 26	9 56	0 50	21 54	1 7	17 57	0 23	17 6	1 38	16 42	9 55	15 58	15 34	23 23	13 42	8 3
T 13	21 37	27 6	3 53	18 28	1 38	19 3	4 14	3 0	0 25	9 58	0 51	21 54	1 7	17 58	0 23	17 6	1 38	16 41	9 55	15 55	15 33	23 21	13 42	8 3
F 14	21 28	26 44	4 28	17 55	1 32	18 56	4 21	3 13	0 24	9 59	0 51	21 55	1 7	17 59	0 23	17 6	1 38	16 41	9 55	15 52	15 32	23 19	13 43	8 3
S 15	21 19	25 8	4 50	17 23	1 26	18 50	4 27	3 26	0 23	10 1	0 51	21 55	1 7	17 59	0 23	17 7	1 38	16 40	9 55	15 49	15 31	23 18	13 43	8 3
S 16	21 9	22 26	5 1	16 49	1 20	18 44	4 32	3 39	0 22	10 3	0 51	21 55	1 7	18 0	0 23	17 7	1 38	16 39	9 54	15 45	15 30	23 16	13 44	8 3
M17	20 59	18 49	4 58	16 16	1 13	18 38	4 38	3 53	0 21	10 4	0 52	21 56	1 7	18 0	0 23	17 7	1 38	16 39	9 54	15 41	15 29	23 14	13 45	8 3
T 18	20 48	14 26	4 42	15 42	1 5	18 34	4 42	4 6	0 20	10 6	0 52	21 56	1 7	18 1	0 23	17 7	1 38	16 38	9 54	15 38	15 28	23 13	13 45	8 3
W19	20 38	9 29	4 13	15 8	0 57	18 30	4 46	4 19	0 19	10 8	0 52	21 56	1 7	18 1	0 23	17 8	1 38	16 37	9 54	15 35	15 27	23 11	13 46	8 2
T 20	20 26	4 8	3 34	14 34	0 48	18 26	4 50	4 33	0 18	10 10	0 52	21 57	1 7	18 1	0 23	17 8	1 38	16 37	9 54	15 34	15 26	23 9	13 46	8 2
F 21	20 15	1n27	2 43	14 0	0 39	18 23	4 53	4 46	0 17	10 12	0 52	21 57	1 6	18 2	0 23	17 8	1 38	16 36	9 54	15 33	15 25	23 8	13 47	8 2
S 22	20 3	7 5	1 44	13 26	0 29	18 20	4 56	4 59	0 16	10 13	0 53	21 58	1 6	18 2	0 23	17 8	1 38	16 35	9 54	15 32	15 24	23 6	13 48	8 2
S 23	19 51	12 36	0 39	12 53	0 19	18 18	4 59	5 13	0 15	10 16	0 53	21 58	1 6	18 3	0 23	17 9	1 38	16 35	9 54	15 32	15 23	23 4	13 48	8 2
M24	19 38	17 43	0n31	12 19	0 8	18 16	5 1	5 26	0 14	10 18	0 53	21 58	1 6	18 3	0 23	17 9	1 38	16 34	9 53	15 32	15 22	23 2	13 49	8 2
T 25	19 26	22 6	1 41	11 46	0s 3	18 14	5 2	5 39	0 13	10 20	0 53	21 59	1 6	18 4	0 23	17 9	1 38	16 33	9 53	15 32	15 21	23 1	13 49	8 2
W26	19 12	25 21	2 47	11 13	0 15	18 13	5 3	5 53	0 12	10 22	0 54	21 59	1 6	18 4	0 23	17 9	1 38	16 33	9 53	15 31	15 20	22 59	13 50	8 2
T 27	18 59	27 2	3 45	10 41	0 26	18 13	5 4	6 6	0 11	10 24	0 54	21 59	1 6	18 4	0 23	17 9	1 38	16 32	9 53	15 29	15 19	22 57	13 51	8 2
F 28	18 45	26 49	4 29	10 10	0 39	18 12	5 5	6 20	0 10	10 26	0 54	22 0	1 6	18 5	0 23	17 10	1 38	16 31	9 53	15 27	15 18	22 56	13 51	8 1
S 29	18 31	24 36	4 55	9 39	0 51	18 12	5 5	6 33	0 9	10 29	0 54	22 0	1 5	18 5	0 23	17 10	1 38	16 30	9 53	15 24	15 17	22 54	13 52	8 1
S 30	18 17	20 37	4 59	9 9	1 4	18 12	5 5	6 47	0 8	10 31	0 54	22 0	1 5	18 5	0 23	17 10	1 38	16 30	9 53	15 20	15 16	22 52	13 53	8 1
M31	18n 2	15n17	4n43	8n39	1s17	18n12	5s 5	7s 0	0n 7	10s34	0s55	22s 1	1n 5	18n 6	0s23	17n10	1s38	16n29	9n53	15n17	15n15	22s50	13s53	8n 1

Julian Day Number = 2888190.5, Delta T = 01h18m07s
Ecliptic obliquity = 23°17'11, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°28'59, Lahiri = 40°36'00

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ASTRODIENST EPHEMERIS for the year 3195
geocentric

AUGUST 3195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 38 22	9♌24'11	16♍27	5♍ 4	0♋52	18♎49	4°R38	7°R 8	23♉18	24♉28	11♍ 8	11°R41	11♉40	9♒ 9	19°R49	T 1
W 2	20 42 19	10°21'28	1♎ 0	5°44	1°19	19°23	4♓32	7♏ 5	23°19	24°29	11° 9	11♉35	11°37	9°16	19♏45	W 2
T 3	20 46 15	11°18'46	15° 4	6°20	1°48	19°57	4°25	7° 2	23°21	24°29	11°11	11°32	11°34	9°22	19°42	T 3
F 4	20 50 12	12°16'03	28°40	6°52	2°18	20°31	4°19	6°59	23°22	24°30	11°13	11°30	11°31	9°29	19°39	F 4
S 5	20 54 8	13°13'20	11♏49	7°20	2°50	21° 5	4°12	6°55	23°23	24°31	11°14	11°30	11°28	9°36	19°35	S 5
S 6	20 58 5	14°10'38	24°36	7°44	3°23	21°39	4° 5	6°52	23°24	24°32	11°16	11°30	11°25	9°43	19°32	S 6
M 7	21 2 1	15° 7'55	7♐ 3	8° 3	3°57	22°13	3°58	6°49	23°25	24°32	11°18	11°29	11°21	9°49	19°29	M 7
T 8	21 5 58	16° 5'13	19°17	8°17	4°33	22°47	3°51	6°46	23°26	24°33	11°20	11°25	11°18	9°56	19°25	T 8
W 9	21 9 54	17° 2'31	1♑21	8°27	5°10	23°22	3°44	6°44	23°27	24°34	11°21	11°19	11°15	10° 3	19°22	W 9
T 10	21 13 51	17°59'49	13°18	8°R32	5°48	23°57	3°37	6°41	23°28	24°34	11°23	11°11	11°12	10°10	19°19	T 10
F 11	21 17 48	18°57'07	25°12	8°32	6°27	24°31	3°30	6°38	23°29	24°35	11°25	10°59	11° 9	10°16	19°16	F 11
S 12	21 21 44	19°54'26	7♒ 4	8°27	7° 7	25° 6	3°22	6°35	23°30	24°35	11°27	10°46	11° 5	10°23	19°13	S 12
S 13	21 25 41	20°51'46	18°57	8°17	7°48	25°41	3°15	6°33	23°31	24°36	11°29	10°33	11° 2	10°30	19°10	S 13
M14	21 29 37	21°49'05	0♓52	8° 2	8°31	26°16	3° 8	6°30	23°32	24°36	11°30	10°20	10°59	10°36	19° 7	M14
T 15	21 33 34	22°46'26	12°50	7°42	9°14	26°52	3° 0	6°28	23°32	24°37	11°32	10° 8	10°56	10°43	19° 4	T 15
W16	21 37 30	23°43'47	24°53	7°18	9°58	27°27	2°52	6°26	23°33	24°37	11°34	9°59	10°53	10°50	19° 1	W16
T 17	21 41 27	24°41'09	7♈ 3	6°49	10°43	28° 2	2°45	6°24	23°34	24°38	11°36	9°52	10°50	10°57	18°58	T 17
F 18	21 45 23	25°38'31	19°22	6°16	11°29	28°38	2°37	6°21	23°34	24°38	11°38	9°48	10°46	11° 3	18°56	F 18
S 19	21 49 20	26°35'55	1♉54	5°39	12°15	29°14	2°29	6°19	23°35	24°38	11°40	9°46	10°43	11°10	18°53	S 19
S 20	21 53 17	27°33'20	14°42	4°59	13° 3	29°49	2°22	6°17	23°35	24°39	11°41	9°D46	10°40	11°17	18°51	S 20
M21	21 57 13	28°30'45	27°50	4°16	13°51	0♏25	2°14	6°16	23°36	24°39	11°43	9°R46	10°37	11°24	18°48	M21
T 22	22 1 10	29°28'12	11♊22	3°31	14°40	1° 1	2° 6	6°14	23°36	24°39	11°45	9°46	10°34	11°30	18°46	T 22
W23	22 5 6	0♍25'41	25°19	2°45	15°30	1°37	1°58	6°12	23°36	24°39	11°47	9°44	10°31	11°37	18°43	W23
T 24	22 9 3	1°23'10	9♋42	1°59	16°21	2°14	1°50	6°10	23°37	24°39	11°49	9°39	10°27	11°44	18°41	T 24
F 25	22 12 59	2°20'40	24°28	1°13	17°12	2°50	1°43	6° 9	23°37	24°39	11°51	9°32	10°24	11°50	18°39	F 25
S 26	22 16 56	3°18'12	9♌32	0°29	18° 3	3°26	1°35	6° 7	23°37	24°40	11°53	9°24	10°21	11°57	18°36	S 26
S 27	22 20 52	4°15'44	24°45	29♌46	18°56	4° 3	1°27	6° 6	23°37	24°40	11°55	9°14	10°18	12° 4	18°34	S 27
M28	22 24 49	5°13'18	9♍55	29° 7	19°49	4°40	1°19	6° 5	23°37	24°R40	11°57	9° 5	10°15	12°11	18°32	M28
T 29	22 28 46	6°10'52	24°53	28°31	20°42	5°16	1°11	6° 4	23°R37	24°40	11°59	8°57	10°11	12°17	18°30	T 29
W30	22 32 42	7° 8'28	9♎30	28° 0	21°37	5°53	1° 4	6° 3	23°37	24°40	12° 0	8°52	10° 8	12°24	18°28	W30
T 31	22 36 39	8♍ 6'04	23♎41	27♌34	22♋31	6♏30	0♓56	6♏ 2	23♉37	24♉39	12♍ 2	8♉49	10♉ 5	12♒31	18♏26	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n47	9n 7	4n 7	8n11	1s30	18n13	5s 4	7s14	0n 6	10s36	0s55	22s 1	1n 5	18n 6	0s23	17n10	1s39	16n28	9n53	15n15	15n14	22s48	13s54	8n 1
W 2	17 32	2 37	3 16	7 44	1 44	18 13	5 3	7 27	0 5	10 39	0 55	22 1	1 5	18 6	0 23	17 10	1 39	16 28	9 53	15 13	15 13	22 47	13 55	8 0
T 3	17 16	3s50	2 15	7 18	1 57	18 14	5 2	7 41	0 4	10 41	0 55	22 1	1 5	18 7	0 23	17 11	1 39	16 27	9 53	15 12	15 12	22 45	13 56	8 0
F 4	17 1	9 53	1 7	6 54	2 11	18 15	5 1	7 55	0 3	10 44	0 55	22 2	1 5	18 7	0 23	17 11	1 39	16 26	9 52	15 11	15 11	22 43	13 56	8 0
S 5	16 45	15 19	0s 2	6 31	2 25	18 16	4 59	8 8	0 2	10 46	0 56	22 2	1 4	18 7	0 23	17 11	1 39	16 25	9 52	15 11	15 10	22 41	13 57	8 0
S 6	16 28	19 54	1 9	6 9	2 39	18 17	4 58	8 22	0 2	10 49	0 56	22 2	1 4	18 8	0 23	17 11	1 39	16 25	9 52	15 11	15 9	22 40	13 58	7 59
M 7	16 12	23 30	2 11	5 50	2 53	18 18	4 56	8 35	0 1	10 52	0 56	22 3	1 4	18 8	0 23	17 11	1 39	16 24	9 52	15 11	15 9	22 38	13 58	7 59
T 8	15 55	25 56	3 5	5 32	3 6	18 19	4 54	8 49	0s 0	10 54	0 56	22 3	1 4	18 8	0 23	17 11	1 39	16 23	9 52	15 10	15 8	22 36	13 59	7 59
W 9	15 38	27 8	3 51	5 15	3 20	18 20	4 51	9 2	0 1	10 57	0 56	22 3	1 4	18 8	0 23	17 11	1 39	16 23	9 52	15 8	15 7	22 34	14 0	7 59
T 10	15 20	27 2	4 26	5 2	3 33	18 21	4 49	9 16	0 2	11 0	0 56	22 4	1 4	18 9	0 23	17 11	1 39	16 22	9 52	15 5	15 6	22 32	14 1	7 58
F 11	15 3	25 41	4 49	4 50	3 45	18 22	4 46	9 29	0 3	11 2	0 57	22 4	1 3	18 9	0 23	17 12	1 39	16 21	9 52	15 2	15 5	22 30	14 1	7 58
S 12	14 45	23 12	4 59	4 40	3 58	18 23	4 43	9 43	0 4	11 5	0 57	22 4	1 3	18 9	0 23	17 12	1 39	16 20	9 52	14 58	15 4	22 29	14 2	7 58
S 13	14 27	19 45	4 57	4 33	4 9	18 24	4 40	9 56	0 5	11 8	0 57	22 4	1 3	18 9	0 23	17 12	1 39	16 20	9 52	14 54	15 3	22 27	14 3	7 57
M14	14 9	15 29	4 41	4 29	4 20	18 25	4 37	10 10	0 5	11 11	0 57	22 5	1 3	18 9	0 24	17 12	1 39	16 19	9 52	14 49	15 2	22 25	14 4	7 57
T 15	13 50	10 36	4 13	4 27	4 30	18 25	4 34	10 23	0 6	11 14	0 57	22 5	1 3	18 10	0 24	17 12	1 39	16 18	9 52	14 46	15 1	22 23	14 4	7 57
W16	13 32	5 17	3 34	4 28	4 38	18 26	4 30	10 37	0 7	11 17	0 57	22 5	1 3	18 10	0 24	17 12	1 39	16 18	9 52	14 43	15 0	22 21	14 5	7 56
T 17	13 13	0n16	2 44	4 31	4 46	18 26	4 27	10 50	0 8	11 19	0 57	22 6	1 3	18 10	0 24	17 12	1 39	16 17	9 52	14 41	14 59	22 19	14 6	7 56
F 18	12 54	5 54	1 46	4 37	4 52	18 26	4 23	11 3	0 9	11 22	0 58	22 6	1 2	18 10	0 24	17 12	1 39	16 16	9 52	14 39	14 58	22 17	14 7	7 55
S 19	12 34	11 25	0 42	4 46	4 57	18 26	4 19	11 17	0 9	11 25	0 58	22 6	1 2	18 10	0 24	17 12	1 40	16 15	9 52	14 39	14 57	22 15	14 7	7 55
S 20	12 15	16 34	0n26	4 58	5 0	18 25	4 15	11 30	0 10	11 28	0 58	22 6	1 2	18 10	0 24	17 12	1 40	16 15	9 52	14 39	14 56	22 14	14 8	7 55
M21	11 55	21 5	1 34	5 11	5 2	18 24	4 11	11 43	0 11	11 31	0 58	22 7	1 2	18 10	0 24	17 12	1 40	16 14	9 52	14 39	14 55	22 12	14 9	7 54
T 22	11 35	24 38	2 39	5 27	5 2	18 23	4 7	11 56	0 12	11 34	0 58	22 7	1 2	18 10	0 24	17 12	1 40	16 13	9 52	14 39	14 54	22 10	14 10	7 54
W23	11 15	26 49	3 37	5 45	5 0	18 22	4 3	12 10	0 13	11 37	0 58	22 7	1 2	18 10	0 24	17 12	1 40	16 12	9 52	14 38	14 53	22 8	14 10	7 53
T 24	10 55	27 18	4 23	6 5	4 56	18 21	3 59	12 23	0 13	11 40	0 58	22 7	1 1	18 10	0 24	17 12	1 40	16 12	9 52	14 37	14 52	22 6	14 11	7 53
F 25	10 34	25 53	4 52	6 26	4 50	18 19	3 54	12 36	0 14	11 43	0 58	22 8	1 1	18 11	0 24	17 12	1 40	16 11	9 52	14 35	14 51	22 4	14 12	7 52
S 26	10 14	22 37	5 3	6 49	4 43	18 17	3 50	12 49	0 15	11 45	0 59	22 8	1 1	18 11	0 24	17 12	1 40	16 10	9 52	14 32	14 50	22 2	14 13	7 52
S 27	9 53	17 46	4 52	7 12	4 34	18 14	3 45	13 2	0 16	11 48	0 59	22 8	1 1	18 11	0 24	17 12	1 40	16 10	9 52	14 29	14 49	22 0	14 13	7 51
M28	9 32	11 49	4 20	7 36	4 23	18 11	3 41	13 15	0 16	11 51	0 59	22 8	1 1	18 11	0 24	17 12	1 40	16 9	9 52	14 26	14 48	21 58	14 14	7 51
T 29	9 11	5 15	3 31	7 59	4 11	18 8	3 36	13 28	0 17	11 54	0 59	22 8	1 1	18 11	0 24	17 12	1 40	16 8	9 52	14 23	14 47	21 56	14 15	7 50
W30	8 50	1s27	2 29	8 23	3 57	18 5	3 32	13 41	0 18	11 57	0 59	22 9	1 0	18 11	0 24	17 12	1 40	16 8	9 52	14 22	14 46	21 54	14 16	7 50
T 31	8n29	7s54	1n20	8n45	3s42	18n 1	3s27	13s54	0s19	12s 0	0s59	22s 9	1n 0	18n11	0s24	17n12	1s40	16n 7	9n52	14n21	14n45	21s52	14s16	7n49

Julian Day Number = 2888221.5, Delta T = 01h18m07s
Ecliptic obliquity = 23°17'12, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°29'04, Lahiri = 40°36'04

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ASTRODIENST EPHEMERIS for the year 3195
geocentric

SEPTEMBER 3195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 40 35	9♍ 3'41	7♏23	27°R14	23♋26	7♏ 7	0°R48	6°R 1	23°R37	24°R39	12♍ 4	8°D48	10♉ 2	12♒37	18°R25	F 1
S 2	22 44 32	10° 1'19	20°37	27♌ 0	24°22	7°44	0♓41	6♑ 0	23♉37	24♉39	12° 6	8♉48	9°59	12°44	18♑23	S 2
S 3	22 48 28	10°58'58	3♐27	26°53	25°18	8°22	0°33	5°59	23°36	24°39	12° 8	8°49	9°56	12°51	18°21	S 3
M 4	22 52 25	11°56'38	15°56	26°D53	26°15	8°59	0°26	5°59	23°36	24°39	12°10	8°R49	9°52	12°58	18°20	M 4
T 5	22 56 21	12°54'18	28° 9	27° 0	27°12	9°36	0°18	5°58	23°36	24°39	12°12	8°48	9°49	13° 4	18°18	T 5
W 6	23 0 18	13°52'00	10♑11	27°14	28° 9	10°14	0°11	5°58	23°36	24°38	12°14	8°44	9°46	13°11	18°17	W 6
T 7	23 4 15	14°49'43	22° 6	27°36	29° 7	10°51	0° 3	5°58	23°35	24°38	12°16	8°39	9°43	13°18	18°16	T 7
F 8	23 8 11	15°47'26	3♒58	28° 5	0♌ 6	11°29	29♒56	5°57	23°35	24°38	12°18	8°31	9°40	13°25	18°15	F 8
S 9	23 12 8	16°45'11	15°51	28°42	1° 5	12° 7	29°49	5°D57	23°34	24°37	12°20	8°22	9°37	13°31	18°13	S 9
S 10	23 16 4	17°42'57	27°46	29°26	2° 4	12°45	29°42	5°57	23°34	24°37	12°22	8°13	9°33	13°38	18°12	S 10
M11	23 20 1	18°40'44	9♓46	0♍17	3° 3	13°23	29°35	5°57	23°33	24°36	12°23	8° 3	9°30	13°45	18°11	M11
T 12	23 23 57	19°38'33	21°52	1°15	4° 3	14° 1	29°28	5°58	23°32	24°36	12°25	7°55	9°27	13°51	18°10	T 12
W13	23 27 54	20°36'22	4♈ 6	2°20	5° 4	14°39	29°21	5°58	23°32	24°35	12°27	7°49	9°24	13°58	18°10	W13
T 14	23 31 50	21°34'14	16°28	3°31	6° 4	15°17	29°14	5°58	23°31	24°35	12°29	7°44	9°21	14° 5	18° 9	T 14
F 15	23 35 47	22°32'06	29° 0	4°48	7° 5	15°56	29° 8	5°59	23°30	24°34	12°31	7°42	9°17	14°12	18° 8	F 15
S 16	23 39 44	23°30'01	11♉44	6°11	8° 7	16°34	29° 1	5°59	23°29	24°34	12°33	7°D42	9°14	14°18	18° 8	S 16
S 17	23 43 40	24°27'57	24°41	7°39	9° 9	17°13	28°55	6° 0	23°28	24°33	12°35	7°43	9°11	14°25	18° 7	S 17
M18	23 47 37	25°25'55	7♊55	9°12	10°11	17°51	28°49	6° 1	23°27	24°32	12°37	7°44	9° 8	14°32	18° 7	M18
T 19	23 51 33	26°23'55	21°27	10°49	11°13	18°30	28°43	6° 2	23°26	24°32	12°39	7°R45	9° 5	14°38	18° 6	T 19
W20	23 55 30	27°21'56	5♋18	12°30	12°16	19° 9	28°37	6° 3	23°25	24°31	12°40	7°45	9° 2	14°45	18° 6	W20
T 21	23 59 26	28°20'00	19°29	14°14	13°19	19°48	28°31	6° 4	23°24	24°30	12°42	7°43	8°58	14°52	18° 6	T 21
F 22	0 3 23	29°18'05	3♌59	16° 1	14°22	20°27	28°25	6° 5	23°23	24°30	12°44	7°40	8°55	14°59	18° 6	F 22
S 23	0 7 19	0♎16'12	18°43	17°51	15°25	21° 6	28°19	6° 6	23°22	24°29	12°46	7°35	8°52	15° 5	18°D 6	S 23
S 24	0 11 16	1°14'21	3♍35	19°42	16°29	21°45	28°14	6° 8	23°21	24°28	12°48	7°30	8°49	15°12	18° 6	S 24
M25	0 15 13	2°12'32	18°27	21°35	17°33	22°25	28° 9	6° 9	23°20	24°27	12°50	7°24	8°46	15°19	18° 6	M25
T 26	0 19 9	3°10'44	3♎11	23°29	18°38	23° 4	28° 4	6°11	23°18	24°26	12°52	7°20	8°42	15°26	18° 6	T 26
W27	0 23 6	4° 8'58	17°40	25°23	19°42	23°43	27°59	6°12	23°17	24°25	12°53	7°17	8°39	15°32	18° 7	W27
T 28	0 27 2	5° 7'14	1♏47	27°18	20°47	24°23	27°54	6°14	23°16	24°24	12°55	7°D16	8°36	15°39	18° 7	T 28
F 29	0 30 59	6° 5'31	15°30	29°13	21°52	25° 3	27°49	6°16	23°14	24°23	12°57	7°16	8°33	15°46	18° 8	F 29
S 30	0 34 55	7♎ 3'50	28♏47	1♎ 8	22♌57	25♏42	27♒45	6♑18	23♉13	24♉22	12♍59	7♉17	8♉30	15♒52	18♑ 8	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n 7	13s46	0n 8	9n 7	3s27	17n57	3s22	14s 7	0s19	12s 2	0s59	22s 9	1n 0	18n10	0s24	17n11	1s40	16n 6	9n52	14n20	14n44	21s50	14s17	7n49
S 2	7 46	18 48	1s 3	9 27	3 10	17 52	3 17	14 19	0 20	12 5	0 59	22 9	1 0	18 10	0 24	17 11	1 40	16 5	9 52	14 21	14 43	21 48	14 18	7 48
S 3	7 24	22 48	2 8	9 46	2 53	17 47	3 13	14 32	0 21	12 8	0 59	22 9	1 0	18 10	0 24	17 11	1 40	16 5	9 52	14 21	14 42	21 46	14 18	7 48
M 4	7 2	25 37	3 5	10 2	2 35	17 42	3 8	14 44	0 22	12 11	0 59	22 10	1 0	18 10	0 24	17 11	1 40	16 4	9 52	14 21	14 41	21 44	14 19	7 47
T 5	6 40	27 9	3 52	10 17	2 18	17 36	3 3	14 57	0 22	12 13	0 59	22 10	0 59	18 10	0 24	17 11	1 40	16 3	9 53	14 20	14 40	21 42	14 20	7 47
W 6	6 18	27 22	4 29	10 29	2 0	17 30	2 58	15 9	0 23	12 16	0 59	22 10	0 59	18 10	0 24	17 11	1 41	16 3	9 53	14 19	14 39	21 40	14 21	7 46
T 7	5 56	26 18	4 53	10 38	1 42	17 23	2 53	15 22	0 24	12 19	0 59	22 10	0 59	18 10	0 24	17 11	1 41	16 2	9 53	14 18	14 38	21 38	14 21	7 46
F 8	5 34	24 4	5 5	10 45	1 24	17 16	2 48	15 34	0 24	12 21	1 0	22 10	0 59	18 10	0 24	17 11	1 41	16 1	9 53	14 15	14 37	21 36	14 22	7 45
S 9	5 12	20 48	5 3	10 49	1 7	17 8	2 43	15 46	0 25	12 24	1 0	22 11	0 59	18 10	0 24	17 10	1 41	16 1	9 53	14 12	14 36	21 34	14 23	7 45
S 10	4 49	16 41	4 48	10 49	0 50	17 0	2 38	15 59	0 26	12 26	1 0	22 11	0 59	18 10	0 24	17 10	1 41	16 0	9 53	14 9	14 35	21 32	14 23	7 44
M11	4 27	11 53	4 21	10 47	0 33	16 52	2 33	16 11	0 26	12 29	1 0	22 11	0 58	18 9	0 24	17 10	1 41	15 59	9 53	14 6	14 34	21 30	14 24	7 43
T 12	4 5	6 36	3 41	10 41	0 17	16 43	2 28	16 23	0 27	12 31	1 0	22 11	0 58	18 9	0 24	17 10	1 41	15 59	9 53	14 4	14 33	21 28	14 25	7 43
W13	3 42	1 0	2 51	10 32	0 2	16 34	2 23	16 34	0 28	12 34	1 0	22 11	0 58	18 9	0 24	17 10	1 41	15 58	9 53	14 2	14 32	21 26	14 26	7 42
T 14	3 19	4n42	1 52	10 20	0n12	16 25	2 18	16 46	0 28	12 36	1 0	22 11	0 58	18 9	0 24	17 10	1 41	15 58	9 53	14 0	14 31	21 24	14 26	7 42
F 15	2 57	10 19	0 47	10 5	0 25	16 15	2 13	16 58	0 29	12 38	1 0	22 12	0 58	18 9	0 24	17 9	1 41	15 57	9 53	13 59	14 30	21 22	14 27	7 41
S 16	2 34	15 36	0n22	9 46	0 37	16 4	2 7	17 10	0 30	12 41	1 0	22 12	0 58	18 8	0 24	17 9	1 41	15 56	9 54	13 59	14 29	21 20	14 27	7 40
S 17	2 11	20 17	1 31	9 24	0 49	15 53	2 2	17 21	0 30	12 43	1 0	22 12	0 57	18 8	0 24	17 9	1 41	15 56	9 54	14 0	14 28	21 18	14 28	7 40
M18	1 48	24 4	2 36	8 59	0 59	15 42	1 57	17 33	0 31	12 45	1 0	22 12	0 57	18 8	0 24	17 9	1 41	15 55	9 54	14 0	14 27	21 16	14 29	7 39
T 19	1 25	26 35	3 35	8 31	1 9	15 30	1 52	17 44	0 32	12 47	1 0	22 12	0 57	18 8	0 24	17 9	1 41	15 54	9 54	14 0	14 26	21 14	14 29	7 39
W20	1 2	27 33	4 22	8 1	1 17	15 18	1 47	17 55	0 32	12 49	1 0	22 12	0 57	18 7	0 24	17 8	1 41	15 54	9 54	14 0	14 25	21 12	14 30	7 38
T 21	0 40	26 45	4 55	7 28	1 24	15 5	1 42	18 6	0 33	12 51	1 0	22 12	0 57	18 7	0 24	17 8	1 41	15 53	9 54	14 0	14 24	21 10	14 31	7 38
F 22	0 17	24 9	5 10	6 52	1 30	14 52	1 37	18 17	0 33	12 53	1 0	22 12	0 57	18 7	0 24	17 8	1 41	15 53	9 54	13 59	14 23	21 8	14 31	7 37
S 23	0s 6	19 57	5 4	6 15	1 36	14 39	1 32	18 28	0 34	12 55	1 0	22 13	0 56	18 7	0 24	17 8	1 41	15 52	9 55	13 57	14 22	21 6	14 32	7 36
S 24	0 29	14 28	4 39	5 35	1 40	14 25	1 27	18 39	0 35	12 57	1 0	22 13	0 56	18 6	0 24	17 8	1 41	15 52	9 55	13 55	14 21	21 4	14 32	7 36
M25	0 52	8 8	3 55	4 54	1 43	14 10	1 22	18 49	0 35	12 59	1 0	22 13	0 56	18 6	0 24	17 7	1 42	15 51	9 55	13 54	14 20	21 1	14 33	7 35
T 26	1 15	1 25	2 55	4 12	1 46	13 55	1 17	19 0	0 36	13 0	1 0	22 13	0 56	18 6	0 24	17 7	1 42	15 50	9 55	13 52	14 19	20 59	14 34	7 34
W27	1 38	5s16	1 45	3 28	1 47	13 40	1 12	19 10	0 37	13 2	1 0	22 13	0 56	18 5	0 24	17 7	1 42	15 50	9 55	13 51	14 18	20 57	14 34	7 34
T 28	2 1	11 33	0 30	2 43	1 48	13 25	1 7	19 21	0 37	13 4	1 0	22 13	0 56	18 5	0 24	17 6	1 42	15 49	9 55	13 51	14 17	20 55	14 35	7 33
F 29	2 24	17 6	0s45	1 57	1 48	13 9	1 3	19 31	0 38	13 5	1 0	22 13	0 55	18 5	0 24	17 6	1 42	15 49	9 56	13 51	14 16	20 53	14 35	7 33
S 30	2s47	21s38	1s55	1n11	1n47	12n52	0s58	19s41	0s38	13s 7	1s 0	22s13	0n55	18n 4	0s24	17n 6	1s42	15n48	9n56	13n51	14n15	20s51	14s36	7n32

Julian Day Number = 2888252.5, Delta T = 01h18m08s
Ecliptic obliquity = 23°17'12, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°29'08, Lahiri = 40°36'08

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ASTRODIENST EPHEMERIS for the year 3195
geocentric

OCTOBER 3195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 38 52	8♎ 2'10	11♐41	3♎ 3	24♌ 3	26♏22	27°R40	6♑20	23°R11	24°R21	13♍ 1	7♉19	8♉27	15♒59	18♑ 9	S 1
M 2	0 42 48	9° 0'32	24°13	4°58	25° 9	27° 2	27♒36	6°22	23♉10	24♉20	13° 2	7°20	8°23	16° 6	18°10	M 2
T 3	0 46 45	9°58'56	6♑29	6°51	26°15	27°42	27°32	6°24	23° 8	24°19	13° 4	7°R21	8°20	16°13	18°10	T 3
W 4	0 50 42	10°57'21	18°32	8°45	27°21	28°22	27°28	6°26	23° 7	24°18	13° 6	7°21	8°17	16°19	18°11	W 4
T 5	0 54 38	11°55'47	0♒28	10°37	28°27	29° 2	27°25	6°29	23° 5	24°17	13° 8	7°19	8°14	16°26	18°12	T 5
F 6	0 58 35	12°54'15	12°21	12°28	29°34	29°42	27°21	6°31	23° 3	24°16	13° 9	7°17	8°11	16°33	18°13	F 6
S 7	1 2 31	13°52'44	24°14	14°19	0♍41	0♐23	27°18	6°34	23° 2	24°15	13°11	7°14	8° 8	16°39	18°15	S 7
S 8	1 6 28	14°51'15	6♓13	16° 9	1°48	1° 3	27°15	6°37	23° 0	24°13	13°13	7°10	8° 4	16°46	18°16	S 8
M 9	1 10 24	15°49'48	18°18	17°58	2°55	1°43	27°12	6°39	22°58	24°12	13°14	7° 6	8° 1	16°53	18°17	M 9
T 10	1 14 21	16°48'23	0♈34	19°45	4° 2	2°24	27°10	6°42	22°56	24°11	13°16	7° 3	7°58	17° 0	18°19	T 10
W11	1 18 17	17°46'59	13° 0	21°32	5°10	3° 5	27° 7	6°45	22°54	24°10	13°18	7° 1	7°55	17° 6	18°20	W11
T 12	1 22 14	18°45'37	25°39	23°18	6°17	3°45	27° 5	6°48	22°52	24° 8	13°19	7° 0	7°52	17°13	18°22	T 12
F 13	1 26 10	19°44'17	8♉31	25° 3	7°25	4°26	27° 3	6°51	22°51	24° 7	13°21	6°D59	7°48	17°20	18°23	F 13
S 14	1 30 7	20°42'59	21°35	26°47	8°33	5° 7	27° 1	6°54	22°49	24° 6	13°23	7° 0	7°45	17°27	18°25	S 14
S 15	1 34 4	21°41'43	4♊52	28°30	9°42	5°48	26°59	6°58	22°47	24° 4	13°24	7° 1	7°42	17°33	18°27	S 15
M16	1 38 0	22°40'29	18°22	0♏12	10°50	6°29	26°58	7° 1	22°45	24° 3	13°26	7° 2	7°39	17°40	18°29	M16
T 17	1 41 57	23°39'18	2♋ 5	1°53	11°59	7°10	26°56	7° 4	22°43	24° 2	13°27	7° 3	7°36	17°47	18°31	T 17
W18	1 45 53	24°38'09	16° 0	3°33	13° 8	7°51	26°55	7° 8	22°41	24° 0	13°29	7° 4	7°33	17°53	18°33	W18
T 19	1 49 50	25°37'02	0♌ 7	5°12	14°16	8°33	26°54	7°12	22°38	23°59	13°30	7°R 4	7°29	18° 0	18°35	T 19
F 20	1 53 46	26°35'57	14°23	6°51	15°26	9°14	26°53	7°15	22°36	23°57	13°32	7° 3	7°26	18° 7	18°37	F 20
S 21	1 57 43	27°34'54	28°46	8°28	16°35	9°55	26°53	7°19	22°34	23°56	13°33	7° 3	7°23	18°14	18°40	S 21
S 22	2 1 39	28°33'54	13♍12	10° 5	17°44	10°37	26°53	7°23	22°32	23°54	13°35	7° 2	7°20	18°20	18°42	S 22
M23	2 5 36	29°32'56	27°37	11°41	18°54	11°19	26°D52	7°27	22°30	23°53	13°36	7° 1	7°17	18°27	18°44	M23
T 24	2 9 33	0♏32'00	11♎56	13°16	20° 3	12° 0	26°52	7°31	22°28	23°51	13°38	7° 0	7°14	18°34	18°47	T 24
W25	2 13 29	1°31'06	26° 3	14°50	21°13	12°42	26°53	7°35	22°25	23°50	13°39	7° 0	7°10	18°40	18°50	W25
T 26	2 17 26	2°30'14	9♏55	16°24	22°23	13°24	26°53	7°39	22°23	23°48	13°40	6°D59	7° 7	18°47	18°52	T 26
F 27	2 21 22	3°29'24	23°28	17°56	23°33	14° 6	26°54	7°43	22°21	23°47	13°42	7° 0	7° 4	18°54	18°55	F 27
S 28	2 25 19	4°28'35	6♐41	19°28	24°44	14°48	26°55	7°48	22°19	23°45	13°43	7° 0	7° 1	19° 1	18°58	S 28
S 29	2 29 15	5°27'49	19°34	20°59	25°54	15°30	26°56	7°52	22°16	23°44	13°45	7° 0	6°58	19° 7	19° 1	S 29
M30	2 33 12	6°27'05	2♑ 7	22°30	27° 4	16°12	26°57	7°57	22°14	23°42	13°46	7° 0	6°54	19°14	19° 4	M30
T 31	2 37 8	7♏26'22	14♑25	24♏ 0	28♍15	16♐54	26♒58	8♑ 1	22♉12	23♉41	13♍47	7°R 0	6♉51	19♒21	19♑ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s10	24s58	2s57	0n24	1n45	12n35	0s53	19s51	0s39	13s 8	0s59	22s13	0n55	18n 4	0s24	17n 6	1s42	15n48	9n56	13n52	14n14	20s49	14s36	7n31
M 2	3 33	26 59	3 49	0s23	1 43	12 18	0 48	20 1	0 39	13 10	0 59	22 13	0 55	18 3	0 24	17 5	1 42	15 47	9 56	13 52	14 13	20 46	14 37	7 31
T 3	3 56	27 37	4 29	1 10	1 41	12 0	0 43	20 10	0 40	13 11	0 59	22 13	0 55	18 3	0 24	17 5	1 42	15 47	9 56	13 53	14 12	20 44	14 37	7 30
W 4	4 19	26 55	4 57	1 57	1 38	11 42	0 39	20 20	0 41	13 12	0 59	22 13	0 55	18 3	0 24	17 5	1 42	15 46	9 56	13 53	14 11	20 42	14 38	7 30
T 5	4 41	24 59	5 11	2 44	1 34	11 24	0 34	20 29	0 41	13 13	0 59	22 13	0 54	18 2	0 24	17 4	1 42	15 46	9 57	13 52	14 10	20 40	14 38	7 29
F 6	5 4	21 59	5 12	3 31	1 30	11 5	0 30	20 38	0 42	13 14	0 59	22 13	0 54	18 2	0 24	17 4	1 42	15 45	9 57	13 51	14 9	20 38	14 39	7 28
S 7	5 27	18 4	5 0	4 18	1 25	10 46	0 25	20 47	0 42	13 15	0 59	22 14	0 54	18 1	0 24	17 4	1 42	15 45	9 57	13 50	14 8	20 36	14 39	7 28
S 8	5 49	13 26	4 35	5 4	1 20	10 27	0 21	20 56	0 43	13 16	0 59	22 14	0 54	18 1	0 24	17 3	1 42	15 44	9 57	13 49	14 7	20 33	14 40	7 27
M 9	6 11	8 14	3 57	5 50	1 15	10 7	0 16	21 5	0 43	13 17	0 59	22 14	0 54	18 1	0 24	17 3	1 42	15 44	9 58	13 48	14 6	20 31	14 40	7 27
T 10	6 34	2 39	3 7	6 36	1 10	9 47	0 12	21 13	0 44	13 18	0 59	22 14	0 54	18 0	0 24	17 3	1 42	15 43	9 58	13 47	14 5	20 29	14 41	7 26
W11	6 56	3n 8	2 8	7 21	1 4	9 27	0 8	21 22	0 44	13 19	0 59	22 14	0 53	18 0	0 24	17 2	1 42	15 43	9 58	13 46	14 4	20 27	14 41	7 25
T 12	7 18	8 53	1 2	8 6	0 58	9 6	0 3	21 30	0 45	13 20	0 59	22 14	0 53	17 59	0 24	17 2	1 42	15 43	9 58	13 46	14 3	20 25	14 41	7 25
F 13	7 40	14 23	0n 8	8 50	0 52	8 45	0n 1	21 38	0 45	13 20	0 59	22 14	0 53	17 59	0 24	17 2	1 42	15 42	9 58	13 46	14 1	20 22	14 42	7 24
S 14	8 2	19 20	1 20	9 33	0 46	8 23	0 5	21 46	0 46	13 21	0 59	22 14	0 53	17 58	0 24	17 1	1 42	15 42	9 59	13 46	14 0	20 20	14 42	7 24
S 15	8 24	23 24	2 28	10 16	0 39	8 2	0 9	21 54	0 46	13 21	0 59	22 14	0 53	17 58	0 24	17 1	1 42	15 41	9 59	13 46	13 59	20 18	14 42	7 23
M16	8 46	26 15	3 29	10 58	0 33	7 40	0 13	22 1	0 47	13 22	0 59	22 14	0 53	17 57	0 24	17 1	1 42	15 41	9 59	13 46	13 58	20 16	14 43	7 22
T 17	9 8	27 36	4 19	11 39	0 26	7 17	0 17	22 9	0 47	13 22	0 58	22 13	0 53	17 57	0 24	17 0	1 42	15 41	9 59	13 47	13 57	20 14	14 43	7 22
W18	9 29	27 13	4 55	12 19	0 19	6 55	0 21	22 16	0 48	13 23	0 58	22 13	0 52	17 56	0 24	17 0	1 42	15 40	10 0	13 47	13 56	20 11	14 43	7 21
T 19	9 50	25 7	5 14	12 59	0 12	6 32	0 25	22 23	0 48	13 23	0 58	22 13	0 52	17 56	0 24	17 0	1 42	15 40	10 0	13 47	13 55	20 9	14 44	7 21
F 20	10 12	21 25	5 14	13 38	0 5	6 9	0 28	22 30	0 49	13 23	0 58	22 13	0 52	17 55	0 24	16 59	1 42	15 40	10 0	13 47	13 54	20 7	14 44	7 20
S 21	10 33	16 25	4 54	14 16	0s 2	5 46	0 32	22 36	0 49	13 23	0 58	22 13	0 52	17 54	0 24	16 59	1 42	15 39	10 1	13 47	13 53	20 5	14 44	7 19
S 22	10 54	10 30	4 16	14 54	0 9	5 22	0 36	22 43	0 50	13 23	0 58	22 13	0 52	17 54	0 24	16 58	1 43	15 39	10 1	13 46	13 52	20 2	14 45	7 19
M23	11 15	4 1	3 21	15 30	0 16	4 58	0 39	22 49	0 50	13 23	0 58	22 13	0 52	17 53	0 24	16 58	1 43	15 39	10 1	13 46	13 51	20 0	14 45	7 18
T 24	11 35	2s37	2 14	16 6	0 23	4 34	0 43	22 55	0 51	13 23	0 58	22 13	0 51	17 53	0 24	16 58	1 43	15 38	10 1	13 46	13 50	19 58	14 45	7 18
W25	11 56	9 4	1 0	16 40	0 31	4 10	0 46	23 1	0 51	13 23	0 58	22 13	0 51	17 52	0 24	16 57	1 43	15 38	10 2	13 46	13 49	19 55	14 45	7 17
T 26	12 16	14 57	0s16	17 14	0 38	3 45	0 49	23 7	0 51	13 23	0 58	22 13	0 51	17 52	0 24	16 57	1 43	15 38	10 2	13 46	13 48	19 53	14 46	7 17
F 27	12 36	19 59	1 30	17 47	0 45	3 21	0 53	23 12	0 52	13 22	0 58	22 13	0 51	17 51	0 24	16 56	1 43	15 38	10 2	13 46	13 47	19 51	14 46	7 16
S 28	12 56	23 52	2 37	18 19	0 52	2 56	0 56	23 18	0 52	13 22	0 58	22 13	0 51	17 51	0 24	16 56	1 43	15 37	10 2	13 46	13 46	19 49	14 46	7 15
S 29	13 16	26 27	3 35	18 50	0 59	2 31	0 59	23 23	0 53	13 22	0 57	22 13	0 51	17 50	0 24	16 56	1 43	15 37	10 3	13 46	13 45	19 46	14 46	7 15
M30	13 35	27 36	4 20	19 20	1 6	2 6	1 2	23 27	0 53	13 21	0 57	22 12	0 51	17 49	0 24	16 55	1 43	15 37	10 3	13 46	13 44	19 44	14 46	7 14
T 31	13s54	27s22	4s53	19s49	1s12	1n41	1n 5	23s32	0s54	13s20	0s57	22s12	0n50	17n49	0s24	16n55	1s43	15n37	10n 3	13n46	13n43	19s42	14s46	7n14

Julian Day Number = 2888282.5, Delta T = 01h18m09s
Ecliptic obliquity = 23°17'12, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°29'12, Lahiri = 40°36'13

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3195
geocentric

NOVEMBER 3195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 41 5	8♏25'41	26♑30	25♏28	29♍26	17♐37	27♒ 0	8♑ 6	22°R 9	23°R39	13♍48	7°R 0	6♉48	19♒28	19♑10	W 1
T 2	2 45 2	9°25'02	8♒27	26°57	0♎37	18°19	27° 2	8°11	22♉ 7	23♉37	13°50	7°D 0	6°45	19°34	19°13	T 2
F 3	2 48 58	10°24'24	20°20	28°24	1°48	19° 1	27° 4	8°15	22° 5	23°36	13°51	7♉ 0	6°42	19°41	19°16	F 3
S 4	2 52 55	11°23'48	2♓14	29°51	2°59	19°44	27° 6	8°20	22° 2	23°34	13°52	7° 0	6°39	19°48	19°20	S 4
S 5	2 56 51	12°23'14	14°13	1♐17	4°10	20°26	27° 8	8°25	22° 0	23°32	13°53	7° 1	6°35	19°54	19°23	S 5
M 6	3 0 48	13°22'41	26°22	2°42	5°21	21° 9	27°11	8°30	21°57	23°31	13°54	7° 2	6°32	20° 1	19°26	M 6
T 7	3 4 44	14°22'11	8♈44	4° 6	6°32	21°52	27°14	8°35	21°55	23°29	13°55	7° 2	6°29	20° 8	19°30	T 7
W 8	3 8 41	15°21'42	21°22	5°29	7°44	22°35	27°17	8°40	21°52	23°27	13°56	7° 3	6°26	20°15	19°34	W 8
T 9	3 12 37	16°21'15	4♉16	6°51	8°55	23°18	27°20	8°45	21°50	23°26	13°58	7°R 3	6°23	20°21	19°37	T 9
F 10	3 16 34	17°20'49	17°29	8°13	10° 7	24° 1	27°23	8°51	21°48	23°24	13°59	7° 3	6°19	20°28	19°41	F 10
S 11	3 20 31	18°20'26	0♊58	9°33	11°19	24°44	27°27	8°56	21°45	23°22	14° 0	7° 2	6°16	20°35	19°45	S 11
S 12	3 24 27	19°20'05	14°43	10°53	12°31	25°27	27°31	9° 1	21°43	23°21	14° 1	7° 1	6°13	20°41	19°49	S 12
M13	3 28 24	20°19'46	28°39	12°11	13°43	26°10	27°35	9° 7	21°40	23°19	14° 2	6°59	6°10	20°48	19°53	M13
T 14	3 32 20	21°19'29	12♋45	13°28	14°55	26°53	27°39	9°12	21°38	23°17	14° 3	6°58	6° 7	20°55	19°57	T 14
W15	3 36 17	22°19'14	26°56	14°43	16° 7	27°36	27°43	9°18	21°35	23°16	14° 3	6°56	6° 4	21° 2	20° 1	W15
T 16	3 40 13	23°19'02	11♌ 9	15°57	17°19	28°20	27°48	9°23	21°33	23°14	14° 4	6°55	6° 0	21° 8	20° 5	T 16
F 17	3 44 10	24°18'51	25°22	17°10	18°32	29° 3	27°52	9°29	21°30	23°12	14° 5	6°D55	5°57	21°15	20° 9	F 17
S 18	3 48 6	25°18'43	9♍32	18°21	19°44	29°47	27°57	9°35	21°28	23°11	14° 6	6°55	5°54	21°22	20°13	S 18
S 19	3 52 3	26°18'37	23°37	19°29	20°57	0♑30	28° 2	9°40	21°26	23° 9	14° 7	6°56	5°51	21°28	20°17	S 19
M20	3 56 0	27°18'33	7♎35	20°36	22° 9	1°14	28° 7	9°46	21°23	23° 7	14° 8	6°57	5°48	21°35	20°22	M20
T 21	3 59 56	28°18'31	21°25	21°40	23°22	1°58	28°13	9°52	21°21	23° 6	14° 8	6°59	5°45	21°42	20°26	T 21
W22	4 3 53	29°18'31	5♏ 5	22°41	24°35	2°42	28°18	9°58	21°18	23° 4	14° 9	6°R59	5°41	21°49	20°30	W22
T 23	4 7 49	0♐18'33	18°33	23°40	25°48	3°25	28°24	10° 4	21°16	23° 2	14°10	6°59	5°38	21°55	20°35	T 23
F 24	4 11 46	1°18'37	1♐47	24°35	27° 1	4° 9	28°30	10°10	21°13	23° 1	14°10	6°57	5°35	22° 2	20°40	F 24
S 25	4 15 42	2°18'43	14°47	25°27	28°14	4°53	28°36	10°16	21°11	22°59	14°11	6°54	5°32	22° 9	20°44	S 25
S 26	4 19 39	3°18'50	27°32	26°14	29°27	5°37	28°42	10°22	21° 9	22°57	14°12	6°50	5°29	22°15	20°49	S 26
M27	4 23 35	4°19'00	10♑ 1	26°56	0♏40	6°22	28°48	10°28	21° 6	22°56	14°12	6°45	5°25	22°22	20°54	M27
T 28	4 27 32	5°19'10	22°17	27°34	1°53	7° 6	28°55	10°34	21° 4	22°54	14°13	6°41	5°22	22°29	20°58	T 28
W29	4 31 29	6°19'23	4♒21	28° 5	3° 6	7°50	29° 2	10°41	21° 2	22°52	14°13	6°36	5°19	22°36	21° 3	W29
T 30	4 35 25	7♐19'36	16♒18	28♐30	4♏20	8♑34	29♒ 8	10♑47	20♉59	22♉51	14♍14	6♉33	5♉16	22♒42	21♑ 8	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s13	25s49	5s12	20s17	1s19	1n15	1n 7	23s37	0s54	13s20	0s57	22s12	0n50	17n48	0s24	16n54	1s43	15n36	10n 4	13n46	13n42	19s39	14s46	7n13
T 2	14 32	23 8	5 17	20 44	1 26	0 50	1 10	23 41	0 54	13 19	0 57	22 12	0 50	17 48	0 24	16 54	1 43	15 36	10 4	13 46	13 41	19 37	14 47	7 13
F 3	14 51	19 29	5 8	21 11	1 32	0 24	1 13	23 45	0 55	13 18	0 57	22 12	0 50	17 47	0 24	16 54	1 43	15 36	10 4	13 46	13 40	19 35	14 47	7 12
S 4	15 9	15 5	4 47	21 36	1 39	0s 1	1 15	23 49	0 55	13 17	0 57	22 12	0 50	17 46	0 24	16 53	1 43	15 36	10 5	13 46	13 39	19 32	14 47	7 12
S 5	15 27	10 4	4 13	22 0	1 45	0 27	1 18	23 52	0 56	13 17	0 57	22 12	0 50	17 46	0 24	16 53	1 43	15 36	10 5	13 46	13 38	19 30	14 47	7 11
M 6	15 45	4 36	3 27	22 23	1 51	0 53	1 20	23 55	0 56	13 16	0 57	22 11	0 50	17 45	0 24	16 52	1 43	15 36	10 5	13 46	13 37	19 28	14 47	7 11
T 7	16 3	1n 8	2 31	22 44	1 57	1 19	1 22	23 59	0 56	13 14	0 57	22 11	0 50	17 45	0 24	16 52	1 43	15 35	10 6	13 47	13 36	19 25	14 47	7 10
W 8	16 20	6 57	1 26	23 5	2 2	1 45	1 25	24 1	0 57	13 13	0 56	22 11	0 49	17 44	0 24	16 52	1 43	15 35	10 6	13 47	13 35	19 23	14 47	7 10
T 9	16 37	12 37	0 15	23 25	2 8	2 11	1 27	24 4	0 57	13 12	0 56	22 11	0 49	17 43	0 24	16 51	1 43	15 35	10 6	13 47	13 34	19 21	14 47	7 9
F 10	16 54	17 52	0n57	23 43	2 13	2 37	1 29	24 6	0 57	13 11	0 56	22 11	0 49	17 43	0 24	16 51	1 43	15 35	10 7	13 47	13 33	19 18	14 47	7 9
S 11	17 11	22 19	2 8	24 1	2 18	3 3	1 31	24 9	0 58	13 10	0 56	22 10	0 49	17 42	0 24	16 50	1 43	15 35	10 7	13 47	13 32	19 16	14 47	7 8
S 12	17 27	25 37	3 13	24 17	2 23	3 30	1 32	24 11	0 58	13 8	0 56	22 10	0 49	17 41	0 24	16 50	1 43	15 35	10 7	13 46	13 31	19 14	14 47	7 8
M13	17 43	27 25	4 8	24 32	2 27	3 56	1 34	24 12	0 58	13 7	0 56	22 10	0 49	17 41	0 24	16 49	1 43	15 35	10 8	13 46	13 29	19 11	14 47	7 7
T 14	17 59	27 27	4 48	24 46	2 31	4 22	1 36	24 14	0 59	13 5	0 56	22 10	0 49	17 40	0 24	16 49	1 43	15 35	10 8	13 45	13 28	19 9	14 47	7 7
W15	18 14	25 43	5 11	24 59	2 35	4 48	1 37	24 15	0 59	13 4	0 56	22 9	0 49	17 40	0 24	16 49	1 43	15 35	10 8	13 45	13 27	19 6	14 46	7 6
T 16	18 29	22 21	5 15	25 10	2 38	5 14	1 39	24 16	0 59	13 2	0 56	22 9	0 48	17 39	0 24	16 48	1 43	15 35	10 9	13 44	13 26	19 4	14 46	7 6
F 17	18 44	17 41	4 59	25 21	2 41	5 40	1 40	24 17	1 0	13 0	0 56	22 9	0 48	17 38	0 24	16 48	1 43	15 35	10 9	13 44	13 25	19 2	14 46	7 5
S 18	18 58	12 3	4 26	25 30	2 44	6 6	1 42	24 17	1 0	12 59	0 55	22 9	0 48	17 38	0 24	16 47	1 43	15 35	10 9	13 44	13 24	18 59	14 46	7 5
S 19	19 12	5 50	3 37	25 38	2 46	6 32	1 43	24 18	1 0	12 57	0 55	22 8	0 48	17 37	0 24	16 47	1 43	15 35	10 10	13 45	13 23	18 57	14 46	7 4
M20	19 26	0s37	2 35	25 44	2 48	6 58	1 44	24 18	1 1	12 55	0 55	22 8	0 48	17 36	0 24	16 47	1 43	15 35	10 10	13 45	13 22	18 54	14 46	7 4
T 21	19 39	6 59	1 25	25 50	2 49	7 24	1 45	24 17	1 1	12 53	0 55	22 8	0 48	17 36	0 24	16 46	1 43	15 35	10 10	13 45	13 21	18 52	14 46	7 4
W22	19 52	12 58	0 11	25 54	2 49	7 49	1 46	24 17	1 1	12 51	0 55	22 7	0 48	17 35	0 24	16 46	1 43	15 35	10 11	13 46	13 20	18 49	14 45	7 3
T 23	20 5	18 15	1s 3	25 57	2 49	8 15	1 47	24 16	1 2	12 49	0 55	22 7	0 48	17 35	0 24	16 45	1 43	15 35	10 11	13 45	13 19	18 47	14 45	7 3
F 24	20 18	22 33	2 12	25 59	2 48	8 40	1 47	24 15	1 2	12 47	0 55	22 7	0 47	17 34	0 24	16 45	1 43	15 35	10 11	13 45	13 18	18 45	14 45	7 2
S 25	20 29	25 37	3 13	25 59	2 46	9 5	1 48	24 14	1 2	12 45	0 55	22 6	0 47	17 33	0 24	16 45	1 43	15 35	10 12	13 44	13 17	18 42	14 45	7 2
S 26	20 41	27 18	4 2	25 58	2 44	9 31	1 49	24 12	1 2	12 42	0 55	22 6	0 47	17 33	0 24	16 44	1 43	15 35	10 12	13 43	13 16	18 40	14 44	7 2
M27	20 52	27 33	4 39	25 56	2 41	9 55	1 49	24 11	1 3	12 40	0 55	22 6	0 47	17 32	0 24	16 44	1 43	15 35	10 12	13 41	13 15	18 37	14 44	7 1
T 28	21 3	26 26	5 3	25 52	2 36	10 20	1 50	24 9	1 3	12 38	0 55	22 5	0 47	17 32	0 24	16 43	1 43	15 35	10 13	13 39	13 14	18 35	14 44	7 1
W29	21 14	24 6	5 12	25 47	2 31	10 45	1 50	24 6	1 3	12 35	0 54	22 5	0 47	17 31	0 24	16 43	1 43	15 35	10 13	13 38	13 13	18 32	14 43	7 0
T 30	21s24	20s45	5s 8	25s41	2s24	11s 9	1n50	24s 4	1s 3	12s33	0s54	22s 4	0n47	17n30	0s24	16n43	1s43	15n36	10n14	13n37	13n12	18s30	14s43	7n 0

Julian Day Number = 2888313.5, Delta T = 01h18m09s
Ecliptic obliquity = 23°17'12, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°29'16, Lahiri = 40°36'17

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ASTRODIENST EPHEMERIS for the year 3195
geocentric

DECEMBER 3195 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 39 22	8♐19'51	28♒10	28♐48	5♏33	9♑19	29♒15	10♑53	20°R57	22°R49	14♍14	6°R31	5♉13	22♒49	21♑13	F 1
S 2	4 43 18	9°20'08	10♓ 2	28°57	6°46	10° 3	29°23	11° 0	20♉55	22♉48	14°15	6°D30	5°10	22°56	21°18	S 2
S 3	4 47 15	10°20'26	21°59	28°R59	8° 0	10°48	29°30	11° 6	20°52	22°46	14°15	6♉31	5° 6	23° 2	21°23	S 3
M 4	4 51 11	11°20'45	4♈ 7	28°51	9°14	11°32	29°37	11°12	20°50	22°44	14°16	6°32	5° 3	23° 9	21°28	M 4
T 5	4 55 8	12°21'06	16°30	28°33	10°27	12°17	29°45	11°19	20°48	22°43	14°16	6°34	5° 0	23°16	21°33	T 5
W 6	4 59 4	13°21'28	29°12	28° 4	11°41	13° 2	29°53	11°26	20°46	22°41	14°16	6°35	4°57	23°23	21°38	W 6
T 7	5 3 1	14°21'51	12♉16	27°26	12°54	13°47	0♓ 1	11°32	20°43	22°40	14°17	6°R36	4°54	23°29	21°43	T 7
F 8	5 6 58	15°22'16	25°43	26°37	14° 8	14°31	0° 9	11°39	20°41	22°38	14°17	6°34	4°51	23°36	21°48	F 8
S 9	5 10 54	16°22'42	9♊34	25°38	15°22	15°16	0°17	11°45	20°39	22°37	14°17	6°30	4°47	23°43	21°54	S 9
S 10	5 14 51	17°23'10	23°45	24°31	16°36	16° 1	0°25	11°52	20°37	22°35	14°17	6°25	4°44	23°50	21°59	S 10
M11	5 18 47	18°23'39	8♋11	23°17	17°50	16°46	0°34	11°59	20°35	22°34	14°17	6°19	4°41	23°56	22° 4	M11
T 12	5 22 44	19°24'10	22°46	21°58	19° 4	17°31	0°43	12° 5	20°33	22°32	14°18	6°12	4°38	24° 3	22°10	T 12
W13	5 26 40	20°24'42	7♌23	20°36	20°18	18°16	0°51	12°12	20°31	22°31	14°18	6° 5	4°35	24°10	22°15	W13
T 14	5 30 37	21°25'16	21°56	19°14	21°32	19° 2	1° 0	12°19	20°29	22°29	14°18	6° 0	4°32	24°16	22°20	T 14
F 15	5 34 34	22°25'52	6♍19	17°56	22°46	19°47	1° 9	12°26	20°27	22°28	14°18	5°57	4°28	24°23	22°26	F 15
S 16	5 38 30	23°26'29	20°29	16°42	24° 0	20°32	1°19	12°33	20°25	22°27	14°R18	5°D56	4°25	24°30	22°31	S 16
S 17	5 42 27	24°27'08	4♎24	15°37	25°14	21°17	1°28	12°39	20°23	22°25	14°18	5°56	4°22	24°37	22°37	S 17
M18	5 46 23	25°27'48	18° 6	14°41	26°29	22° 3	1°37	12°46	20°21	22°24	14°18	5°57	4°19	24°43	22°42	M18
T 19	5 50 20	26°28'30	1♏33	13°55	27°43	22°48	1°47	12°53	20°19	22°22	14°18	5°R58	4°16	24°50	22°48	T 19
W20	5 54 16	27°29'14	14°48	13°21	28°57	23°34	1°57	13° 0	20°17	22°21	14°18	5°58	4°12	24°57	22°54	W20
T 21	5 58 13	28°29'59	27°52	12°59	0♐12	24°19	2° 6	13° 7	20°16	22°20	14°17	5°55	4° 9	25° 3	22°59	T 21
F 22	6 2 9	29°30'45	10♐44	12°48	1°26	25° 5	2°16	13°14	20°14	22°19	14°17	5°50	4° 6	25°10	23° 5	F 22
S 23	6 6 6	0♑31'33	23°26	12°D48	2°41	25°51	2°26	13°21	20°12	22°17	14°17	5°43	4° 3	25°17	23°11	S 23
S 24	6 10 3	1°32'22	5♑56	12°58	3°55	26°37	2°37	13°28	20°10	22°16	14°17	5°33	4° 0	25°24	23°16	S 24
M25	6 13 59	2°33'12	18°16	13°17	5° 9	27°22	2°47	13°35	20° 9	22°15	14°17	5°22	3°57	25°30	23°22	M25
T 26	6 17 56	3°34'03	0♒26	13°45	6°24	28° 8	2°57	13°42	20° 7	22°14	14°16	5°10	3°53	25°37	23°28	T 26
W27	6 21 52	4°34'54	12°27	14°21	7°39	28°54	3° 8	13°49	20° 6	22°13	14°16	4°59	3°50	25°44	23°34	W27
T 28	6 25 49	5°35'47	24°21	15° 3	8°53	29°40	3°18	13°56	20° 4	22°11	14°16	4°50	3°47	25°50	23°39	T 28
F 29	6 29 45	6°36'40	6♓11	15°52	10° 8	0♒26	3°29	14° 3	20° 3	22°10	14°15	4°43	3°44	25°57	23°45	F 29
S 30	6 33 42	7°37'34	18° 1	16°46	11°22	1°12	3°40	14°10	20° 1	22° 9	14°15	4°38	3°41	26° 4	23°51	S 30
S 31	6 37 39	8♑38'29	29♓55	17♐44	12♐37	1♒58	3♓51	14♑17	20♉ 0	22♉ 8	14♍15	4♉36	3♉38	26♒11	23♑57	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s33	16s35	4s50	25s33	2s16	11s33	1n50	24s 1	1s 4	12s30	0s54	22s 4	0n47	17n30	0s24	16n42	1s43	15n36	10n14	13n36	13n11	18s27	14s43	7n 0
S 2	21 43	11 47	4 21	25 24	2 7	11 57	1 50	23 58	1 4	12 28	0 54	22 4	0 47	17 29	0 24	16 42	1 43	15 36	10 14	13 36	13 10	18 25	14 42	6 59
S 3	21 51	6 31	3 39	25 14	1 57	12 21	1 50	23 55	1 4	12 25	0 54	22 3	0 46	17 29	0 24	16 41	1 43	15 36	10 15	13 36	13 8	18 22	14 42	6 59
M 4	22 0	0 56	2 48	25 2	1 45	12 44	1 50	23 51	1 4	12 22	0 54	22 3	0 46	17 28	0 24	16 41	1 43	15 36	10 15	13 37	13 7	18 20	14 41	6 59
T 5	22 8	4n48	1 47	24 48	1 31	13 7	1 50	23 48	1 5	12 20	0 54	22 2	0 46	17 27	0 24	16 41	1 43	15 36	10 15	13 37	13 6	18 17	14 41	6 58
W 6	22 15	10 29	0 40	24 32	1 16	13 30	1 50	23 44	1 5	12 17	0 54	22 2	0 46	17 27	0 24	16 40	1 43	15 37	10 16	13 38	13 5	18 15	14 41	6 58
T 7	22 23	15 54	0n31	24 15	0 59	13 52	1 49	23 39	1 5	12 14	0 54	22 1	0 46	17 26	0 24	16 40	1 43	15 37	10 16	13 38	13 4	18 12	14 40	6 58
F 8	22 29	20 43	1 42	23 56	0 42	14 15	1 49	23 35	1 5	12 11	0 54	22 1	0 46	17 26	0 24	16 40	1 43	15 37	10 17	13 37	13 3	18 10	14 40	6 57
S 9	22 36	24 32	2 49	23 36	0 23	14 37	1 48	23 30	1 5	12 8	0 54	22 1	0 46	17 25	0 24	16 39	1 43	15 37	10 17	13 36	13 2	18 7	14 39	6 57
S 10	22 42	26 56	3 47	23 13	0 3	14 58	1 48	23 25	1 5	12 5	0 53	22 0	0 46	17 25	0 24	16 39	1 43	15 38	10 17	13 34	13 1	18 5	14 39	6 57
M11	22 47	27 34	4 32	22 49	0n18	15 19	1 47	23 20	1 6	12 2	0 53	22 0	0 46	17 24	0 24	16 38	1 42	15 38	10 18	13 32	13 0	18 2	14 38	6 57
T 12	22 52	26 18	5 0	22 25	0 38	15 40	1 46	23 14	1 6	11 59	0 53	21 59	0 46	17 24	0 24	16 38	1 42	15 38	10 18	13 30	12 59	18 0	14 38	6 56
W13	22 57	23 16	5 8	22 0	0 58	16 1	1 46	23 8	1 6	11 56	0 53	21 59	0 46	17 23	0 24	16 38	1 42	15 39	10 18	13 28	12 58	17 57	14 37	6 56
T 14	23 1	18 47	4 56	21 35	1 17	16 21	1 45	23 2	1 6	11 53	0 53	21 58	0 45	17 23	0 24	16 37	1 42	15 39	10 19	13 26	12 57	17 55	14 36	6 56
F 15	23 4	13 16	4 26	21 10	1 35	16 40	1 44	22 56	1 6	11 49	0 53	21 57	0 45	17 22	0 24	16 37	1 42	15 39	10 19	13 25	12 56	17 52	14 36	6 55
S 16	23 8	7 8	3 40	20 48	1 51	17 0	1 43	22 49	1 6	11 46	0 53	21 57	0 45	17 22	0 24	16 37	1 42	15 39	10 20	13 25	12 55	17 50	14 35	6 55
S 17	23 10	0 44	2 42	20 27	2 4	17 19	1 41	22 43	1 7	11 43	0 53	21 56	0 45	17 21	0 24	16 37	1 42	15 40	10 20	13 25	12 54	17 47	14 35	6 55
M18	23 13	5s35	1 35	20 10	2 16	17 37	1 40	22 36	1 7	11 39	0 53	21 56	0 45	17 21	0 23	16 36	1 42	15 40	10 20	13 25	12 53	17 45	14 34	6 55
T 19	23 14	11 34	0 24	19 55	2 25	17 55	1 39	22 28	1 7	11 36	0 53	21 55	0 45	17 20	0 23	16 36	1 42	15 41	10 21	13 26	12 52	17 42	14 33	6 55
W20	23 16	16 56	0s47	19 44	2 33	18 12	1 38	22 21	1 7	11 32	0 53	21 55	0 45	17 20	0 23	16 36	1 42	15 41	10 21	13 25	12 50	17 40	14 33	6 54
T 21	23 17	21 25	1 55	19 36	2 38	18 29	1 36	22 13	1 7	11 29	0 53	21 54	0 45	17 19	0 23	16 35	1 42	15 41	10 21	13 25	12 49	17 37	14 32	6 54
F 22	23 17	24 48	2 55	19 32	2 41	18 46	1 35	22 5	1 7	11 25	0 53	21 53	0 45	17 19	0 23	16 35	1 42	15 42	10 22	13 23	12 48	17 34	14 31	6 54
S 23	23 17	26 53	3 46	19 30	2 42	19 2	1 33	21 57	1 7	11 21	0 53	21 53	0 45	17 18	0 23	16 35	1 42	15 42	10 22	13 21	12 47	17 32	14 30	6 54
S 24	23 17	27 34	4 25	19 32	2 42	19 18	1 32	21 48	1 7	11 18	0 52	21 52	0 45	17 18	0 23	16 34	1 42	15 43	10 22	13 17	12 46	17 29	14 30	6 54
M25	23 16	26 51	4 50	19 36	2 41	19 33	1 30	21 39	1 7	11 14	0 52	21 52	0 44	17 18	0 23	16 34	1 42	15 43	10 23	13 14	12 45	17 27	14 29	6 53
T 26	23 14	24 51	5 3	19 42	2 38	19 47	1 28	21 30	1 8	11 10	0 52	21 51	0 44	17 17	0 23	16 34	1 42	15 43	10 23	13 10	12 44	17 24	14 28	6 53
W27	23 12	21 46	5 1	19 50	2 34	20 1	1 27	21 21	1 8	11 6	0 52	21 50	0 44	17 17	0 23	16 34	1 42	15 44	10 24	13 6	12 43	17 21	14 27	6 53
T 28	23 10	17 49	4 46	19 59	2 29	20 15	1 25	21 12	1 8	11 2	0 52	21 50	0 44	17 16	0 23	16 33	1 42	15 44	10 24	13 3	12 42	17 19	14 27	6 53
F 29	23 7	13 12	4 20	20 9	2 24	20 27	1 23	21 2	1 8	10 59	0 52	21 49	0 44	17 16	0 23	16 33	1 42	15 45	10 24	13 1	12 41	17 16	14 26	6 53
S 30	23 4	8 7	3 42	20 21	2 18	20 40	1 21	20 52	1 8	10 55	0 52	21 48	0 44	17 16	0 23	16 33	1 42	15 45	10 25	12 59	12 40	17 14	14 25	6 53
S 31	23s 0	2s41	2s54	20s33	2n11	20s51	1n19	20s42	1s 8	10s51	0s52	21s48	0n44	17n15	0s23	16n33	1s42	15n46	10n25	12n58	12n39	17s11	14s24	6n53

Julian Day Number = 2888343.5, Delta T = 01h18m10s
Ecliptic obliquity = 23°17'12, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°29'21, Lahiri = 40°36'21

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ASTRODIENST EPHEMERIS for the year 3196
geocentric

JANUARY 3196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 41 35	9♑39'24	11♈59	18♐47	13♐52	2♒44	4♓ 2	14♑24	19°R58	22°R 7	14°R14	4°D36	3♉34	26♒17	24♑ 3	M 1
T 2	6 45 32	10°40'20	24°17	19°53	15° 6	3°30	4°13	14°32	19♉57	22♉ 6	14♏14	4♉36	3°31	26°24	24° 9	T 2
W 3	6 49 28	11°41'16	6♉56	21° 2	16°21	4°17	4°24	14°39	19°56	22° 5	14°13	4°R36	3°28	26°31	24°14	W 3
T 4	6 53 25	12°42'13	19°59	22°14	17°36	5° 3	4°36	14°46	19°55	22° 4	14°13	4°35	3°25	26°37	24°20	T 4
F 5	6 57 21	13°43'10	3♊29	23°29	18°51	5°49	4°47	14°53	19°53	22° 3	14°12	4°32	3°22	26°44	24°26	F 5
S 6	7 1 18	14°44'08	17°29	24°45	20° 5	6°35	4°59	15° 0	19°52	22° 3	14°11	4°26	3°18	26°51	24°32	S 6
S 7	7 5 14	15°45'07	1♋55	26° 4	21°20	7°22	5°10	15° 7	19°51	22° 2	14°11	4°17	3°15	26°58	24°38	S 7
M 8	7 9 11	16°46'06	16°43	27°23	22°35	8° 8	5°22	15°14	19°50	22° 1	14°10	4° 7	3°12	27° 4	24°44	M 8
T 9	7 13 8	17°47'05	1♌44	28°45	23°50	8°55	5°34	15°21	19°49	22° 0	14°10	3°56	3° 9	27°11	24°50	T 9
W10	7 17 4	18°48'06	16°48	0♑ 7	25° 5	9°41	5°46	15°28	19°48	21°59	14° 9	3°45	3° 6	27°18	24°56	W10
T 11	7 21 1	19°49'07	1♍46	1°31	26°20	10°28	5°58	15°35	19°47	21°59	14° 8	3°36	3° 3	27°24	25° 2	T 11
F 12	7 24 57	20°50'08	16°30	2°55	27°35	11°14	6°10	15°43	19°47	21°58	14° 7	3°29	2°59	27°31	25° 8	F 12
S 13	7 28 54	21°51'10	0♎53	4°20	28°49	12° 1	6°22	15°50	19°46	21°57	14° 7	3°26	2°56	27°38	25°14	S 13
S 14	7 32 50	22°52'13	14°54	5°47	0♑ 4	12°48	6°34	15°57	19°45	21°57	14° 6	3°24	2°53	27°44	25°20	S 14
M15	7 36 47	23°53'17	28°32	7°13	1°19	13°34	6°47	16° 4	19°44	21°56	14° 5	3°24	2°50	27°51	25°26	M15
T 16	7 40 43	24°54'21	11♏51	8°41	2°34	14°21	6°59	16°11	19°44	21°55	14° 4	3°24	2°47	27°58	25°32	T 16
W17	7 44 40	25°55'26	24°51	10° 9	3°49	15° 8	7°12	16°18	19°43	21°55	14° 3	3°23	2°44	28° 5	25°38	W17
T 18	7 48 37	26°56'32	7♐37	11°37	5° 4	15°55	7°24	16°25	19°43	21°54	14° 2	3°19	2°40	28°11	25°44	T 18
F 19	7 52 33	27°57'38	20°11	13° 6	6°19	16°41	7°37	16°32	19°42	21°54	14° 1	3°12	2°37	28°18	25°50	F 19
S 20	7 56 30	28°58'44	2♑36	14°36	7°34	17°28	7°50	16°39	19°42	21°53	14° 0	3° 2	2°34	28°25	25°56	S 20
S 21	8 0 26	29°59'51	14°51	16° 6	8°50	18°15	8° 2	16°46	19°41	21°53	14° 0	2°49	2°31	28°31	26° 2	S 21
M22	8 4 23	1♒ 0'58	27° 0	17°36	10° 5	19° 2	8°15	16°53	19°41	21°53	13°59	2°34	2°28	28°38	26° 8	M22
T 23	8 8 19	2° 2'05	9♒ 1	19° 7	11°20	19°49	8°28	17° 0	19°41	21°52	13°58	2°19	2°24	28°45	26°14	T 23
W24	8 12 16	3° 3'12	20°57	20°38	12°35	20°36	8°41	17° 7	19°40	21°52	13°56	2° 4	2°21	28°52	26°20	W24
T 25	8 16 12	4° 4'19	2♓49	22°10	13°50	21°23	8°54	17°14	19°40	21°52	13°55	1°51	2°18	28°58	26°26	T 25
F 26	8 20 9	5° 5'25	14°38	23°42	15° 5	22°10	9° 7	17°21	19°40	21°51	13°54	1°41	2°15	29° 5	26°32	F 26
S 27	8 24 6	6° 6'32	26°27	25°14	16°20	22°57	9°20	17°28	19°40	21°51	13°53	1°34	2°12	29°12	26°37	S 27
S 28	8 28 2	7° 7'38	8♈20	26°47	17°35	23°44	9°34	17°34	19°D40	21°51	13°52	1°30	2° 9	29°18	26°43	S 28
M29	8 31 59	8° 8'44	20°22	28°20	18°50	24°32	9°47	17°41	19°40	21°51	13°51	1°28	2° 5	29°25	26°49	M29
T 30	8 35 55	9° 9'49	2♉36	29°54	20° 5	25°19	10° 0	17°48	19°40	21°51	13°50	1°28	2° 2	29°32	26°55	T 30
W31	8 39 52	10♒10'54	15♉ 9	1♒28	21♑21	26♒ 6	10♓14	17♑55	19♉40	21♉51	13♍49	1♉28	1♉59	29♒39	27♑ 1	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s56	2n54	1s57	20s45	2n 4	21s 2	1n17	20s31	1s 8	10s47	0s52	21s47	0n44	17n15	0s23	16n33	1s42	15n46	10n25	12n58	12n38	17s 8	14s23	6n52
T 2	22 52	8 31	0 55	20 58	1 57	21 13	1 15	20 21	1 8	10 42	0 52	21 46	0 44	17 15	0 23	16 32	1 42	15 47	10 26	12 58	12 37	17 6	14 22	6 52
W 3	22 47	13 56	0n12	21 10	1 49	21 23	1 13	20 10	1 8	10 38	0 52	21 46	0 44	17 14	0 23	16 32	1 42	15 47	10 26	12 58	12 36	17 3	14 22	6 52
T 4	22 41	18 55	1 21	21 22	1 42	21 32	1 11	19 59	1 8	10 34	0 52	21 45	0 44	17 14	0 23	16 32	1 42	15 48	10 26	12 58	12 34	17 0	14 21	6 52
F 5	22 35	23 7	2 27	21 34	1 34	21 41	1 9	19 48	1 8	10 30	0 52	21 44	0 44	17 14	0 23	16 32	1 42	15 48	10 27	12 57	12 33	16 58	14 20	6 52
S 6	22 29	26 8	3 27	21 46	1 25	21 49	1 7	19 36	1 8	10 26	0 52	21 44	0 44	17 13	0 23	16 32	1 41	15 49	10 27	12 55	12 32	16 55	14 19	6 52
S 7	22 22	27 31	4 15	21 56	1 17	21 56	1 4	19 24	1 8	10 21	0 52	21 43	0 44	17 13	0 23	16 31	1 41	15 49	10 27	12 52	12 31	16 53	14 18	6 52
M 8	22 15	27 0	4 47	22 7	1 9	22 3	1 2	19 13	1 8	10 17	0 52	21 42	0 43	17 13	0 23	16 31	1 41	15 50	10 28	12 49	12 30	16 50	14 17	6 52
T 9	22 7	24 32	5 1	22 16	1 1	22 9	1 0	19 0	1 8	10 13	0 52	21 41	0 43	17 13	0 23	16 31	1 41	15 51	10 28	12 45	12 29	16 47	14 16	6 52
W10	21 59	20 21	4 53	22 24	0 53	22 15	0 57	18 48	1 8	10 8	0 52	21 41	0 43	17 12	0 23	16 31	1 41	15 51	10 28	12 41	12 28	16 45	14 15	6 52
T 11	21 50	14 55	4 26	22 32	0 45	22 19	0 55	18 36	1 8	10 4	0 51	21 40	0 43	17 12	0 23	16 31	1 41	15 52	10 29	12 38	12 27	16 42	14 14	6 52
F 12	21 41	8 41	3 41	22 39	0 37	22 23	0 52	18 23	1 8	9 59	0 51	21 39	0 43	17 12	0 23	16 31	1 41	15 52	10 29	12 36	12 26	16 39	14 13	6 52
S 13	21 32	2 9	2 43	22 44	0 29	22 27	0 50	18 10	1 8	9 55	0 51	21 38	0 43	17 12	0 23	16 31	1 41	15 53	10 29	12 35	12 25	16 37	14 12	6 52
S 14	21 22	4s21	1 36	22 49	0 21	22 30	0 48	17 57	1 8	9 50	0 51	21 38	0 43	17 12	0 23	16 30	1 41	15 54	10 30	12 34	12 24	16 34	14 11	6 52
M15	21 11	10 29	0 26	22 53	0 13	22 32	0 45	17 43	1 8	9 46	0 51	21 37	0 43	17 12	0 23	16 30	1 41	15 54	10 30	12 34	12 23	16 31	14 10	6 52
T 16	21 1	16 0	0s44	22 55	0 5	22 33	0 43	17 30	1 8	9 41	0 51	21 36	0 43	17 11	0 23	16 30	1 41	15 55	10 30	12 34	12 22	16 29	14 9	6 52
W17	20 50	20 39	1 51	22 57	0s 3	22 34	0 40	17 16	1 8	9 37	0 51	21 35	0 43	17 11	0 23	16 30	1 41	15 55	10 31	12 34	12 20	16 26	14 8	6 52
T 18	20 38	24 14	2 50	22 57	0 10	22 34	0 37	17 2	1 7	9 32	0 51	21 35	0 43	17 11	0 23	16 30	1 41	15 56	10 31	12 32	12 19	16 23	14 7	6 52
F 19	20 26	26 35	3 40	22 56	0 17	22 33	0 35	16 48	1 7	9 27	0 51	21 34	0 43	17 11	0 23	16 30	1 41	15 57	10 31	12 30	12 18	16 20	14 6	6 52
S 20	20 14	27 34	4 19	22 54	0 24	22 32	0 32	16 34	1 7	9 22	0 51	21 33	0 43	17 11	0 23	16 30	1 41	15 57	10 32	12 27	12 17	16 18	14 5	6 52
S 21	20 1	27 11	4 45	22 51	0 31	22 30	0 30	16 20	1 7	9 18	0 51	21 32	0 43	17 11	0 23	16 30	1 41	15 58	10 32	12 22	12 16	16 15	14 3	6 52
M22	19 48	25 29	4 58	22 46	0 38	22 27	0 27	16 5	1 7	9 13	0 51	21 31	0 43	17 11	0 23	16 30	1 41	15 59	10 32	12 17	12 15	16 12	14 2	6 52
T 23	19 35	22 40	4 57	22 40	0 45	22 24	0 24	15 50	1 7	9 8	0 51	21 31	0 43	17 11	0 23	16 30	1 41	15 59	10 32	12 12	12 14	16 10	14 1	6 52
W24	19 21	18 54	4 43	22 33	0 51	22 20	0 22	15 35	1 7	9 3	0 51	21 30	0 43	17 11	0 23	16 30	1 41	16 0	10 33	12 7	12 13	16 7	14 0	6 52
T 25	19 7	14 24	4 17	22 25	0 57	22 15	0 19	15 20	1 7	8 58	0 51	21 29	0 43	17 11	0 23	16 30	1 40	16 1	10 33	12 3	12 12	16 4	13 59	6 52
F 26	18 52	9 24	3 40	22 16	1 3	22 10	0 17	15 5	1 7	8 53	0 51	21 28	0 42	17 11	0 23	16 30	1 40	16 1	10 33	11 59	12 11	16 1	13 58	6 52
S 27	18 38	4 3	2 54	22 5	1 9	22 4	0 14	14 50	1 6	8 48	0 51	21 27	0 42	17 11	0 22	16 30	1 40	16 2	10 34	11 57	12 10	15 59	13 57	6 52
S 28	18 22	1n28	1 59	21 53	1 15	21 57	0 11	14 34	1 6	8 43	0 51	21 26	0 42	17 11	0 22	16 30	1 40	16 3	10 34	11 55	12 8	15 56	13 55	6 53
M29	18 7	7 0	0 58	21 40	1 20	21 50	0 9	14 18	1 6	8 38	0 51	21 26	0 42	17 11	0 22	16 30	1 40	16 3	10 34	11 55	12 7	15 53	13 54	6 53
T 30	17 51	12 24	0n 6	21 26	1 25	21 42	0 6	14 2	1 6	8 33	0 51	21 25	0 42	17 11	0 22	16 30	1 40	16 4	10 34	11 54	12 6	15 50	13 53	6 53
W31	17s35	17n25	1n12	21s10	1s30	21s33	0n 4	13s46	1s 6	8s28	0s51	21s24	0n42	17n11	0s22	16n30	1s40	16n 5	10n35	11n54	12n 5	15s48	13s52	6n53

Julian Day Number = 2888374.5, Delta T = 01h18m11s
Ecliptic obliquity = 23°17'12, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°29'25, Lahiri = 40°36'25

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ASTRODIENST EPHEMERIS for the year 3196
geocentric

FEBRUARY 3196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 43 48	11♒11'59	28♉ 5	3♒ 2	22♑36	26♒53	10♓27	18♑ 2	19♉40	21°D51	13°R47	1°R27	1♉56	29♒45	27♑ 7	T 1
F 2	8 47 45	12°13'03	11♊29	4°37	23°51	27°40	10°41	18° 8	19°40	21♉51	13♍46	1♉24	1°53	29°52	27°13	F 2
S 3	8 51 41	13°14'06	25°23	6°13	25° 6	28°27	10°54	18°15	19°41	21°51	13°45	1°18	1°50	29°59	27°18	S 3
S 4	8 55 38	14°15'09	9♋47	7°49	26°21	29°15	11° 8	18°22	19°41	21°51	13°44	1°10	1°46	0♓ 5	27°24	S 4
M 5	8 59 35	15°16'11	24°39	9°25	27°36	0♓ 2	11°21	18°28	19°41	21°51	13°43	1° 0	1°43	0°12	27°30	M 5
T 6	9 3 31	16°17'13	9♌49	11° 2	28°51	0°49	11°35	18°35	19°42	21°51	13°41	0°49	1°40	0°19	27°36	T 6
W 7	9 7 28	17°18'14	25° 9	12°40	0♒ 7	1°37	11°49	18°41	19°42	21°51	13°40	0°38	1°37	0°25	27°41	W 7
T 8	9 11 24	18°19'14	10♍26	14°18	1°22	2°24	12° 3	18°48	19°43	21°52	13°39	0°28	1°34	0°32	27°47	T 8
F 9	9 15 21	19°20'15	25°30	15°57	2°37	3°11	12°17	18°54	19°44	21°52	13°37	0°22	1°30	0°39	27°53	F 9
S 10	9 19 17	20°21'14	10♎12	17°36	3°52	3°59	12°30	19° 1	19°44	21°52	13°36	0°18	1°27	0°46	27°58	S 10
S 11	9 23 14	21°22'14	24°27	19°15	5° 7	4°46	12°44	19° 7	19°45	21°52	13°35	0°D16	1°24	0°52	28° 4	S 11
M12	9 27 11	22°23'13	8♏15	20°56	6°22	5°33	12°58	19°13	19°46	21°53	13°33	0°16	1°21	0°59	28°10	M12
T 13	9 31 7	23°24'12	21°38	22°37	7°38	6°21	13°12	19°20	19°46	21°53	13°32	0°R17	1°18	1° 6	28°15	T 13
W14	9 35 4	24°25'10	4♐37	24°18	8°53	7° 8	13°26	19°26	19°47	21°54	13°31	0°16	1°15	1°12	28°21	W14
T 15	9 39 0	25°26'08	17°17	26° 1	10° 8	7°56	13°40	19°32	19°48	21°54	13°29	0°14	1°11	1°19	28°26	T 15
F 16	9 42 57	26°27'06	29°42	27°44	11°23	8°43	13°54	19°38	19°49	21°54	13°28	0° 9	1° 8	1°26	28°32	F 16
S 17	9 46 53	27°28'03	11♑55	29°27	12°38	9°31	14° 9	19°45	19°50	21°55	13°26	0° 1	1° 5	1°33	28°37	S 17
S 18	9 50 50	28°28'59	24° 0	1♓11	13°54	10°18	14°23	19°51	19°51	21°56	13°25	29♈51	1° 2	1°39	28°42	S 18
M19	9 54 46	29°29'55	5♒59	2°56	15° 9	11° 5	14°37	19°57	19°52	21°56	13°24	29°39	0°59	1°46	28°48	M19
T 20	9 58 43	0♓30'49	17°53	4°41	16°24	11°53	14°51	20° 3	19°53	21°57	13°22	29°27	0°55	1°53	28°53	T 20
W21	10 2 40	1°31'43	29°45	6°27	17°39	12°40	15° 5	20° 9	19°55	21°57	13°21	29°15	0°52	1°59	28°58	W21
T 22	10 6 36	2°32'36	11♓36	8°13	18°54	13°28	15°20	20°15	19°56	21°58	13°19	29° 5	0°49	2° 6	29° 4	T 22
F 23	10 10 33	3°33'27	23°26	10° 0	20°10	14°15	15°34	20°20	19°57	21°59	13°18	28°57	0°46	2°13	29° 9	F 23
S 24	10 14 29	4°34'18	5♈19	11°47	21°25	15° 3	15°48	20°26	19°59	22° 0	13°16	28°51	0°43	2°19	29°14	S 24
S 25	10 18 26	5°35'07	17°17	13°34	22°40	15°50	16° 2	20°32	20° 0	22° 0	13°15	28°48	0°40	2°26	29°19	S 25
M26	10 22 22	6°35'56	29°22	15°22	23°55	16°38	16°17	20°38	20° 1	22° 1	13°13	28°D47	0°36	2°33	29°24	M26
T 27	10 26 19	7°36'42	11♉38	17° 9	25°10	17°25	16°31	20°43	20° 3	22° 2	13°12	28°48	0°33	2°40	29°29	T 27
W28	10 30 15	8°37'28	24°10	18°57	26°26	18°13	16°45	20°49	20° 4	22° 3	13°10	28°49	0°30	2°46	29°34	W28
T 29	10 34 12	9♓38'12	7♊ 2	20♓44	27♒41	19♓ 0	17♓ 0	20♑54	20♉ 6	22♉ 4	13♍ 9	28°R50	0♉27	2♓53	29♑39	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s18	21n49	2n16	20s53	1s34	21s24	0n 1	13s30	1s 6	8s23	0s51	21s23	0n42	17n11	0s22	16n30	1s40	16n 5	10n35	11n54	12n 4	15s45	13s51	6n53
F 2	17 1	25 14	3 15	20 35	1 39	21 14	0s 2	13 14	1 5	8 18	0 51	21 22	0 42	17 11	0 22	16 30	1 40	16 6	10 35	11 53	12 3	15 42	13 49	6 53
S 3	16 44	27 17	4 4	20 16	1 43	21 3	0 4	12 57	1 5	8 13	0 51	21 21	0 42	17 11	0 22	16 30	1 40	16 7	10 35	11 51	12 2	15 39	13 48	6 53
S 4	16 27	27 35	4 41	19 55	1 47	20 52	0 7	12 41	1 5	8 8	0 51	21 21	0 42	17 11	0 22	16 30	1 40	16 7	10 36	11 48	12 1	15 37	13 47	6 54
M 5	16 9	25 58	4 59	19 33	1 50	20 40	0 9	12 24	1 5	8 3	0 51	21 20	0 42	17 11	0 22	16 30	1 40	16 8	10 36	11 45	12 0	15 34	13 46	6 54
T 6	15 51	22 27	4 57	19 10	1 53	20 27	0 12	12 7	1 5	7 58	0 51	21 19	0 42	17 11	0 22	16 30	1 40	16 9	10 36	11 41	11 59	15 31	13 44	6 54
W 7	15 33	17 22	4 34	18 45	1 56	20 14	0 14	11 50	1 4	7 52	0 51	21 18	0 42	17 12	0 22	16 30	1 40	16 10	10 36	11 37	11 58	15 28	13 43	6 54
T 8	15 14	11 11	3 52	18 20	1 59	20 0	0 17	11 33	1 4	7 47	0 51	21 17	0 42	17 12	0 22	16 31	1 40	16 10	10 36	11 34	11 57	15 26	13 42	6 54
F 9	14 56	4 26	2 53	17 53	2 1	19 46	0 19	11 16	1 4	7 42	0 51	21 16	0 42	17 12	0 22	16 31	1 40	16 11	10 37	11 32	11 55	15 23	13 41	6 55
S 10	14 37	2s25	1 44	17 25	2 3	19 31	0 22	10 59	1 4	7 37	0 51	21 15	0 42	17 12	0 22	16 31	1 40	16 12	10 37	11 30	11 54	15 20	13 39	6 55
S 11	14 17	8 56	0 31	16 55	2 4	19 16	0 24	10 41	1 4	7 31	0 51	21 15	0 42	17 12	0 22	16 31	1 40	16 12	10 37	11 30	11 53	15 17	13 38	6 55
M12	13 58	14 50	0s42	16 25	2 5	19 0	0 27	10 24	1 3	7 26	0 51	21 14	0 42	17 13	0 22	16 31	1 39	16 13	10 37	11 30	11 52	15 14	13 37	6 55
T 13	13 38	19 51	1 51	15 53	2 6	18 43	0 29	10 6	1 3	7 21	0 51	21 13	0 42	17 13	0 22	16 31	1 39	16 14	10 37	11 30	11 51	15 12	13 35	6 55
W14	13 18	23 45	2 52	15 20	2 7	18 26	0 31	9 48	1 3	7 15	0 51	21 12	0 42	17 13	0 22	16 31	1 39	16 14	10 38	11 30	11 50	15 9	13 34	6 56
T 15	12 58	26 23	3 43	14 45	2 7	18 8	0 34	9 31	1 3	7 10	0 51	21 11	0 42	17 13	0 22	16 32	1 39	16 15	10 38	11 29	11 49	15 6	13 33	6 56
F 16	12 37	27 39	4 22	14 10	2 6	17 50	0 36	9 13	1 2	7 5	0 51	21 10	0 42	17 14	0 22	16 32	1 39	16 16	10 38	11 27	11 48	15 3	13 31	6 56
S 17	12 17	27 33	4 48	13 33	2 5	17 31	0 38	8 55	1 2	6 59	0 51	21 9	0 42	17 14	0 22	16 32	1 39	16 17	10 38	11 24	11 47	15 0	13 30	6 57
S 18	11 56	26 7	5 2	12 55	2 4	17 12	0 40	8 37	1 2	6 54	0 51	21 9	0 42	17 14	0 22	16 32	1 39	16 17	10 38	11 21	11 46	14 57	13 29	6 57
M19	11 35	23 31	5 1	12 16	2 2	16 52	0 43	8 18	1 1	6 48	0 51	21 8	0 42	17 15	0 22	16 32	1 39	16 18	10 38	11 17	11 44	14 55	13 27	6 57
T 20	11 13	19 56	4 48	11 35	2 0	16 32	0 45	8 0	1 1	6 43	0 51	21 7	0 42	17 15	0 22	16 33	1 39	16 19	10 39	11 13	11 43	14 52	13 26	6 57
W21	10 52	15 34	4 22	10 54	1 57	16 11	0 47	7 42	1 1	6 38	0 51	21 6	0 42	17 15	0 22	16 33	1 39	16 19	10 39	11 8	11 42	14 49	13 25	6 58
T 22	10 30	10 38	3 45	10 11	1 53	15 50	0 49	7 23	1 0	6 32	0 51	21 5	0 42	17 16	0 22	16 33	1 39	16 20	10 39	11 5	11 41	14 46	13 23	6 58
F 23	10 8	5 19	2 58	9 28	1 49	15 29	0 51	7 5	1 0	6 27	0 51	21 4	0 41	17 16	0 22	16 33	1 39	16 21	10 39	11 2	11 40	14 43	13 22	6 58
S 24	9 46	0n13	2 3	8 43	1 45	15 7	0 53	6 46	1 0	6 21	0 51	21 4	0 41	17 16	0 22	16 33	1 39	16 21	10 39	11 0	11 39	14 40	13 21	6 59
S 25	9 24	5 48	1 1	7 57	1 40	14 44	0 55	6 28	0 59	6 16	0 51	21 3	0 41	17 17	0 22	16 34	1 39	16 22	10 39	10 59	11 38	14 38	13 19	6 59
M26	9 2	11 14	0n 3	7 11	1 34	14 21	0 57	6 9	0 59	6 10	0 51	21 2	0 41	17 17	0 22	16 34	1 39	16 23	10 39	10 58	11 37	14 35	13 18	6 59
T 27	8 40	16 19	1 9	6 23	1 28	13 58	0 58	5 50	0 59	6 5	0 51	21 1	0 41	17 18	0 22	16 34	1 39	16 23	10 39	10 59	11 36	14 32	13 17	7 0
W28	8 17	20 50	2 12	5 35	1 21	13 34	1 0	5 32	0 58	5 59	0 51	21 0	0 41	17 18	0 22	16 35	1 39	16 24	10 40	10 59	11 35	14 29	13 15	7 0
T 29	7s54	24n29	3n11	4s46	1s13	13s10	1s 2	5s13	0s58	5s54	0s51	21s 0	0n41	17n18	0s22	16n35	1s38	16n25	10n40	10n59	11n33	14s26	13s14	7n 0

Julian Day Number = 2888405.5, Delta T = 01h18m11s
Ecliptic obliquity = 23°17'12, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°29'29, Lahiri = 40°36'30

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ASTRODIENST EPHEMERIS for the year 3196
geocentric

MARCH 3196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 38 8	10♓38'55	20♊18	22♓31	28♒56	19♓48	17♓14	21♑ 0	20♉ 8	22♉ 5	13°R 7	28°R49	0♉24	3♓ 0	29♑44	F 1
S 2	10 42 5	11°39'36	4♋ 1	24°16	0♓11	20°35	17°29	21° 5	20° 9	22° 6	13♍ 6	28♈47	0°21	3° 6	29°49	S 2
S 3	10 46 2	12°40'15	18°13	26° 1	1°26	21°23	17°43	21°10	20°11	22° 7	13° 4	28°43	0°17	3°13	29°54	S 3
M 4	10 49 58	13°40'53	2♌51	27°45	2°41	22°10	17°57	21°15	20°13	22° 8	13° 3	28°37	0°14	3°20	29°59	M 4
T 5	10 53 55	14°41'29	17°52	29°26	3°56	22°58	18°12	21°21	20°15	22° 9	13° 1	28°30	0°11	3°26	0♒ 3	T 5
W 6	10 57 51	15°42'04	3♍ 6	1♈ 5	5°12	23°45	18°26	21°26	20°16	22°10	13° 0	28°23	0° 8	3°33	0° 8	W 6
T 7	11 1 48	16°42'37	18°24	2°42	6°27	24°33	18°41	21°31	20°18	22°11	12°58	28°18	0° 5	3°40	0°13	T 7
F 8	11 5 44	17°43'09	3♎34	4°15	7°42	25°20	18°55	21°36	20°20	22°12	12°57	28°14	0° 1	3°47	0°17	F 8
S 9	11 9 41	18°43'40	18°27	5°44	8°57	26° 8	19°10	21°41	20°22	22°14	12°55	28°11	29♈58	3°53	0°22	S 9
S 10	11 13 37	19°44'09	2♏56	7° 9	10°12	26°55	19°24	21°46	20°24	22°15	12°54	28°D11	29°55	4° 0	0°26	S 10
M11	11 17 34	20°44'37	16°57	8°28	11°27	27°43	19°39	21°50	20°26	22°16	12°53	28°12	29°52	4° 7	0°31	M11
T 12	11 21 31	21°45'04	0♐31	9°41	12°42	28°30	19°53	21°55	20°28	22°17	12°51	28°14	29°49	4°13	0°35	T 12
W13	11 25 27	22°45'30	13°38	10°49	13°57	29°17	20° 7	22° 0	20°31	22°19	12°50	28°15	29°46	4°20	0°39	W13
T 14	11 29 24	23°45'54	26°22	11°48	15°12	0♈ 5	20°22	22° 4	20°33	22°20	12°48	28°R15	29°42	4°27	0°43	T 14
F 15	11 33 20	24°46'17	8♑47	12°41	16°27	0°52	20°36	22° 9	20°35	22°22	12°47	28°14	29°39	4°33	0°48	F 15
S 16	11 37 17	25°46'39	20°58	13°24	17°42	1°40	20°51	22°13	20°37	22°23	12°45	28°12	29°36	4°40	0°52	S 16
S 17	11 41 13	26°46'59	2♒58	13°59	18°57	2°27	21° 5	22°17	20°40	22°24	12°44	28° 8	29°33	4°47	0°56	S 17
M18	11 45 10	27°47'18	14°52	14°25	20°13	3°14	21°20	22°22	20°42	22°26	12°42	28° 3	29°30	4°54	1° 0	M18
T 19	11 49 6	28°47'36	26°42	14°41	21°28	4° 2	21°34	22°26	20°44	22°27	12°41	27°57	29°27	5° 0	1° 4	T 19
W20	11 53 3	29°47'51	8♓32	14°R48	22°43	4°49	21°48	22°30	20°47	22°29	12°39	27°52	29°23	5° 7	1° 8	W20
T 21	11 57 0	0♈48'06	20°24	14°45	23°58	5°36	22° 3	22°34	20°49	22°30	12°38	27°47	29°20	5°14	1°11	T 21
F 22	12 0 56	1°48'18	2♈19	14°33	25°13	6°24	22°17	22°38	20°52	22°32	12°37	27°44	29°17	5°20	1°15	F 22
S 23	12 4 53	2°48'29	14°20	14°12	26°28	7°11	22°31	22°42	20°54	22°34	12°35	27°42	29°14	5°27	1°19	S 23
S 24	12 8 49	3°48'38	26°27	13°43	27°43	7°58	22°46	22°45	20°57	22°35	12°34	27°D41	29°11	5°34	1°23	S 24
M25	12 12 46	4°48'45	8♉44	13° 6	28°58	8°45	23° 0	22°49	20°59	22°37	12°33	27°41	29° 7	5°40	1°26	M25
T 26	12 16 42	5°48'51	21°11	12°22	0♈12	9°33	23°14	22°53	21° 2	22°38	12°31	27°42	29° 4	5°47	1°30	T 26
W27	12 20 39	6°48'54	3♊53	11°32	1°27	10°20	23°29	22°56	21° 5	22°40	12°30	27°44	29° 1	5°54	1°33	W27
T 28	12 24 35	7°48'55	16°50	10°39	2°42	11° 7	23°43	23° 0	21° 7	22°42	12°29	27°45	28°58	6° 0	1°36	T 28
F 29	12 28 32	8°48'55	0♋ 6	9°42	3°57	11°54	23°57	23° 3	21°10	22°44	12°27	27°46	28°55	6° 7	1°40	F 29
S 30	12 32 29	9°48'52	13°44	8°43	5°12	12°41	24°11	23° 6	21°13	22°45	12°26	27°R47	28°52	6°14	1°43	S 30
S 31	12 36 25	10♈48'47	27♋43	7♈44	6♈27	13♈28	24♓25	23♑ 9	21♉16	22♉47	12♍25	27♈46	28♈48	6♓21	1♒46	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	7s32	26n57	4n 2	3s57	1s 5	12s46	1s 4	4s54	0s58	5s48	0s51	20s59	0n41	17n19	0s22	16n35	1s38	16n25	10n40	10n59	11n32	14s23	13s13	7n 1	F 1
S 2	7 9	27 54	4 40	3 7	0 56	12 21	1 5	4 35	0 57	5 42	0 51	20 58	0 41	17 19	0 22	16 35	1 38	16 26	10 40	10 58	11 31	14 20	13 11	7 1	S 2
S 3	6 46	27 4	5 3	2 17	0 46	11 56	1 7	4 16	0 57	5 37	0 51	20 57	0 41	17 20	0 22	16 36	1 38	16 27	10 40	10 57	11 30	14 18	13 10	7 2	S 3
M 4	6 23	24 23	5 8	1 27	0 36	11 31	1 8	3 57	0 57	5 31	0 51	20 56	0 41	17 20	0 22	16 36	1 38	16 27	10 40	10 55	11 29	14 15	13 9	7 2	M 4
T 5	5 59	20 0	4 51	0 36	0 25	11 5	1 10	3 38	0 56	5 26	0 52	20 56	0 41	17 21	0 21	16 36	1 38	16 28	10 40	10 52	11 28	14 12	13 7	7 2	T 5
W 6	5 36	14 15	4 14	0n13	0 14	10 39	1 11	3 19	0 56	5 20	0 52	20 55	0 41	17 21	0 21	16 37	1 38	16 29	10 40	10 50	11 27	14 9	13 6	7 3	W 6
T 7	5 13	7 37	3 19	1 3	0 1	10 13	1 13	3 0	0 55	5 15	0 52	20 54	0 41	17 22	0 21	16 37	1 38	16 29	10 40	10 48	11 26	14 6	13 5	7 3	T 7
F 8	4 49	0 35	2 10	1 51	0n11	9 46	1 14	2 41	0 55	5 9	0 52	20 53	0 41	17 22	0 21	16 37	1 38	16 30	10 40	10 47	11 25	14 3	13 3	7 4	F 8
S 9	4 26	6s22	0 53	2 38	0 25	9 20	1 15	2 22	0 55	5 3	0 52	20 53	0 41	17 23	0 21	16 38	1 38	16 31	10 40	10 46	11 23	14 0	13 2	7 4	S 9
S 10	4 2	12 49	0s26	3 24	0 38	8 52	1 16	2 3	0 54	4 58	0 52	20 52	0 41	17 24	0 21	16 38	1 38	16 31	10 40	10 46	11 22	13 57	13 1	7 5	S 10
M11	3 39	18 24	1 40	4 8	0 53	8 25	1 17	1 44	0 54	4 52	0 52	20 51	0 41	17 24	0 21	16 38	1 38	16 32	10 40	10 46	11 21	13 54	12 59	7 5	M11
T 12	3 15	22 51	2 47	4 51	1 7	7 58	1 18	1 25	0 53	4 47	0 52	20 50	0 41	17 25	0 21	16 39	1 38	16 32	10 40	10 47	11 20	13 51	12 58	7 5	T 12
W13	2 51	25 58	3 42	5 30	1 21	7 30	1 19	1 5	0 53	4 41	0 52	20 50	0 41	17 25	0 21	16 39	1 38	16 33	10 40	10 47	11 19	13 49	12 57	7 6	W13
T 14	2 28	27 39	4 25	6 7	1 36	7 2	1 20	0 46	0 53	4 35	0 52	20 49	0 41	17 26	0 21	16 40	1 38	16 34	10 40	10 47	11 18	13 46	12 55	7 6	T 14
F 15	2 4	27 53	4 54	6 40	1 50	6 34	1 21	0 27	0 52	4 30	0 52	20 48	0 41	17 27	0 21	16 40	1 38	16 34	10 40	10 47	11 17	13 43	12 54	7 7	F 15
S 16	1 40	26 46	5 9	7 11	2 5	6 5	1 22	0 8	0 52	4 24	0 52	20 48	0 41	17 27	0 21	16 40	1 38	16 35	10 40	10 46	11 16	13 40	12 53	7 7	S 16
S 17	1 16	24 25	5 11	7 37	2 19	5 37	1 23	0n11	0 51	4 19	0 52	20 47	0 41	17 28	0 21	16 41	1 38	16 35	10 40	10 44	11 15	13 37	12 51	7 8	S 17
M18	0 52	21 2	4 59	7 59	2 32	5 8	1 24	0 30	0 51	4 13	0 52	20 46	0 41	17 28	0 21	16 41	1 38	16 36	10 40	10 43	11 13	13 34	12 50	7 8	M18
T 19	0 29	16 49	4 34	8 17	2 44	4 39	1 24	0 49	0 50	4 8	0 52	20 46	0 41	17 29	0 21	16 42	1 38	16 36	10 40	10 41	11 12	13 31	12 49	7 9	T 19
W20	0 5	11 59	3 57	8 30	2 56	4 10	1 25	1 8	0 50	4 2	0 52	20 45	0 41	17 30	0 21	16 42	1 37	16 37	10 40	10 39	11 11	13 28	12 47	7 9	W20
T 21	0n19	6 42	3 10	8 38	3 6	3 41	1 25	1 27	0 49	3 56	0 52	20 44	0 41	17 30	0 21	16 43	1 37	16 37	10 40	10 37	11 10	13 25	12 46	7 10	T 21
F 22	0 43	1 9	2 15	8 42	3 15	3 12	1 26	1 47	0 49	3 51	0 52	20 44	0 41	17 31	0 21	16 43	1 37	16 38	10 40	10 36	11 9	13 22	12 45	7 10	F 22
S 23	1 7	4n30	1 13	8 40	3 22	2 43	1 26	2 6	0 48	3 45	0 53	20 43	0 41	17 32	0 21	16 43	1 37	16 38	10 40	10 35	11 8	13 19	12 44	7 11	S 23
S 24	1 30	10 2	0 7	8 34	3 28	2 14	1 26	2 25	0 48	3 40	0 53	20 42	0 41	17 32	0 21	16 44	1 37	16 39	10 40	10 35	11 7	13 16	12 42	7 11	S 24
M25	1 54	15 17	1n 1	8 23	3 32	1 44	1 27	2 43	0 47	3 34	0 53	20 42	0 41	17 33	0 21	16 44	1 37	16 39	10 40	10 35	11 6	13 13	12 41	7 12	M25
T 26	2 18	19 58	2 6	8 8	3 33	1 15	1 27	3 2	0 47	3 29	0 53	20 41	0 41	17 34	0 21	16 45	1 37	16 40	10 40	10 36	11 4	13 10	12 40	7 12	T 26
W27	2 41	23 51	3 7	7 48	3 33	0 45	1 27	3 21	0 46	3 23	0 53	20 41	0 41	17 35	0 21	16 45	1 37	16 40	10 40	10 36	11 3	13 7	12 39	7 13	W27
T 28	3 5	26 36	3 59	7 25	3 31	0 16	1 27	3 40	0 46	3 18	0 53	20 40	0 41	17 35	0 21	16 46	1 37	16 41	10 40	10 37	11 2	13 4	12 37	7 13	T 28
F 29	3 28	27 57	4 40	6 59	3 26	0n14	1 27	3 59	0 45	3 12	0 53	20 40	0 41	17 36	0 21	16 46	1 37	16 41	10 40	10 37	11 1	13 1	12 36	7 14	F 29
S 30	3 52	27 40	5 6	6 30	3 20	0 44	1 27	4 18	0 45	3 6	0 53	20 39	0 41	17 37	0 21	16 47	1 37	16 42	10 40	10 37	11 0	12 58	12 35	7 15	S 30
S 31	4n15	25n39	5n16	6n 0	3n12	1n13	1s27	4n36	0s44	3s 1	0s53	20s39	0n41	17n37	0s21	16n47	1s37	16n42	10n40	10n37	10n59	12s55	12s34	7n15	S 31

Julian Day Number = 2888434.5, Delta T = 01h18m12s
Ecliptic obliquity = 23°17'13, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°29'33, Lahiri = 40°36'34

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ASTRODIENST EPHEMERIS for the year 3196
geocentric

APRIL 3196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 40 22	11♈48'40	12♌ 4	6°R46	7♈42	14♈15	24♓40	23♑12	21♉18	22♉49	12°R23	27°R44	28♈45	6♓27	1♒49	M 1
T 2	12 44 18	12°48'30	26°43	5♈51	8°57	15° 2	24°54	23°15	21°21	22°51	12♍22	27♈43	28°42	6°34	1°52	T 2
W 3	12 48 15	13°48'19	11♍36	4°58	10°12	15°49	25° 8	23°18	21°24	22°53	12°21	27°41	28°39	6°41	1°55	W 3
T 4	12 52 11	14°48'05	26°35	4° 9	11°26	16°36	25°22	23°21	21°27	22°54	12°20	27°39	28°36	6°47	1°58	T 4
F 5	12 56 8	15°47'49	11♎33	3°26	12°41	17°23	25°36	23°24	21°30	22°56	12°18	27°38	28°33	6°54	2° 1	F 5
S 6	13 0 4	16°47'32	26°20	2°47	13°56	18°10	25°50	23°26	21°33	22°58	12°17	27°D38	28°29	7° 1	2° 3	S 6
S 7	13 4 1	17°47'12	10♏49	2°14	15°11	18°57	26° 4	23°29	21°36	23° 0	12°16	27°38	28°26	7° 7	2° 6	S 7
M 8	13 7 58	18°46'51	24°56	1°48	16°25	19°44	26°18	23°31	21°39	23° 2	12°15	27°39	28°23	7°14	2° 8	M 8
T 9	13 11 54	19°46'28	8♐37	1°27	17°40	20°31	26°32	23°34	21°42	23° 4	12°14	27°40	28°20	7°21	2°11	T 9
W10	13 15 51	20°46'03	21°52	1°13	18°55	21°18	26°45	23°36	21°45	23° 6	12°13	27°40	28°17	7°27	2°13	W10
T 11	13 19 47	21°45'37	4♑43	1° 5	20°10	22° 4	26°59	23°38	21°48	23° 8	12°12	27°41	28°13	7°34	2°16	T 11
F 12	13 23 44	22°45'09	17°14	1°D 2	21°24	22°51	27°13	23°40	21°51	23°10	12°11	27°41	28°10	7°41	2°18	F 12
S 13	13 27 40	23°44'39	29°27	1° 6	22°39	23°38	27°27	23°42	21°54	23°12	12° 9	27°R41	28° 7	7°48	2°20	S 13
S 14	13 31 37	24°44'08	11♒28	1°15	23°54	24°25	27°40	23°44	21°57	23°14	12° 8	27°41	28° 4	7°54	2°22	S 14
M15	13 35 33	25°43'35	23°21	1°29	25° 8	25°11	27°54	23°46	22° 1	23°16	12° 7	27°41	28° 1	8° 1	2°24	M15
T 16	13 39 30	26°43'00	5♓11	1°49	26°23	25°58	28° 8	23°47	22° 4	23°18	12° 6	27°41	27°58	8° 8	2°26	T 16
W17	13 43 27	27°42'23	17° 2	2°13	27°38	26°44	28°21	23°49	22° 7	23°20	12° 5	27°D40	27°54	8°14	2°28	W17
T 18	13 47 23	28°41'44	28°56	2°42	28°52	27°31	28°35	23°50	22°10	23°22	12° 5	27°41	27°51	8°21	2°30	T 18
F 19	13 51 20	29°41'04	10♈57	3°16	0♉ 7	28°18	28°48	23°52	22°13	23°24	12° 4	27°41	27°48	8°28	2°31	F 19
S 20	13 55 16	0♉40'21	23° 8	3°53	1°21	29° 4	29° 2	23°53	22°17	23°26	12° 3	27°R41	27°45	8°34	2°33	S 20
S 21	13 59 13	1°39'37	5♉29	4°34	2°36	29°50	29°15	23°54	22°20	23°29	12° 2	27°41	27°42	8°41	2°35	S 21
M22	14 3 9	2°38'51	18° 3	5°19	3°50	0♉37	29°28	23°55	22°23	23°31	12° 1	27°40	27°38	8°48	2°36	M22
T 23	14 7 6	3°38'03	0♊50	6° 8	5° 5	1°23	29°41	23°56	22°27	23°33	12° 0	27°40	27°35	8°54	2°37	T 23
W24	14 11 2	4°37'12	13°50	7° 0	6°19	2°10	29°54	23°57	22°30	23°35	11°59	27°39	27°32	9° 1	2°39	W24
T 25	14 14 59	5°36'20	27° 4	7°54	7°34	2°56	0♈ 8	23°58	22°33	23°37	11°59	27°38	27°29	9° 8	2°40	T 25
F 26	14 18 55	6°35'25	10♋33	8°52	8°48	3°42	0°21	23°59	22°36	23°39	11°58	27°37	27°26	9°15	2°41	F 26
S 27	14 22 52	7°34'29	24°15	9°53	10° 3	4°28	0°34	23°59	22°40	23°42	11°57	27°37	27°23	9°21	2°42	S 27
S 28	14 26 49	8°33'29	8♌12	10°56	11°17	5°14	0°47	24° 0	22°43	23°44	11°56	27°D36	27°19	9°28	2°43	S 28
M29	14 30 45	9°32'28	22°21	12° 2	12°32	6° 1	0°59	24° 0	22°47	23°46	11°56	27°37	27°16	9°35	2°44	M29
T 30	14 34 42	10♉31'24	6♍41	13♈10	13♉46	6♉47	1♈12	24♑ 0	22♉50	23♉48	11♍55	27♈37	27♈13	9♓41	2♒45	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n38	21n58	5n 6	5n28	3n 2	1n43	1s26	4n55	0s44	2s55	0s53	20s38	0n41	17n38	0s21	16n48	1s37	16n43	10n40	10n36	10n58	12s52	12s32	7n16
T 2	5 2	16 52	4 37	4 56	2 51	2 12	1 26	5 13	0 43	2 50	0 53	20 38	0 41	17 39	0 21	16 48	1 37	16 43	10 40	10 36	10 57	12 49	12 31	7 16
W 3	5 25	10 41	3 48	4 23	2 38	2 42	1 26	5 32	0 43	2 45	0 53	20 37	0 41	17 40	0 21	16 49	1 37	16 43	10 40	10 35	10 56	12 46	12 30	7 17
T 4	5 48	3 51	2 44	3 52	2 25	3 11	1 25	5 50	0 42	2 39	0 54	20 37	0 41	17 40	0 21	16 49	1 37	16 44	10 40	10 34	10 54	12 43	12 29	7 17
F 5	6 11	3s11	1 28	3 21	2 11	3 41	1 25	6 9	0 42	2 34	0 54	20 36	0 41	17 41	0 21	16 50	1 37	16 44	10 39	10 34	10 53	12 40	12 28	7 18
S 6	6 33	9 59	0 7	2 52	1 56	4 10	1 24	6 27	0 41	2 28	0 54	20 36	0 41	17 42	0 21	16 50	1 37	16 44	10 39	10 34	10 52	12 37	12 27	7 19
S 7	6 56	16 7	1s12	2 25	1 40	4 39	1 24	6 45	0 41	2 23	0 54	20 35	0 41	17 43	0 21	16 51	1 37	16 45	10 39	10 34	10 51	12 34	12 26	7 19
M 8	7 19	21 14	2 26	2 0	1 25	5 8	1 23	7 3	0 40	2 17	0 54	20 35	0 41	17 44	0 21	16 51	1 37	16 45	10 39	10 34	10 50	12 31	12 24	7 20
T 9	7 41	25 2	3 28	1 38	1 9	5 37	1 22	7 21	0 39	2 12	0 54	20 34	0 41	17 44	0 21	16 52	1 37	16 45	10 39	10 34	10 49	12 28	12 23	7 20
W10	8 3	27 19	4 17	1 18	0 54	6 6	1 22	7 39	0 39	2 7	0 54	20 34	0 41	17 45	0 21	16 52	1 37	16 46	10 39	10 35	10 48	12 25	12 22	7 21
T 11	8 26	28 4	4 52	1 1	0 38	6 35	1 21	7 57	0 38	2 1	0 54	20 34	0 41	17 46	0 21	16 53	1 37	16 46	10 39	10 35	10 47	12 22	12 21	7 21
F 12	8 48	27 20	5 12	0 46	0 23	7 4	1 20	8 15	0 38	1 56	0 54	20 33	0 41	17 47	0 21	16 53	1 37	16 46	10 39	10 35	10 45	12 19	12 20	7 22
S 13	9 10	25 18	5 17	0 34	0 9	7 32	1 19	8 32	0 37	1 51	0 55	20 33	0 41	17 48	0 21	16 54	1 37	16 47	10 39	10 35	10 44	12 16	12 19	7 23
S 14	9 31	22 10	5 8	0 25	0s 5	8 0	1 18	8 50	0 37	1 45	0 55	20 33	0 41	17 48	0 21	16 54	1 37	16 47	10 38	10 35	10 43	12 13	12 18	7 23
M15	9 53	18 9	4 46	0 18	0 19	8 28	1 17	9 8	0 36	1 40	0 55	20 32	0 41	17 49	0 21	16 55	1 37	16 47	10 38	10 35	10 42	12 10	12 17	7 24
T 16	10 14	13 27	4 12	0 14	0 32	8 56	1 16	9 25	0 35	1 35	0 55	20 32	0 41	17 50	0 21	16 55	1 37	16 47	10 38	10 35	10 41	12 7	12 16	7 25
W17	10 35	8 16	3 27	0 12	0 44	9 24	1 15	9 42	0 35	1 30	0 55	20 32	0 41	17 51	0 21	16 56	1 37	16 48	10 38	10 35	10 40	12 4	12 15	7 25
T 18	10 57	2 46	2 33	0 13	0 56	9 52	1 13	9 59	0 34	1 24	0 55	20 32	0 41	17 52	0 21	16 56	1 37	16 48	10 38	10 35	10 39	12 1	12 14	7 26
F 19	11 17	2n54	1 32	0 15	1 7	10 19	1 12	10 16	0 34	1 19	0 55	20 31	0 41	17 53	0 21	16 57	1 36	16 48	10 38	10 35	10 38	11 58	12 13	7 26
S 20	11 38	8 33	0 25	0 20	1 18	10 46	1 11	10 33	0 33	1 14	0 55	20 31	0 41	17 53	0 21	16 57	1 36	16 48	10 37	10 35	10 36	11 55	12 12	7 27
S 21	11 59	13 57	0n43	0 28	1 28	11 13	1 9	10 50	0 33	1 9	0 55	20 31	0 41	17 54	0 21	16 58	1 36	16 49	10 37	10 35	10 35	11 52	12 11	7 28
M22	12 19	18 52	1 51	0 37	1 37	11 39	1 8	11 7	0 32	1 4	0 56	20 31	0 41	17 55	0 21	16 59	1 36	16 49	10 37	10 35	10 34	11 49	12 10	7 28
T 23	12 39	23 1	2 54	0 48	1 46	12 5	1 6	11 24	0 31	0 59	0 56	20 31	0 41	17 56	0 21	16 59	1 36	16 49	10 37	10 35	10 33	11 46	12 9	7 29
W24	12 59	26 6	3 49	1 0	1 54	12 31	1 5	11 40	0 31	0 53	0 56	20 31	0 41	17 57	0 21	17 0	1 36	16 49	10 37	10 34	10 32	11 43	12 8	7 30
T 25	13 18	27 48	4 33	1 15	2 2	12 57	1 3	11 56	0 30	0 48	0 56	20 30	0 41	17 58	0 21	17 0	1 36	16 49	10 37	10 34	10 31	11 40	12 7	7 30
F 26	13 38	27 54	5 3	1 31	2 9	13 22	1 1	12 13	0 29	0 43	0 56	20 30	0 41	17 59	0 20	17 1	1 36	16 49	10 36	10 34	10 30	11 37	12 7	7 31
S 27	13 57	26 19	5 16	1 49	2 15	13 47	1 0	12 29	0 29	0 38	0 56	20 30	0 41	17 59	0 20	17 1	1 36	16 49	10 36	10 33	10 28	11 34	12 6	7 31
S 28	14 16	23 7	5 11	2 8	2 21	14 12	0 58	12 45	0 28	0 33	0 56	20 30	0 41	18 0	0 20	17 2	1 36	16 50	10 36	10 33	10 27	11 31	12 5	7 32
M29	14 35	18 30	4 48	2 29	2 26	14 36	0 56	13 0	0 28	0 28	0 57	20 30	0 41	18 1	0 20	17 2	1 36	16 50	10 36	10 33	10 26	11 28	12 4	7 33
T 30	14n53	12n49	4n 6	2n51	2s31	15n 0	0s54	13n16	0s27	0s24	0s57	20s30	0n41	18n 2	0s20	17n 3	1s36	16n50	10n36	10n34	10n25	11s25	12s 3	7n33

Julian Day Number = 2888465.5, Delta T = 01h18m13s
Ecliptic obliquity = 23°17'13, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°29'37, Lahiri = 40°36'38

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ASTRODIENST EPHEMERIS for the year 3196
geocentric

MAY 3196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 38 38	11♉30'18	21♍ 9	14♈21	15♉ 0	7♉33	1♈25	24♊ 1	22♉53	23♉50	11°R54	27♈38	27♈10	9♓48	2♒46	W 1
T 2	14 42 35	12°29'10	5♎42	15°34	16°15	8°19	1°38	24°R 1	22°57	23°53	11♍54	27°39	27° 7	9°55	2°46	T 2
F 3	14 46 31	13°27'59	20°13	16°49	17°29	9° 5	1°50	24° 1	23° 0	23°55	11°53	27°40	27° 4	10° 1	2°47	F 3
S 4	14 50 28	14°26'47	4♏39	18° 6	18°43	9°50	2° 3	24° 0	23° 4	23°57	11°53	27°R40	27° 0	10° 8	2°47	S 4
S 5	14 54 24	15°25'32	18°53	19°25	19°58	10°36	2°15	24° 0	23° 7	23°59	11°52	27°39	26°57	10°15	2°48	S 5
M 6	14 58 21	16°24'16	2♐51	20°47	21°12	11°22	2°27	24° 0	23°10	24° 2	11°52	27°37	26°54	10°21	2°48	M 6
T 7	15 2 18	17°22'58	16°28	22°10	22°26	12° 8	2°40	24° 0	23°14	24° 4	11°51	27°35	26°51	10°28	2°48	T 7
W 8	15 6 14	18°21'38	29°44	23°35	23°40	12°54	2°52	23°59	23°17	24° 6	11°51	27°32	26°48	10°35	2°48	W 8
T 9	15 10 11	19°20'17	12♑38	25° 2	24°55	13°39	3° 4	23°58	23°21	24° 8	11°50	27°29	26°44	10°41	2°R48	T 9
F 10	15 14 7	20°18'54	25°12	26°31	26° 9	14°25	3°16	23°58	23°24	24°11	11°50	27°26	26°41	10°48	2°48	F 10
S 11	15 18 4	21°17'29	7♒29	28° 1	27°23	15°11	3°28	23°57	23°28	24°13	11°50	27°24	26°38	10°55	2°48	S 11
S 12	15 22 0	22°16'02	19°32	29°34	28°37	15°56	3°40	23°56	23°31	24°15	11°49	27°D23	26°35	11° 2	2°48	S 12
M13	15 25 57	23°14'34	1♓26	1♉ 8	29°51	16°42	3°52	23°55	23°34	24°17	11°49	27°24	26°32	11° 8	2°48	M13
T 14	15 29 54	24°13'05	13°17	2°44	1♊ 5	17°27	4° 4	23°54	23°38	24°20	11°49	27°25	26°29	11°15	2°47	T 14
W15	15 33 50	25°11'33	25° 8	4°22	2°19	18°12	4°15	23°53	23°41	24°22	11°48	27°26	26°25	11°22	2°47	W15
T 16	15 37 47	26°10'01	7♈ 5	6° 1	3°34	18°58	4°27	23°52	23°45	24°24	11°48	27°28	26°22	11°28	2°46	T 16
F 17	15 41 43	27° 8'26	19°12	7°43	4°48	19°43	4°38	23°50	23°48	24°27	11°48	27°29	26°19	11°35	2°46	F 17
S 18	15 45 40	28° 6'50	1♉31	9°26	6° 2	20°28	4°50	23°49	23°52	24°29	11°48	27°R30	26°16	11°42	2°45	S 18
S 19	15 49 36	29° 5'12	14° 7	11°11	7°16	21°14	5° 1	23°47	23°55	24°31	11°48	27°28	26°13	11°48	2°44	S 19
M20	15 53 33	0♊ 3'33	26°59	12°57	8°30	21°59	5°12	23°46	23°59	24°33	11°48	27°26	26°10	11°55	2°44	M20
T 21	15 57 29	1° 1'52	10♊ 8	14°46	9°44	22°44	5°23	23°44	24° 2	24°36	11°48	27°22	26° 6	12° 2	2°43	T 21
W22	16 1 26	2° 0'10	23°33	16°36	10°58	23°29	5°34	23°42	24° 5	24°38	11°48	27°16	26° 3	12° 8	2°42	W22
T 23	16 5 23	2°58'25	7♋12	18°28	12°12	24°14	5°45	23°40	24° 9	24°40	11°D47	27°11	26° 0	12°15	2°41	T 23
F 24	16 9 19	3°56'39	21° 3	20°22	13°26	24°59	5°56	23°38	24°12	24°42	11°48	27° 5	25°57	12°22	2°40	F 24
S 25	16 13 16	4°54'51	5♌ 3	22°18	14°40	25°44	6° 6	23°36	24°16	24°45	11°48	27° 1	25°54	12°28	2°38	S 25
S 26	16 17 12	5°53'01	19° 8	24°15	15°53	26°29	6°17	23°34	24°19	24°47	11°48	26°58	25°50	12°35	2°37	S 26
M27	16 21 9	6°51'08	3♍17	26°14	17° 7	27°13	6°27	23°32	24°22	24°49	11°48	26°D57	25°47	12°42	2°36	M27
T 28	16 25 5	7°49'14	17°28	28°15	18°21	27°58	6°38	23°29	24°26	24°51	11°48	26°57	25°44	12°48	2°34	T 28
W29	16 29 2	8°47'18	1♎39	0♊18	19°35	28°43	6°48	23°27	24°29	24°53	11°48	26°58	25°41	12°55	2°33	W29
T 30	16 32 58	9°45'20	15°47	2°22	20°49	29°28	6°58	23°24	24°33	24°56	11°48	26°59	25°38	13° 2	2°31	T 30
F 31	16 36 55	10♊43'21	29♎52	4♊28	22♊ 3	0♊12	7♈ 8	23♊22	24♉36	24♉58	11♍48	27°R 0	25♈35	13♓ 8	2♒29	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n11	6n23	3n 9	3n15	2s35	15n24	0s53	13n31	0s26	0s19	0s57	20s30	0n41	18n 3	0s20	17n 3	1s36	16n50	10n35	10n34	10n24	11s21	12s 2	7n34
T 2	15 29	0s26	1 59	3 39	2 38	15 47	0 51	13 47	0 26	0 14	0 57	20 30	0 41	18 4	0 20	17 4	1 36	16 50	10 35	10 34	10 23	11 18	12 2	7 35
F 3	15 47	7 13	0 41	4 5	2 41	16 10	0 49	14 2	0 25	0 9	0 57	20 30	0 41	18 5	0 20	17 5	1 36	16 50	10 35	10 35	10 22	11 15	12 1	7 35
S 4	16 4	13 36	0s39	4 32	2 43	16 32	0 47	14 17	0 24	0 4	0 57	20 30	0 41	18 5	0 20	17 5	1 36	16 50	10 35	10 35	10 20	11 12	12 0	7 36
S 5	16 21	19 10	1 55	5 0	2 45	16 54	0 45	14 32	0 24	0n 1	0 57	20 30	0 41	18 6	0 20	17 6	1 36	16 50	10 35	10 34	10 19	11 9	12 0	7 37
M 6	16 38	23 34	3 2	5 30	2 46	17 16	0 43	14 47	0 23	0 5	0 58	20 30	0 41	18 7	0 20	17 6	1 36	16 50	10 34	10 34	10 18	11 6	11 59	7 37
T 7	16 55	26 33	3 58	6 0	2 47	17 37	0 41	15 1	0 23	0 10	0 58	20 30	0 41	18 8	0 20	17 7	1 36	16 50	10 34	10 33	10 17	11 3	11 58	7 38
W 8	17 11	27 56	4 39	6 31	2 47	17 57	0 38	15 16	0 22	0 15	0 58	20 30	0 41	18 9	0 20	17 7	1 36	16 50	10 34	10 32	10 16	11 0	11 58	7 38
T 9	17 27	27 44	5 4	7 3	2 46	18 17	0 36	15 30	0 21	0 19	0 58	20 31	0 41	18 10	0 20	17 8	1 36	16 50	10 34	10 31	10 15	10 57	11 57	7 39
F 10	17 43	26 7	5 14	7 35	2 45	18 37	0 34	15 44	0 21	0 24	0 58	20 31	0 41	18 11	0 20	17 8	1 36	16 50	10 34	10 30	10 14	10 54	11 56	7 40
S 11	17 58	23 16	5 10	8 9	2 44	18 56	0 32	15 58	0 20	0 29	0 58	20 31	0 41	18 11	0 20	17 9	1 36	16 50	10 33	10 29	10 13	10 51	11 56	7 40
S 12	18 13	19 29	4 52	8 43	2 42	19 15	0 30	16 12	0 19	0 33	0 59	20 31	0 41	18 12	0 20	17 10	1 36	16 50	10 33	10 29	10 11	10 47	11 55	7 41
M13	18 28	14 58	4 21	9 18	2 39	19 33	0 27	16 25	0 19	0 38	0 59	20 31	0 41	18 13	0 20	17 10	1 36	16 50	10 33	10 29	10 10	10 44	11 55	7 42
T 14	18 42	9 55	3 39	9 54	2 36	19 50	0 25	16 39	0 18	0 42	0 59	20 31	0 41	18 14	0 20	17 11	1 36	16 49	10 33	10 29	10 9	10 41	11 54	7 42
W15	18 56	4 30	2 48	10 30	2 32	20 7	0 23	16 52	0 17	0 47	0 59	20 32	0 41	18 15	0 20	17 11	1 36	16 49	10 33	10 30	10 8	10 38	11 54	7 43
T 16	19 10	1n 7	1 50	11 7	2 28	20 24	0 20	17 5	0 17	0 51	0 59	20 32	0 41	18 16	0 20	17 12	1 36	16 49	10 32	10 30	10 7	10 35	11 53	7 43
F 17	19 24	6 46	0 45	11 44	2 24	20 40	0 18	17 18	0 16	0 55	0 59	20 32	0 40	18 17	0 20	17 12	1 36	16 49	10 32	10 31	10 6	10 32	11 53	7 44
S 18	19 37	12 16	0n22	12 21	2 18	20 55	0 16	17 30	0 15	1 0	1 0	20 32	0 40	18 17	0 20	17 13	1 36	16 49	10 32	10 31	10 5	10 29	11 52	7 45
S 19	19 50	17 24	1 30	12 59	2 13	21 10	0 13	17 43	0 15	1 4	1 0	20 33	0 40	18 18	0 20	17 13	1 36	16 49	10 32	10 31	10 3	10 26	11 52	7 45
M20	20 2	21 51	2 34	13 37	2 7	21 24	0 11	17 55	0 14	1 8	1 0	20 33	0 40	18 19	0 20	17 14	1 36	16 49	10 31	10 30	10 2	10 22	11 51	7 46
T 21	20 14	25 19	3 32	14 15	2 0	21 38	0 8	18 7	0 13	1 12	1 0	20 33	0 40	18 20	0 20	17 14	1 36	16 48	10 31	10 28	10 1	10 19	11 51	7 46
W22	20 26	27 26	4 19	14 53	1 53	21 51	0 6	18 19	0 13	1 16	1 0	20 34	0 40	18 21	0 20	17 15	1 36	16 48	10 31	10 26	10 0	10 16	11 51	7 47
T 23	20 37	27 57	4 52	15 31	1 46	22 3	0 4	18 31	0 12	1 21	1 1	20 34	0 40	18 22	0 20	17 16	1 36	16 48	10 31	10 24	9 59	10 13	11 50	7 48
F 24	20 48	26 44	5 9	16 9	1 38	22 15	0 1	18 42	0 12	1 25	1 1	20 34	0 40	18 23	0 20	17 16	1 36	16 48	10 30	10 22	9 58	10 10	11 50	7 48
S 25	20 59	23 51	5 8	16 47	1 29	22 26	0n 1	18 54	0 11	1 29	1 1	20 35	0 40	18 23	0 20	17 17	1 36	16 48	10 30	10 21	9 57	10 7	11 50	7 49
S 26	21 9	19 33	4 48	17 25	1 21	22 36	0 4	19 5	0 10	1 33	1 1	20 35	0 40	18 24	0 20	17 17	1 36	16 47	10 30	10 20	9 55	10 4	11 49	7 49
M27	21 19	14 8	4 10	18 2	1 11	22 46	0 6	19 16	0 10	1 37	1 1	20 35	0 40	18 25	0 20	17 18	1 36	16 47	10 30	10 19	9 54	10 0	11 49	7 50
T 28	21 28	7 58	3 18	18 38	1 2	22 55	0 9	19 26	0 9	1 40	1 2	20 36	0 40	18 26	0 20	17 18	1 36	16 47	10 30	10 19	9 53	9 57	11 49	7 50
W29	21 38	1 23	2 13	19 14	0 52	23 4	0 11	19 37	0 8	1 44	1 2	20 36	0 40	18 27	0 20	17 19	1 36	16 46	10 29	10 20	9 52	9 54	11 49	7 51
T 30	21 46	5s15	1 0	19 49	0 42	23 12	0 14	19 47	0 8	1 48	1 2	20 37	0 40	18 27	0 20	17 19	1 36	16 46	10 29	10 20	9 51	9 51	11 48	7 52
F 31	21n55	11s36	0s16	20n22	0s32	23n19	0n16	19n57	0s 7	1n52	1s 2	20s37	0n40	18n28	0s20	17n20	1s36	16n46	10n29	10n20	9n50	9s48	11s48	7n52

Julian Day Number = 2888495.5, Delta T = 01h18m13s
Ecliptic obliquity = 23°17'13, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°29'42, Lahiri = 40°36'42

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ASTRODIENST EPHEMERIS for the year 3196
geocentric

JUNE 3196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 40 52	11♊41'19	13♏51	6♊35	23♊16	0♊57	7♈18	23°R19	24♉39	25♉ 0	11♍49	26°R59	25♈31	13♓15	2°R28	S 1
S 2	16 44 48	12°39'16	27°40	8°43	24°30	1°41	7°28	23♑16	24°43	25° 2	11°49	26♈55	25°28	13°22	2♒26	S 2
M 3	16 48 45	13°37'12	11♐18	10°52	25°44	2°26	7°38	23°13	24°46	25° 4	11°49	26°50	25°25	13°29	2°24	M 3
T 4	16 52 41	14°35'06	24°40	13° 3	26°58	3°10	7°47	23°11	24°49	25° 7	11°50	26°43	25°22	13°35	2°22	T 4
W 5	16 56 38	15°32'58	7♑47	15°14	28°11	3°54	7°57	23° 8	24°52	25° 9	11°50	26°34	25°19	13°42	2°20	W 5
T 6	17 0 34	16°30'50	20°35	17°25	29°25	4°39	8° 6	23° 5	24°56	25°11	11°50	26°26	25°16	13°49	2°18	T 6
F 7	17 4 31	17°28'40	3♒ 6	19°37	0♋39	5°23	8°15	23° 1	24°59	25°13	11°51	26°18	25°12	13°55	2°16	F 7
S 8	17 8 27	18°26'29	15°22	21°48	1°52	6° 7	8°24	22°58	25° 2	25°15	11°51	26°11	25° 9	14° 2	2°14	S 8
S 9	17 12 24	19°24'16	27°25	23°59	3° 6	6°51	8°33	22°55	25° 5	25°17	11°52	26° 7	25° 6	14° 9	2°11	S 9
M10	17 16 21	20°22'03	9♓20	26°10	4°20	7°35	8°42	22°52	25° 9	25°19	11°52	26° 4	25° 3	14°15	2° 9	M10
T 11	17 20 17	21°19'48	21°10	28°19	5°33	8°19	8°51	22°48	25°12	25°21	11°53	26°D 3	25° 0	14°22	2° 7	T 11
W12	17 24 14	22°17'33	3♈ 1	0♋28	6°47	9° 3	8°59	22°45	25°15	25°24	11°53	26° 4	24°56	14°29	2° 4	W12
T 13	17 28 10	23°15'16	14°59	2°35	8° 0	9°47	9° 8	22°41	25°18	25°26	11°54	26° 5	24°53	14°35	2° 2	T 13
F 14	17 32 7	24°12'59	27° 9	4°40	9°14	10°31	9°16	22°38	25°21	25°28	11°54	26°R 5	24°50	14°42	1°59	F 14
S 15	17 36 3	25°10'40	9♉34	6°44	10°28	11°15	9°24	22°34	25°24	25°30	11°55	26° 4	24°47	14°49	1°57	S 15
S 16	17 40 0	26° 8'21	22°19	8°45	11°41	11°59	9°32	22°30	25°27	25°32	11°56	26° 1	24°44	14°55	1°54	S 16
M17	17 43 56	27° 6'00	5♊25	10°44	12°55	12°42	9°40	22°27	25°31	25°34	11°56	25°56	24°41	15° 2	1°51	M17
T 18	17 47 53	28° 3'39	18°54	12°41	14° 8	13°26	9°48	22°23	25°34	25°36	11°57	25°48	24°37	15° 9	1°48	T 18
W19	17 51 50	29° 1'17	2♋43	14°36	15°22	14°10	9°55	22°19	25°37	25°38	11°58	25°39	24°34	15°15	1°45	W19
T 20	17 55 46	29°58'53	16°49	16°28	16°35	14°53	10° 3	22°15	25°40	25°40	11°59	25°29	24°31	15°22	1°43	T 20
F 21	17 59 43	0♋56'28	1♌ 7	18°17	17°49	15°37	10°10	22°11	25°43	25°42	12° 0	25°19	24°28	15°29	1°40	F 21
S 22	18 3 39	1°54'03	15°31	20° 4	19° 2	16°20	10°17	22° 7	25°45	25°44	12° 0	25°11	24°25	15°35	1°37	S 22
S 23	18 7 36	2°51'36	29°55	21°48	20°15	17° 3	10°24	22° 3	25°48	25°45	12° 1	25° 5	24°22	15°42	1°34	S 23
M24	18 11 32	3°49'07	14♍16	23°30	21°29	17°47	10°31	21°59	25°51	25°47	12° 2	25° 1	24°18	15°49	1°31	M24
T 25	18 15 29	4°46'37	28°29	25° 8	22°42	18°30	10°38	21°55	25°54	25°49	12° 3	25° 0	24°15	15°55	1°27	T 25
W26	18 19 26	5°44'06	12♎33	26°44	23°56	19°13	10°44	21°51	25°57	25°51	12° 4	25°D 0	24°12	16° 2	1°24	W26
T 27	18 23 22	6°41'34	26°28	28°17	25° 9	19°56	10°51	21°47	26° 0	25°53	12° 5	25°R 0	24° 9	16° 9	1°21	T 27
F 28	18 27 19	7°39'01	10♏13	29°47	26°22	20°39	10°57	21°43	26° 3	25°55	12° 6	24°59	24° 6	16°15	1°18	F 28
S 29	18 31 15	8°36'27	23°48	1♌15	27°35	21°22	11° 3	21°38	26° 5	25°56	12° 7	24°56	24° 2	16°22	1°14	S 29
S 30	18 35 12	9♋33'52	7♐13	2♌39	28♋49	22♊ 5	11♈ 9	21♑34	26♉ 8	25♉58	12♍ 8	24♈51	23♈59	16♓29	1♒11	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 3	17s19	1s30	20n55	0s22	23n25	0n18	20n 7	0s 6	1n55	1s 2	20s38	0n40	18n29	0s20	17n20	1s36	16n46	10n29	10n20	9n48	9s45	11s48	7n53
S 2	22 10	22 5	2 38	21 26	0 11	23 31	0 21	20 17	0 6	1 59	1 3	20 38	0 40	18 30	0 20	17 21	1 36	16 45	10 28	10 19	9 47	9 41	11 48	7 53
M 3	22 17	25 33	3 36	21 55	0 1	23 36	0 23	20 26	0 5	2 3	1 3	20 39	0 40	18 31	0 20	17 21	1 36	16 45	10 28	10 17	9 46	9 38	11 48	7 54
T 4	22 24	27 31	4 21	22 23	0n10	23 41	0 26	20 35	0 4	2 6	1 3	20 39	0 40	18 31	0 20	17 22	1 36	16 45	10 28	10 14	9 45	9 35	11 48	7 54
W 5	22 31	27 54	4 51	22 48	0 20	23 45	0 28	20 44	0 4	2 10	1 3	20 40	0 40	18 32	0 20	17 22	1 36	16 44	10 28	10 11	9 44	9 32	11 48	7 55
T 6	22 37	26 45	5 5	23 12	0 30	23 48	0 30	20 53	0 3	2 13	1 3	20 40	0 40	18 33	0 20	17 23	1 36	16 44	10 27	10 8	9 43	9 29	11 48	7 55
F 7	22 42	24 17	5 5	23 33	0 40	23 50	0 33	21 2	0 2	2 17	1 4	20 41	0 40	18 34	0 20	17 23	1 36	16 44	10 27	10 5	9 42	9 26	11 48	7 56
S 8	22 47	20 44	4 50	23 52	0 50	23 52	0 35	21 10	0 1	2 20	1 4	20 41	0 40	18 35	0 20	17 24	1 36	16 43	10 27	10 3	9 40	9 22	11 48	7 56
S 9	22 52	16 24	4 23	24 9	1 0	23 53	0 38	21 18	0 1	2 23	1 4	20 42	0 40	18 35	0 20	17 24	1 36	16 43	10 27	10 1	9 39	9 19	11 48	7 57
M10	22 56	11 29	3 44	24 22	1 9	23 53	0 40	21 26	0 0	2 27	1 4	20 43	0 40	18 36	0 20	17 25	1 36	16 42	10 26	10 0	9 38	9 16	11 48	7 57
T 11	23 0	6 11	2 56	24 34	1 17	23 52	0 42	21 34	0n 1	2 30	1 5	20 43	0 40	18 37	0 20	17 25	1 36	16 42	10 26	10 0	9 37	9 13	11 48	7 58
W12	23 4	0 39	2 1	24 42	1 25	23 51	0 44	21 41	0 1	2 33	1 5	20 44	0 40	18 38	0 20	17 26	1 37	16 41	10 26	10 0	9 36	9 10	11 48	7 58
T 13	23 7	4n57	0 59	24 48	1 32	23 49	0 47	21 48	0 2	2 36	1 5	20 44	0 40	18 38	0 20	17 26	1 37	16 41	10 26	10 0	9 35	9 6	11 48	7 58
F 14	23 10	10 29	0n 6	24 51	1 39	23 47	0 49	21 55	0 3	2 39	1 5	20 45	0 40	18 39	0 20	17 26	1 37	16 41	10 26	10 1	9 33	9 3	11 48	7 59
S 15	23 12	15 43	1 12	24 51	1 45	23 43	0 51	22 2	0 3	2 42	1 5	20 46	0 40	18 40	0 20	17 27	1 37	16 40	10 25	10 0	9 32	9 0	11 48	7 59
S 16	23 14	20 25	2 15	24 49	1 50	23 40	0 53	22 9	0 4	2 45	1 6	20 46	0 39	18 41	0 20	17 27	1 37	16 40	10 25	9 59	9 31	8 57	11 48	8 0
M17	23 15	24 15	3 14	24 45	1 54	23 35	0 55	22 15	0 5	2 48	1 6	20 47	0 39	18 41	0 20	17 28	1 37	16 39	10 25	9 57	9 30	8 54	11 49	8 0
T 18	23 16	26 52	4 3	24 38	1 58	23 30	0 57	22 21	0 5	2 51	1 6	20 48	0 39	18 42	0 20	17 28	1 37	16 39	10 25	9 55	9 29	8 50	11 49	8 1
W19	23 17	27 55	4 39	24 29	2 1	23 24	0 59	22 27	0 6	2 53	1 6	20 48	0 39	18 43	0 20	17 29	1 37	16 38	10 24	9 51	9 28	8 47	11 49	8 1
T 20	23 17	27 11	5 0	24 18	2 3	23 17	1 1	22 33	0 7	2 56	1 7	20 49	0 39	18 43	0 20	17 29	1 37	16 38	10 24	9 47	9 27	8 44	11 49	8 1
F 21	23 17	24 41	5 1	24 6	2 4	23 9	1 3	22 38	0 7	2 59	1 7	20 50	0 39	18 44	0 20	17 30	1 37	16 37	10 24	9 44	9 25	8 41	11 49	8 2
S 22	23 16	20 36	4 44	23 51	2 4	23 1	1 5	22 43	0 8	3 1	1 7	20 50	0 39	18 45	0 20	17 30	1 37	16 37	10 24	9 41	9 24	8 38	11 50	8 2
S 23	23 15	15 19	4 9	23 34	2 4	22 53	1 7	22 48	0 9	3 4	1 7	20 51	0 39	18 46	0 20	17 30	1 37	16 36	10 24	9 39	9 23	8 34	11 50	8 2
M24	23 14	9 13	3 19	23 17	2 3	22 43	1 9	22 53	0 9	3 6	1 8	20 52	0 39	18 46	0 20	17 31	1 37	16 36	10 23	9 37	9 22	8 31	11 50	8 3
T 25	23 12	2 41	2 16	22 57	2 1	22 33	1 11	22 57	0 10	3 8	1 8	20 52	0 39	18 47	0 20	17 31	1 37	16 35	10 23	9 37	9 21	8 28	11 51	8 3
W26	23 10	3s55	1 6	22 37	1 58	22 23	1 13	23 2	0 11	3 11	1 8	20 53	0 39	18 48	0 20	17 32	1 37	16 35	10 23	9 37	9 20	8 25	11 51	8 3
T 27	23 7	10 16	0s 8	22 15	1 55	22 11	1 14	23 6	0 11	3 13	1 8	20 54	0 39	18 48	0 20	17 32	1 37	16 34	10 23	9 37	9 18	8 21	11 51	8 4
F 28	23 4	16 3	1 20	21 52	1 51	21 59	1 16	23 9	0 12	3 15	1 9	20 55	0 39	18 49	0 20	17 32	1 37	16 33	10 23	9 37	9 17	8 18	11 52	8 4
S 29	23 1	20 58	2 26	21 28	1 46	21 47	1 18	23 13	0 13	3 17	1 9	20 55	0 39	18 50	0 20	17 33	1 37	16 33	10 22	9 36	9 16	8 15	11 52	8 4
S 30	22n57	24s43	3s24	21n 4	1n40	21n33	1n19	23n16	0n13	3n19	1s 9	20s56	0n39	18n50	0s20	17n33	1s37	16n32	10n22	9n34	9n15	8s12	11s53	8n 5

Julian Day Number = 2888526.5, Delta T = 01h18m14s
Ecliptic obliquity = 23°17'12, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°29'46, Lahiri = 40°36'46

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ASTRODIENST EPHEMERIS for the year 3196
geocentric

JULY 3196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 39 8	10♋31'16	20♐27	4♌ 1	0♌ 2	22♊48	11♈15	21°R30	26♉11	26♉ 0	12♍ 9	24°R42	23♈56	16♓35	1°R 8	M 1
T 2	18 43 5	11°28'39	3♑29	5°20	1°15	23°31	11°20	21♑25	26°13	26° 2	12°10	24♈32	23°53	16°42	1♒ 4	T 2
W 3	18 47 1	12°26'01	16°19	6°36	2°28	24°14	11°26	21°21	26°16	26° 3	12°11	24°20	23°50	16°49	1° 1	W 3
T 4	18 50 58	13°23'23	28°55	7°48	3°41	24°57	11°31	21°17	26°19	26° 5	12°12	24° 7	23°47	16°56	0°57	T 4
F 5	18 54 55	14°20'44	11♒17	8°58	4°55	25°39	11°36	21°12	26°21	26° 7	12°13	23°55	23°43	17° 2	0°54	F 5
S 6	18 58 51	15°18'04	23°28	10° 4	6° 8	26°22	11°41	21° 8	26°24	26° 8	12°15	23°44	23°40	17° 9	0°50	S 6
S 7	19 2 48	16°15'24	5♓27	11° 8	7°21	27° 5	11°46	21° 4	26°26	26°10	12°16	23°36	23°37	17°16	0°47	S 7
M 8	19 6 44	17°12'44	17°20	12° 7	8°34	27°47	11°50	20°59	26°29	26°12	12°17	23°31	23°34	17°22	0°43	M 8
T 9	19 10 41	18°10'03	29° 9	13° 4	9°47	28°30	11°55	20°55	26°31	26°13	12°18	23°28	23°31	17°29	0°40	T 9
W10	19 14 37	19° 7'22	10♈59	13°57	11° 0	29°12	11°59	20°50	26°34	26°15	12°20	23°27	23°28	17°36	0°36	W10
T 11	19 18 34	20° 4'41	22°56	14°47	12°13	29°54	12° 3	20°46	26°36	26°16	12°21	23°27	23°24	17°42	0°32	T 11
F 12	19 22 30	21° 2'00	5♉ 5	15°32	13°26	0♋37	12° 7	20°41	26°38	26°18	12°22	23°27	23°21	17°49	0°29	F 12
S 13	19 26 27	21°59'19	17°31	16°14	14°39	1°19	12°11	20°37	26°41	26°19	12°23	23°25	23°18	17°56	0°25	S 13
S 14	19 30 24	22°56'37	0♊19	16°52	15°52	2° 1	12°14	20°33	26°43	26°21	12°25	23°22	23°15	18° 2	0°22	S 14
M15	19 34 20	23°53'56	13°33	17°27	17° 5	2°43	12°17	20°28	26°45	26°22	12°26	23°16	23°12	18° 9	0°18	M15
T 16	19 38 17	24°51'14	27°12	17°57	18°18	3°25	12°21	20°24	26°47	26°23	12°28	23° 7	23° 8	18°16	0°14	T 16
W17	19 42 13	25°48'32	11♋18	18°22	19°31	4° 8	12°24	20°19	26°49	26°25	12°29	22°57	23° 5	18°22	0°10	W17
T 18	19 46 10	26°45'50	25°44	18°44	20°44	4°50	12°26	20°15	26°52	26°26	12°30	22°45	23° 2	18°29	0° 7	T 18
F 19	19 50 6	27°43'08	10♌26	19° 1	21°57	5°31	12°29	20°11	26°54	26°27	12°32	22°34	22°59	18°36	0° 3	F 19
S 20	19 54 3	28°40'26	25°15	19°13	23° 9	6°13	12°31	20° 6	26°56	26°29	12°33	22°25	22°56	18°42	29♑59	S 20
S 21	19 58 0	29°37'43	10♍ 2	19°21	24°22	6°55	12°34	20° 2	26°58	26°30	12°35	22°18	22°53	18°49	29°56	S 21
M22	20 1 56	0♌35'00	24°41	19°R24	25°35	7°37	12°36	19°57	27° 0	26°31	12°36	22°13	22°49	18°56	29°52	M22
T 23	20 5 53	1°32'16	9♎ 7	19°22	26°48	8°19	12°37	19°53	27° 1	26°32	12°38	22°11	22°46	19° 2	29°48	T 23
W24	20 9 49	2°29'32	23°16	19°16	28° 1	9° 0	12°39	19°49	27° 3	26°34	12°39	22°D11	22°43	19° 9	29°44	W24
T 25	20 13 46	3°26'48	7♏ 8	19° 5	29°13	9°42	12°40	19°45	27° 5	26°35	12°41	22°R11	22°40	19°16	29°41	T 25
F 26	20 17 42	4°24'03	20°44	18°50	0♍26	10°23	12°42	19°40	27° 7	26°36	12°42	22°10	22°37	19°22	29°37	F 26
S 27	20 21 39	5°21'19	4♐ 5	18°31	1°39	11° 5	12°43	19°36	27° 9	26°37	12°44	22° 7	22°34	19°29	29°33	S 27
S 28	20 25 35	6°18'34	17°12	18° 7	2°51	11°46	12°44	19°32	27°10	26°38	12°46	22° 2	22°30	19°36	29°30	S 28
M29	20 29 32	7°15'49	0♑ 6	17°39	4° 4	12°28	12°44	19°28	27°12	26°39	12°47	21°54	22°27	19°42	29°26	M29
T 30	20 33 29	8°13'04	12°49	17° 9	5°16	13° 9	12°45	19°24	27°14	26°40	12°49	21°44	22°24	19°49	29°22	T 30
W31	20 37 25	9♌10'19	25♑21	16♌35	6♍29	13♋50	12♈45	19♑20	27♉15	26♉41	12♍51	21♈32	22♈21	19♓56	29♑19	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n52	27s 5	4s 9	20n39	1n34	21n20	1n21	23n19	0n14	3n21	1s 9	20s57	0n39	18n51	0s20	17n33	1s37	16n32	10n22	9n31	9n14	8s 9	11s53	8n 5
T 2	22 48	27 55	4 41	20 13	1 27	21 5	1 22	23 22	0 15	3 23	1 10	20 58	0 39	18 51	0 20	17 34	1 37	16 31	10 22	9 27	9 13	8 5	11 54	8 5
W 3	22 43	27 13	4 58	19 47	1 19	20 50	1 23	23 25	0 15	3 25	1 10	20 58	0 38	18 52	0 20	17 34	1 37	16 31	10 22	9 22	9 11	8 2	11 54	8 5
T 4	22 37	25 8	4 59	19 20	1 11	20 35	1 25	23 27	0 16	3 27	1 10	20 59	0 38	18 53	0 20	17 35	1 37	16 30	10 21	9 18	9 10	7 59	11 55	8 5
F 5	22 31	21 53	4 47	18 54	1 2	20 19	1 26	23 30	0 17	3 29	1 11	21 0	0 38	18 53	0 20	17 35	1 37	16 29	10 21	9 13	9 9	7 56	11 55	8 6
S 6	22 25	17 44	4 22	18 27	0 52	20 2	1 27	23 31	0 17	3 30	1 11	21 1	0 38	18 54	0 20	17 35	1 37	16 29	10 21	9 10	9 8	7 52	11 56	8 6
S 7	22 18	12 56	3 45	18 0	0 42	19 45	1 28	23 33	0 18	3 32	1 11	21 1	0 38	18 54	0 20	17 36	1 37	16 28	10 21	9 7	9 7	7 49	11 56	8 6
M 8	22 11	7 43	2 59	17 33	0 31	19 27	1 30	23 35	0 19	3 33	1 11	21 2	0 38	18 55	0 20	17 36	1 37	16 27	10 21	9 5	9 6	7 46	11 57	8 6
T 9	22 4	2 15	2 5	17 6	0 19	19 8	1 31	23 36	0 19	3 35	1 12	21 3	0 38	18 55	0 20	17 36	1 37	16 27	10 21	9 3	9 4	7 43	11 57	8 6
W10	21 56	3n19	1 6	16 39	0 7	18 50	1 32	23 37	0 20	3 36	1 12	21 4	0 38	18 56	0 20	17 37	1 37	16 26	10 20	9 3	9 3	7 39	11 58	8 7
T 11	21 48	8 49	0 3	16 13	0s 5	18 30	1 32	23 38	0 21	3 38	1 12	21 4	0 38	18 57	0 20	17 37	1 37	16 25	10 20	9 3	9 2	7 36	11 58	8 7
F 12	21 39	14 6	1n 1	15 47	0 18	18 10	1 33	23 38	0 21	3 39	1 12	21 5	0 38	18 57	0 20	17 37	1 38	16 25	10 20	9 3	9 1	7 33	11 59	8 7
S 13	21 30	18 56	2 4	15 22	0 32	17 50	1 34	23 39	0 22	3 40	1 13	21 6	0 38	18 58	0 20	17 37	1 38	16 24	10 20	9 2	9 0	7 30	12 0	8 7
S 14	21 21	23 3	3 2	14 57	0 45	17 29	1 35	23 39	0 23	3 41	1 13	21 6	0 38	18 58	0 20	17 38	1 38	16 24	10 20	9 1	8 59	7 26	12 0	8 7
M15	21 11	26 7	3 52	14 34	1 0	17 8	1 35	23 39	0 23	3 42	1 13	21 7	0 37	18 59	0 20	17 38	1 38	16 23	10 20	8 59	8 57	7 23	12 1	8 7
T 16	21 1	27 46	4 31	14 11	1 14	16 46	1 36	23 38	0 24	3 43	1 14	21 8	0 37	18 59	0 20	17 38	1 38	16 22	10 19	8 56	8 56	7 20	12 2	8 7
W17	20 51	27 42	4 54	13 49	1 29	16 24	1 36	23 38	0 24	3 44	1 14	21 9	0 37	19 0	0 20	17 39	1 38	16 21	10 19	8 52	8 55	7 16	12 2	8 7
T 18	20 40	25 46	5 0	13 28	1 44	16 1	1 37	23 37	0 25	3 45	1 14	21 9	0 37	19 0	0 20	17 39	1 38	16 21	10 19	8 48	8 54	7 13	12 3	8 7
F 19	20 29	22 6	4 46	13 8	2 0	15 38	1 37	23 36	0 26	3 45	1 14	21 10	0 37	19 1	0 20	17 39	1 38	16 20	10 19	8 44	8 53	7 10	12 4	8 7
S 20	20 18	17 0	4 13	12 49	2 15	15 15	1 38	23 35	0 26	3 46	1 15	21 11	0 37	19 1	0 20	17 39	1 38	16 19	10 19	8 40	8 52	7 7	12 4	8 7
S 21	20 6	10 53	3 23	12 32	2 31	14 51	1 38	23 33	0 27	3 47	1 15	21 12	0 37	19 1	0 20	17 40	1 38	16 19	10 19	8 38	8 50	7 3	12 5	8 7
M22	19 54	4 14	2 20	12 16	2 46	14 27	1 38	23 32	0 28	3 47	1 15	21 12	0 37	19 2	0 20	17 40	1 38	16 18	10 19	8 36	8 49	7 0	12 6	8 7
T 23	19 41	2s32	1 9	12 2	3 1	14 2	1 38	23 30	0 28	3 48	1 16	21 13	0 37	19 2	0 20	17 40	1 38	16 17	10 18	8 35	8 48	6 57	12 7	8 7
W24	19 29	9 4	0s 6	11 50	3 16	13 37	1 38	23 28	0 29	3 48	1 16	21 14	0 37	19 3	0 20	17 40	1 38	16 17	10 18	8 35	8 47	6 54	12 7	8 7
T 25	19 16	15 3	1 18	11 40	3 31	13 12	1 38	23 26	0 30	3 48	1 16	21 15	0 37	19 3	0 20	17 40	1 38	16 16	10 18	8 35	8 46	6 50	12 8	8 7
F 26	19 2	20 9	2 25	11 31	3 45	12 46	1 38	23 23	0 30	3 49	1 16	21 15	0 36	19 4	0 20	17 41	1 38	16 15	10 18	8 35	8 45	6 47	12 9	8 7
S 27	18 49	24 9	3 22	11 24	3 58	12 20	1 37	23 20	0 31	3 49	1 17	21 16	0 36	19 4	0 20	17 41	1 38	16 14	10 18	8 34	8 43	6 44	12 10	8 7
S 28	18 35	26 47	4 8	11 19	4 11	11 54	1 37	23 18	0 32	3 49	1 17	21 17	0 36	19 4	0 20	17 41	1 38	16 14	10 18	8 32	8 42	6 40	12 11	8 7
M29	18 20	27 57	4 40	11 16	4 22	11 28	1 37	23 14	0 32	3 49	1 17	21 17	0 36	19 5	0 20	17 41	1 38	16 13	10 18	8 29	8 41	6 37	12 11	8 7
T 30	18 6	27 37	4 58	11 16	4 33	11 1	1 36	23 11	0 33	3 49	1 18	21 18	0 36	19 5	0 20	17 41	1 38	16 12	10 18	8 25	8 40	6 34	12 12	8 7
W31	17n51	25s51	5s 1	11n17	4s42	10n34	1n36	23n 8	0n33	3n48	1s18	21s19	0n36	19n 5	0s20	17n42	1s38	16n12	10n18	8n21	8n39	6s31	12s13	8n 7

Julian Day Number = 2888556.5, Delta T = 01h18m15s
Ecliptic obliquity = 23°17'12, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°29'50, Lahiri = 40°36'51

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ASTRODIENST EPHEMERIS for the year 3196
geocentric

AUGUST 3196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 41 22	10♌ 7'34	7♒42	15°R59	7♍41	14♋31	12°R45	19°R16	27♉17	26♉42	12♍52	21°R20	22♈18	20♓ 2	29°R15	T 1
F 2	20 45 18	11° 4'49	19°53	15♌20	8°54	15°13	12♈45	19♊12	27°18	26°43	12°54	21♈ 8	22°14	20° 9	29♊12	F 2
S 3	20 49 15	12° 2'05	1♓55	14°41	10° 6	15°54	12°45	19° 8	27°20	26°44	12°56	20°58	22°11	20°16	29° 8	S 3
S 4	20 53 11	12°59'20	13°50	14° 1	11°19	16°35	12°44	19° 4	27°21	26°44	12°57	20°50	22° 8	20°22	29° 4	S 4
M 5	20 57 8	13°56'37	25°39	13°21	12°31	17°16	12°43	19° 0	27°22	26°45	12°59	20°44	22° 5	20°29	29° 1	M 5
T 6	21 1 4	14°53'53	7♈27	12°42	13°43	17°57	12°43	18°57	27°24	26°46	13° 1	20°41	22° 2	20°36	28°57	T 6
W 7	21 5 1	15°51'11	19°16	12° 4	14°55	18°38	12°41	18°53	27°25	26°47	13° 3	20°D40	21°59	20°42	28°54	W 7
T 8	21 8 58	16°48'29	1♉12	11°28	16° 8	19°18	12°40	18°49	27°26	26°48	13° 4	20°41	21°55	20°49	28°50	T 8
F 9	21 12 54	17°45'47	13°20	10°55	17°20	19°59	12°39	18°46	27°27	26°48	13° 6	20°R41	21°52	20°56	28°47	F 9
S 10	21 16 51	18°43'07	25°45	10°26	18°32	20°40	12°37	18°42	27°28	26°49	13° 8	20°41	21°49	21° 2	28°44	S 10
S 11	21 20 47	19°40'27	8♊31	10° 0	19°44	21°20	12°35	18°39	27°30	26°49	13°10	20°39	21°46	21° 9	28°40	S 11
M12	21 24 44	20°37'48	21°44	9°40	20°56	22° 1	12°33	18°35	27°31	26°50	13°11	20°36	21°43	21°16	28°37	M12
T 13	21 28 40	21°35'11	5♋25	9°24	22° 9	22°42	12°31	18°32	27°32	26°51	13°13	20°30	21°40	21°22	28°34	T 13
W14	21 32 37	22°32'33	19°34	9°13	23°21	23°22	12°28	18°28	27°32	26°51	13°15	20°22	21°36	21°29	28°30	W14
T 15	21 36 33	23°29'57	4♌ 9	9°D 8	24°33	24° 3	12°26	18°25	27°33	26°52	13°17	20°14	21°33	21°36	28°27	T 15
F 16	21 40 30	24°27'21	19° 4	9° 9	25°45	24°43	12°23	18°22	27°34	26°52	13°19	20° 5	21°30	21°42	28°24	F 16
S 17	21 44 27	25°24'46	4♍ 9	9°15	26°57	25°23	12°20	18°19	27°35	26°53	13°21	19°58	21°27	21°49	28°21	S 17
S 18	21 48 23	26°22'12	19°16	9°28	28° 9	26° 4	12°17	18°16	27°36	26°53	13°23	19°53	21°24	21°56	28°18	S 18
M19	21 52 20	27°19'38	4♎14	9°48	29°20	26°44	12°13	18°13	27°36	26°53	13°24	19°49	21°20	22° 2	28°15	M19
T 20	21 56 16	28°17'04	18°57	10°13	0♎32	27°24	12°10	18°10	27°37	26°54	13°26	19°D49	21°17	22° 9	28°12	T 20
W21	22 0 13	29°14'32	3♏19	10°45	1°44	28° 4	12° 6	18° 7	27°38	26°54	13°28	19°49	21°14	22°16	28° 9	W21
T 22	22 4 9	0♍12'00	17°18	11°23	2°56	28°44	12° 2	18° 5	27°38	26°54	13°30	19°50	21°11	22°22	28° 6	T 22
F 23	22 8 6	1° 9'28	0♐56	12° 8	4° 7	29°24	11°58	18° 2	27°39	26°54	13°32	19°R51	21° 8	22°29	28° 3	F 23
S 24	22 12 2	2° 6'57	14°12	12°58	5°19	0♌ 4	11°54	17°59	27°39	26°55	13°34	19°50	21° 5	22°36	28° 1	S 24
S 25	22 15 59	3° 4'27	27°10	13°55	6°31	0°44	11°49	17°57	27°39	26°55	13°36	19°47	21° 1	22°42	27°58	S 25
M26	22 19 56	4° 1'57	9♑52	14°58	7°42	1°24	11°44	17°55	27°40	26°55	13°38	19°43	20°58	22°49	27°55	M26
T 27	22 23 52	4°59'28	22°21	16° 7	8°54	2° 4	11°40	17°52	27°40	26°55	13°40	19°36	20°55	22°56	27°53	T 27
W28	22 27 49	5°57'00	4♒38	17°21	10° 5	2°43	11°35	17°50	27°40	26°55	13°42	19°29	20°52	23° 2	27°50	W28
T 29	22 31 45	6°54'33	16°46	18°40	11°17	3°23	11°30	17°48	27°41	26°R55	13°43	19°21	20°49	23° 9	27°48	T 29
F 30	22 35 42	7°52'07	28°47	20° 5	12°28	4° 3	11°24	17°46	27°41	26°55	13°45	19°14	20°46	23°16	27°45	F 30
S 31	22 39 38	8♍49'41	10♓41	21♌35	13♎39	4♌42	11♈19	17♑44	27♉41	26♉55	13♍47	19♈ 7	20♈42	23♓22	27♑43	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17n36	22s53	4s49	11n20	4s50	10n 6	1n35	23n 4	0n34	3n48	1s18	21s19	0n36	19n 6	0s20	17n42	1s39	16n11	10n17	8n16	8n38	6s27	12s14	8n 7	
F 2	17 20	18 57	4 25	11 25	4 56	9 39	1 34	23 0	0 35	3 48	1 18	21 20	0 36	19 6	0 20	17 42	1 39	16 10	10 17	8 12	8 36	6 24	12 15	8 6	
S 3	17 5	14 17	3 49	11 31	5 1	9 11	1 34	22 56	0 35	3 48	1 19	21 21	0 36	19 6	0 20	17 42	1 39	16 9	10 17	8 8	8 35	6 21	12 16	8 6	
S 4	16 49	9 8	3 3	11 39	5 4	8 43	1 33	22 52	0 36	3 47	1 19	21 21	0 36	19 7	0 20	17 42	1 39	16 9	10 17	8 5	8 34	6 17	12 17	8 6	
M 5	16 32	3 42	2 9	11 49	5 6	8 14	1 32	22 47	0 37	3 47	1 19	21 22	0 35	19 7	0 20	17 42	1 39	16 8	10 17	8 3	8 33	6 14	12 17	8 6	
T 6	16 16	1n52	1 10	12 0	5 5	7 46	1 31	22 43	0 37	3 46	1 20	21 23	0 35	19 7	0 20	17 42	1 39	16 7	10 17	8 2	8 32	6 11	12 18	8 6	
W 7	15 59	7 23	0 7	12 12	5 3	7 17	1 30	22 38	0 38	3 45	1 20	21 23	0 35	19 8	0 20	17 43	1 39	16 6	10 17	8 1	8 30	6 7	12 19	8 6	
T 8	15 42	12 42	0n56	12 26	4 59	6 48	1 29	22 33	0 39	3 45	1 20	21 24	0 35	19 8	0 20	17 43	1 39	16 6	10 17	8 2	8 29	6 4	12 20	8 5	
F 9	15 25	17 37	1 58	12 40	4 54	6 19	1 27	22 27	0 39	3 44	1 20	21 24	0 35	19 8	0 20	17 43	1 39	16 5	10 17	8 2	8 28	6 1	12 21	8 5	
S 10	15 7	21 55	2 56	12 54	4 47	5 50	1 26	22 22	0 40	3 43	1 21	21 25	0 35	19 8	0 20	17 43	1 39	16 4	10 17	8 2	8 27	5 57	12 22	8 5	
S 11	14 49	25 19	3 47	13 9	4 39	5 20	1 25	22 16	0 40	3 42	1 21	21 26	0 35	19 9	0 21	17 43	1 39	16 3	10 17	8 1	8 26	5 54	12 23	8 5	
M12	14 31	27 29	4 28	13 24	4 29	4 51	1 23	22 10	0 41	3 41	1 21	21 26	0 35	19 9	0 21	17 43	1 39	16 3	10 17	8 0	8 25	5 51	12 24	8 4	
T 13	14 13	28 5	4 55	13 39	4 18	4 21	1 22	22 5	0 42	3 40	1 22	21 27	0 34	19 9	0 21	17 43	1 39	16 2	10 17	7 57	8 23	5 48	12 24	8 4	
W14	13 55	26 54	5 5	13 53	4 6	3 51	1 20	21 58	0 42	3 38	1 22	21 27	0 34	19 9	0 21	17 43	1 39	16 1	10 17	7 55	8 22	5 44	12 25	8 4	
T 15	13 36	23 54	4 56	14 7	3 52	3 21	1 18	21 52	0 43	3 37	1 22	21 28	0 34	19 9	0 21	17 43	1 39	16 0	10 17	7 51	8 21	5 41	12 26	8 4	
F 16	13 17	19 15	4 28	14 20	3 38	2 51	1 17	21 46	0 43	3 36	1 22	21 28	0 34	19 10	0 21	17 43	1 39	16 0	10 17	7 48	8 20	5 38	12 27	8 3	
S 17	12 58	13 20	3 40	14 33	3 24	2 21	1 15	21 39	0 44	3 34	1 23	21 29	0 34	19 10	0 21	17 43	1 39	15 59	10 17	7 45	8 19	5 34	12 28	8 3	
S 18	12 39	6 37	2 36	14 44	3 8	1 51	1 13	21 32	0 45	3 33	1 23	21 29	0 34	19 10	0 21	17 43	1 39	15 58	10 17	7 43	8 17	5 31	12 29	8 3	
M19	12 19	0s24	1 23	14 55	2 53	1 21	1 11	21 25	0 45	3 31	1 23	21 30	0 34	19 10	0 21	17 43	1 40	15 58	10 17	7 42	8 16	5 28	12 30	8 2	
T 20	12 0	7 18	0 5	15 3	2 37	0 50	1 9	21 18	0 46	3 30	1 23	21 30	0 34	19 10	0 21	17 43	1 40	15 57	10 17	7 42	8 15	5 24	12 31	8 2	
W21	11 40	13 40	1s12	15 11	2 20	0 20	1 7	21 11	0 47	3 28	1 24	21 31	0 34	19 10	0 21	17 43	1 40	15 56	10 17	7 42	8 14	5 21	12 32	8 2	
T 22	11 20	19 10	2 23	15 16	2 4	0s10	1 4	21 3	0 47	3 26	1 24	21 31	0 33	19 10	0 21	17 43	1 40	15 55	10 17	7 43	8 13	5 18	12 33	8 1	
F 23	11 0	23 32	3 23	15 20	1 47	0 41	1 2	20 55	0 48	3 24	1 24	21 32	0 33	19 10	0 21	17 43	1 40	15 55	10 17	7 43	8 12	5 14	12 33	8 1	
S 24	10 39	26 31	4 11	15 21	1 31	1 11	1 0	20 48	0 48	3 23	1 24	21 32	0 33	19 11	0 21	17 43	1 40	15 54	10 17	7 42	8 10	5 11	12 34	8 0	
S 25	10 19	28 0	4 45	15 21	1 15	1 41	0 57	20 40	0 49	3 21	1 25	21 33	0 33	19 11	0 21	17 43	1 40	15 53	10 17	7 41	8 9	5 8	12 35	8 0	
M26	9 58	27 58	5 4	15 18	0 59	2 12	0 55	20 32	0 50	3 19	1 25	21 33	0 33	19 11	0 21	17 43	1 40	15 52	10 17	7 40	8 8	5 4	12 36	8 0	
T 27	9 37	26 31	5 8	15 13	0 44	2 42	0 52	20 23	0 50	3 17	1 25	21 34	0 33	19 11	0 21	17 43	1 40	15 52	10 17	7 37	8 7	5 1	12 37	7 59	
W28	9 16	23 48	4 58	15 5	0 29	3 13	0 50	20 15	0 51	3 14	1 25	21 34	0 33	19 11	0 21	17 43	1 40	15 51	10 17	7 35	8 6	4 58	12 38	7 59	
T 29	8 55	20 4	4 34	14 54	0 14	3 43	0 47	20 7	0 51	3 12	1 26	21 34	0 33	19 11	0 21	17 43	1 40	15 50	10 17	7 32	8 4	4 54	12 39	7 58	
F 30	8 34	15 33	3 59	14 41	0 1	4 13	0 44	19 58	0 52	3 10	1 26	21 35	0 32	19 11	0 21	17 43	1 40	15 50	10 17	7 29	8 3	4 51	12 40	7 58	
S 31	8n13	10s29	3s13	14n25	0n13	4s43	0n41	19n49	0n53	3n 8	1s26	21s35	0n32	19n11	0s21	17n43	1s40	15n49	10n17	7n26	8n 2	4s48	12s41	7n57	

Julian Day Number = 2888587.5, Delta T = 01h18m15s
Ecliptic obliquity = 23°17'13, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°29'54, Lahiri = 40°36'55

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3196
geocentric

SEPTEMBER 3196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 43 35	9♍47'17	22♓31	23♌ 9	14♎51	5♌22	11°R13	17°R42	27°R41	26°R55	13♍49	19°R 2	20♈39	23♓29	27°R40	S 1
M 2	22 47 31	10°44'54	4♈19	24°48	16° 2	6° 1	11♈ 8	17♑40	27♉41	26♉55	13°51	18♈59	20°36	23°36	27♑38	M 2
T 3	22 51 28	11°42'32	16° 8	26°30	17°13	6°40	11° 2	17°38	27°41	26°55	13°53	18°D58	20°33	23°42	27°36	T 3
W 4	22 55 24	12°40'12	27°59	28°16	18°24	7°20	10°56	17°37	27°41	26°55	13°55	18°59	20°30	23°49	27°34	W 4
T 5	22 59 21	13°37'53	9♉57	0♍ 5	19°35	7°59	10°50	17°35	27°40	26°54	13°57	19° 0	20°26	23°55	27°32	T 5
F 6	23 3 18	14°35'35	22° 7	1°57	20°46	8°38	10°43	17°34	27°40	26°54	13°59	19° 2	20°23	24° 2	27°30	F 6
S 7	23 7 14	15°33'19	4♊31	3°51	21°57	9°17	10°37	17°32	27°40	26°54	14° 1	19° 3	20°20	24° 9	27°28	S 7
S 8	23 11 11	16°31'05	17°16	5°47	23° 8	9°57	10°30	17°31	27°40	26°54	14° 3	19°R 3	20°17	24°15	27°26	S 8
M 9	23 15 7	17°28'52	0♋24	7°45	24°19	10°36	10°24	17°30	27°39	26°53	14° 5	19° 3	20°14	24°22	27°24	M 9
T 10	23 19 4	18°26'41	13°59	9°43	25°30	11°15	10°17	17°29	27°39	26°53	14° 7	19° 1	20°11	24°29	27°23	T 10
W11	23 23 0	19°24'31	28° 2	11°42	26°41	11°54	10°10	17°28	27°39	26°53	14° 9	18°58	20° 7	24°35	27°21	W11
T 12	23 26 57	20°22'23	12♌31	13°42	27°51	12°32	10° 3	17°27	27°38	26°52	14°11	18°54	20° 4	24°42	27°19	T 12
F 13	23 30 54	21°20'16	27°24	15°42	29° 2	13°11	9°56	17°26	27°38	26°52	14°12	18°50	20° 1	24°49	27°18	F 13
S 14	23 34 50	22°18'12	12♍31	17°41	0♏13	13°50	9°49	17°26	27°37	26°51	14°14	18°46	19°58	24°55	27°16	S 14
S 15	23 38 47	23°16'08	27°45	19°41	1°23	14°29	9°41	17°25	27°36	26°51	14°16	18°44	19°55	25° 2	27°15	S 15
M16	23 42 43	24°14'06	12♎54	21°40	2°34	15° 7	9°34	17°25	27°36	26°50	14°18	18°D43	19°52	25° 9	27°14	M16
T 17	23 46 40	25°12'05	27°50	23°38	3°44	15°46	9°27	17°24	27°35	26°50	14°20	18°43	19°48	25°15	27°13	T 17
W18	23 50 36	26°10'06	12♏26	25°35	4°54	16°25	9°19	17°24	27°34	26°49	14°22	18°44	19°45	25°22	27°11	W18
T 19	23 54 33	27° 8'08	26°38	27°32	6° 5	17° 3	9°12	17°24	27°33	26°48	14°24	18°45	19°42	25°29	27°10	T 19
F 20	23 58 29	28° 6'11	10♐24	29°27	7°15	17°41	9° 4	17°24	27°32	26°48	14°26	18°47	19°39	25°35	27° 9	F 20
S 21	0 2 26	29° 4'16	23°44	1♎21	8°25	18°20	8°56	17°D24	27°31	26°47	14°28	18°R47	19°36	25°42	27° 9	S 21
S 22	0 6 22	0♎ 2'22	6♑42	3°15	9°35	18°58	8°48	17°24	27°31	26°46	14°30	18°47	19°32	25°49	27° 8	S 22
M23	0 10 19	1° 0'29	19°19	5° 7	10°45	19°36	8°41	17°24	27°30	26°45	14°32	18°47	19°29	25°55	27° 7	M23
T 24	0 14 16	1°58'38	1♒41	6°58	11°55	20°15	8°33	17°24	27°28	26°45	14°33	18°45	19°26	26° 2	27° 6	T 24
W25	0 18 12	2°56'48	13°50	8°48	13° 5	20°53	8°25	17°25	27°27	26°44	14°35	18°43	19°23	26° 9	27° 6	W25
T 26	0 22 9	3°54'59	25°49	10°36	14°15	21°31	8°17	17°25	27°26	26°43	14°37	18°40	19°20	26°15	27° 5	T 26
F 27	0 26 5	4°53'12	7♓42	12°24	15°24	22° 9	8° 9	17°26	27°25	26°42	14°39	18°38	19°17	26°22	27° 5	F 27
S 28	0 30 2	5°51'27	19°32	14°10	16°34	22°47	8° 1	17°26	27°24	26°41	14°41	18°37	19°13	26°29	27° 4	S 28
S 29	0 33 58	6°49'43	1♈21	15°55	17°43	23°25	7°53	17°27	27°23	26°40	14°43	18°35	19°10	26°35	27° 4	S 29
M30	0 37 55	7♎48'01	13♈10	17♎39	18♏53	24♌ 2	7♈45	17♑28	27♉21	26♉39	14♍44	18°D35	19♈ 7	26♓42	27♑ 4	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	7n51	5s 5	2s19	14n 6	0n25	5s13	0n39	19n40	0n53	3n 5	1s26	21s36	0n32	19n11	0s21	17n43	1s40	15n48	10n17	7n25	8n 1	4s44	12s41	7n57	S 1
M 2	7 29	0n30	1 19	13 45	0 37	5 43	0 36	19 31	0 54	3 3	1 26	21 36	0 32	19 11	0 21	17 43	1 40	15 47	10 17	7 24	8 0	4 41	12 42	7 57	M 2
T 3	7 8	6 4	0 16	13 21	0 47	6 13	0 33	19 22	0 54	3 0	1 27	21 36	0 32	19 11	0 21	17 43	1 40	15 47	10 17	7 23	7 59	4 38	12 43	7 56	T 3
W 4	6 46	11 27	0n49	12 54	0 57	6 43	0 30	19 13	0 55	2 58	1 27	21 37	0 32	19 11	0 21	17 43	1 40	15 46	10 17	7 23	7 57	4 34	12 44	7 56	W 4
T 5	6 24	16 29	1 52	12 24	1 6	7 12	0 27	19 3	0 56	2 55	1 27	21 37	0 32	19 11	0 21	17 43	1 40	15 45	10 17	7 24	7 56	4 31	12 45	7 55	T 5
F 6	6 2	20 56	2 51	11 52	1 14	7 42	0 24	18 53	0 56	2 53	1 27	21 37	0 32	19 11	0 21	17 43	1 41	15 45	10 17	7 24	7 55	4 27	12 46	7 55	F 6
S 7	5 40	24 34	3 44	11 18	1 21	8 11	0 20	18 44	0 57	2 50	1 27	21 38	0 31	19 11	0 21	17 42	1 41	15 44	10 17	7 25	7 54	4 24	12 47	7 54	S 7
S 8	5 17	27 6	4 27	10 41	1 28	8 40	0 17	18 34	0 57	2 47	1 28	21 38	0 31	19 11	0 21	17 42	1 41	15 43	10 17	7 25	7 53	4 21	12 48	7 54	S 8
M 9	4 55	28 14	4 57	10 3	1 33	9 9	0 14	18 24	0 58	2 45	1 28	21 38	0 31	19 10	0 21	17 42	1 41	15 43	10 17	7 25	7 51	4 17	12 48	7 53	M 9
T 10	4 33	27 44	5 12	9 23	1 37	9 38	0 10	18 14	0 58	2 42	1 28	21 38	0 31	19 10	0 21	17 42	1 41	15 42	10 17	7 24	7 50	4 14	12 49	7 53	T 10
W11	4 10	25 29	5 9	8 41	1 40	10 7	0 7	18 4	0 59	2 39	1 28	21 39	0 31	19 10	0 21	17 42	1 41	15 41	10 18	7 23	7 49	4 11	12 50	7 52	W11
T 12	3 47	21 32	4 47	7 57	1 43	10 35	0 4	17 53	1 0	2 36	1 28	21 39	0 31	19 10	0 21	17 42	1 41	15 41	10 18	7 21	7 48	4 7	12 51	7 51	T 12
F 13	3 25	16 9	4 5	7 13	1 45	11 4	0 0	17 43	1 0	2 33	1 28	21 39	0 31	19 10	0 21	17 42	1 41	15 40	10 18	7 20	7 47	4 4	12 52	7 51	F 13
S 14	3 2	9 41	3 6	6 27	1 46	11 32	0s 3	17 32	1 1	2 30	1 28	21 39	0 31	19 10	0 21	17 42	1 41	15 39	10 18	7 19	7 45	4 1	12 52	7 50	S 14
S 15	2 39	2 37	1 53	5 41	1 46	11 59	0 7	17 22	1 1	2 27	1 29	21 40	0 30	19 10	0 21	17 41	1 41	15 39	10 18	7 18	7 44	3 57	12 53	7 50	S 15
M16	2 17	4s34	0 32	4 54	1 45	12 27	0 10	17 11	1 2	2 24	1 29	21 40	0 30	19 10	0 21	17 41	1 41	15 38	10 18	7 17	7 43	3 54	12 54	7 49	M16
T 17	1 54	11 25	0s50	4 6	1 44	12 54	0 14	17 0	1 3	2 21	1 29	21 40	0 30	19 9	0 21	17 41	1 41	15 37	10 18	7 17	7 42	3 51	12 55	7 49	T 17
W18	1 31	17 29	2 7	3 18	1 42	13 21	0 18	16 49	1 3	2 18	1 29	21 40	0 30	19 9	0 21	17 41	1 41	15 37	10 18	7 18	7 41	3 47	12 56	7 48	W18
T 19	1 8	22 26	3 14	2 30	1 40	13 48	0 21	16 38	1 4	2 15	1 29	21 40	0 30	19 9	0 21	17 41	1 41	15 36	10 18	7 18	7 39	3 44	12 56	7 48	T 19
F 20	0 45	25 57	4 8	1 42	1 37	14 14	0 25	16 27	1 4	2 12	1 29	21 40	0 30	19 9	0 21	17 40	1 41	15 35	10 19	7 19	7 38	3 40	12 57	7 47	F 20
S 21	0 22	27 54	4 46	0 54	1 33	14 41	0 29	16 16	1 5	2 9	1 29	21 40	0 30	19 9	0 21	17 40	1 41	15 35	10 19	7 19	7 37	3 37	12 58	7 46	S 21
S 22	0s 1	28 16	5 9	0 5	1 29	15 6	0 33	16 5	1 5	2 6	1 29	21 41	0 30	19 8	0 21	17 40	1 41	15 34	10 19	7 19	7 36	3 34	12 58	7 46	S 22
M23	0 24	27 7	5 16	0s43	1 25	15 32	0 36	15 53	1 6	2 3	1 30	21 41	0 29	19 8	0 21	17 40	1 41	15 34	10 19	7 19	7 35	3 30	12 59	7 45	M23
T 24	0 47	24 40	5 8	1 31	1 20	15 57	0 40	15 42	1 7	2 0	1 30	21 41	0 29	19 8	0 21	17 40	1 41	15 33	10 19	7 18	7 34	3 27	13 0	7 45	T 24
W25	1 10	21 8	4 46	2 19	1 15	16 22	0 44	15 30	1 7	1 56	1 30	21 41	0 29	19 8	0 21	17 39	1 41	15 33	10 19	7 17	7 32	3 24	13 1	7 44	W25
T 26	1 33	16 47	4 12	3 6	1 10	16 47	0 48	15 19	1 8	1 53	1 30	21 41	0 29	19 7	0 21	17 39	1 42	15 32	10 19	7 16	7 31	3 20	13 1	7 44	T 26
F 27	1 56	11 50	3 27	3 53	1 4	17 11	0 52	15 7	1 8	1 50	1 30	21 41	0 29	19 7	0 21	17 39	1 42	15 31	10 20	7 15	7 30	3 17	13 2	7 43	F 27
S 28	2 19	6 29	2 34	4 39	0 58	17 34	0 56	14 55	1 9	1 47	1 30	21 41	0 29	19 7	0 21	17 39	1 42	15 31	10 20	7 15	7 29	3 13	13 3	7 42	S 28
S 29	2 42	0 55	1 34	5 25	0 52	17 58	1 0	14 43	1 9	1 44	1 30	21 41	0 29	19 7	0 21	17 38	1 42	15 30	10 20	7 14	7 28	3 10	13 3	7 42	S 29
M30	3s 5	4n43	0s30	6s11	0n46	18s21	1s 3	14n32	1n10	1n41	1s30	21s41	0n29	19n 6	0s21	17n38	1s42	15n30	10n20	7n14	7n26	3s 7	13s 4	7n41	M30

Julian Day Number = 2888618.5, Delta T = 01h18m16s
Ecliptic obliquity = 23°17'13, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°29'59, Lahiri = 40°36'59

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ASTRODIENST EPHEMERIS for the year 3196
geocentric

OCTOBER 3196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 41 51	8♎46'20	25♈ 3	19♎22	20♏ 2	24♌40	7°R37	17♑29	27°R20	26°R38	14♍46	18♈35	19♈ 4	26♓49	27°R 4	T 1
W 2	0 45 48	9°44'42	7♉ 1	21° 4	21°11	25°18	7♈29	17°30	27♉18	26♉37	14°48	18°35	19° 1	26°55	27°D 4	W 2
T 3	0 49 45	10°43'05	19° 8	22°45	22°21	25°56	7°21	17°31	27°17	26°36	14°50	18°36	18°57	27° 2	27♑ 4	T 3
F 4	0 53 41	11°41'30	1♊24	24°24	23°30	26°33	7°13	17°32	27°16	26°35	14°52	18°37	18°54	27° 9	27° 4	F 4
S 5	0 57 38	12°39'58	13°55	26° 3	24°39	27°11	7° 5	17°34	27°14	26°34	14°53	18°37	18°51	27°15	27° 4	S 5
S 6	1 1 34	13°38'27	26°42	27°40	25°48	27°48	6°58	17°35	27°12	26°33	14°55	18°38	18°48	27°22	27° 4	S 6
M 7	1 5 31	14°36'59	9♋48	29°17	26°56	28°26	6°50	17°37	27°11	26°32	14°57	18°R38	18°45	27°29	27° 5	M 7
T 8	1 9 27	15°35'32	23°17	0♏52	28° 5	29° 3	6°42	17°38	27° 9	26°31	14°59	18°38	18°42	27°35	27° 5	T 8
W 9	1 13 24	16°34'08	7♌ 9	2°27	29°14	29°40	6°34	17°40	27° 8	26°30	15° 0	18°38	18°38	27°42	27° 6	W 9
T 10	1 17 20	17°32'46	21°25	4° 0	0♐22	0♏18	6°26	17°42	27° 6	26°28	15° 2	18°38	18°35	27°48	27° 6	T 10
F 11	1 21 17	18°31'26	6♍ 2	5°33	1°31	0°55	6°19	17°44	27° 4	26°27	15° 4	18°D38	18°32	27°55	27° 7	F 11
S 12	1 25 14	19°30'08	20°56	7° 4	2°39	1°32	6°11	17°46	27° 2	26°26	15° 5	18°38	18°29	28° 2	27° 8	S 12
S 13	1 29 10	20°28'53	6♎ 0	8°35	3°47	2° 9	6° 4	17°48	27° 1	26°25	15° 7	18°38	18°26	28° 8	27° 9	S 13
M14	1 33 7	21°27'39	21° 6	10° 4	4°56	2°46	5°56	17°50	26°59	26°23	15° 9	18°R38	18°23	28°15	27° 9	M14
T 15	1 37 3	22°26'27	6♏ 4	11°33	6° 4	3°23	5°49	17°53	26°57	26°22	15°10	18°38	18°19	28°22	27°10	T 15
W16	1 41 0	23°25'17	20°46	13° 0	7°12	4° 0	5°42	17°55	26°55	26°21	15°12	18°37	18°16	28°28	27°12	W16
T 17	1 44 56	24°24'09	5♐ 7	14°27	8°19	4°36	5°34	17°57	26°53	26°19	15°14	18°37	18°13	28°35	27°13	T 17
F 18	1 48 53	25°23'02	19° 1	15°53	9°27	5°13	5°27	18° 0	26°51	26°18	15°15	18°36	18°10	28°42	27°14	F 18
S 19	1 52 49	26°21'58	2♑30	17°17	10°35	5°50	5°20	18° 3	26°49	26°17	15°17	18°35	18° 7	28°48	27°15	S 19
S 20	1 56 46	27°20'55	15°32	18°41	11°42	6°26	5°14	18° 5	26°47	26°15	15°18	18°35	18° 3	28°55	27°17	S 20
M21	2 0 43	28°19'53	28°12	20° 4	12°49	7° 3	5° 7	18° 8	26°45	26°14	15°20	18°D34	18° 0	29° 2	27°18	M21
T 22	2 4 39	29°18'54	10♒32	21°25	13°56	7°39	5° 0	18°11	26°43	26°12	15°21	18°35	17°57	29° 8	27°20	T 22
W23	2 8 36	0♏17'56	22°38	22°45	15° 3	8°15	4°54	18°14	26°41	26°11	15°23	18°35	17°54	29°15	27°21	W23
T 24	2 12 32	1°16'59	4♓33	24° 4	16°10	8°52	4°47	18°17	26°39	26° 9	15°24	18°37	17°51	29°22	27°23	T 24
F 25	2 16 29	2°16'04	16°23	25°22	17°17	9°28	4°41	18°21	26°36	26° 8	15°26	18°38	17°48	29°28	27°25	F 25
S 26	2 20 25	3°15'12	28°11	26°38	18°23	10° 4	4°35	18°24	26°34	26° 6	15°27	18°39	17°44	29°35	27°27	S 26
S 27	2 24 22	4°14'20	10♈ 1	27°54	19°30	10°40	4°29	18°27	26°32	26° 5	15°28	18°40	17°41	29°42	27°28	S 27
M28	2 28 18	5°13'31	21°55	29° 7	20°36	11°16	4°23	18°31	26°30	26° 3	15°30	18°R40	17°38	29°48	27°30	M28
T 29	2 32 15	6°12'44	3♉56	0♐19	21°42	11°52	4°18	18°34	26°28	26° 2	15°31	18°39	17°35	29°55	27°33	T 29
W30	2 36 11	7°11'59	16° 6	1°29	22°48	12°28	4°12	18°38	26°25	26° 0	15°32	18°38	17°32	0♈ 2	27°35	W30
T 31	2 40 8	8♏11'15	28♉26	2♐38	23♐54	13♍ 4	4♈ 7	18♑42	26♉23	25♉59	15♍34	18♈35	17♈29	0♈ 8	27♑37	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s27	10n12	0n36	6s56	0n39	18s43	1s 7	14n20	1n11	1n38	1s30	21s41	0n28	19n 6	0s21	17n38	1s42	15n29	10n20	7n14	7n25	3s 3	13s 4	7n41
W 2	3 50	15 21	1 41	7 40	0 32	19 5	1 11	14 7	1 11	1 34	1 30	21 41	0 28	19 6	0 21	17 38	1 42	15 29	10 21	7 14	7 24	3 0	13 5	7 40
T 3	4 13	19 59	2 42	8 24	0 26	19 27	1 15	13 55	1 12	1 31	1 30	21 41	0 28	19 5	0 21	17 37	1 42	15 28	10 21	7 15	7 23	2 57	13 6	7 39
F 4	4 36	23 50	3 36	9 7	0 19	19 48	1 19	13 43	1 12	1 28	1 30	21 41	0 28	19 5	0 21	17 37	1 42	15 28	10 21	7 15	7 22	2 53	13 6	7 39
S 5	4 58	26 39	4 21	9 49	0 11	20 9	1 23	13 31	1 13	1 25	1 30	21 41	0 28	19 5	0 21	17 37	1 42	15 27	10 21	7 15	7 20	2 50	13 7	7 38
S 6	5 21	28 9	4 55	10 31	0 4	20 29	1 27	13 19	1 13	1 22	1 30	21 41	0 28	19 4	0 21	17 36	1 42	15 27	10 21	7 15	7 19	2 46	13 7	7 37
M 7	5 44	28 9	5 14	11 12	0s 3	20 49	1 31	13 6	1 14	1 19	1 30	21 41	0 28	19 4	0 21	17 36	1 42	15 26	10 22	7 15	7 18	2 43	13 8	7 37
T 8	6 6	26 30	5 17	11 52	0 10	21 9	1 35	12 54	1 15	1 16	1 30	21 41	0 28	19 4	0 21	17 36	1 42	15 26	10 22	7 15	7 17	2 40	13 8	7 36
W 9	6 28	23 13	5 1	12 31	0 18	21 28	1 38	12 41	1 15	1 13	1 30	21 41	0 27	19 3	0 21	17 35	1 42	15 25	10 22	7 15	7 16	2 36	13 9	7 36
T 10	6 51	18 30	4 27	13 10	0 25	21 46	1 42	12 29	1 16	1 10	1 30	21 40	0 27	19 3	0 21	17 35	1 42	15 25	10 22	7 15	7 14	2 33	13 9	7 35
F 11	7 13	12 35	3 35	13 48	0 33	22 4	1 46	12 16	1 16	1 7	1 30	21 40	0 27	19 2	0 21	17 35	1 42	15 24	10 22	7 15	7 13	2 29	13 10	7 34
S 12	7 35	5 50	2 28	14 25	0 40	22 21	1 50	12 4	1 17	1 4	1 30	21 40	0 27	19 2	0 21	17 35	1 42	15 24	10 23	7 15	7 12	2 26	13 10	7 34
S 13	7 57	1s18	1 10	15 2	0 48	22 38	1 54	11 51	1 17	1 1	1 30	21 40	0 27	19 2	0 21	17 34	1 42	15 23	10 23	7 15	7 11	2 23	13 11	7 33
M14	8 19	8 23	0s14	15 37	0 55	22 54	1 57	11 38	1 18	0 58	1 30	21 40	0 27	19 1	0 21	17 34	1 42	15 23	10 23	7 15	7 10	2 19	13 11	7 33
T 15	8 41	14 57	1 35	16 12	1 3	23 10	2 1	11 25	1 18	0 55	1 30	21 40	0 27	19 1	0 21	17 34	1 42	15 23	10 23	7 15	7 8	2 16	13 12	7 32
W16	9 2	20 33	2 49	16 45	1 10	23 25	2 5	11 13	1 19	0 53	1 30	21 39	0 27	19 0	0 21	17 33	1 42	15 22	10 24	7 15	7 7	2 12	13 12	7 31
T 17	9 24	24 48	3 51	17 18	1 17	23 40	2 8	11 0	1 20	0 50	1 29	21 39	0 26	19 0	0 21	17 33	1 42	15 22	10 24	7 15	7 6	2 9	13 12	7 31
F 18	9 45	27 25	4 36	17 50	1 24	23 54	2 12	10 47	1 20	0 47	1 29	21 39	0 26	18 59	0 21	17 32	1 42	15 22	10 24	7 15	7 5	2 6	13 13	7 30
S 19	10 7	28 21	5 5	18 21	1 32	24 8	2 16	10 34	1 21	0 44	1 29	21 39	0 26	18 59	0 21	17 32	1 42	15 21	10 24	7 14	7 4	2 2	13 13	7 30
S 20	10 28	27 38	5 17	18 51	1 39	24 21	2 19	10 21	1 21	0 42	1 29	21 39	0 26	18 58	0 21	17 32	1 42	15 21	10 25	7 14	7 2	1 59	13 13	7 29
M21	10 49	25 30	5 13	19 20	1 46	24 33	2 23	10 8	1 22	0 39	1 29	21 38	0 26	18 58	0 21	17 31	1 42	15 20	10 25	7 14	7 1	1 56	13 14	7 28
T 22	11 10	22 12	4 54	19 48	1 52	24 45	2 26	9 55	1 22	0 37	1 29	21 38	0 26	18 57	0 21	17 31	1 43	15 20	10 25	7 14	7 0	1 52	13 14	7 28
W23	11 30	18 2	4 23	20 16	1 59	24 56	2 29	9 42	1 23	0 34	1 29	21 38	0 26	18 57	0 21	17 31	1 43	15 20	10 26	7 14	6 59	1 49	13 14	7 27
T 24	11 51	13 12	3 41	20 42	2 5	25 6	2 33	9 29	1 24	0 32	1 29	21 37	0 26	18 56	0 21	17 30	1 43	15 19	10 26	7 15	6 58	1 45	13 15	7 27
F 25	12 11	7 57	2 49	21 7	2 12	25 16	2 36	9 16	1 24	0 30	1 29	21 37	0 25	18 56	0 21	17 30	1 43	15 19	10 26	7 15	6 56	1 42	13 15	7 26
S 26	12 31	2 25	1 51	21 31	2 18	25 26	2 39	9 3	1 25	0 27	1 28	21 37	0 25	18 55	0 21	17 30	1 43	15 19	10 26	7 16	6 55	1 39	13 15	7 25
S 27	12 51	3n13	0 48	21 54	2 23	25 34	2 42	8 50	1 25	0 25	1 28	21 36	0 25	18 55	0 21	17 29	1 43	15 19	10 27	7 16	6 54	1 35	13 15	7 25
M28	13 11	8 46	0n18	22 15	2 29	25 42	2 45	8 37	1 26	0 23	1 28	21 36	0 25	18 54	0 21	17 29	1 43	15 18	10 27	7 16	6 53	1 32	13 16	7 24
T 29	13 30	14 4	1 23	22 36	2 34	25 50	2 48	8 24	1 26	0 21	1 28	21 36	0 25	18 54	0 21	17 28	1 43	15 18	10 27	7 16	6 51	1 28	13 16	7 24
W30	13 50	18 53	2 26	22 56	2 39	25 57	2 51	8 11	1 27	0 19	1 28	21 35	0 25	18 53	0 21	17 28	1 43	15 18	10 28	7 15	6 50	1 25	13 16	7 23
T 31	14s 9	22n58	3n22	23s14	2s44	26s 3	2s54	7n58	1n27	0n17	1s28	21s35	0n25	18n53	0s21	17n28	1s43	15n18	10n28	7n14	6n49	1s21	13s16	7n22

Julian Day Number = 2888648.5, Delta T = 01h18m16s
Ecliptic obliquity = 23°17'14, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°30'03, Lahiri = 40°37'03

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ASTRODIENST EPHEMERIS for the year 3196
geocentric

NOVEMBER 3196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 44 5	9♏10'34	10♊58	3♐44	24♐59	13♍39	4°R 2	18♑45	26°R21	25°R57	15♍35	18°R32	17♈25	0♈15	27♑39	F 1
S 2	2 48 1	10° 9'56	23°43	4°48	26° 4	14°15	3♈57	18°49	26♉18	25♉55	15°36	18♈29	17°22	0°21	27°42	S 2
S 3	2 51 58	11° 9'19	6♋42	5°50	27° 9	14°50	3°52	18°53	26°16	25°54	15°38	18°26	17°19	0°28	27°44	S 3
M 4	2 55 54	12° 8'44	19°55	6°49	28°14	15°26	3°47	18°57	26°14	25°52	15°39	18°23	17°16	0°35	27°47	M 4
T 5	2 59 51	13° 8'12	3♌24	7°45	29°19	16° 1	3°43	19° 1	26°11	25°50	15°40	18°22	17°13	0°41	27°49	T 5
W 6	3 3 47	14° 7'42	17°10	8°39	0♑23	16°37	3°38	19° 6	26° 9	25°49	15°41	18°D21	17° 9	0°48	27°52	W 6
T 7	3 7 44	15° 7'14	1♍12	9°28	1°28	17°12	3°34	19°10	26° 7	25°47	15°42	18°22	17° 6	0°55	27°54	T 7
F 8	3 11 41	16° 6'48	15°30	10°14	2°32	17°47	3°30	19°14	26° 4	25°46	15°44	18°24	17° 3	1° 1	27°57	F 8
S 9	3 15 37	17° 6'25	0♎ 2	10°56	3°35	18°22	3°26	19°19	26° 2	25°44	15°45	18°25	17° 0	1° 8	28° 0	S 9
S 10	3 19 34	18° 6'03	14°44	11°33	4°39	18°57	3°23	19°23	25°59	25°42	15°46	18°R26	16°57	1°15	28° 3	S 10
M11	3 23 30	19° 5'44	29°30	12° 4	5°42	19°32	3°19	19°28	25°57	25°41	15°47	18°25	16°54	1°21	28° 6	M11
T 12	3 27 27	20° 5'27	14♏14	12°30	6°45	20° 7	3°16	19°32	25°54	25°39	15°48	18°24	16°50	1°28	28° 9	T 12
W13	3 31 23	21° 5'12	28°49	12°50	7°48	20°41	3°13	19°37	25°52	25°37	15°49	18°20	16°47	1°35	28°12	W13
T 14	3 35 20	22° 4'59	13♐ 7	13° 3	8°51	21°16	3°10	19°42	25°50	25°36	15°50	18°15	16°44	1°41	28°15	T 14
F 15	3 39 16	23° 4'48	27° 4	13°R 9	9°53	21°51	3° 8	19°47	25°47	25°34	15°51	18° 9	16°41	1°48	28°19	F 15
S 16	3 43 13	24° 4'38	10♑36	13° 6	10°55	22°25	3° 5	19°52	25°45	25°32	15°52	18° 4	16°38	1°55	28°22	S 16
S 17	3 47 10	25° 4'30	23°43	12°55	11°56	22°59	3° 3	19°57	25°42	25°30	15°53	17°59	16°35	2° 1	28°25	S 17
M18	3 51 6	26° 4'24	6♒26	12°35	12°58	23°34	3° 1	20° 2	25°40	25°29	15°53	17°55	16°31	2° 8	28°29	M18
T 19	3 55 3	27° 4'19	18°48	12° 6	13°58	24° 8	2°59	20° 7	25°37	25°27	15°54	17°53	16°28	2°15	28°32	T 19
W20	3 58 59	28° 4'16	0♓55	11°27	14°59	24°42	2°58	20°12	25°35	25°25	15°55	17°D53	16°25	2°21	28°36	W20
T 21	4 2 56	29° 4'14	12°50	10°39	15°59	25°16	2°56	20°17	25°32	25°24	15°56	17°54	16°22	2°28	28°40	T 21
F 22	4 6 52	0♐ 4'14	24°39	9°42	16°59	25°50	2°55	20°22	25°30	25°22	15°57	17°56	16°19	2°34	28°43	F 22
S 23	4 10 49	1° 4'15	6♈27	8°37	17°58	26°23	2°54	20°28	25°27	25°20	15°57	17°57	16°15	2°41	28°47	S 23
S 24	4 14 45	2° 4'18	18°18	7°25	18°57	26°57	2°53	20°33	25°25	25°19	15°58	17°R58	16°12	2°48	28°51	S 24
M25	4 18 42	3° 4'23	0♉18	6° 9	19°56	27°31	2°52	20°39	25°23	25°17	15°59	17°57	16° 9	2°54	28°55	M25
T 26	4 22 39	4° 4'29	12°28	4°50	20°54	28° 4	2°52	20°44	25°20	25°15	15°59	17°54	16° 6	3° 1	28°59	T 26
W27	4 26 35	5° 4'37	24°52	3°31	21°52	28°37	2°D52	20°50	25°18	25°14	16° 0	17°49	16° 3	3° 8	29° 2	W27
T 28	4 30 32	6° 4'46	7♊30	2°14	22°49	29°11	2°52	20°56	25°15	25°12	16° 1	17°42	16° 0	3°14	29° 7	T 28
F 29	4 34 28	7° 4'57	20°23	1° 2	23°45	29°44	2°52	21° 1	25°13	25°10	16° 1	17°33	15°56	3°21	29°11	F 29
S 30	4 38 25	8♐ 5'11	3♋29	29♏57	24♑41	0♎17	2♈52	21♑ 7	25♉11	25♉ 9	16♍ 2	17♈24	15♈53	3♈28	29♑15	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s28	26n 4	4n10	23s31	2s48	26s 8	2s57	7n45	1n28	0n15	1s28	21s35	0n25	18n52	0s21	17n27	1s43	15n17	10n28	7n13	6n48	1s18	13s16	7n22
S 2	14 46	27 54	4 46	23 47	2 52	26 13	2 59	7 31	1 29	0 13	1 27	21 34	0 25	18 52	0 21	17 27	1 43	15 17	10 29	7 12	6 47	1 15	13 16	7 21
S 3	15 5	28 15	5 8	24 2	2 56	26 17	3 2	7 18	1 29	0 11	1 27	21 34	0 24	18 51	0 21	17 27	1 43	15 17	10 29	7 11	6 45	1 11	13 16	7 21
M 4	15 23	27 0	5 14	24 15	2 59	26 21	3 5	7 5	1 30	0 10	1 27	21 33	0 24	18 51	0 21	17 26	1 43	15 17	10 29	7 10	6 44	1 8	13 17	7 20
T 5	15 41	24 12	5 4	24 27	3 1	26 24	3 7	6 52	1 30	0 8	1 27	21 33	0 24	18 50	0 21	17 26	1 43	15 17	10 30	7 9	6 43	1 4	13 17	7 20
W 6	15 59	19 58	4 36	24 37	3 3	26 26	3 9	6 39	1 31	0 7	1 27	21 32	0 24	18 50	0 21	17 25	1 43	15 16	10 30	7 9	6 42	1 1	13 17	7 19
T 7	16 16	14 35	3 51	24 47	3 5	26 28	3 11	6 26	1 31	0 5	1 26	21 32	0 24	18 49	0 21	17 25	1 43	15 16	10 30	7 9	6 41	0 58	13 17	7 18
F 8	16 33	8 19	2 51	24 54	3 6	26 29	3 14	6 13	1 32	0 4	1 26	21 31	0 24	18 49	0 21	17 25	1 43	15 16	10 31	7 10	6 39	0 54	13 17	7 18
S 9	16 50	1 30	1 39	25 0	3 6	26 30	3 16	6 0	1 33	0 2	1 26	21 31	0 24	18 48	0 21	17 24	1 43	15 16	10 31	7 10	6 38	0 51	13 17	7 17
S 10	17 7	5s27	0 20	25 4	3 5	26 30	3 17	5 46	1 33	0 1	1 26	21 30	0 24	18 47	0 21	17 24	1 43	15 16	10 31	7 11	6 37	0 47	13 17	7 17
M11	17 23	12 10	1s 0	25 7	3 3	26 29	3 19	5 33	1 34	0 0	1 26	21 30	0 24	18 47	0 21	17 23	1 43	15 16	10 32	7 11	6 36	0 44	13 17	7 16
T 12	17 39	18 11	2 17	25 8	3 0	26 27	3 21	5 20	1 34	0s 1	1 25	21 29	0 24	18 46	0 21	17 23	1 43	15 16	10 32	7 10	6 35	0 41	13 17	7 16
W13	17 55	23 4	3 23	25 7	2 57	26 25	3 22	5 7	1 35	0 2	1 25	21 29	0 23	18 46	0 21	17 23	1 43	15 16	10 32	7 9	6 33	0 37	13 16	7 15
T 14	18 10	26 27	4 15	25 3	2 52	26 23	3 24	4 54	1 35	0 3	1 25	21 28	0 23	18 45	0 21	17 22	1 43	15 16	10 33	7 7	6 32	0 34	13 16	7 15
F 15	18 26	28 6	4 51	24 58	2 45	26 20	3 25	4 41	1 36	0 4	1 25	21 27	0 23	18 45	0 21	17 22	1 43	15 16	10 33	7 5	6 31	0 30	13 16	7 14
S 16	18 40	28 0	5 9	24 50	2 38	26 16	3 26	4 28	1 36	0 5	1 25	21 27	0 23	18 44	0 21	17 21	1 43	15 16	10 33	7 2	6 30	0 27	13 16	7 14
S 17	18 55	26 18	5 10	24 40	2 29	26 12	3 27	4 15	1 37	0 5	1 24	21 26	0 23	18 43	0 21	17 21	1 43	15 16	10 34	7 1	6 29	0 24	13 16	7 13
M18	19 9	23 19	4 55	24 26	2 18	26 7	3 28	4 2	1 38	0 6	1 24	21 26	0 23	18 43	0 21	17 21	1 43	15 16	10 34	6 59	6 27	0 20	13 16	7 13
T 19	19 23	19 20	4 27	24 10	2 6	26 1	3 29	3 49	1 38	0 6	1 24	21 25	0 23	18 42	0 21	17 20	1 43	15 16	10 34	6 59	6 26	0 17	13 16	7 12
W20	19 36	14 38	3 48	23 51	1 52	25 55	3 29	3 36	1 39	0 7	1 24	21 24	0 23	18 42	0 21	17 20	1 43	15 16	10 35	6 58	6 25	0 13	13 15	7 12
T 21	19 49	9 28	2 59	23 29	1 36	25 48	3 30	3 24	1 39	0 7	1 24	21 24	0 23	18 41	0 21	17 19	1 43	15 16	10 35	6 59	6 24	0 10	13 15	7 11
F 22	20 2	4 0	2 3	23 4	1 19	25 41	3 30	3 11	1 40	0 7	1 23	21 23	0 22	18 41	0 21	17 19	1 43	15 16	10 35	6 59	6 22	0 6	13 15	7 11
S 23	20 15	1n35	1 2	22 36	1 1	25 34	3 30	2 58	1 41	0 8	1 23	21 22	0 22	18 40	0 21	17 19	1 43	15 16	10 36	7 0	6 21	0 3	13 15	7 10
S 24	20 27	7 10	0n 2	22 5	0 41	25 25	3 30	2 45	1 41	0 8	1 23	21 22	0 22	18 39	0 21	17 18	1 43	15 16	10 36	7 0	6 20	0n 0	13 14	7 10
M25	20 38	12 32	1 6	21 32	0 21	25 17	3 30	2 32	1 42	0 8	1 23	21 21	0 22	18 39	0 21	17 18	1 43	15 16	10 37	7 0	6 19	0 4	13 14	7 9
T 26	20 50	17 31	2 9	20 58	0 0	25 7	3 29	2 20	1 42	0 8	1 22	21 20	0 22	18 38	0 21	17 18	1 43	15 16	10 37	6 59	6 18	0 7	13 14	7 9
W27	21 1	21 52	3 6	20 23	0n20	24 58	3 29	2 7	1 43	0 8	1 22	21 19	0 22	18 38	0 21	17 17	1 43	15 16	10 37	6 57	6 16	0 11	13 13	7 8
T 28	21 11	25 17	3 55	19 49	0 40	24 47	3 28	1 54	1 43	0 7	1 22	21 19	0 22	18 37	0 21	17 17	1 43	15 16	10 38	6 54	6 15	0 14	13 13	7 8
F 29	21 21	27 29	4 33	19 16	0 59	24 37	3 27	1 42	1 44	0 7	1 22	21 18	0 22	18 37	0 21	17 16	1 43	15 16	10 38	6 51	6 14	0 17	13 13	7 8
S 30	21s31	28n12	4n57	18s46	1n16	24s26	3s26	1n29	1n45	0s 7	1s21	21s17	0n22	18n36	0s21	17n16	1s43	15n16	10n38	6n47	6n13	0n21	13s12	7n 7

Julian Day Number = 2888679.5, Delta T = 01h18m17s
Ecliptic obliquity = 23°17'13, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°30'07, Lahiri = 40°37'08

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ASTRODIENST EPHEMERIS for the year 3196
geocentric

DECEMBER 3196 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 42 21	9♐ 5'26	16♋49	29°R 2	25♑37	0♎50	2♈53	21♑13	25°R 8	25°R 7	16♍ 2	17°R15	15♈50	3♈34	29♑19	S 1
M 2	4 46 18	10° 5'42	0♌20	28♏16	26°32	1°23	2°54	21°19	25♉ 6	25♉ 6	16° 3	17♈ 7	15°47	3°41	29°23	M 2
T 3	4 50 14	11° 6'01	14° 2	27°42	27°27	1°55	2°55	21°25	25° 3	25° 4	16° 3	17° 2	15°44	3°48	29°27	T 3
W 4	4 54 11	12° 6'21	27°52	27°20	28°20	2°28	2°56	21°31	25° 1	25° 2	16° 4	16°59	15°41	3°54	29°32	W 4
T 5	4 58 8	13° 6'43	11♍50	27°D 9	29°14	3° 0	2°58	21°37	24°59	25° 1	16° 4	16°D58	15°37	4° 1	29°36	T 5
F 6	5 2 4	14° 7'07	25°55	27°10	0♒ 6	3°33	2°59	21°43	24°57	24°59	16° 4	16°58	15°34	4° 8	29°41	F 6
S 7	5 6 1	15° 7'33	10♎ 7	27°21	0°58	4° 5	3° 1	21°49	24°54	24°58	16° 5	16°R59	15°31	4°14	29°45	S 7
S 8	5 9 57	16° 8'01	24°25	27°43	1°49	4°37	3° 3	21°55	24°52	24°56	16° 5	16°59	15°28	4°21	29°50	S 8
M 9	5 13 54	17° 8'31	8♏44	28°13	2°40	5° 9	3° 5	22° 1	24°50	24°55	16° 5	16°57	15°25	4°27	29°54	M 9
T 10	5 17 50	18° 9'02	23° 3	28°52	3°29	5°41	3° 8	22° 8	24°48	24°53	16° 5	16°52	15°21	4°34	29°59	T 10
W11	5 21 47	19° 9'35	7♑16	29°38	4°18	6°12	3°11	22°14	24°45	24°51	16° 6	16°45	15°18	4°41	0♒ 3	W11
T 12	5 25 43	20°10'09	21°17	0♑30	5° 7	6°44	3°13	22°20	24°43	24°50	16° 6	16°35	15°15	4°47	0° 8	T 12
F 13	5 29 40	21°10'45	5♑ 3	1°28	5°54	7°15	3°16	22°27	24°41	24°49	16° 6	16°24	15°12	4°54	0°13	F 13
S 14	5 33 37	22°11'22	18°29	2°31	6°40	7°47	3°20	22°33	24°39	24°47	16° 6	16°13	15° 9	5° 1	0°18	S 14
S 15	5 37 33	23°12'01	1♒34	3°38	7°26	8°18	3°23	22°40	24°37	24°46	16° 6	16° 2	15° 6	5° 7	0°23	S 15
M16	5 41 30	24°12'40	14°17	4°49	8°10	8°49	3°27	22°46	24°35	24°44	16° 6	15°53	15° 2	5°14	0°27	M16
T 17	5 45 26	25°13'21	26°40	6° 3	8°53	9°19	3°31	22°53	24°33	24°43	16°R 6	15°47	14°59	5°21	0°32	T 17
W18	5 49 23	26°14'02	8♓47	7°20	9°36	9°50	3°35	22°59	24°31	24°41	16° 6	15°43	14°56	5°27	0°37	W18
T 19	5 53 19	27°14'45	20°42	8°39	10°17	10°21	3°39	23° 6	24°29	24°40	16° 6	15°42	14°53	5°34	0°42	T 19
F 20	5 57 16	28°15'28	2♈31	10° 0	10°57	10°51	3°43	23°12	24°27	24°39	16° 6	15°D42	14°50	5°41	0°47	F 20
S 21	6 1 13	29°16'12	14°19	11°23	11°36	11°21	3°48	23°19	24°25	24°37	16° 6	15°R42	14°47	5°47	0°52	S 21
S 22	6 5 9	0♑16'58	26°12	12°47	12°14	11°51	3°53	23°26	24°23	24°36	16° 6	15°41	14°43	5°54	0°57	S 22
M23	6 9 6	1°17'44	8♉14	14°13	12°50	12°21	3°58	23°33	24°21	24°35	16° 6	15°39	14°40	6° 1	1° 2	M23
T 24	6 13 2	2°18'31	20°31	15°39	13°25	12°51	4° 3	23°39	24°20	24°33	16° 6	15°34	14°37	6° 7	1° 8	T 24
W25	6 16 59	3°19'19	3♊ 4	17° 7	13°59	13°20	4° 8	23°46	24°18	24°32	16° 5	15°27	14°34	6°14	1°13	W25
T 26	6 20 55	4°20'08	15°58	18°35	14°31	13°50	4°13	23°53	24°16	24°31	16° 5	15°17	14°31	6°20	1°18	T 26
F 27	6 24 52	5°20'57	29°11	20° 4	15° 1	14°19	4°19	24° 0	24°14	24°30	16° 5	15° 5	14°27	6°27	1°23	F 27
S 28	6 28 48	6°21'48	12♋42	21°33	15°30	14°48	4°25	24° 7	24°13	24°29	16° 5	14°52	14°24	6°34	1°28	S 28
S 29	6 32 45	7°22'40	26°29	23° 3	15°57	15°17	4°31	24°13	24°11	24°28	16° 4	14°39	14°21	6°40	1°34	S 29
M30	6 36 42	8°23'33	10♌26	24°33	16°23	15°45	4°37	24°20	24°10	24°26	16° 4	14°28	14°18	6°47	1°39	M30
T 31	6 40 38	9♑24'26	24♌31	26♐ 4	16♒46	16♎14	4♈44	24♑27	24♉ 8	24♉25	16♍ 3	14♈20	14♈15	6♈54	1♒44	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21s40	27n18	5n 6	18s19	1n32	24s14	3s25	1n17	1n45	0s 6	1s21	21s16	0n22	18n36	0s21	17n16	1s43	15n17	10n39	6n44	6n12	0n24	13s12	7n 7	
M 2	21 49	24 48	4 58	17 55	1 46	24 2	3 23	1 5	1 46	0 6	1 21	21 15	0 22	18 35	0 21	17 15	1 43	15 17	10 39	6 41	6 10	0 28	13 11	7 6	
T 3	21 58	20 52	4 33	17 36	1 58	23 50	3 21	0 52	1 46	0 5	1 21	21 15	0 21	18 34	0 21	17 15	1 43	15 17	10 40	6 39	6 9	0 31	13 11	7 6	
W 4	22 6	15 46	3 52	17 22	2 8	23 37	3 19	0 40	1 47	0 4	1 20	21 14	0 21	18 34	0 21	17 15	1 43	15 17	10 40	6 38	6 8	0 35	13 11	7 6	
T 5	22 14	9 49	2 57	17 12	2 15	23 24	3 17	0 28	1 48	0 3	1 20	21 13	0 21	18 33	0 21	17 14	1 43	15 17	10 40	6 37	6 7	0 38	13 10	7 5	
F 6	22 21	3 18	1 50	17 6	2 21	23 10	3 15	0 15	1 48	0 3	1 20	21 12	0 21	18 33	0 21	17 14	1 43	15 17	10 41	6 38	6 5	0 41	13 10	7 5	
S 7	22 28	3s25	0 37	17 5	2 25	22 56	3 12	0 3	1 49	0 2	1 20	21 11	0 21	18 32	0 21	17 13	1 43	15 18	10 41	6 38	6 4	0 45	13 9	7 4	
S 8	22 34	10 1	0s40	17 7	2 28	22 42	3 9	0s 9	1 49	0 1	1 19	21 10	0 21	18 32	0 21	17 13	1 43	15 18	10 42	6 38	6 3	0 48	13 9	7 4	
M 9	22 40	16 7	1 54	17 13	2 29	22 28	3 6	0 21	1 50	0n 1	1 19	21 9	0 21	18 31	0 21	17 13	1 43	15 18	10 42	6 37	6 2	0 52	13 8	7 4	
T 10	22 46	21 19	3 0	17 22	2 28	22 13	3 3	0 33	1 50	0 2	1 19	21 8	0 21	18 31	0 21	17 12	1 43	15 18	10 42	6 35	6 1	0 55	13 7	7 3	
W11	22 51	25 14	3 55	17 33	2 27	21 58	2 59	0 45	1 51	0 3	1 19	21 8	0 21	18 30	0 21	17 12	1 43	15 19	10 43	6 33	5 59	0 58	13 7	7 3	
T 12	22 56	27 34	4 34	17 46	2 24	21 42	2 56	0 57	1 52	0 4	1 18	21 7	0 21	18 30	0 21	17 12	1 43	15 19	10 43	6 29	5 58	1 2	13 6	7 3	
F 13	23 0	28 8	4 57	18 1	2 21	21 27	2 51	1 8	1 52	0 6	1 18	21 6	0 21	18 29	0 21	17 11	1 42	15 19	10 43	6 25	5 57	1 5	13 6	7 2	
S 14	23 4	27 1	5 3	18 18	2 17	21 11	2 47	1 20	1 53	0 7	1 18	21 5	0 20	18 29	0 21	17 11	1 42	15 20	10 44	6 20	5 56	1 9	13 5	7 2	
S 15	23 7	24 26	4 52	18 35	2 12	20 55	2 42	1 32	1 54	0 9	1 18	21 4	0 20	18 28	0 20	17 11	1 42	15 20	10 44	6 16	5 55	1 12	13 4	7 2	
M16	23 10	20 42	4 27	18 53	2 6	20 39	2 37	1 43	1 54	0 10	1 18	21 3	0 20	18 28	0 20	17 11	1 42	15 20	10 45	6 13	5 53	1 16	13 4	7 1	
T 17	23 12	16 9	3 50	19 12	2 1	20 22	2 32	1 55	1 55	0 12	1 17	21 2	0 20	18 27	0 20	17 10	1 42	15 21	10 45	6 10	5 52	1 19	13 3	7 1	
W18	23 14	11 3	3 3	19 31	1 54	20 6	2 27	2 6	1 55	0 14	1 17	21 1	0 20	18 27	0 20	17 10	1 42	15 21	10 45	6 9	5 51	1 22	13 2	7 1	
T 19	23 16	5 38	2 9	19 50	1 48	19 49	2 21	2 17	1 56	0 16	1 17	21 0	0 20	18 26	0 20	17 10	1 42	15 21	10 46	6 8	5 50	1 26	13 1	7 0	
F 20	23 17	0 4	1 10	20 9	1 41	19 32	2 15	2 29	1 57	0 18	1 17	20 59	0 20	18 26	0 20	17 9	1 42	15 22	10 46	6 8	5 48	1 29	13 1	7 0	
S 21	23 17	5n30	0 7	20 27	1 34	19 15	2 8	2 40	1 57	0 20	1 16	20 58	0 20	18 25	0 20	17 9	1 42	15 22	10 47	6 8	5 47	1 33	13 0	7 0	
S 22	23 17	10 55	0n56	20 45	1 27	18 58	2 2	2 51	1 58	0 22	1 16	20 57	0 20	18 25	0 20	17 9	1 42	15 22	10 47	6 8	5 46	1 36	12 59	6 59	
M23	23 17	16 0	1 57	21 3	1 19	18 41	1 55	3 2	1 58	0 24	1 16	20 56	0 20	18 25	0 20	17 8	1 42	15 23	10 47	6 7	5 45	1 39	12 58	6 59	
T 24	23 16	20 33	2 53	21 20	1 12	18 24	1 47	3 13	1 59	0 26	1 16	20 54	0 20	18 24	0 20	17 8	1 42	15 23	10 48	6 6	5 44	1 43	12 57	6 59	
W25	23 15	24 17	3 43	21 36	1 4	18 7	1 39	3 23	2 0	0 29	1 15	20 53	0 20	18 24	0 20	17 8	1 42	15 24	10 48	6 3	5 42	1 46	12 57	6 59	
T 26	23 13	26 54	4 23	21 52	0 57	17 50	1 31	3 34	2 0	0 31	1 15	20 52	0 19	18 23	0 20	17 8	1 42	15 24	10 48	5 59	5 41	1 50	12 56	6 58	
F 27	23 11	28 6	4 49	22 6	0 49	17 33	1 23	3 45	2 1	0 34	1 15	20 51	0 19	18 23	0 20	17 7	1 42	15 25	10 49	5 54	5 40	1 53	12 55	6 58	
S 28	23 8	27 40	5 0	22 20	0 41	17 16	1 14	3 55	2 2	0 36	1 15	20 50	0 19	18 23	0 20	17 7	1 42	15 25	10 49	5 49	5 39	1 57	12 54	6 58	
S 29	23 5	25 32	4 54	22 33	0 34	16 59	1 5	4 6	2 2	0 39	1 14	20 49	0 19	18 22	0 20	17 7	1 42	15 26	10 50	5 44	5 37	2 0	12 53	6 58	
M30	23 1	21 51	4 30	22 44	0 26	16 42	0 55	4 16	2 3	0 41	1 14	20 48	0 19	18 22	0 20	17 7	1 42	15 26	10 50	5 40	5 36	2 3	12 52	6 58	
T 31	22s57	16n53	3n50	22s55	0n19	16s26	0s45	4s26	2n 4	0n44	1s14	20s47	0n19	18n22	0s20	17n 7	1s42	15n27	10n50	5n37	5n35	2n 7	12s51	6n57	

Julian Day Number = 2888709.5, Delta T = 01h18m18s
Ecliptic obliquity = 23°17'12, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°30'11, Lahiri = 40°37'12

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ASTRODIENST EPHEMERIS for the year 3197
geocentric

JANUARY 3197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 44 35	10♑25'21	8♍39	27♐35	17♒ 8	16♎42	4♈50	24♑34	24°R 6	24°R24	16°R 3	14°R14	14♈12	7♈ 0	1♒50	W 1
T 2	6 48 31	11°26'17	22°47	29° 6	17°28	17°10	4°57	24°41	24♉ 5	24♉23	16♍ 3	14♈11	14° 8	7° 7	1°55	T 2
F 3	6 52 28	12°27'14	6♎53	0♑38	17°46	17°38	5° 4	24°48	24° 4	24°22	16° 2	14°11	14° 5	7°14	2° 0	F 3
S 4	6 56 24	13°28'12	20°57	2° 9	18° 2	18° 6	5°11	24°55	24° 2	24°21	16° 2	14°11	14° 2	7°20	2° 6	S 4
S 5	7 0 21	14°29'11	4♏58	3°41	18°16	18°33	5°18	25° 2	24° 1	24°20	16° 1	14°10	13°59	7°27	2°11	S 5
M 6	7 4 17	15°30'11	18°55	5°13	18°28	19° 0	5°25	25° 9	24° 0	24°19	16° 1	14° 7	13°56	7°34	2°17	M 6
T 7	7 8 14	16°31'12	2♐48	6°46	18°38	19°27	5°33	25°16	23°58	24°18	16° 0	14° 1	13°53	7°40	2°22	T 7
W 8	7 12 11	17°32'13	16°33	8°18	18°45	19°54	5°40	25°23	23°57	24°18	15°59	13°53	13°49	7°47	2°28	W 8
T 9	7 16 7	18°33'16	0♑ 9	9°51	18°50	20°21	5°48	25°30	23°56	24°17	15°59	13°41	13°46	7°54	2°33	T 9
F 10	7 20 4	19°34'19	13°33	11°24	18°52	20°47	5°56	25°38	23°55	24°16	15°58	13°28	13°43	8° 0	2°39	F 10
S 11	7 24 0	20°35'23	26°42	12°57	18°R53	21°13	6° 4	25°45	23°54	24°15	15°57	13°14	13°40	8° 7	2°44	S 11
S 12	7 27 57	21°36'27	9♒35	14°30	18°50	21°39	6°13	25°52	23°53	24°14	15°57	13° 1	13°37	8°13	2°50	S 12
M13	7 31 53	22°37'31	22°11	16° 4	18°46	22° 5	6°21	25°59	23°52	24°14	15°56	12°50	13°33	8°20	2°55	M13
T 14	7 35 50	23°38'36	4♓30	17°38	18°38	22°30	6°30	26° 6	23°51	24°13	15°55	12°42	13°30	8°27	3° 1	T 14
W15	7 39 47	24°39'41	16°35	19°12	18°29	22°55	6°38	26°13	23°50	24°12	15°54	12°36	13°27	8°33	3° 7	W15
T 16	7 43 43	25°40'46	28°29	20°46	18°16	23°20	6°47	26°20	23°49	24°12	15°53	12°33	13°24	8°40	3°12	T 16
F 17	7 47 40	26°41'50	10♈18	22°21	18° 2	23°44	6°56	26°27	23°49	24°11	15°53	12°D33	13°21	8°47	3°18	F 17
S 18	7 51 36	27°42'55	22° 5	23°56	17°44	24° 8	7° 5	26°34	23°48	24°11	15°52	12°R33	13°18	8°53	3°23	S 18
S 19	7 55 33	28°44'00	3♉56	25°31	17°25	24°32	7°15	26°41	23°47	24°10	15°51	12°33	13°14	9° 0	3°29	S 19
M20	7 59 29	29°45'05	15°58	27° 6	17° 3	24°56	7°24	26°49	23°47	24°10	15°50	12°31	13°11	9° 7	3°34	M20
T 21	8 3 26	0♒46'10	28°15	28°42	16°39	25°19	7°33	26°56	23°46	24° 9	15°49	12°28	13° 8	9°13	3°40	T 21
W22	8 7 22	1°47'14	10♊52	0♒18	16°12	25°43	7°43	27° 3	23°46	24° 9	15°48	12°22	13° 5	9°20	3°46	W22
T 23	8 11 19	2°48'19	23°52	1°55	15°44	26° 5	7°53	27°10	23°45	24° 8	15°47	12°14	13° 2	9°27	3°51	T 23
F 24	8 15 16	3°49'23	7♋17	3°32	15°14	26°28	8° 3	27°17	23°45	24° 8	15°46	12° 3	12°59	9°33	3°57	F 24
S 25	8 19 12	4°50'27	21° 5	5° 9	14°42	26°50	8°13	27°24	23°44	24° 8	15°45	11°52	12°55	9°40	4° 2	S 25
S 26	8 23 9	5°51'31	5♌14	6°47	14° 9	27°12	8°23	27°31	23°44	24° 7	15°44	11°41	12°52	9°47	4° 8	S 26
M27	8 27 5	6°52'35	19°38	8°25	13°35	27°33	8°33	27°38	23°44	24° 7	15°43	11°31	12°49	9°53	4°14	M27
T 28	8 31 2	7°53'39	4♍11	10° 3	13° 0	27°54	8°44	27°45	23°44	24° 7	15°42	11°23	12°46	10° 0	4°19	T 28
W29	8 34 58	8°54'43	18°46	11°42	12°23	28°15	8°54	27°52	23°43	24° 7	15°41	11°19	12°43	10° 6	4°25	W29
T 30	8 38 55	9°55'46	3♎16	13°22	11°47	28°36	9° 5	27°59	23°43	24° 7	15°39	11°17	12°39	10°13	4°30	T 30
F 31	8 42 51	10♒56'50	17♎39	15♒ 1	11♒10	28♎56	9♈15	28♑ 6	23°D43	24♉ 6	15♍38	11°D17	12♈36	10♈20	4♒36	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s53	11n 0	2n56	23s 5	0n11	16s 9	0s35	4s37	2n 4	0n47	1s14	20s46	0n19	18n21	0s20	17n 6	1s42	15n27	10n51	5n35	5n34	2n10	12s50	6n57
T 2	22 48	4 32	1 51	23 13	0 4	15 53	0 24	4 47	2 5	0 50	1 14	20 44	0 19	18 21	0 20	17 6	1 42	15 28	10 51	5 34	5 33	2 14	12 49	6 57
F 3	22 42	2s 8	0 38	23 20	0s 3	15 37	0 13	4 57	2 6	0 53	1 13	20 43	0 19	18 21	0 20	17 6	1 42	15 28	10 51	5 33	5 31	2 17	12 48	6 57
S 4	22 37	8 41	0s36	23 27	0 10	15 21	0 2	5 6	2 6	0 55	1 13	20 42	0 19	18 20	0 20	17 6	1 42	15 29	10 52	5 33	5 30	2 20	12 47	6 57
S 5	22 30	14 47	1 48	23 32	0 17	15 6	0n10	5 16	2 7	0 59	1 13	20 41	0 19	18 20	0 20	17 6	1 42	15 29	10 52	5 33	5 29	2 24	12 46	6 56
M 6	22 24	20 6	2 52	23 35	0 24	14 51	0 22	5 26	2 8	1 2	1 13	20 40	0 19	18 20	0 20	17 5	1 42	15 30	10 52	5 32	5 28	2 27	12 45	6 56
T 7	22 16	24 17	3 47	23 38	0 31	14 36	0 35	5 35	2 8	1 5	1 12	20 39	0 19	18 19	0 20	17 5	1 42	15 30	10 53	5 30	5 26	2 31	12 44	6 56
W 8	22 9	27 2	4 27	23 39	0 38	14 21	0 48	5 45	2 9	1 8	1 12	20 37	0 18	18 19	0 20	17 5	1 41	15 31	10 53	5 26	5 25	2 34	12 43	6 56
T 9	22 1	28 9	4 52	23 39	0 44	14 7	1 1	5 54	2 10	1 11	1 12	20 36	0 18	18 19	0 20	17 5	1 41	15 31	10 54	5 22	5 24	2 38	12 42	6 56
F 10	21 52	27 35	5 0	23 38	0 50	13 53	1 15	6 3	2 10	1 15	1 12	20 35	0 18	18 19	0 20	17 5	1 41	15 32	10 54	5 17	5 23	2 41	12 41	6 56
S 11	21 43	25 27	4 52	23 36	0 56	13 40	1 29	6 12	2 11	1 18	1 12	20 34	0 18	18 18	0 20	17 5	1 41	15 33	10 54	5 12	5 22	2 44	12 40	6 56
S 12	21 34	22 3	4 29	23 32	1 2	13 27	1 43	6 21	2 12	1 21	1 11	20 32	0 18	18 18	0 20	17 4	1 41	15 33	10 55	5 7	5 20	2 48	12 39	6 56
M13	21 24	17 42	3 53	23 27	1 8	13 15	1 57	6 30	2 12	1 25	1 11	20 31	0 18	18 18	0 20	17 4	1 41	15 34	10 55	5 2	5 19	2 51	12 38	6 55
T 14	21 14	12 42	3 7	23 21	1 14	13 3	2 12	6 39	2 13	1 28	1 11	20 30	0 18	18 18	0 20	17 4	1 41	15 34	10 55	4 59	5 18	2 55	12 37	6 55
W15	21 3	7 18	2 13	23 13	1 19	12 51	2 27	6 47	2 14	1 32	1 11	20 29	0 18	18 18	0 20	17 4	1 41	15 35	10 56	4 57	5 17	2 58	12 36	6 55
T 16	20 52	1 44	1 14	23 5	1 24	12 41	2 43	6 55	2 14	1 36	1 11	20 27	0 18	18 17	0 20	17 4	1 41	15 36	10 56	4 56	5 15	3 1	12 34	6 55
F 17	20 41	3n52	0 12	22 54	1 29	12 30	2 58	7 4	2 15	1 39	1 10	20 26	0 18	18 17	0 20	17 4	1 41	15 36	10 56	4 56	5 14	3 5	12 33	6 55
S 18	20 29	9 20	0n50	22 43	1 33	12 21	3 13	7 12	2 16	1 43	1 10	20 25	0 18	18 17	0 20	17 4	1 41	15 37	10 57	4 56	5 13	3 8	12 32	6 55
S 19	20 17	14 30	1 51	22 30	1 38	12 12	3 29	7 20	2 16	1 47	1 10	20 24	0 18	18 17	0 20	17 4	1 41	15 38	10 57	4 56	5 12	3 12	12 31	6 55
M20	20 4	19 11	2 48	22 16	1 42	12 3	3 45	7 28	2 17	1 51	1 10	20 22	0 18	18 17	0 20	17 4	1 41	15 38	10 57	4 55	5 10	3 15	12 30	6 55
T 21	19 51	23 11	3 38	22 1	1 46	11 55	4 0	7 36	2 18	1 55	1 10	20 21	0 18	18 17	0 20	17 4	1 41	15 39	10 57	4 54	5 9	3 18	12 29	6 55
W22	19 38	26 12	4 19	21 44	1 49	11 48	4 16	7 43	2 18	1 59	1 10	20 20	0 17	18 17	0 20	17 4	1 41	15 39	10 58	4 51	5 8	3 22	12 27	6 55
T 23	19 24	27 56	4 47	21 26	1 53	11 42	4 31	7 51	2 19	2 3	1 9	20 19	0 17	18 16	0 20	17 4	1 41	15 40	10 58	4 48	5 7	3 25	12 26	6 55
F 24	19 10	28 6	5 2	21 7	1 56	11 36	4 46	7 58	2 20	2 7	1 9	20 17	0 17	18 16	0 20	17 4	1 41	15 41	10 58	4 44	5 6	3 29	12 25	6 55
S 25	18 56	26 34	4 59	20 46	1 58	11 31	5 1	8 6	2 21	2 11	1 9	20 16	0 17	18 16	0 20	17 3	1 41	15 41	10 59	4 40	5 4	3 32	12 24	6 55
S 26	18 41	23 20	4 38	20 25	2 1	11 27	5 15	8 13	2 21	2 15	1 9	20 15	0 17	18 16	0 20	17 3	1 41	15 42	10 59	4 35	5 3	3 36	12 22	6 55
M27	18 26	18 37	3 59	20 1	2 3	11 23	5 29	8 20	2 22	2 19	1 9	20 13	0 17	18 16	0 20	17 3	1 40	15 43	10 59	4 32	5 2	3 39	12 21	6 55
T 28	18 11	12 46	3 4	19 37	2 5	11 20	5 42	8 26	2 23	2 23	1 8	20 12	0 17	18 16	0 20	17 3	1 40	15 44	11 0	4 29	5 1	3 42	12 20	6 55
W29	17 55	6 13	1 57	19 11	2 6	11 17	5 55	8 33	2 23	2 28	1 8	20 11	0 17	18 16	0 19	17 3	1 40	15 44	11 0	4 27	4 59	3 46	12 18	6 55
T 30	17 39	0s38	0 43	18 44	2 7	11 16	6 7	8 40	2 24	2 32	1 8	20 9	0 17	18 16	0 19	17 4	1 40	15 45	11 0	4 26	4 58	3 49	12 17	6 55
F 31	17s22	7s24	0s34	18s15	2s 7	11s14	6n19	8s46	2n25	2n36	1s 8	20s 8	0n17	18n16	0s19	17n 4	1s40	15n46	11n 0	4n26	4n57	3n53	12s16	6n55

Julian Day Number = 2888740.5, Delta T = 01h18m18s
Ecliptic obliquity = 23°17'13, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°30'16, Lahiri = 40°37'16

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3197
geocentric

FEBRUARY 3197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 46 48	11♒57'54	1♏50	16♒42	10°R33	29♎15	9♈26	28♑13	23♉43	24°R 6	15°R37	11♈17	12♈33	10♈26	4♒42	S 1
S 2	8 50 45	12°58'58	15°50	18°22	9♒56	29°35	9°37	28°20	23°43	24♉ 6	15♍36	11°R17	12°30	10°33	4°47	S 2
M 3	8 54 41	14° 0'02	29°37	20° 3	9°20	29°54	9°48	28°27	23°43	24°D 6	15°35	11°16	12°27	10°40	4°53	M 3
T 4	8 58 38	15° 1'06	13♐12	21°45	8°45	0♏12	9°59	28°34	23°44	24° 6	15°33	11°13	12°24	10°46	4°58	T 4
W 5	9 2 34	16° 2'10	26°35	23°26	8°11	0°30	10°11	28°41	23°44	24° 6	15°32	11° 7	12°20	10°53	5° 4	W 5
T 6	9 6 31	17° 3'13	9♑47	25° 8	7°38	0°48	10°22	28°48	23°44	24° 6	15°31	10°59	12°17	11° 0	5° 9	T 6
F 7	9 10 27	18° 4'16	22°46	26°50	7° 6	1° 6	10°34	28°55	23°44	24° 7	15°30	10°49	12°14	11° 6	5°15	F 7
S 8	9 14 24	19° 5'19	5♒33	28°33	6°36	1°22	10°45	29° 1	23°45	24° 7	15°28	10°39	12°11	11°13	5°20	S 8
S 9	9 18 20	20° 6'22	18° 8	0♓15	6° 8	1°39	10°57	29° 8	23°45	24° 7	15°27	10°29	12° 8	11°20	5°26	S 9
M10	9 22 17	21° 7'23	0♓30	1°58	5°42	1°55	11° 8	29°15	23°46	24° 7	15°26	10°21	12° 5	11°26	5°31	M10
T 11	9 26 14	22° 8'24	12°40	3°40	5°18	2°10	11°20	29°22	23°46	24° 7	15°24	10°15	12° 1	11°33	5°37	T 11
W12	9 30 10	23° 9'24	24°40	5°22	4°56	2°25	11°32	29°29	23°47	24° 8	15°23	10°11	11°58	11°39	5°42	W12
T 13	9 34 7	24°10'24	6♈31	7° 3	4°36	2°40	11°44	29°35	23°47	24° 8	15°22	10°D10	11°55	11°46	5°47	T 13
F 14	9 38 3	25°11'22	18°18	8°44	4°19	2°54	11°56	29°42	23°48	24° 8	15°20	10°10	11°52	11°53	5°53	F 14
S 15	9 42 0	26°12'20	0♉ 5	10°24	4° 4	3° 7	12° 9	29°48	23°49	24° 9	15°19	10°11	11°49	11°59	5°58	S 15
S 16	9 45 56	27°13'16	11°55	12° 2	3°51	3°20	12°21	29°55	23°50	24° 9	15°17	10°13	11°45	12° 6	6° 3	S 16
M17	9 49 53	28°14'12	23°55	13°39	3°41	3°33	12°33	0♒ 2	23°50	24°10	15°16	10°R14	11°42	12°13	6° 9	M17
T 18	9 53 49	29°15'06	6♊ 9	15°14	3°34	3°45	12°46	0° 8	23°51	24°10	15°15	10°14	11°39	12°19	6°14	T 18
W19	9 57 46	0♓15'59	18°43	16°46	3°28	3°56	12°58	0°15	23°52	24°11	15°13	10°12	11°36	12°26	6°19	W19
T 20	10 1 43	1°16'52	1♋41	18°15	3°26	4° 7	13°11	0°21	23°53	24°11	15°12	10° 9	11°33	12°33	6°24	T 20
F 21	10 5 39	2°17'42	15° 5	19°41	3°D26	4°17	13°24	0°28	23°54	24°12	15°10	10° 4	11°30	12°39	6°30	F 21
S 22	10 9 36	3°18'32	28°57	21° 2	3°28	4°27	13°36	0°34	23°55	24°13	15° 9	9°58	11°26	12°46	6°35	S 22
S 23	10 13 32	4°19'21	13♌14	22°19	3°32	4°36	13°49	0°40	23°57	24°13	15° 7	9°52	11°23	12°53	6°40	S 23
M24	10 17 29	5°20'08	27°53	23°30	3°39	4°45	14° 2	0°47	23°58	24°14	15° 6	9°47	11°20	12°59	6°45	M24
T 25	10 21 25	6°20'54	12♍46	24°34	3°48	4°53	14°15	0°53	23°59	24°15	15° 4	9°43	11°17	13° 6	6°50	T 25
W26	10 25 22	7°21'39	27°46	25°31	4° 0	5° 0	14°28	0°59	24° 0	24°16	15° 3	9°41	11°14	13°12	6°55	W26
T 27	10 29 18	8°22'23	12♎42	26°21	4°13	5° 7	14°41	1° 5	24° 2	24°16	15° 1	9°D40	11°11	13°19	7° 0	T 27
F 28	10 33 15	9♓23'06	27♎29	27♓ 1	4♒29	5♏13	14♈54	1♒11	24♉ 3	24♉17	15♍ 0	9♈41	11♈ 7	13♈26	7♒ 5	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s 6	13s43	1s48	17s46	2s 8	11s14	6n29	8s52	2n25	2n41	1s 8	20s 7	0n17	18n16	0s19	17n 4	1s40	15n46	11n 1	4n26	4n56	3n56	12s14	6n55
S 2	16 49	19 15	2 54	17 15	2 7	11 13	6 39	8 58	2 26	2 45	1 8	20 5	0 17	18 16	0 19	17 4	1 40	15 47	11 1	4 26	4 54	3 59	12 13	6 55
M 3	16 31	23 40	3 49	16 42	2 7	11 14	6 48	9 4	2 27	2 49	1 7	20 4	0 17	18 16	0 19	17 4	1 40	15 48	11 1	4 26	4 53	4 3	12 12	6 55
T 4	16 14	26 42	4 30	16 9	2 5	11 15	6 57	9 10	2 28	2 54	1 7	20 3	0 17	18 16	0 19	17 4	1 40	15 48	11 1	4 25	4 52	4 6	12 10	6 55
W 5	15 56	28 11	4 56	15 34	2 4	11 16	7 4	9 15	2 28	2 58	1 7	20 1	0 17	18 16	0 19	17 4	1 40	15 49	11 2	4 22	4 51	4 10	12 9	6 55
T 6	15 38	28 0	5 6	14 58	2 2	11 18	7 11	9 21	2 29	3 3	1 7	20 0	0 16	18 17	0 19	17 4	1 40	15 50	11 2	4 19	4 50	4 13	12 8	6 56
F 7	15 19	26 18	4 59	14 21	1 59	11 20	7 17	9 26	2 30	3 8	1 7	19 59	0 16	18 17	0 19	17 4	1 40	15 51	11 2	4 15	4 48	4 16	12 6	6 56
S 8	15 0	23 15	4 38	13 43	1 56	11 22	7 21	9 31	2 30	3 12	1 7	19 57	0 16	18 17	0 19	17 4	1 40	15 51	11 2	4 11	4 47	4 20	12 5	6 56
S 9	14 41	19 9	4 3	13 3	1 52	11 25	7 25	9 36	2 31	3 17	1 7	19 56	0 16	18 17	0 19	17 4	1 40	15 52	11 2	4 8	4 46	4 23	12 4	6 56
M10	14 22	14 18	3 17	12 23	1 47	11 28	7 29	9 41	2 32	3 22	1 6	19 55	0 16	18 17	0 19	17 4	1 40	15 53	11 3	4 4	4 45	4 27	12 2	6 56
T 11	14 3	8 58	2 23	11 41	1 42	11 31	7 31	9 46	2 33	3 26	1 6	19 53	0 16	18 17	0 19	17 4	1 40	15 53	11 3	4 2	4 43	4 30	12 1	6 56
W12	13 43	3 23	1 23	10 59	1 37	11 35	7 33	9 50	2 33	3 31	1 6	19 52	0 16	18 17	0 19	17 5	1 40	15 54	11 3	4 1	4 42	4 33	11 59	6 56
T 13	13 23	2n16	0 20	10 16	1 30	11 38	7 34	9 54	2 34	3 36	1 6	19 51	0 16	18 18	0 19	17 5	1 39	15 55	11 3	4 0	4 41	4 37	11 58	6 56
F 14	13 3	7 49	0n44	9 32	1 23	11 42	7 34	9 58	2 35	3 41	1 6	19 49	0 16	18 18	0 19	17 5	1 39	15 56	11 4	4 0	4 40	4 40	11 57	6 57
S 15	12 42	13 5	1 46	8 47	1 15	11 46	7 33	10 2	2 35	3 46	1 6	19 48	0 16	18 18	0 19	17 5	1 39	15 56	11 4	4 1	4 38	4 44	11 55	6 57
S 16	12 22	17 55	2 44	8 2	1 7	11 50	7 32	10 6	2 36	3 50	1 6	19 47	0 16	18 18	0 19	17 5	1 39	15 57	11 4	4 1	4 37	4 47	11 54	6 57
M17	12 1	22 6	3 35	7 17	0 58	11 54	7 30	10 9	2 37	3 55	1 5	19 45	0 16	18 18	0 19	17 5	1 39	15 58	11 4	4 2	4 36	4 50	11 52	6 57
T 18	11 40	25 26	4 18	6 31	0 48	11 58	7 28	10 13	2 37	4 0	1 5	19 44	0 16	18 19	0 19	17 5	1 39	15 58	11 4	4 2	4 35	4 54	11 51	6 57
W19	11 18	27 37	4 50	5 45	0 37	12 2	7 25	10 16	2 38	4 5	1 5	19 43	0 16	18 19	0 19	17 6	1 39	15 59	11 4	4 1	4 34	4 57	11 49	6 58
T 20	10 57	28 24	5 8	5 0	0 25	12 6	7 21	10 19	2 39	4 10	1 5	19 42	0 16	18 19	0 19	17 6	1 39	16 0	11 5	4 0	4 32	5 1	11 48	6 58
F 21	10 35	27 34	5 10	4 15	0 13	12 10	7 18	10 22	2 40	4 15	1 5	19 40	0 16	18 19	0 19	17 6	1 39	16 1	11 5	3 58	4 31	5 4	11 47	6 58
S 22	10 14	25 2	4 54	3 32	0n 0	12 13	7 13	10 24	2 40	4 20	1 5	19 39	0 16	18 20	0 19	17 6	1 39	16 1	11 5	3 55	4 30	5 7	11 45	6 58
S 23	9 52	20 54	4 20	2 49	0 14	12 17	7 9	10 27	2 41	4 25	1 5	19 38	0 15	18 20	0 19	17 7	1 39	16 2	11 5	3 53	4 29	5 11	11 44	6 58
M24	9 30	15 24	3 29	2 8	0 28	12 20	7 3	10 29	2 41	4 30	1 5	19 36	0 15	18 20	0 19	17 7	1 39	16 3	11 5	3 51	4 27	5 14	11 42	6 59
T 25	9 8	8 55	2 22	1 29	0 43	12 24	6 58	10 31	2 42	4 35	1 5	19 35	0 15	18 21	0 19	17 7	1 39	16 3	11 5	3 49	4 26	5 17	11 41	6 59
W26	8 45	1 53	1 5	0 52	0 59	12 27	6 52	10 33	2 43	4 41	1 4	19 34	0 15	18 21	0 19	17 7	1 39	16 4	11 5	3 49	4 25	5 21	11 39	6 59
T 27	8 23	5s15	0s17	0 18	1 14	12 30	6 46	10 34	2 43	4 46	1 4	19 32	0 15	18 21	0 19	17 7	1 39	16 5	11 5	3 48	4 24	5 24	11 38	6 59
F 28	8s 0	12s 0	1s36	0n12	1n30	12s32	6n40	10s36	2n44	4n51	1s 4	19s31	0n15	18n22	0s19	17n 8	1s39	16n 5	11n 6	3n49	4n22	5n28	11s36	7n 0

Julian Day Number = 2888771.5, Delta T = 01h18m19s
Ecliptic obliquity = 23°17'13, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°30'20, Lahiri = 40°37'20

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ASTRODIENST EPHEMERIS for the year 3197
geocentric

MARCH 3197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 37 12	10♓23'48	12♏ 0	27♓33	4♒47	5♏18	15♈ 7	1♒17	24♉ 4	24♉18	14°R58	9♈43	11♈ 4	13♈32	7♒10	S 1
S 2	10 41 8	11°24'29	26°12	27°54	5° 6	5°23	15°21	1°23	24° 6	24°19	14♍57	9°44	11° 1	13°39	7°15	S 2
M 3	10 45 5	12°25'09	10♐ 3	28° 5	5°28	5°27	15°34	1°29	24° 7	24°20	14°56	9°R45	10°58	13°46	7°20	M 3
T 4	10 49 1	13°25'48	23°35	28°R 6	5°51	5°30	15°47	1°35	24° 9	24°21	14°54	9°44	10°55	13°52	7°24	T 4
W 5	10 52 58	14°26'27	6♑48	27°56	6°17	5°33	16° 1	1°41	24°11	24°22	14°53	9°43	10°51	13°59	7°29	W 5
T 6	10 56 54	15°27'04	19°44	27°35	6°44	5°35	16°14	1°47	24°12	24°23	14°51	9°40	10°48	14° 6	7°34	T 6
F 7	11 0 51	16°27'40	2♒25	27° 5	7°12	5°36	16°28	1°53	24°14	24°24	14°50	9°36	10°45	14°12	7°39	F 7
S 8	11 4 47	17°28'15	14°53	26°25	7°42	5°R36	16°42	1°58	24°16	24°25	14°48	9°33	10°42	14°19	7°43	S 8
S 9	11 8 44	18°28'48	27°10	25°38	8°14	5°36	16°55	2° 4	24°18	24°26	14°47	9°29	10°39	14°26	7°48	S 9
M10	11 12 41	19°29'21	9♓17	24°43	8°47	5°35	17° 9	2° 9	24°19	24°27	14°45	9°26	10°36	14°32	7°52	M10
T 11	11 16 37	20°29'51	21°16	23°43	9°22	5°33	17°23	2°15	24°21	24°29	14°44	9°24	10°32	14°39	7°57	T 11
W12	11 20 34	21°30'20	3♈ 9	22°39	9°57	5°31	17°37	2°20	24°23	24°30	14°42	9°23	10°29	14°46	8° 1	W12
T 13	11 24 30	22°30'48	14°57	21°33	10°35	5°28	17°50	2°26	24°25	24°31	14°41	9°D23	10°26	14°52	8° 6	T 13
F 14	11 28 27	23°31'14	26°44	20°27	11°13	5°24	18° 4	2°31	24°27	24°32	14°39	9°24	10°23	14°59	8°10	F 14
S 15	11 32 23	24°31'38	8♉32	19°22	11°52	5°19	18°18	2°36	24°29	24°34	14°38	9°25	10°20	15° 5	8°14	S 15
S 16	11 36 20	25°32'01	20°24	18°20	12°33	5°13	18°32	2°42	24°31	24°35	14°36	9°26	10°16	15°12	8°19	S 16
M17	11 40 16	26°32'22	2♊24	17°21	13°15	5° 7	18°46	2°47	24°34	24°36	14°35	9°27	10°13	15°19	8°23	M17
T 18	11 44 13	27°32'41	14°37	16°28	13°58	5° 0	19° 0	2°52	24°36	24°38	14°33	9°28	10°10	15°25	8°27	T 18
W19	11 48 10	28°32'58	27° 7	15°41	14°42	4°52	19°14	2°57	24°38	24°39	14°32	9°R29	10° 7	15°32	8°31	W19
T 20	11 52 6	29°33'13	9♋59	14°59	15°27	4°43	19°29	3° 2	24°40	24°41	14°30	9°28	10° 4	15°39	8°35	T 20
F 21	11 56 3	0♈33'26	23°15	14°25	16°12	4°33	19°43	3° 7	24°43	24°42	14°29	9°28	10° 1	15°45	8°39	F 21
S 22	11 59 59	1°33'38	6♌59	13°58	16°59	4°23	19°57	3°11	24°45	24°44	14°27	9°27	9°57	15°52	8°43	S 22
S 23	12 3 56	2°33'47	21°10	13°37	17°47	4°12	20°11	3°16	24°47	24°45	14°26	9°26	9°54	15°59	8°47	S 23
M24	12 7 52	3°33'54	5♍47	13°24	18°35	4° 0	20°25	3°21	24°50	24°47	14°25	9°25	9°51	16° 5	8°51	M24
T 25	12 11 49	4°33'59	20°43	13°17	19°24	3°48	20°40	3°25	24°52	24°48	14°23	9°25	9°48	16°12	8°55	T 25
W26	12 15 45	5°34'03	5♎53	13°D17	20°14	3°35	20°54	3°30	24°55	24°50	14°22	9°D25	9°45	16°19	8°59	W26
T 27	12 19 42	6°34'04	21° 6	13°23	21° 5	3°21	21° 8	3°34	24°57	24°52	14°20	9°25	9°42	16°25	9° 2	T 27
F 28	12 23 38	7°34'04	6♏12	13°35	21°56	3° 6	21°23	3°39	25° 0	24°53	14°19	9°25	9°38	16°32	9° 6	F 28
S 29	12 27 35	8°34'03	21° 4	13°53	22°48	2°51	21°37	3°43	25° 2	24°55	14°18	9°25	9°35	16°38	9° 9	S 29
S 30	12 31 32	9°34'00	5♐35	14°15	23°41	2°34	21°51	3°47	25° 5	24°57	14°16	9°R25	9°32	16°45	9°13	S 30
M31	12 35 28	10♈33'55	19♐40	14♓43	24♒34	2♏18	22♈ 6	3♒51	25♉ 8	24♉58	14♍15	9♈25	9♈29	16♈52	9♒16	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s37	18s 0	2s48	0n39	1n46	12s34	6n34	10s37	2n44	4n56	1s 4	19s30	0n15	18n22	0s19	17n 8	1s39	16n 6	11n 6	3n49	4n21	5n31	11s35	7n 0
S 2	7 14	22 52	3 48	1 2	2 2	12 36	6 27	10 38	2 45	5 1	1 4	19 29	0 15	18 22	0 19	17 8	1 39	16 7	11 6	3 50	4 20	5 34	11 33	7 0
M 3	6 52	26 19	4 33	1 21	2 18	12 38	6 20	10 39	2 46	5 6	1 4	19 27	0 15	18 23	0 19	17 9	1 38	16 7	11 6	3 50	4 19	5 38	11 32	7 1
T 4	6 28	28 10	5 2	1 35	2 32	12 39	6 13	10 40	2 46	5 12	1 4	19 26	0 15	18 23	0 19	17 9	1 38	16 8	11 6	3 50	4 17	5 41	11 31	7 1
W 5	6 5	28 20	5 14	1 44	2 46	12 40	6 6	10 40	2 47	5 17	1 4	19 25	0 15	18 24	0 19	17 9	1 38	16 9	11 6	3 49	4 16	5 44	11 29	7 1
T 6	5 42	26 57	5 10	1 47	2 59	12 41	5 58	10 40	2 47	5 22	1 4	19 24	0 15	18 24	0 19	17 9	1 38	16 9	11 6	3 48	4 15	5 48	11 28	7 1
F 7	5 19	24 12	4 50	1 46	3 11	12 41	5 51	10 40	2 47	5 27	1 4	19 23	0 15	18 25	0 19	17 10	1 38	16 10	11 6	3 47	4 14	5 51	11 26	7 2
S 8	4 55	20 22	4 17	1 39	3 20	12 41	5 44	10 40	2 48	5 33	1 3	19 21	0 15	18 25	0 19	17 10	1 38	16 11	11 6	3 45	4 13	5 55	11 25	7 2
S 9	4 32	15 42	3 32	1 28	3 28	12 41	5 36	10 39	2 48	5 38	1 3	19 20	0 15	18 26	0 19	17 10	1 38	16 11	11 6	3 44	4 11	5 58	11 23	7 2
M10	4 8	10 29	2 39	1 12	3 34	12 40	5 28	10 39	2 49	5 43	1 3	19 19	0 15	18 26	0 19	17 11	1 38	16 12	11 6	3 43	4 10	6 1	11 22	7 3
T 11	3 45	4 57	1 38	0 51	3 38	12 38	5 21	10 38	2 49	5 48	1 3	19 18	0 15	18 26	0 18	17 11	1 38	16 13	11 6	3 42	4 9	6 5	11 20	7 3
W12	3 21	0n43	0 34	0 28	3 39	12 37	5 13	10 37	2 49	5 54	1 3	19 17	0 15	18 27	0 18	17 11	1 38	16 13	11 6	3 42	4 8	6 8	11 19	7 3
T 13	2 57	6 20	0n31	0 1	3 38	12 34	5 5	10 35	2 50	5 59	1 3	19 15	0 14	18 27	0 18	17 12	1 38	16 14	11 7	3 42	4 6	6 11	11 18	7 4
F 14	2 33	11 43	1 35	0s28	3 35	12 32	4 57	10 34	2 50	6 4	1 3	19 14	0 14	18 28	0 18	17 12	1 38	16 14	11 7	3 42	4 5	6 15	11 16	7 4
S 15	2 10	16 42	2 35	0 58	3 30	12 29	4 49	10 32	2 50	6 10	1 3	19 13	0 14	18 28	0 18	17 12	1 38	16 15	11 7	3 42	4 4	6 18	11 15	7 5
S 16	1 46	21 5	3 28	1 29	3 22	12 25	4 41	10 30	2 50	6 15	1 3	19 12	0 14	18 29	0 18	17 13	1 38	16 16	11 7	3 43	4 3	6 22	11 13	7 5
M17	1 22	24 39	4 14	1 59	3 13	12 22	4 34	10 28	2 51	6 20	1 3	19 11	0 14	18 30	0 18	17 13	1 38	16 16	11 7	3 43	4 1	6 25	11 12	7 5
T 18	0 58	27 11	4 48	2 30	3 3	12 17	4 26	10 25	2 51	6 26	1 3	19 10	0 14	18 30	0 18	17 14	1 38	16 17	11 7	3 44	4 0	6 28	11 10	7 6
W19	0 34	28 25	5 10	2 59	2 51	12 12	4 18	10 22	2 51	6 31	1 3	19 9	0 14	18 31	0 18	17 14	1 38	16 17	11 7	3 44	3 59	6 32	11 9	7 6
T 20	0 11	28 11	5 17	3 26	2 39	12 7	4 10	10 19	2 51	6 36	1 3	19 8	0 14	18 31	0 18	17 14	1 38	16 18	11 7	3 44	3 58	6 35	11 8	7 6
F 21	0n13	26 22	5 8	3 51	2 25	12 1	4 2	10 16	2 51	6 42	1 3	19 7	0 14	18 32	0 18	17 15	1 38	16 18	11 7	3 44	3 56	6 38	11 6	7 7
S 22	0 37	22 57	4 42	4 15	2 12	11 55	3 54	10 13	2 51	6 47	1 2	19 6	0 14	18 32	0 18	17 15	1 38	16 19	11 7	3 43	3 55	6 42	11 5	7 7
S 23	1 1	18 6	3 57	4 36	1 57	11 49	3 46	10 9	2 51	6 53	1 2	19 5	0 14	18 33	0 18	17 16	1 37	16 19	11 7	3 43	3 54	6 45	11 3	7 8
M24	1 25	12 4	2 56	4 54	1 43	11 42	3 39	10 6	2 51	6 58	1 2	19 4	0 14	18 34	0 18	17 16	1 37	16 20	11 6	3 43	3 53	6 48	11 2	7 8
T 25	1 48	5 13	1 42	5 10	1 28	11 34	3 31	10 2	2 50	7 3	1 2	19 3	0 14	18 34	0 18	17 16	1 37	16 20	11 6	3 42	3 51	6 52	11 1	7 9
W26	2 12	2s 1	0 20	5 23	1 14	11 26	3 23	9 58	2 50	7 9	1 2	19 2	0 14	18 35	0 18	17 17	1 37	16 21	11 6	3 42	3 50	6 55	10 59	7 9
T 27	2 35	9 11	1s 5	5 34	1 0	11 17	3 15	9 53	2 50	7 14	1 2	19 1	0 14	18 35	0 18	17 17	1 37	16 21	11 6	3 42	3 49	6 58	10 58	7 9
F 28	2 59	15 46	2 24	5 42	0 46	11 9	3 8	9 49	2 49	7 19	1 2	19 0	0 14	18 36	0 18	17 18	1 37	16 22	11 6	3 42	3 48	7 2	10 57	7 10
S 29	3 23	21 19	3 32	5 48	0 32	10 59	3 0	9 44	2 49	7 25	1 2	18 59	0 14	18 37	0 18	17 18	1 37	16 22	11 6	3 43	3 46	7 5	10 55	7 10
S 30	3 46	25 26	4 24	5 52	0 19	10 49	2 53	9 39	2 49	7 30	1 2	18 58	0 14	18 37	0 18	17 19	1 37	16 23	11 6	3 43	3 45	7 9	10 54	7 11
M31	4n 9	27s52	4s59	5s53	0n 6	10s39	2n45	9s34	2n48	7n35	1s 2	18s57	0n13	18n38	0s18	17n19	1s37	16n23	11n 6	3n43	3n44	7n12	10s53	7n11

Julian Day Number = 2888799.5, Delta T = 01h18m20s
Ecliptic obliquity = 23°17'14, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°30'24, Lahiri = 40°37'24

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ASTRODIENST EPHEMERIS for the year 3197
geocentric

APRIL 3197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 39 25	11♈33'49	3♉20	15♓16	25♒29	2°R 0	22♈20	3♒55	25♉10	25♉ 0	14°R14	9°R25	9♈26	16♈58	9♒20	T 1
W 2	12 43 21	12°33'41	16°34	15°52	26°23	1♏42	22°35	3°59	25°13	25° 2	14♍12	9°D25	9°22	17° 5	9°23	W 2
T 3	12 47 18	13°33'31	29°26	16°33	27°18	1°24	22°49	4° 3	25°16	25° 4	14°11	9♈25	9°19	17°12	9°26	T 3
F 4	12 51 14	14°33'20	11♒58	17°18	28°14	1° 4	23° 4	4° 7	25°18	25° 5	14°10	9°25	9°16	17°18	9°29	F 4
S 5	12 55 11	15°33'07	24°15	18° 6	29°10	0°45	23°18	4°11	25°21	25° 7	14° 9	9°26	9°13	17°25	9°33	S 5
S 6	12 59 8	16°32'53	6♓20	18°57	0♓ 7	0°24	23°33	4°15	25°24	25° 9	14° 7	9°27	9°10	17°32	9°36	S 6
M 7	13 3 4	17°32'37	18°16	19°52	1° 4	0° 4	23°47	4°18	25°27	25°11	14° 6	9°28	9° 7	17°38	9°39	M 7
T 8	13 7 1	18°32'19	0♈ 7	20°50	2° 2	29♎42	24° 2	4°22	25°30	25°13	14° 5	9°28	9° 3	17°45	9°41	T 8
W 9	13 10 57	19°31'59	11°55	21°50	3° 0	29°21	24°16	4°25	25°33	25°15	14° 4	9°R28	9° 0	17°52	9°44	W 9
T 10	13 14 54	20°31'37	23°42	22°53	3°59	28°59	24°31	4°28	25°36	25°17	14° 3	9°28	8°57	17°58	9°47	T 10
F 11	13 18 50	21°31'13	5♉30	23°58	4°58	28°37	24°45	4°32	25°39	25°19	14° 2	9°27	8°54	18° 5	9°50	F 11
S 12	13 22 47	22°30'47	17°23	25° 6	5°57	28°14	25° 0	4°35	25°42	25°20	14° 0	9°25	8°51	18°11	9°52	S 12
S 13	13 26 43	23°30'19	29°21	26°16	6°57	27°51	25°14	4°38	25°45	25°22	13°59	9°23	8°48	18°18	9°55	S 13
M14	13 30 40	24°29'49	11♊28	27°28	7°57	27°28	25°29	4°41	25°48	25°24	13°58	9°21	8°44	18°25	9°58	M14
T 15	13 34 36	25°29'18	23°46	28°42	8°57	27° 5	25°43	4°44	25°51	25°26	13°57	9°19	8°41	18°31	10° 0	T 15
W16	13 38 33	26°28'43	6♋18	29°58	9°58	26°42	25°58	4°46	25°54	25°28	13°56	9°17	8°38	18°38	10° 2	W16
T 17	13 42 30	27°28'07	19° 7	1♈16	10°59	26°18	26°13	4°49	25°57	25°31	13°55	9°16	8°35	18°45	10° 5	T 17
F 18	13 46 26	28°27'28	2♌17	2°36	12° 1	25°55	26°27	4°52	26° 0	25°33	13°54	9°D16	8°32	18°51	10° 7	F 18
S 19	13 50 23	29°26'47	15°50	3°57	13° 3	25°31	26°42	4°54	26° 3	25°35	13°53	9°16	8°28	18°58	10° 9	S 19
S 20	13 54 19	0♉26'04	29°48	5°21	14° 5	25° 8	26°56	4°56	26° 7	25°37	13°52	9°18	8°25	19° 5	10°11	S 20
M21	13 58 16	1°25'18	14♍10	6°46	15° 7	24°45	27°11	4°59	26°10	25°39	13°51	9°19	8°22	19°11	10°13	M21
T 22	14 2 12	2°24'30	28°55	8°12	16°10	24°22	27°25	5° 1	26°13	25°41	13°50	9°20	8°19	19°18	10°15	T 22
W23	14 6 9	3°23'40	13♎56	9°40	17°13	23°59	27°40	5° 3	26°16	25°43	13°50	9°R20	8°16	19°25	10°17	W23
T 24	14 10 5	4°22'48	29° 7	11°10	18°16	23°37	27°54	5° 5	26°19	25°45	13°49	9°19	8°13	19°31	10°19	T 24
F 25	14 14 2	5°21'54	14♏18	12°41	19°19	23°14	28° 9	5° 7	26°23	25°47	13°48	9°17	8° 9	19°38	10°20	F 25
S 26	14 17 59	6°20'58	29°20	14°14	20°23	22°52	28°23	5° 9	26°26	25°49	13°47	9°14	8° 6	19°45	10°22	S 26
S 27	14 21 55	7°20'01	14♐ 3	15°49	21°27	22°31	28°38	5°11	26°29	25°52	13°46	9°10	8° 3	19°51	10°24	S 27
M28	14 25 52	8°19'01	28°21	17°25	22°31	22° 9	28°52	5°12	26°33	25°54	13°45	9° 6	8° 0	19°58	10°25	M28
T 29	14 29 48	9°18'00	12♑11	19° 2	23°36	21°49	29° 7	5°14	26°36	25°56	13°45	9° 2	7°57	20° 4	10°26	T 29
W30	14 33 45	10♉16'57	25♑33	20♈42	24♓40	21♎28	29♈21	5♒15	26♉39	25♉58	13♍44	9♈ 0	7♈54	20♈11	10♒28	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n33	28s31	5s16	5s52	0s 6	10s28	2n38	9s28	2n47	7n41	1s 2	18s56	0n13	18n39	0s18	17n19	1s37	16n24	11n 6	3n43	3n43	7n15	10s51	7n12
W 2	4 56	27 29	5 15	5 49	0 18	10 17	2 30	9 23	2 47	7 46	1 2	18 55	0 13	18 39	0 18	17 20	1 37	16 24	11 6	3 42	3 42	7 19	10 50	7 12
T 3	5 19	25 1	4 59	5 44	0 29	10 5	2 23	9 17	2 46	7 52	1 2	18 54	0 13	18 40	0 18	17 20	1 37	16 25	11 6	3 43	3 40	7 22	10 49	7 13
F 4	5 42	21 23	4 28	5 36	0 40	9 53	2 16	9 11	2 45	7 57	1 2	18 53	0 13	18 41	0 18	17 21	1 37	16 25	11 6	3 43	3 39	7 25	10 47	7 13
S 5	6 5	16 54	3 46	5 27	0 51	9 40	2 9	9 6	2 44	8 2	1 2	18 53	0 13	18 41	0 18	17 21	1 37	16 25	11 6	3 43	3 38	7 29	10 46	7 14
S 6	6 28	11 50	2 54	5 16	1 1	9 27	2 2	8 59	2 43	8 8	1 2	18 52	0 13	18 42	0 18	17 22	1 37	16 26	11 6	3 43	3 37	7 32	10 45	7 14
M 7	6 51	6 23	1 55	5 4	1 10	9 14	1 55	8 53	2 42	8 13	1 2	18 51	0 13	18 43	0 18	17 22	1 37	16 26	11 5	3 44	3 35	7 35	10 44	7 15
T 8	7 13	0 45	0 52	4 50	1 19	9 0	1 48	8 47	2 41	8 18	1 2	18 50	0 13	18 43	0 18	17 23	1 37	16 27	11 5	3 44	3 34	7 39	10 42	7 15
W 9	7 36	4n53	0n14	4 34	1 27	8 46	1 41	8 40	2 40	8 24	1 2	18 49	0 13	18 44	0 18	17 23	1 37	16 27	11 5	3 44	3 33	7 42	10 41	7 16
T 10	7 58	10 21	1 18	4 16	1 35	8 31	1 34	8 34	2 39	8 29	1 2	18 49	0 13	18 45	0 18	17 24	1 37	16 27	11 5	3 44	3 32	7 45	10 40	7 16
F 11	8 20	15 28	2 19	3 57	1 43	8 16	1 28	8 27	2 37	8 34	1 2	18 48	0 13	18 46	0 18	17 24	1 37	16 28	11 5	3 43	3 30	7 49	10 39	7 17
S 12	8 42	20 2	3 15	3 37	1 50	8 1	1 21	8 21	2 36	8 39	1 2	18 47	0 13	18 46	0 18	17 25	1 37	16 28	11 5	3 43	3 29	7 52	10 38	7 17
S 13	9 4	23 50	4 2	3 15	1 56	7 45	1 15	8 14	2 35	8 45	1 2	18 47	0 13	18 47	0 18	17 25	1 37	16 28	11 5	3 42	3 28	7 55	10 37	7 18
M14	9 26	26 38	4 40	2 52	2 2	7 29	1 8	8 7	2 33	8 50	1 2	18 46	0 13	18 48	0 18	17 26	1 37	16 28	11 5	3 41	3 27	7 59	10 35	7 18
T 15	9 48	28 13	5 5	2 28	2 7	7 12	1 2	8 1	2 31	8 55	1 2	18 45	0 13	18 48	0 18	17 26	1 37	16 29	11 4	3 40	3 25	8 2	10 34	7 19
W16	10 9	28 24	5 16	2 2	2 12	6 55	0 56	7 54	2 30	9 1	1 2	18 45	0 13	18 49	0 18	17 27	1 37	16 29	11 4	3 39	3 24	8 5	10 33	7 19
T 17	10 30	27 4	5 11	1 35	2 16	6 38	0 50	7 47	2 28	9 6	1 2	18 44	0 13	18 50	0 18	17 27	1 37	16 29	11 4	3 39	3 23	8 9	10 32	7 20
F 18	10 52	24 15	4 51	1 7	2 20	6 20	0 43	7 40	2 26	9 11	1 2	18 44	0 12	18 51	0 18	17 28	1 37	16 30	11 4	3 39	3 22	8 12	10 31	7 20
S 19	11 12	20 2	4 14	0 38	2 24	6 3	0 38	7 34	2 24	9 16	1 2	18 43	0 12	18 51	0 18	17 28	1 37	16 30	11 4	3 39	3 20	8 15	10 30	7 21
S 20	11 33	14 37	3 21	0 8	2 27	5 44	0 32	7 27	2 23	9 21	1 2	18 43	0 12	18 52	0 18	17 29	1 36	16 30	11 4	3 40	3 19	8 18	10 29	7 22
M21	11 54	8 16	2 14	0n23	2 29	5 26	0 26	7 21	2 21	9 27	1 2	18 42	0 12	18 53	0 18	17 29	1 36	16 30	11 3	3 40	3 18	8 22	10 28	7 22
T 22	12 14	1 18	0 57	0 55	2 31	5 7	0 20	7 14	2 19	9 32	1 2	18 42	0 12	18 54	0 18	17 30	1 36	16 30	11 3	3 41	3 17	8 25	10 27	7 23
W23	12 34	5s51	0s25	1 28	2 32	4 48	0 15	7 8	2 16	9 37	1 2	18 41	0 12	18 54	0 18	17 30	1 36	16 31	11 3	3 41	3 15	8 28	10 26	7 23
T 24	12 54	12 45	1 47	2 2	2 33	4 28	0 9	7 2	2 14	9 42	1 2	18 41	0 12	18 55	0 18	17 31	1 36	16 31	11 3	3 40	3 14	8 32	10 25	7 24
F 25	13 14	18 54	3 1	2 37	2 34	4 8	0 4	6 55	2 12	9 47	1 2	18 40	0 12	18 56	0 18	17 31	1 36	16 31	11 3	3 39	3 13	8 35	10 24	7 24
S 26	13 33	23 48	4 1	3 13	2 34	3 48	0s 1	6 49	2 10	9 52	1 2	18 40	0 12	18 57	0 18	17 32	1 36	16 31	11 3	3 38	3 12	8 38	10 23	7 25
S 27	13 52	27 3	4 44	3 50	2 33	3 28	0 6	6 44	2 8	9 57	1 2	18 40	0 12	18 58	0 18	17 32	1 36	16 31	11 2	3 37	3 10	8 42	10 22	7 25
M28	14 11	28 25	5 8	4 27	2 32	3 8	0 12	6 38	2 5	10 2	1 2	18 39	0 12	18 58	0 18	17 33	1 36	16 31	11 2	3 35	3 9	8 45	10 21	7 26
T 29	14 30	27 56	5 13	5 5	2 30	2 47	0 16	6 32	2 3	10 7	1 2	18 39	0 12	18 59	0 18	17 33	1 36	16 31	11 2	3 34	3 8	8 48	10 20	7 27
W30	14n49	25s49	5s 1	5n44	2s28	2s26	0s21	6s27	2n 1	10n13	1s 2	18s39	0n12	19n 0	0s18	17n34	1s36	16n31	11n 2	3n33	3n 7	8n52	10s19	7n27

Julian Day Number = 2888830.5, Delta T = 01h18m20s
Ecliptic obliquity = 23°17'13, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°30'28, Lahiri = 40°37'28

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ASTRODIENST EPHEMERIS for the year 3197
geocentric

MAY 3197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 37 41	11♉15'53	8♒29	22♈22	25♓45	21°R 8	29♈35	5♒17	26♉43	26♉ 0	13°R43	8°D59	7♈50	20♈18	10♒29	T 1
F 2	14 41 38	12°14'46	21° 1	24° 4	26°50	20♎49	29°50	5°18	26°46	26° 3	13♍43	8♈59	7°47	20°24	10°30	F 2
S 3	14 45 34	13°13'38	3♓15	25°48	27°55	20°30	0♉ 4	5°19	26°49	26° 5	13°42	9° 0	7°44	20°31	10°31	S 3
S 4	14 49 31	14°12'28	15°15	27°33	29° 1	20°12	0°18	5°20	26°53	26° 7	13°41	9° 2	7°41	20°38	10°32	S 4
M 5	14 53 28	15°11'17	27° 7	29°20	0♈ 7	19°55	0°33	5°21	26°56	26° 9	13°41	9° 4	7°38	20°44	10°33	M 5
T 6	14 57 24	16°10'04	8♈54	1♉ 9	1°12	19°38	0°47	5°22	27° 0	26°12	13°40	9°R 4	7°34	20°51	10°34	T 6
W 7	15 1 21	17° 8'49	20°40	2°59	2°18	19°22	1° 1	5°23	27° 3	26°14	13°40	9° 4	7°31	20°58	10°35	W 7
T 8	15 5 17	18° 7'32	2♉28	4°50	3°24	19° 6	1°16	5°24	27° 6	26°16	13°39	9° 1	7°28	21° 4	10°36	T 8
F 9	15 9 14	19° 6'14	14°22	6°44	4°31	18°51	1°30	5°24	27°10	26°18	13°39	8°57	7°25	21°11	10°36	F 9
S 10	15 13 10	20° 4'53	26°22	8°38	5°37	18°37	1°44	5°25	27°13	26°21	13°38	8°50	7°22	21°18	10°37	S 10
S 11	15 17 7	21° 3'31	8♊32	10°35	6°44	18°24	1°58	5°25	27°17	26°23	13°38	8°43	7°19	21°24	10°37	S 11
M12	15 21 3	22° 2'07	20°51	12°33	7°51	18°11	2°12	5°25	27°20	26°25	13°38	8°35	7°15	21°31	10°38	M12
T 13	15 25 0	23° 0'41	3♋20	14°32	8°58	17°59	2°26	5°25	27°24	26°27	13°37	8°27	7°12	21°38	10°38	T 13
W14	15 28 57	23°59'13	16° 3	16°34	10° 5	17°48	2°40	5°R25	27°27	26°30	13°37	8°20	7° 9	21°44	10°38	W14
T 15	15 32 53	24°57'43	28°59	18°36	11°12	17°38	2°54	5°25	27°30	26°32	13°37	8°16	7° 6	21°51	10°38	T 15
F 16	15 36 50	25°56'11	12♌10	20°40	12°19	17°29	3° 8	5°25	27°34	26°34	13°36	8°13	7° 3	21°58	10°38	F 16
S 17	15 40 46	26°54'37	25°39	22°45	13°27	17°20	3°22	5°25	27°37	26°36	13°36	8°D12	7° 0	22° 4	10°R38	S 17
S 18	15 44 43	27°53'00	9♍27	24°52	14°34	17°12	3°36	5°25	27°41	26°39	13°36	8°12	6°56	22°11	10°38	S 18
M19	15 48 39	28°51'22	23°34	26°59	15°42	17° 5	3°50	5°24	27°44	26°41	13°36	8°13	6°53	22°17	10°38	M19
T 20	15 52 36	29°49'41	8♎ 0	29° 8	16°49	16°59	4° 4	5°24	27°48	26°43	13°35	8°R14	6°50	22°24	10°38	T 20
W21	15 56 32	0♊47'58	22°42	1♊17	17°57	16°53	4°18	5°23	27°51	26°45	13°35	8°13	6°47	22°31	10°38	W21
T 22	16 0 29	1°46'14	7♏36	3°27	19° 5	16°48	4°31	5°23	27°55	26°48	13°35	8°10	6°44	22°37	10°37	T 22
F 23	16 4 26	2°44'28	22°35	5°37	20°13	16°44	4°45	5°22	27°58	26°50	13°35	8° 5	6°40	22°44	10°37	F 23
S 24	16 8 22	3°42'40	7♐29	7°47	21°22	16°41	4°59	5°21	28° 1	26°52	13°35	7°57	6°37	22°51	10°36	S 24
S 25	16 12 19	4°40'50	22° 9	9°56	22°30	16°39	5°12	5°20	28° 5	26°54	13°D35	7°49	6°34	22°57	10°36	S 25
M26	16 16 15	5°38'59	6♑30	12° 6	23°38	16°37	5°26	5°19	28° 8	26°57	13°35	7°40	6°31	23° 4	10°35	M26
T 27	16 20 12	6°37'06	20°24	14°14	24°47	16°36	5°39	5°18	28°12	26°59	13°35	7°32	6°28	23°11	10°34	T 27
W28	16 24 8	7°35'12	3♒52	16°21	25°56	16°D36	5°53	5°16	28°15	27° 1	13°35	7°25	6°25	23°17	10°34	W28
T 29	16 28 5	8°33'17	16°51	18°27	27° 4	16°37	6° 6	5°15	28°19	27° 3	13°35	7°21	6°21	23°24	10°33	T 29
F 30	16 32 2	9°31'20	29°27	20°31	28°13	16°38	6°19	5°14	28°22	27° 6	13°35	7°18	6°18	23°31	10°32	F 30
S 31	16 35 58	10♊29'22	11♓43	22♊33	29♈22	16♎41	6♉33	5♒12	28♉25	27♉ 8	13♍36	7°D18	6♈15	23♈37	10♒31	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 7	22s25	4s33	6n24	2s26	2s 5	0s26	6s22	1n58	10n18	1s 2	18s38	0n12	19n 1	0s18	17n34	1s36	16n32	11n 2	3n32	3n 5	8n55	10s18	7n28
F 2	15 25	18 5	3 53	7 4	2 23	1 43	0 31	6 17	1 56	10 23	1 2	18 38	0 12	19 1	0 18	17 35	1 36	16 32	11 1	3 32	3 4	8 58	10 17	7 28
S 3	15 43	13 6	3 3	7 45	2 19	1 22	0 35	6 12	1 53	10 28	1 2	18 38	0 12	19 2	0 18	17 35	1 36	16 32	11 1	3 33	3 3	9 1	10 16	7 29
S 4	16 0	7 43	2 7	8 26	2 15	1 0	0 40	6 8	1 51	10 32	1 2	18 38	0 12	19 3	0 18	17 36	1 36	16 32	11 1	3 34	3 2	9 5	10 16	7 29
M 5	16 17	2 8	1 5	9 8	2 11	0 38	0 44	6 4	1 49	10 37	1 2	18 37	0 12	19 4	0 18	17 37	1 36	16 32	11 1	3 34	3 0	9 8	10 15	7 30
T 6	16 34	3n29	0 1	9 50	2 6	0 15	0 48	6 0	1 46	10 42	1 2	18 37	0 11	19 5	0 18	17 37	1 36	16 32	11 1	3 34	2 59	9 11	10 14	7 31
W 7	16 51	8 59	1n 3	10 33	2 0	0n 7	0 52	5 56	1 44	10 47	1 2	18 37	0 11	19 5	0 18	17 38	1 36	16 32	11 0	3 34	2 58	9 15	10 13	7 31
T 8	17 7	14 12	2 4	11 15	1 54	0 29	0 56	5 52	1 41	10 52	1 2	18 37	0 11	19 6	0 18	17 38	1 36	16 32	11 0	3 33	2 57	9 18	10 13	7 32
F 9	17 23	18 55	3 0	11 59	1 48	0 52	1 0	5 49	1 39	10 57	1 2	18 37	0 11	19 7	0 18	17 39	1 36	16 32	11 0	3 31	2 55	9 21	10 12	7 32
S 10	17 39	22 55	3 49	12 42	1 41	1 15	1 4	5 46	1 36	11 2	1 2	18 37	0 11	19 8	0 17	17 39	1 36	16 32	11 0	3 29	2 54	9 24	10 11	7 33
S 11	17 54	25 59	4 27	13 25	1 33	1 38	1 7	5 43	1 33	11 7	1 2	18 37	0 11	19 9	0 17	17 40	1 36	16 32	10 59	3 26	2 53	9 28	10 10	7 33
M12	18 10	27 52	4 54	14 9	1 26	2 1	1 11	5 41	1 31	11 11	1 2	18 37	0 11	19 9	0 17	17 40	1 36	16 32	10 59	3 23	2 52	9 31	10 10	7 34
T 13	18 24	28 22	5 7	14 52	1 17	2 24	1 14	5 39	1 28	11 16	1 2	18 37	0 11	19 10	0 17	17 41	1 36	16 32	10 59	3 20	2 50	9 34	10 9	7 35
W14	18 39	27 23	5 6	15 35	1 9	2 47	1 17	5 37	1 26	11 21	1 2	18 37	0 11	19 11	0 17	17 41	1 36	16 31	10 59	3 17	2 49	9 37	10 9	7 35
T 15	18 53	24 56	4 49	16 18	1 0	3 10	1 21	5 35	1 23	11 26	1 2	18 37	0 11	19 12	0 17	17 42	1 36	16 31	10 59	3 15	2 48	9 41	10 8	7 36
F 16	19 7	21 8	4 16	17 0	0 50	3 33	1 24	5 34	1 21	11 30	1 2	18 37	0 11	19 12	0 17	17 42	1 36	16 31	10 58	3 14	2 47	9 44	10 7	7 36
S 17	19 21	16 10	3 29	17 41	0 41	3 56	1 27	5 33	1 18	11 35	1 2	18 37	0 11	19 13	0 17	17 43	1 36	16 31	10 58	3 14	2 45	9 47	10 7	7 37
S 18	19 34	10 17	2 29	18 22	0 31	4 20	1 30	5 32	1 16	11 39	1 2	18 37	0 11	19 14	0 17	17 43	1 36	16 31	10 58	3 14	2 44	9 51	10 6	7 37
M19	19 47	3 44	1 18	19 2	0 20	4 43	1 32	5 32	1 14	11 44	1 3	18 38	0 11	19 15	0 17	17 44	1 36	16 31	10 58	3 14	2 43	9 54	10 6	7 38
T 20	19 59	3s 8	0 1	19 40	0 10	5 6	1 35	5 32	1 11	11 49	1 3	18 38	0 11	19 16	0 17	17 44	1 36	16 31	10 57	3 15	2 42	9 57	10 5	7 39
W21	20 11	9 58	1s17	20 18	0n 0	5 30	1 37	5 32	1 9	11 53	1 3	18 38	0 11	19 16	0 17	17 45	1 36	16 30	10 57	3 14	2 41	10 0	10 5	7 39
T 22	20 23	16 21	2 31	20 53	0 11	5 53	1 40	5 33	1 6	11 58	1 3	18 38	0 10	19 17	0 17	17 45	1 36	16 30	10 57	3 13	2 39	10 4	10 4	7 40
F 23	20 34	21 46	3 35	21 27	0 22	6 17	1 42	5 33	1 4	12 2	1 3	18 38	0 10	19 18	0 17	17 46	1 36	16 30	10 57	3 11	2 38	10 7	10 4	7 40
S 24	20 46	25 45	4 24	22 0	0 32	6 40	1 44	5 34	1 2	12 7	1 3	18 39	0 10	19 19	0 17	17 46	1 36	16 30	10 56	3 8	2 37	10 10	10 4	7 41
S 25	20 56	27 57	4 54	22 30	0 42	7 3	1 46	5 35	0 59	12 11	1 3	18 39	0 10	19 19	0 17	17 47	1 36	16 30	10 56	3 5	2 36	10 13	10 3	7 41
M26	21 7	28 13	5 5	22 58	0 52	7 26	1 48	5 37	0 57	12 15	1 3	18 39	0 10	19 20	0 17	17 47	1 36	16 29	10 56	3 1	2 34	10 17	10 3	7 42
T 27	21 17	26 39	4 58	23 23	1 2	7 50	1 50	5 39	0 55	12 20	1 3	18 40	0 10	19 21	0 17	17 48	1 36	16 29	10 56	2 58	2 33	10 20	10 3	7 42
W28	21 26	23 36	4 34	23 47	1 11	8 13	1 52	5 41	0 52	12 24	1 3	18 40	0 10	19 22	0 17	17 48	1 36	16 29	10 55	2 56	2 32	10 23	10 2	7 43
T 29	21 35	19 26	3 56	24 7	1 20	8 36	1 54	5 43	0 50	12 28	1 3	18 40	0 10	19 23	0 17	17 49	1 36	16 29	10 55	2 54	2 31	10 26	10 2	7 44
F 30	21 44	14 32	3 8	24 25	1 29	8 59	1 55	5 46	0 48	12 33	1 3	18 41	0 10	19 23	0 17	17 49	1 36	16 28	10 55	2 53	2 29	10 30	10 2	7 44
S 31	21n53	9s10	2s12	24n41	1n36	9n22	1s57	5s49	0n46	12n37	1s 3	18s41	0n10	19n24	0s17	17n50	1s36	16n28	10n55	2n53	2n28	10n33	10s 1	7n45

Julian Day Number = 2888860.5, Delta T = 01h18m21s
Ecliptic obliquity = 23°17'13, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°30'32, Lahiri = 40°37'33

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ASTRODIENST EPHEMERIS for the year 3197
geocentric

JUNE 3197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 39 55	11♊27'23	23♓43	24♊34	0♉31	16♎43	6♉46	5°R10	28♉29	27♉10	13♍36	7♈18	6♈12	23♈44	10°R29	S 1
M 2	16 43 51	12°25'22	5♈34	26°31	1°40	16°47	6°59	5♒ 9	28°32	27°12	13°36	7°R19	6° 9	23°51	10♒28	M 2
T 3	16 47 48	13°23'20	17°21	28°26	2°49	16°51	7°12	5° 7	28°36	27°14	13°36	7°18	6° 5	23°57	10°27	T 3
W 4	16 51 44	14°21'17	29° 9	0♋19	3°58	16°56	7°25	5° 5	28°39	27°17	13°37	7°16	6° 2	24° 4	10°26	W 4
T 5	16 55 41	15°19'12	11♉ 1	2° 8	5° 8	17° 2	7°38	5° 3	28°42	27°19	13°37	7°11	5°59	24°11	10°24	T 5
F 6	16 59 37	16°17'07	23° 1	3°55	6°17	17° 8	7°51	5° 1	28°46	27°21	13°37	7° 4	5°56	24°17	10°23	F 6
S 7	17 3 34	17°15'00	5♊12	5°39	7°27	17°15	8° 4	4°59	28°49	27°23	13°38	6°54	5°53	24°24	10°21	S 7
S 8	17 7 31	18°12'51	17°35	7°19	8°36	17°23	8°17	4°56	28°52	27°25	13°38	6°42	5°50	24°30	10°20	S 8
M 9	17 11 27	19°10'42	0♋10	8°56	9°46	17°31	8°29	4°54	28°56	27°27	13°38	6°30	5°46	24°37	10°18	M 9
T 10	17 15 24	20° 8'31	12°58	10°30	10°55	17°40	8°42	4°52	28°59	27°30	13°39	6°18	5°43	24°44	10°16	T 10
W11	17 19 20	21° 6'19	25°59	12° 1	12° 5	17°50	8°54	4°49	29° 2	27°32	13°39	6° 7	5°40	24°50	10°14	W11
T 12	17 23 17	22° 4'05	9♌11	13°29	13°15	18° 0	9° 7	4°47	29° 5	27°34	13°40	5°59	5°37	24°57	10°13	T 12
F 13	17 27 13	23° 1'49	22°34	14°53	14°25	18°11	9°19	4°44	29° 9	27°36	13°40	5°53	5°34	25° 4	10°11	F 13
S 14	17 31 10	23°59'32	6♍ 9	16°13	15°35	18°22	9°32	4°41	29°12	27°38	13°41	5°50	5°31	25°10	10° 9	S 14
S 15	17 35 6	24°57'14	19°56	17°31	16°44	18°34	9°44	4°38	29°15	27°40	13°42	5°49	5°27	25°17	10° 7	S 15
M16	17 39 3	25°54'54	3♎56	18°44	17°54	18°47	9°56	4°35	29°18	27°42	13°42	5°49	5°24	25°24	10° 4	M16
T 17	17 43 0	26°52'32	18° 8	19°54	19° 5	19° 0	10° 8	4°32	29°21	27°44	13°43	5°49	5°21	25°30	10° 2	T 17
W18	17 46 56	27°50'09	2♏31	21° 1	20°15	19°14	10°20	4°29	29°24	27°46	13°43	5°47	5°18	25°37	10° 0	W18
T 19	17 50 53	28°47'45	17° 2	22° 4	21°25	19°28	10°32	4°26	29°28	27°48	13°44	5°43	5°15	25°44	9°58	T 19
F 20	17 54 49	29°45'20	1♐37	23° 3	22°35	19°42	10°44	4°23	29°31	27°50	13°45	5°36	5°11	25°50	9°55	F 20
S 21	17 58 46	0♋42'53	16°10	23°58	23°45	19°58	10°56	4°20	29°34	27°52	13°46	5°26	5° 8	25°57	9°53	S 21
S 22	18 2 42	1°40'25	0♑34	24°50	24°56	20°13	11° 8	4°17	29°37	27°54	13°46	5°15	5° 5	26° 4	9°50	S 22
M23	18 6 39	2°37'57	14°42	25°37	26° 6	20°30	11°19	4°13	29°40	27°56	13°47	5° 3	5° 2	26°10	9°48	M23
T 24	18 10 36	3°35'27	28°29	26°20	27°16	20°46	11°31	4°10	29°43	27°58	13°48	4°52	4°59	26°17	9°45	T 24
W25	18 14 32	4°32'56	11♒52	27° 0	28°27	21° 4	11°42	4° 6	29°46	28° 0	13°49	4°43	4°56	26°24	9°43	W25
T 26	18 18 29	5°30'25	24°51	27°35	29°38	21°21	11°54	4° 3	29°49	28° 2	13°50	4°36	4°52	26°30	9°40	T 26
F 27	18 22 25	6°27'53	7♓28	28° 5	0♊48	21°39	12° 5	3°59	29°52	28° 4	13°51	4°32	4°49	26°37	9°37	F 27
S 28	18 26 22	7°25'20	19°45	28°32	1°59	21°58	12°16	3°55	29°55	28° 6	13°52	4°30	4°46	26°44	9°34	S 28
S 29	18 30 18	8°22'47	1♈47	28°53	3° 9	22°17	12°27	3°52	29°58	28° 7	13°53	4°30	4°43	26°50	9°32	S 29
M30	18 34 15	9♋20'13	13♈39	29♋11	4♊20	22♎36	12♉38	3♒48	0♊ 0	28♉ 9	13♍54	4♈30	4♈40	26♈57	9♒29	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 1	3s35	1s12	24n54	1n44	9n44	1s58	5s52	0n44	12n41	1s 3	18s42	0n10	19n25	0s17	17n50	1s36	16n28	10n54	2n53	2n27	10n36	10s 1	7n45
M 2	22 8	2n 4	0 9	25 4	1 50	10 7	1 59	5 55	0 41	12 45	1 3	18 42	0 10	19 26	0 17	17 51	1 36	16 27	10 54	2 53	2 26	10 39	10 1	7 46
T 3	22 16	7 36	0n53	25 12	1 56	10 29	2 0	5 59	0 39	12 50	1 4	18 43	0 10	19 26	0 17	17 51	1 36	16 27	10 54	2 53	2 24	10 42	10 1	7 46
W 4	22 23	12 52	1 54	25 18	2 1	10 52	2 1	6 2	0 37	12 54	1 4	18 43	0 10	19 27	0 17	17 52	1 36	16 27	10 54	2 52	2 23	10 46	10 1	7 47
T 5	22 29	17 43	2 49	25 21	2 5	11 14	2 2	6 6	0 35	12 58	1 4	18 44	0 10	19 28	0 17	17 52	1 36	16 26	10 53	2 50	2 22	10 49	10 1	7 47
F 6	22 35	21 55	3 38	25 22	2 8	11 36	2 3	6 11	0 33	13 2	1 4	18 44	0 9	19 28	0 17	17 53	1 36	16 26	10 53	2 47	2 21	10 52	10 0	7 48
S 7	22 41	25 15	4 17	25 21	2 11	11 57	2 4	6 15	0 31	13 6	1 4	18 45	0 9	19 29	0 17	17 53	1 36	16 26	10 53	2 43	2 19	10 55	10 0	7 48
S 8	22 46	27 26	4 45	25 18	2 13	12 19	2 4	6 20	0 29	13 10	1 4	18 46	0 9	19 30	0 17	17 54	1 36	16 25	10 53	2 39	2 18	10 59	10 0	7 49
M 9	22 51	28 17	5 0	25 12	2 13	12 40	2 5	6 25	0 27	13 14	1 4	18 46	0 9	19 31	0 17	17 54	1 36	16 25	10 52	2 34	2 17	11 2	10 0	7 49
T 10	22 55	27 37	4 59	25 5	2 13	13 2	2 5	6 30	0 25	13 18	1 4	18 47	0 9	19 31	0 17	17 55	1 36	16 25	10 52	2 29	2 16	11 5	10 0	7 50
W11	22 59	25 28	4 44	24 57	2 13	13 22	2 5	6 35	0 23	13 22	1 4	18 47	0 9	19 32	0 17	17 55	1 36	16 24	10 52	2 25	2 14	11 8	10 0	7 50
T 12	23 3	21 55	4 13	24 47	2 11	13 43	2 6	6 41	0 22	13 25	1 4	18 48	0 9	19 33	0 17	17 55	1 36	16 24	10 52	2 22	2 13	11 11	10 0	7 51
F 13	23 6	17 11	3 28	24 35	2 8	14 3	2 6	6 47	0 20	13 29	1 5	18 49	0 9	19 33	0 17	17 56	1 36	16 23	10 51	2 19	2 12	11 15	10 0	7 51
S 14	23 9	11 31	2 30	24 23	2 5	14 24	2 6	6 53	0 18	13 33	1 5	18 50	0 9	19 34	0 17	17 56	1 36	16 23	10 51	2 18	2 11	11 18	10 1	7 51
S 15	23 11	5 14	1 23	24 9	2 1	14 43	2 6	6 59	0 16	13 37	1 5	18 50	0 9	19 35	0 17	17 57	1 36	16 22	10 51	2 18	2 9	11 21	10 1	7 52
M16	23 13	1s24	0 10	23 54	1 56	15 3	2 5	7 5	0 14	13 40	1 5	18 51	0 9	19 36	0 17	17 57	1 36	16 22	10 51	2 18	2 8	11 24	10 1	7 52
T 17	23 15	8 4	1s 5	23 38	1 50	15 22	2 5	7 12	0 13	13 44	1 5	18 52	0 9	19 36	0 17	17 58	1 37	16 22	10 50	2 18	2 7	11 27	10 1	7 53
W18	23 16	14 24	2 16	23 21	1 43	15 41	2 5	7 19	0 11	13 48	1 5	18 53	0 9	19 37	0 17	17 58	1 37	16 21	10 50	2 17	2 6	11 31	10 1	7 53
T 19	23 17	20 0	3 19	23 4	1 35	16 0	2 4	7 26	0 9	13 51	1 5	18 53	0 8	19 38	0 17	17 59	1 37	16 21	10 50	2 15	2 4	11 34	10 1	7 54
F 20	23 17	24 26	4 10	22 46	1 27	16 18	2 4	7 33	0 7	13 55	1 5	18 54	0 8	19 38	0 17	17 59	1 37	16 20	10 50	2 13	2 3	11 37	10 1	7 54
S 21	23 17	27 17	4 44	22 27	1 18	16 36	2 3	7 40	0 6	13 58	1 5	18 55	0 8	19 39	0 17	17 59	1 37	16 20	10 49	2 9	2 2	11 40	10 2	7 54
S 22	23 17	28 17	4 59	22 8	1 8	16 54	2 3	7 47	0 4	14 2	1 6	18 56	0 8	19 39	0 17	18 0	1 37	16 19	10 49	2 4	2 1	11 43	10 2	7 55
M23	23 16	27 23	4 56	21 49	0 57	17 11	2 2	7 55	0 3	14 5	1 6	18 57	0 8	19 40	0 17	18 0	1 37	16 18	10 49	2 0	1 59	11 47	10 2	7 55
T 24	23 14	24 50	4 36	21 30	0 45	17 28	2 1	8 3	0 1	14 9	1 6	18 58	0 8	19 41	0 17	18 1	1 37	16 18	10 49	1 55	1 58	11 50	10 3	7 56
W25	23 13	20 58	4 0	21 10	0 33	17 44	2 0	8 10	0s 0	14 12	1 6	18 59	0 8	19 41	0 17	18 1	1 37	16 17	10 49	1 52	1 57	11 53	10 3	7 56
T 26	23 10	16 11	3 13	20 51	0 20	18 0	1 59	8 18	0 2	14 15	1 6	19 0	0 8	19 42	0 17	18 1	1 37	16 17	10 48	1 49	1 55	11 56	10 3	7 56
F 27	23 8	10 51	2 18	20 31	0 7	18 16	1 58	8 27	0 3	14 19	1 6	19 0	0 8	19 43	0 17	18 2	1 37	16 16	10 48	1 48	1 54	11 59	10 4	7 57
S 28	23 5	5 13	1 17	20 12	0s 7	18 31	1 57	8 35	0 5	14 22	1 6	19 1	0 8	19 43	0 17	18 2	1 37	16 16	10 48	1 47	1 53	12 2	10 4	7 57
S 29	23 1	0n29	0 14	19 53	0 22	18 46	1 55	8 43	0 6	14 25	1 6	19 2	0 8	19 44	0 17	18 2	1 37	16 15	10 48	1 47	1 52	12 6	10 4	7 57
M30	22n58	6n 6	0n48	19n35	0s38	19n 0	1s54	8s52	0s 8	14n28	1s 7	19s 3	0n 8	19n44	0s17	18n 3	1s37	16n15	10n47	1n47	1n50	12n 9	10s 5	7n58

Julian Day Number = 2888891.5, Delta T = 01h18m22s
Ecliptic obliquity = 23°17'13, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°30'36, Lahiri = 40°37'37

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ASTRODIENST EPHEMERIS for the year 3197
geocentric

JULY 3197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 38 11	10♋17'39	25♈28	29♋24	5♊31	22♎56	12♉49	3°R44	0♊ 3	28♉11	13♍55	4°R29	4♈37	27♈ 4	9°R26	T 1
W 2	18 42 8	11°15'04	7♉18	29°32	6°42	23°17	13° 0	3♒40	0° 6	28°13	13°56	4♈27	4°33	27°10	9♒23	W 2
T 3	18 46 5	12°12'28	19°14	29°R36	7°53	23°37	13°10	3°36	0° 9	28°15	13°57	4°22	4°30	27°17	9°20	T 3
F 4	18 50 1	13° 9'53	1♊20	29°35	9° 4	23°58	13°21	3°32	0°12	28°16	13°58	4°15	4°27	27°24	9°17	F 4
S 5	18 53 58	14° 7'16	13°40	29°29	10°15	24°20	13°31	3°28	0°14	28°18	13°59	4° 6	4°24	27°30	9°14	S 5
S 6	18 57 54	15° 4'40	26°16	29°20	11°26	24°42	13°42	3°24	0°17	28°20	14° 0	3°54	4°21	27°37	9°11	S 6
M 7	19 1 51	16° 2'03	9♋ 8	29° 6	12°37	25° 4	13°52	3°20	0°20	28°21	14° 1	3°42	4°18	27°44	9° 7	M 7
T 8	19 5 47	16°59'25	22°16	28°48	13°48	25°27	14° 2	3°16	0°22	28°23	14° 2	3°29	4°14	27°50	9° 4	T 8
W 9	19 9 44	17°56'46	5♌38	28°27	14°59	25°50	14°12	3°12	0°25	28°25	14° 4	3°19	4°11	27°57	9° 1	W 9
T 10	19 13 40	18°54'08	19°13	28° 2	16°10	26°13	14°22	3° 8	0°27	28°26	14° 5	3°10	4° 8	28° 3	8°58	T 10
F 11	19 17 37	19°51'28	2♍57	27°34	17°22	26°37	14°32	3° 3	0°30	28°28	14° 6	3° 5	4° 5	28°10	8°54	F 11
S 12	19 21 34	20°48'47	16°49	27° 4	18°33	27° 1	14°41	2°59	0°32	28°29	14° 7	3° 2	4° 2	28°17	8°51	S 12
S 13	19 25 30	21°46'06	0♎47	26°31	19°44	27°25	14°51	2°55	0°35	28°31	14° 9	3°D 1	3°58	28°23	8°48	S 13
M14	19 29 27	22°43'25	14°51	25°57	20°55	27°50	15° 0	2°51	0°37	28°32	14°10	3° 1	3°55	28°30	8°44	M14
T 15	19 33 23	23°40'42	28°58	25°22	22° 7	28°15	15° 9	2°46	0°40	28°34	14°11	3°R 1	3°52	28°37	8°41	T 15
W16	19 37 20	24°37'59	13♏ 9	24°46	23°18	28°40	15°19	2°42	0°42	28°35	14°13	3° 0	3°49	28°43	8°38	W16
T 17	19 41 16	25°35'16	27°22	24°11	24°30	29° 6	15°28	2°37	0°44	28°37	14°14	2°56	3°46	28°50	8°34	T 17
F 18	19 45 13	26°32'32	11♐33	23°37	25°41	29°32	15°37	2°33	0°47	28°38	14°16	2°51	3°43	28°57	8°31	F 18
S 19	19 49 9	27°29'47	25°40	23° 4	26°53	29°58	15°45	2°29	0°49	28°40	14°17	2°42	3°39	29° 3	8°27	S 19
S 20	19 53 6	28°27'02	9♑38	22°32	28° 4	0♏25	15°54	2°24	0°51	28°41	14°18	2°33	3°36	29°10	8°24	S 20
M21	19 57 3	29°24'17	23°23	22° 4	29°16	0°52	16° 3	2°20	0°53	28°42	14°20	2°23	3°33	29°17	8°20	M21
T 22	20 0 59	0♒21'32	6♒52	21°38	0♋28	1°19	16°11	2°15	0°55	28°44	14°21	2°13	3°30	29°23	8°17	T 22
W23	20 4 56	1°18'47	20° 2	21°16	1°39	1°46	16°19	2°11	0°58	28°45	14°23	2° 5	3°27	29°30	8°13	W23
T 24	20 8 52	2°16'01	2♓52	20°58	2°51	2°14	16°27	2° 7	1° 0	28°46	14°24	1°59	3°24	29°37	8°10	T 24
F 25	20 12 49	3°13'16	15°24	20°44	4° 3	2°42	16°35	2° 2	1° 2	28°47	14°26	1°55	3°20	29°43	8° 6	F 25
S 26	20 16 45	4°10'30	27°38	20°35	5°15	3°10	16°43	1°58	1° 4	28°48	14°27	1°D54	3°17	29°50	8° 2	S 26
S 27	20 20 42	5° 7'45	9♈40	20°D30	6°27	3°39	16°51	1°53	1° 5	28°50	14°29	1°54	3°14	29°57	7°59	S 27
M28	20 24 38	6° 5'01	21°33	20°31	7°39	4° 8	16°58	1°49	1° 7	28°51	14°31	1°55	3°11	0♉ 3	7°55	M28
T 29	20 28 35	7° 2'16	3♉23	20°36	8°51	4°37	17° 6	1°44	1° 9	28°52	14°32	1°R56	3° 8	0°10	7°52	T 29
W30	20 32 32	7°59'32	15°14	20°47	10° 3	5° 6	17°13	1°40	1°11	28°53	14°34	1°56	3° 4	0°17	7°48	W30
T 31	20 36 28	8♌56'49	27♉12	21♋ 3	11♋15	5♏35	17♉20	1♒36	1♊13	28♉54	14♍35	1♈54	3♈ 1	0♉23	7♒45	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n53	11n28	1n49	19n17	0s53	19n14	1s53	9s 0	0s 9	14n31	1s 7	19s 4	0n 8	19n45	0s17	18n 3	1s37	16n14	10n47	1n46	1n49	12n12	10s 5	7n58
W 2	22 49	16 27	2 44	18 59	1 10	19 28	1 51	9 9	0 11	14 35	1 7	19 5	0 7	19 46	0 17	18 4	1 37	16 13	10 47	1 45	1 48	12 15	10 6	7 58
T 3	22 44	20 50	3 33	18 42	1 26	19 41	1 50	9 18	0 12	14 38	1 7	19 6	0 7	19 46	0 17	18 4	1 37	16 13	10 47	1 44	1 47	12 18	10 6	7 58
F 4	22 38	24 26	4 13	18 26	1 43	19 53	1 48	9 27	0 13	14 41	1 7	19 7	0 7	19 47	0 17	18 4	1 37	16 12	10 47	1 41	1 45	12 21	10 7	7 59
S 5	22 33	26 58	4 42	18 11	1 59	20 5	1 47	9 36	0 15	14 44	1 7	19 8	0 7	19 47	0 17	18 5	1 37	16 12	10 46	1 37	1 44	12 25	10 7	7 59
S 6	22 26	28 12	4 58	17 56	2 16	20 17	1 45	9 45	0 16	14 46	1 7	19 9	0 7	19 48	0 17	18 5	1 37	16 11	10 46	1 32	1 43	12 28	10 8	7 59
M 7	22 20	27 57	4 59	17 43	2 33	20 28	1 43	9 55	0 17	14 49	1 8	19 10	0 7	19 48	0 17	18 5	1 37	16 10	10 46	1 28	1 42	12 31	10 8	7 59
T 8	22 13	26 9	4 45	17 30	2 49	20 38	1 41	10 4	0 19	14 52	1 8	19 11	0 7	19 49	0 17	18 6	1 37	16 10	10 46	1 23	1 40	12 34	10 9	8 0
W 9	22 6	22 52	4 15	17 19	3 5	20 48	1 39	10 14	0 20	14 55	1 8	19 12	0 7	19 50	0 17	18 6	1 37	16 9	10 46	1 19	1 39	12 37	10 9	8 0
T 10	21 58	18 17	3 30	17 9	3 21	20 58	1 37	10 23	0 21	14 58	1 8	19 13	0 7	19 50	0 17	18 6	1 37	16 8	10 45	1 15	1 38	12 40	10 10	8 0
F 11	21 50	12 43	2 32	17 0	3 35	21 7	1 35	10 33	0 22	15 0	1 8	19 14	0 7	19 51	0 17	18 6	1 37	16 8	10 45	1 13	1 37	12 43	10 11	8 0
S 12	21 41	6 29	1 25	16 52	3 49	21 15	1 33	10 43	0 24	15 3	1 8	19 15	0 7	19 51	0 17	18 7	1 37	16 7	10 45	1 12	1 35	12 47	10 11	8 1
S 13	21 32	0s 8	0 12	16 45	4 2	21 23	1 31	10 52	0 25	15 6	1 9	19 17	0 7	19 52	0 17	18 7	1 37	16 6	10 45	1 11	1 34	12 50	10 12	8 1
M14	21 23	6 47	1s 2	16 40	4 14	21 30	1 29	11 2	0 26	15 8	1 9	19 18	0 7	19 52	0 17	18 7	1 37	16 6	10 45	1 12	1 33	12 53	10 13	8 1
T 15	21 14	13 7	2 13	16 36	4 24	21 37	1 27	11 12	0 27	15 11	1 9	19 19	0 6	19 53	0 17	18 8	1 37	16 5	10 45	1 12	1 32	12 56	10 13	8 1
W16	21 4	18 48	3 16	16 33	4 34	21 43	1 25	11 22	0 28	15 13	1 9	19 20	0 6	19 53	0 17	18 8	1 38	16 4	10 44	1 11	1 30	12 59	10 14	8 1
T 17	20 53	23 27	4 7	16 31	4 41	21 48	1 22	11 33	0 29	15 16	1 9	19 21	0 6	19 54	0 17	18 8	1 38	16 4	10 44	1 10	1 29	13 2	10 15	8 1
F 18	20 43	26 42	4 43	16 31	4 47	21 53	1 20	11 43	0 30	15 18	1 9	19 22	0 6	19 54	0 17	18 8	1 38	16 3	10 44	1 7	1 28	13 5	10 16	8 1
S 19	20 32	28 14	5 1	16 32	4 52	21 58	1 18	11 53	0 31	15 20	1 10	19 23	0 6	19 54	0 17	18 9	1 38	16 2	10 44	1 4	1 27	13 8	10 16	8 2
S 20	20 20	27 56	5 1	16 34	4 55	22 1	1 15	12 3	0 33	15 23	1 10	19 24	0 6	19 55	0 17	18 9	1 38	16 2	10 44	1 0	1 25	13 11	10 17	8 2
M21	20 9	25 56	4 43	16 37	4 56	22 4	1 13	12 14	0 34	15 25	1 10	19 25	0 6	19 55	0 17	18 9	1 38	16 1	10 44	0 56	1 24	13 15	10 18	8 2
T 22	19 57	22 28	4 10	16 41	4 56	22 7	1 10	12 24	0 35	15 27	1 10	19 26	0 6	19 56	0 17	18 9	1 38	16 0	10 43	0 53	1 23	13 18	10 19	8 2
W23	19 44	17 56	3 24	16 46	4 54	22 9	1 8	12 34	0 36	15 29	1 10	19 27	0 6	19 56	0 17	18 10	1 38	15 59	10 43	0 49	1 22	13 21	10 20	8 2
T 24	19 32	12 42	2 29	16 52	4 51	22 10	1 5	12 45	0 37	15 32	1 10	19 28	0 6	19 57	0 17	18 10	1 38	15 59	10 43	0 47	1 20	13 24	10 20	8 2
F 25	19 19	7 4	1 27	16 58	4 47	22 11	1 3	12 55	0 38	15 34	1 11	19 29	0 6	19 57	0 17	18 10	1 38	15 58	10 43	0 46	1 19	13 27	10 21	8 2
S 26	19 5	1 17	0 23	17 6	4 41	22 11	1 0	13 6	0 39	15 36	1 11	19 30	0 5	19 57	0 17	18 10	1 38	15 57	10 43	0 45	1 18	13 30	10 22	8 2
S 27	18 52	4n27	0n42	17 13	4 34	22 11	0 57	13 16	0 40	15 38	1 11	19 32	0 5	19 58	0 17	18 10	1 38	15 57	10 43	0 45	1 17	13 33	10 23	8 2
M28	18 38	9 57	1 44	17 21	4 25	22 10	0 55	13 27	0 41	15 40	1 11	19 33	0 5	19 58	0 17	18 11	1 38	15 56	10 43	0 45	1 15	13 36	10 24	8 2
T 29	18 24	15 5	2 41	17 30	4 16	22 8	0 52	13 38	0 41	15 42	1 11	19 34	0 5	19 59	0 17	18 11	1 38	15 55	10 43	0 46	1 14	13 39	10 25	8 2
W30	18 9	19 40	3 31	17 38	4 6	22 5	0 49	13 48	0 42	15 43	1 12	19 35	0 5	19 59	0 17	18 11	1 38	15 54	10 42	0 46	1 13	13 42	10 26	8 2
T 31	17n54	23n31	4n13	17n47	3s55	22n 2	0s47	13s59	0s43	15n45	1s12	19s36	0n 5	19n59	0s17	18n11	1s38	15n54	10n42	0n45	1n12	13n45	10s26	8n 2

Julian Day Number = 2888921.5, Delta T = 01h18m22s
Ecliptic obliquity = 23°17'13, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°30'41, Lahiri = 40°37'41

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ASTRODIENST EPHEMERIS for the year 3197
geocentric

AUGUST 3197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 40 25	9♌54'06	9♊22	21♋24	12♋27	6♏ 5	17♉27	1°R31	1♊15	28♉55	14♍37	1°R50	2♈58	0♉30	7°R41	F 1
S 2	20 44 21	10°51'23	21°47	21°51	13°39	6°35	17°34	1♒27	1°16	28°56	14°39	1♈44	2°55	0°37	7♒37	S 2
S 3	20 48 18	11°48'41	4♋31	22°23	14°51	7° 5	17°41	1°23	1°18	28°57	14°40	1°37	2°52	0°43	7°34	S 3
M 4	20 52 14	12°45'59	17°35	23° 0	16° 3	7°36	17°47	1°18	1°19	28°58	14°42	1°29	2°49	0°50	7°30	M 4
T 5	20 56 11	13°43'18	1♌ 0	23°43	17°16	8° 6	17°53	1°14	1°21	28°59	14°44	1°21	2°45	0°57	7°27	T 5
W 6	21 0 8	14°40'37	14°43	24°31	18°28	8°37	18° 0	1°10	1°23	29° 0	14°46	1°13	2°42	1° 3	7°23	W 6
T 7	21 4 4	15°37'56	28°41	25°24	19°40	9° 8	18° 6	1° 6	1°24	29° 0	14°47	1° 8	2°39	1°10	7°20	T 7
F 8	21 8 1	16°35'16	12♍50	26°22	20°53	9°40	18°12	1° 1	1°25	29° 1	14°49	1° 5	2°36	1°17	7°16	F 8
S 9	21 11 57	17°32'36	27° 7	27°25	22° 5	10°11	18°17	0°57	1°27	29° 2	14°51	1°D 3	2°33	1°23	7°13	S 9
S 10	21 15 54	18°29'56	11♎26	28°34	23°18	10°43	18°23	0°53	1°28	29° 3	14°53	1° 4	2°29	1°30	7° 9	S 10
M11	21 19 50	19°27'16	25°44	29°47	24°30	11°15	18°28	0°49	1°29	29° 3	14°54	1° 5	2°26	1°37	7° 6	M11
T 12	21 23 47	20°24'37	9♏59	1♌ 5	25°43	11°47	18°33	0°45	1°31	29° 4	14°56	1° 6	2°23	1°43	7° 2	T 12
W13	21 27 43	21°21'57	24° 8	2°28	26°55	12°20	18°38	0°41	1°32	29° 5	14°58	1°R 6	2°20	1°50	6°59	W13
T 14	21 31 40	22°19'19	8♐11	3°55	28° 8	12°52	18°43	0°37	1°33	29° 5	15° 0	1° 5	2°17	1°57	6°55	T 14
F 15	21 35 37	23°16'40	22° 5	5°26	29°20	13°25	18°48	0°33	1°34	29° 6	15° 2	1° 2	2°14	2° 3	6°52	F 15
S 16	21 39 33	24°14'02	5♑49	7° 2	0♌33	13°58	18°52	0°29	1°35	29° 6	15° 4	0°58	2°10	2°10	6°49	S 16
S 17	21 43 30	25°11'25	19°22	8°42	1°46	14°31	18°57	0°25	1°36	29° 7	15° 5	0°53	2° 7	2°17	6°45	S 17
M18	21 47 26	26° 8'47	2♒41	10°26	2°59	15° 5	19° 1	0°21	1°37	29° 7	15° 7	0°47	2° 4	2°23	6°42	M18
T 19	21 51 23	27° 6'11	15°47	12°13	4°11	15°38	19° 5	0°18	1°38	29° 8	15° 9	0°42	2° 1	2°30	6°39	T 19
W20	21 55 19	28° 3'35	28°37	14° 3	5°24	16°12	19° 8	0°14	1°39	29° 8	15°11	0°38	1°58	2°37	6°36	W20
T 21	21 59 16	29° 1'00	11♓12	15°56	6°37	16°46	19°12	0°11	1°40	29° 9	15°13	0°35	1°55	2°43	6°33	T 21
F 22	22 3 12	29°58'25	23°34	17°52	7°50	17°20	19°15	0° 7	1°40	29° 9	15°15	0°33	1°51	2°50	6°29	F 22
S 23	22 7 9	0♍55'52	5♈42	19°50	9° 3	17°54	19°19	0° 3	1°41	29° 9	15°17	0°D33	1°48	2°57	6°26	S 23
S 24	22 11 6	1°53'19	17°41	21°50	10°16	18°28	19°22	0° 0	1°42	29°10	15°19	0°34	1°45	3° 3	6°23	S 24
M25	22 15 2	2°50'48	29°32	23°51	11°29	19° 3	19°25	29♑57	1°42	29°10	15°21	0°36	1°42	3°10	6°20	M25
T 26	22 18 59	3°48'18	11♉22	25°53	12°42	19°38	19°27	29°53	1°43	29°10	15°22	0°37	1°39	3°17	6°17	T 26
W27	22 22 55	4°45'49	23°13	27°56	13°55	20°13	19°30	29°50	1°43	29°10	15°24	0°39	1°35	3°23	6°14	W27
T 28	22 26 52	5°43'21	5♊11	0♍ 0	15° 8	20°48	19°32	29°47	1°44	29°10	15°26	0°R39	1°32	3°30	6°11	T 28
F 29	22 30 48	6°40'55	17°21	2° 4	16°21	21°23	19°34	29°44	1°44	29°11	15°28	0°39	1°29	3°37	6° 9	F 29
S 30	22 34 45	7°38'30	29°46	4° 8	17°35	21°58	19°36	29°41	1°45	29°11	15°30	0°37	1°26	3°43	6° 6	S 30
S 31	22 38 41	8♍36'06	12♋32	6♍11	18♌48	22♏34	19♉38	29♑38	1♊45	29♉11	15♍32	0♈35	1♈23	3♉50	6♒ 3	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n39	26n24	4n44	17n56	3s43	21n59	0s44	14s10	0s44	15n47	1s12	19s37	0n 5	20n 0	0s17	18n11	1s38	15n53	10n42	0n43	1n10	13n48	10s27	8n 2
S 2	17 24	28 4	5 3	18 4	3 30	21 55	0 41	14 20	0 45	15 49	1 12	19 38	0 5	20 0	0 17	18 12	1 38	15 52	10 42	0 41	1 9	13 52	10 28	8 2
S 3	17 8	28 19	5 7	18 12	3 17	21 50	0 38	14 31	0 46	15 50	1 12	19 39	0 5	20 0	0 17	18 12	1 38	15 51	10 42	0 38	1 8	13 55	10 29	8 2
M 4	16 52	27 1	4 55	18 19	3 4	21 44	0 36	14 42	0 47	15 52	1 12	19 40	0 5	20 1	0 17	18 12	1 38	15 51	10 42	0 35	1 7	13 58	10 30	8 2
T 5	16 36	24 9	4 27	18 26	2 50	21 38	0 33	14 52	0 48	15 53	1 13	19 41	0 5	20 1	0 17	18 12	1 39	15 50	10 42	0 32	1 5	14 1	10 31	8 2
W 6	16 20	19 53	3 44	18 32	2 35	21 32	0 30	15 3	0 49	15 55	1 13	19 42	0 5	20 1	0 17	18 12	1 39	15 49	10 42	0 29	1 4	14 4	10 32	8 1
T 7	16 3	14 27	2 46	18 37	2 21	21 24	0 27	15 14	0 49	15 56	1 13	19 43	0 4	20 2	0 17	18 12	1 39	15 48	10 42	0 27	1 3	14 7	10 33	8 1
F 8	15 46	8 12	1 37	18 41	2 6	21 16	0 24	15 25	0 50	15 58	1 13	19 44	0 4	20 2	0 17	18 12	1 39	15 48	10 42	0 26	1 2	14 10	10 34	8 1
S 9	15 29	1 28	0 21	18 43	1 51	21 8	0 22	15 35	0 51	15 59	1 13	19 45	0 4	20 2	0 17	18 12	1 39	15 47	10 41	0 25	1 0	14 13	10 35	8 1
S 10	15 11	5s21	0s56	18 44	1 37	20 59	0 19	15 46	0 52	16 0	1 14	19 46	0 4	20 2	0 17	18 13	1 39	15 46	10 41	0 25	0 59	14 16	10 36	8 1
M11	14 53	11 54	2 10	18 44	1 22	20 49	0 16	15 57	0 53	16 2	1 14	19 47	0 4	20 3	0 17	18 13	1 39	15 45	10 41	0 26	0 58	14 19	10 37	8 1
T 12	14 36	17 48	3 15	18 42	1 7	20 39	0 13	16 7	0 53	16 3	1 14	19 48	0 4	20 3	0 17	18 13	1 39	15 45	10 41	0 26	0 57	14 22	10 38	8 1
W13	14 17	22 42	4 9	18 37	0 53	20 28	0 11	16 18	0 54	16 4	1 14	19 49	0 4	20 3	0 17	18 13	1 39	15 44	10 41	0 26	0 55	14 25	10 39	8 0
T 14	13 59	26 15	4 46	18 31	0 39	20 17	0 8	16 28	0 55	16 5	1 15	19 50	0 4	20 3	0 17	18 13	1 39	15 43	10 41	0 26	0 54	14 28	10 40	8 0
F 15	13 40	28 10	5 7	18 23	0 25	20 5	0 5	16 39	0 56	16 6	1 15	19 51	0 4	20 4	0 17	18 13	1 39	15 42	10 41	0 25	0 53	14 31	10 41	8 0
S 16	13 22	28 19	5 10	18 12	0 12	19 52	0 2	16 50	0 56	16 7	1 15	19 52	0 4	20 4	0 17	18 13	1 39	15 42	10 41	0 23	0 52	14 34	10 42	8 0
S 17	13 3	26 46	4 55	17 59	0n 1	19 39	0n 0	17 0	0 57	16 8	1 15	19 52	0 4	20 4	0 17	18 13	1 39	15 41	10 41	0 21	0 50	14 37	10 43	8 0
M18	12 43	23 43	4 24	17 44	0 13	19 25	0 3	17 11	0 58	16 9	1 15	19 53	0 3	20 4	0 17	18 13	1 39	15 40	10 41	0 19	0 49	14 40	10 44	7 59
T 19	12 24	19 31	3 40	17 26	0 25	19 11	0 6	17 21	0 58	16 10	1 16	19 54	0 3	20 4	0 17	18 13	1 39	15 39	10 41	0 17	0 48	14 43	10 45	7 59
W20	12 4	14 28	2 46	17 5	0 36	18 56	0 8	17 31	0 59	16 11	1 16	19 55	0 3	20 4	0 17	18 13	1 39	15 38	10 41	0 15	0 47	14 46	10 46	7 59
T 21	11 45	8 55	1 44	16 42	0 46	18 41	0 11	17 42	1 0	16 12	1 16	19 56	0 3	20 5	0 17	18 13	1 39	15 38	10 41	0 14	0 45	14 49	10 47	7 59
F 22	11 25	3 8	0 38	16 16	0 56	18 25	0 14	17 52	1 0	16 12	1 16	19 57	0 3	20 5	0 17	18 13	1 39	15 37	10 41	0 13	0 44	14 52	10 48	7 58
S 23	11 4	2n41	0n28	15 48	1 5	18 9	0 16	18 2	1 1	16 13	1 16	19 58	0 3	20 5	0 18	18 13	1 40	15 36	10 41	0 13	0 43	14 55	10 49	7 58
S 24	10 44	8 19	1 33	15 17	1 12	17 52	0 19	18 12	1 2	16 14	1 17	19 58	0 3	20 5	0 18	18 13	1 40	15 35	10 41	0 13	0 42	14 58	10 50	7 58
M25	10 24	13 37	2 33	14 44	1 19	17 34	0 21	18 22	1 2	16 14	1 17	19 59	0 3	20 5	0 18	18 13	1 40	15 35	10 41	0 14	0 40	15 1	10 51	7 57
T 26	10 3	18 24	3 26	14 9	1 26	17 16	0 24	18 32	1 3	16 15	1 17	20 0	0 3	20 5	0 18	18 13	1 40	15 34	10 41	0 15	0 39	15 4	10 52	7 57
W27	9 42	22 30	4 10	13 32	1 31	16 58	0 26	18 42	1 4	16 15	1 17	20 1	0 3	20 5	0 18	18 13	1 40	15 33	10 41	0 15	0 38	15 7	10 53	7 57
T 28	9 21	25 41	4 44	12 53	1 35	16 39	0 29	18 52	1 4	16 16	1 17	20 1	0 3	20 5	0 18	18 13	1 40	15 33	10 41	0 15	0 36	15 10	10 54	7 56
F 29	9 0	27 46	5 6	12 13	1 39	16 20	0 31	19 2	1 5	16 16	1 18	20 2	0 3	20 5	0 18	18 13	1 40	15 32	10 41	0 15	0 35	15 13	10 55	7 56
S 30	8 39	28 32	5 15	11 31	1 41	16 0	0 34	19 12	1 5	16 16	1 18	20 3	0 2	20 6	0 18	18 13	1 40	15 31	10 41	0 15	0 34	15 16	10 56	7 56
S 31	8n18	27n49	5n 8	10n47	1n43	15n40	0n36	19s21	1s 6	16n16	1s18	20s 4	0n 2	20n 6	0s18	18n13	1s40	15n30	10n41	0n14	0n33	15n19	10s57	7n55

Julian Day Number = 2888952.5, Delta T = 01h18m23s
Ecliptic obliquity = 23°17'13, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°30'45, Lahiri = 40°37'45

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ASTRODIENST EPHEMERIS for the year 3197
geocentric

SEPTEMBER 3197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 42 38	9♍33'44	25♋40	8♍14	20♌ 1	23♏10	19♉39	29°R35	1♊45	29°R11	15♍34	0°R32	1♈20	3♉57	6°R 0	M 1
T 2	22 46 35	10°31'23	9♌13	10°16	21°15	23°46	19°41	29♉32	1°45	29♉11	15°36	0♈29	1°16	4° 3	5♒58	T 2
W 3	22 50 31	11°29'03	23° 8	12°17	22°28	24°22	19°42	29°29	1°46	29°11	15°38	0°27	1°13	4°10	5°55	W 3
T 4	22 54 28	12°26'45	7♍25	14°17	23°41	24°58	19°43	29°27	1°46	29°11	15°40	0°25	1°10	4°17	5°52	T 4
F 5	22 58 24	13°24'27	21°56	16°17	24°55	25°34	19°43	29°24	1°46	29°10	15°42	0°24	1° 7	4°23	5°50	F 5
S 6	23 2 21	14°22'11	6♎38	18°15	26° 8	26°11	19°44	29°22	1°R46	29°10	15°44	0°D24	1° 4	4°30	5°47	S 6
S 7	23 6 17	15°19'56	21°22	20°11	27°22	26°47	19°44	29°19	1°46	29°10	15°46	0°24	1° 1	4°37	5°45	S 7
M 8	23 10 14	16°17'42	6♏ 3	22° 7	28°36	27°24	19°R44	29°17	1°46	29°10	15°48	0°25	0°57	4°43	5°43	M 8
T 9	23 14 10	17°15'29	20°35	24° 1	29°49	28° 1	19°44	29°15	1°46	29°10	15°50	0°26	0°54	4°50	5°40	T 9
W10	23 18 7	18°13'17	4♐54	25°53	1♍ 3	28°38	19°44	29°13	1°45	29° 9	15°52	0°27	0°51	4°57	5°38	W10
T 11	23 22 3	19°11'06	18°57	27°45	2°16	29°15	19°43	29°11	1°45	29° 9	15°54	0°R27	0°48	5° 3	5°36	T 11
F 12	23 26 0	20° 8'57	2♑43	29°35	3°30	29°53	19°43	29° 9	1°45	29° 9	15°56	0°27	0°45	5°10	5°34	F 12
S 13	23 29 57	21° 6'48	16°13	1♎23	4°44	0♐30	19°42	29° 7	1°45	29° 8	15°58	0°26	0°41	5°17	5°32	S 13
S 14	23 33 53	22° 4'40	29°26	3°11	5°58	1° 8	19°41	29° 5	1°44	29° 8	16° 0	0°26	0°38	5°23	5°30	S 14
M15	23 37 50	23° 2'34	12♒24	4°57	7°11	1°46	19°39	29° 3	1°44	29° 8	16° 1	0°25	0°35	5°30	5°28	M15
T 16	23 41 46	24° 0'29	25° 8	6°41	8°25	2°24	19°38	29° 2	1°43	29° 7	16° 3	0°24	0°32	5°37	5°26	T 16
W17	23 45 43	24°58'25	7♓38	8°25	9°39	3° 2	19°36	29° 0	1°43	29° 7	16° 5	0°23	0°29	5°43	5°24	W17
T 18	23 49 39	25°56'23	19°57	10° 7	10°53	3°40	19°34	28°59	1°42	29° 6	16° 7	0°23	0°26	5°50	5°23	T 18
F 19	23 53 36	26°54'22	2♈ 6	11°47	12° 7	4°18	19°32	28°57	1°42	29° 5	16° 9	0°D23	0°22	5°57	5°21	F 19
S 20	23 57 32	27°52'22	14° 6	13°27	13°21	4°56	19°30	28°56	1°41	29° 5	16°11	0°23	0°19	6° 3	5°19	S 20
S 21	0 1 29	28°50'25	26° 0	15° 5	14°35	5°35	19°28	28°55	1°40	29° 4	16°13	0°23	0°16	6°10	5°18	S 21
M22	0 5 26	29°48'29	7♉50	16°42	15°49	6°14	19°25	28°54	1°39	29° 4	16°15	0°23	0°13	6°17	5°16	M22
T 23	0 9 22	0♎46'34	19°39	18°18	17° 3	6°52	19°22	28°53	1°39	29° 3	16°17	0°R23	0°10	6°23	5°15	T 23
W24	0 13 19	1°44'42	1♊31	19°52	18°17	7°31	19°19	28°52	1°38	29° 2	16°19	0°23	0° 7	6°30	5°14	W24
T 25	0 17 15	2°42'52	13°29	21°26	19°31	8°10	19°16	28°51	1°37	29° 1	16°21	0°23	0° 3	6°37	5°12	T 25
F 26	0 21 12	3°41'03	25°37	22°58	20°45	8°50	19°12	28°50	1°36	29° 1	16°23	0°23	0° 0	6°43	5°11	F 26
S 27	0 25 8	4°39'17	8♋ 0	24°29	22° 0	9°29	19° 9	28°50	1°35	29° 0	16°24	0°D23	29♓57	6°50	5°10	S 27
S 28	0 29 5	5°37'32	20°42	25°59	23°14	10° 8	19° 5	28°49	1°34	28°59	16°26	0°23	29°54	6°57	5° 9	S 28
M29	0 33 1	6°35'49	3♌46	27°27	24°28	10°48	19° 1	28°49	1°33	28°58	16°28	0°23	29°51	7° 3	5° 8	M29
T 30	0 36 58	7♎34'09	17♌17	28♎55	25♍42	11♐27	18♉57	28♑49	1♊32	28♉57	16♍30	0♈24	29♓47	7♉10	5♒ 7	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n56	25n33	4n45	10n 3	1n45	15n19	0n38	19s31	1s 6	16n17	1s18	20s 4	0n 2	20n 6	0s18	18n13	1s40	15n30	10n41	0n13	0n31	15n22	10s58	7n55
T 2	7 34	21 47	4 6	9 17	1 45	14 58	0 41	19 41	1 7	16 17	1 19	20 5	0 2	20 6	0 18	18 13	1 40	15 29	10 41	0 12	0 30	15 25	10 59	7 54
W 3	7 13	16 44	3 11	8 31	1 45	14 37	0 43	19 50	1 8	16 17	1 19	20 6	0 2	20 6	0 18	18 13	1 40	15 28	10 41	0 11	0 29	15 28	11 0	7 54
T 4	6 51	10 39	2 4	7 44	1 44	14 15	0 45	19 59	1 8	16 17	1 19	20 6	0 2	20 6	0 18	18 13	1 40	15 27	10 41	0 10	0 28	15 31	11 1	7 54
F 5	6 29	3 53	0 47	6 57	1 42	13 52	0 47	20 9	1 9	16 17	1 19	20 7	0 2	20 6	0 18	18 13	1 40	15 27	10 41	0 9	0 26	15 34	11 2	7 53
S 6	6 7	3s 9	0s34	6 9	1 40	13 30	0 49	20 18	1 9	16 17	1 19	20 7	0 2	20 6	0 18	18 13	1 40	15 26	10 41	0 9	0 25	15 37	11 3	7 53
S 7	5 45	10 2	1 54	5 21	1 37	13 7	0 51	20 27	1 10	16 17	1 20	20 8	0 2	20 6	0 18	18 13	1 40	15 25	10 41	0 10	0 24	15 40	11 4	7 52
M 8	5 22	16 22	3 5	4 33	1 34	12 43	0 53	20 36	1 10	16 17	1 20	20 9	0 2	20 6	0 18	18 13	1 40	15 25	10 41	0 10	0 23	15 43	11 5	7 52
T 9	5 0	21 42	4 3	3 45	1 30	12 20	0 55	20 44	1 11	16 16	1 20	20 9	0 2	20 6	0 18	18 12	1 40	15 24	10 41	0 10	0 21	15 46	11 6	7 51
W10	4 38	25 40	4 46	2 56	1 26	11 55	0 57	20 53	1 11	16 16	1 20	20 10	0 1	20 6	0 18	18 12	1 41	15 23	10 42	0 11	0 20	15 49	11 7	7 51
T 11	4 15	27 59	5 10	2 8	1 21	11 31	0 59	21 2	1 12	16 16	1 20	20 10	0 1	20 6	0 18	18 12	1 41	15 22	10 42	0 11	0 19	15 52	11 8	7 51
F 12	3 53	28 32	5 16	1 20	1 16	11 6	1 1	21 10	1 12	16 15	1 21	20 11	0 1	20 6	0 18	18 12	1 41	15 22	10 42	0 11	0 18	15 54	11 9	7 50
S 13	3 30	27 21	5 5	0 32	1 11	10 41	1 2	21 19	1 13	16 15	1 21	20 11	0 1	20 5	0 18	18 12	1 41	15 21	10 42	0 10	0 16	15 57	11 10	7 50
S 14	3 7	24 39	4 37	0s15	1 5	10 16	1 4	21 27	1 13	16 14	1 21	20 12	0 1	20 5	0 18	18 12	1 41	15 20	10 42	0 10	0 15	16 0	11 11	7 49
M15	2 45	20 45	3 56	1 3	0 59	9 50	1 6	21 35	1 13	16 14	1 21	20 12	0 1	20 5	0 18	18 12	1 41	15 20	10 42	0 10	0 14	16 3	11 12	7 49
T 16	2 22	15 57	3 3	1 50	0 53	9 24	1 7	21 43	1 14	16 13	1 21	20 12	0 1	20 5	0 18	18 12	1 41	15 19	10 42	0 9	0 13	16 6	11 13	7 48
W17	1 59	10 33	2 3	2 36	0 46	8 58	1 9	21 51	1 14	16 13	1 22	20 13	0 1	20 5	0 18	18 11	1 41	15 18	10 42	0 9	0 11	16 9	11 14	7 48
T 18	1 36	4 50	0 58	3 22	0 40	8 32	1 10	21 58	1 15	16 12	1 22	20 13	0 1	20 5	0 18	18 11	1 41	15 18	10 42	0 9	0 10	16 12	11 14	7 47
F 19	1 13	0n59	0n10	4 8	0 33	8 5	1 12	22 6	1 15	16 11	1 22	20 14	0 1	20 5	0 18	18 11	1 41	15 17	10 43	0 9	0 9	16 15	11 15	7 47
S 20	0 50	6 41	1 16	4 53	0 26	7 38	1 13	22 13	1 15	16 10	1 22	20 14	0 1	20 5	0 18	18 11	1 41	15 17	10 43	0 9	0 8	16 18	11 16	7 46
S 21	0 28	12 7	2 18	5 37	0 18	7 11	1 14	22 21	1 16	16 10	1 22	20 14	0 1	20 5	0 18	18 11	1 41	15 16	10 43	0 9	0 6	16 21	11 17	7 46
M22	0 5	17 5	3 13	6 21	0 11	6 43	1 16	22 28	1 16	16 9	1 23	20 15	0 0	20 4	0 18	18 11	1 41	15 15	10 43	0 9	0 5	16 24	11 18	7 45
T 23	0s18	21 24	4 1	7 5	0 3	6 16	1 17	22 35	1 17	16 8	1 23	20 15	0 0	20 4	0 18	18 10	1 41	15 15	10 43	0 9	0 4	16 26	11 19	7 45
W24	0 41	24 52	4 38	7 47	0s 4	5 48	1 18	22 42	1 17	16 7	1 23	20 15	0 0	20 4	0 18	18 10	1 41	15 14	10 43	0 9	0 3	16 29	11 20	7 44
T 25	1 4	27 18	5 4	8 29	0 12	5 20	1 19	22 48	1 17	16 6	1 23	20 15	0 0	20 4	0 18	18 10	1 41	15 13	10 43	0 9	0 1	16 32	11 20	7 43
F 26	1 27	28 29	5 16	9 11	0 20	4 52	1 20	22 55	1 18	16 5	1 23	20 16	0 0	20 4	0 18	18 10	1 41	15 13	10 44	0 9	0 0	16 35	11 21	7 43
S 27	1 50	28 17	5 15	9 52	0 28	4 24	1 21	23 1	1 18	16 4	1 24	20 16	0 0	20 3	0 18	18 9	1 41	15 12	10 44	0 9	0s 1	16 38	11 22	7 42
S 28	2 13	26 36	4 58	10 32	0 36	3 55	1 22	23 7	1 18	16 2	1 24	20 16	0s 0	20 3	0 18	18 9	1 41	15 12	10 44	0 9	0 2	16 41	11 23	7 42
M29	2 36	23 29	4 25	11 11	0 44	3 27	1 23	23 13	1 19	16 1	1 24	20 16	0 0	20 3	0 18	18 9	1 41	15 11	10 44	0 9	0 4	16 44	11 24	7 41
T 30	2s59	19n 0	3n37	11s49	0s52	2n58	1n23	23s19	1s19	16n 0	1s24	20s16	0s 0	20n 3	0s18	18n 9	1s42	15n11	10n44	0n 9	0s 5	16n47	11s24	7n41

Julian Day Number = 2888983.5, Delta T = 01h18m24s
Ecliptic obliquity = 23°17'13, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°30'49, Lahiri = 40°37'50

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ASTRODIENST EPHEMERIS for the year 3197
geocentric

OCTOBER 3197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 40 55	8♎32'30	1♍13	0♏21	26♍57	12♐ 7	18°R52	28°R48	1°R31	28°R56	16♍32	0♈24	29♓44	7♉17	5°R 6	W 1
T 2	0 44 51	9°30'53	15°35	1°46	28°11	12°47	18♉48	28♊48	1♊29	28♉55	16°34	0°25	29°41	7°23	5♒ 6	T 2
F 3	0 48 48	10°29'18	0♎18	3°10	29°25	13°27	18°43	28°D48	1°28	28°55	16°36	0°R25	29°38	7°30	5° 5	F 3
S 4	0 52 44	11°27'45	15°17	4°32	0♎40	14° 7	18°38	28°48	1°27	28°54	16°37	0°25	29°35	7°37	5° 4	S 4
S 5	0 56 41	12°26'14	0♏23	5°53	1°54	14°47	18°33	28°49	1°25	28°53	16°39	0°24	29°32	7°43	5° 4	S 5
M 6	1 0 37	13°24'44	15°27	7°13	3° 9	15°28	18°28	28°49	1°24	28°51	16°41	0°23	29°28	7°50	5° 4	M 6
T 7	1 4 34	14°23'16	0♐20	8°31	4°23	16° 8	18°23	28°49	1°23	28°50	16°43	0°21	29°25	7°57	5° 3	T 7
W 8	1 8 30	15°21'50	14°55	9°48	5°38	16°49	18°17	28°50	1°21	28°49	16°45	0°19	29°22	8° 3	5° 3	W 8
T 9	1 12 27	16°20'25	29° 8	11° 4	6°52	17°29	18°12	28°50	1°20	28°48	16°46	0°18	29°19	8°10	5° 3	T 9
F 10	1 16 24	17°19'02	12♑57	12°17	8° 7	18°10	18° 6	28°51	1°18	28°47	16°48	0°D18	29°16	8°17	5° 3	F 10
S 11	1 20 20	18°17'41	26°23	13°30	9°21	18°51	18° 0	28°52	1°17	28°46	16°50	0°18	29°13	8°23	5°D 2	S 11
S 12	1 24 17	19°16'21	9♒26	14°40	10°36	19°32	17°54	28°53	1°15	28°45	16°52	0°19	29° 9	8°30	5° 2	S 12
M13	1 28 13	20°15'03	22°10	15°48	11°50	20°13	17°47	28°54	1°13	28°43	16°53	0°20	29° 6	8°37	5° 3	M13
T 14	1 32 10	21°13'46	4♓38	16°55	13° 5	20°54	17°41	28°55	1°12	28°42	16°55	0°21	29° 3	8°43	5° 3	T 14
W15	1 36 6	22°12'31	16°53	17°59	14°20	21°36	17°34	28°56	1°10	28°41	16°57	0°23	29° 0	8°50	5° 3	W15
T 16	1 40 3	23°11'17	28°58	19° 1	15°34	22°17	17°28	28°57	1° 8	28°40	16°58	0°R23	28°57	8°57	5° 3	T 16
F 17	1 43 59	24°10'06	10♈57	20° 1	16°49	22°59	17°21	28°59	1° 6	28°38	17° 0	0°23	28°53	9° 3	5° 4	F 17
S 18	1 47 56	25° 8'56	22°50	20°58	18° 4	23°40	17°14	29° 0	1° 4	28°37	17° 2	0°21	28°50	9°10	5° 4	S 18
S 19	1 51 52	26° 7'49	4♉40	21°52	19°18	24°22	17° 7	29° 2	1° 3	28°36	17° 3	0°18	28°47	9°17	5° 5	S 19
M20	1 55 49	27° 6'43	16°30	22°43	20°33	25° 4	17° 0	29° 3	1° 1	28°34	17° 5	0°14	28°44	9°24	5° 5	M20
T 21	1 59 46	28° 5'39	28°21	23°31	21°48	25°46	16°53	29° 5	0°59	28°33	17° 6	0° 9	28°41	9°30	5° 6	T 21
W22	2 3 42	29° 4'38	10♊15	24°15	23° 3	26°28	16°45	29° 7	0°57	28°32	17° 8	0° 4	28°38	9°37	5° 7	W22
T 23	2 7 39	0♏ 3'39	22°15	24°55	24°17	27°10	16°38	29° 9	0°55	28°30	17° 9	29♓59	28°34	9°44	5° 8	T 23
F 24	2 11 35	1° 2'42	4♋24	25°31	25°32	27°52	16°30	29°11	0°53	28°29	17°11	29°56	28°31	9°50	5° 9	F 24
S 25	2 15 32	2° 1'47	16°46	26° 2	26°47	28°34	16°23	29°13	0°51	28°27	17°12	29°53	28°28	9°57	5°10	S 25
S 26	2 19 28	3° 0'54	29°24	26°27	28° 2	29°16	16°15	29°15	0°49	28°26	17°14	29°D52	28°25	10° 4	5°11	S 26
M27	2 23 25	4° 0'04	12♌22	26°48	29°17	29°59	16° 7	29°18	0°47	28°24	17°15	29°52	28°22	10°10	5°12	M27
T 28	2 27 21	4°59'16	25°43	27° 2	0♏32	0♑41	16° 0	29°20	0°44	28°23	17°17	29°53	28°18	10°17	5°13	T 28
W29	2 31 18	5°58'30	9♍31	27° 9	1°47	1°24	15°52	29°22	0°42	28°21	17°18	29°55	28°15	10°24	5°14	W29
T 30	2 35 15	6°57'46	23°45	27°R10	3° 2	2° 7	15°44	29°25	0°40	28°20	17°20	29°R56	28°12	10°30	5°16	T 30
F 31	2 39 11	7♏57'04	8♎25	27♏ 3	4♏16	2♑50	15♉36	29♑28	0♊38	28♉18	17♍21	29♓56	28♓ 9	10♉37	5♒17	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s22	13n23	2n35	12s27	1s 0	2n29	1n24	23s25	1s19	15n59	1s24	20s16	0s 0	20n 3	0s18	18n 9	1s42	15n10	10n44	0n10	0s 6	16n49	11s25	7n40
T 2	3 45	6 54	1 21	13 4	1 8	2 1	1 24	23 30	1 20	15 57	1 24	20 16	0 0	20 2	0 18	18 8	1 42	15 9	10 45	0 10	0 7	16 52	11 26	7 40
F 3	4 8	0s 7	0 1	13 40	1 16	1 32	1 25	23 35	1 20	15 56	1 24	20 17	0 0	20 2	0 18	18 8	1 42	15 9	10 45	0 10	0 9	16 55	11 26	7 39
S 4	4 30	7 14	1s21	14 16	1 24	1 3	1 25	23 41	1 20	15 54	1 25	20 17	0 1	20 2	0 18	18 8	1 42	15 8	10 45	0 10	0 10	16 58	11 27	7 38
S 5	4 53	14 1	2 38	14 50	1 31	0 34	1 26	23 45	1 20	15 53	1 25	20 17	0 1	20 2	0 18	18 8	1 42	15 8	10 45	0 10	0 11	17 1	11 28	7 38
M 6	5 16	19 56	3 44	15 24	1 39	0 5	1 26	23 50	1 21	15 51	1 25	20 17	0 1	20 1	0 18	18 7	1 42	15 7	10 45	0 9	0 12	17 4	11 29	7 37
T 7	5 38	24 33	4 34	15 57	1 47	0s25	1 26	23 55	1 21	15 50	1 25	20 17	0 1	20 1	0 18	18 7	1 42	15 7	10 46	0 8	0 14	17 6	11 29	7 37
W 8	6 1	27 29	5 5	16 28	1 55	0 54	1 27	23 59	1 21	15 48	1 25	20 17	0 1	20 1	0 18	18 7	1 42	15 6	10 46	0 8	0 15	17 9	11 30	7 36
T 9	6 23	28 33	5 16	16 59	2 2	1 23	1 27	24 3	1 21	15 46	1 25	20 17	0 1	20 0	0 18	18 6	1 42	15 6	10 46	0 7	0 16	17 12	11 30	7 35
F 10	6 45	27 47	5 9	17 29	2 9	1 52	1 27	24 7	1 22	15 45	1 25	20 17	0 1	20 0	0 18	18 6	1 42	15 5	10 46	0 7	0 18	17 15	11 31	7 35
S 11	7 8	25 23	4 44	17 58	2 17	2 21	1 27	24 11	1 22	15 43	1 25	20 16	0 1	20 0	0 18	18 6	1 42	15 5	10 46	0 7	0 19	17 18	11 32	7 34
S 12	7 30	21 43	4 6	18 25	2 24	2 50	1 27	24 14	1 22	15 41	1 26	20 16	0 1	19 59	0 18	18 6	1 42	15 4	10 47	0 7	0 20	17 20	11 32	7 34
M13	7 52	17 7	3 16	18 52	2 30	3 19	1 27	24 18	1 22	15 39	1 26	20 16	0 1	19 59	0 18	18 5	1 42	15 4	10 47	0 8	0 21	17 23	11 33	7 33
T 14	8 14	11 53	2 17	19 18	2 37	3 48	1 26	24 21	1 22	15 37	1 26	20 16	0 1	19 59	0 18	18 5	1 42	15 4	10 47	0 8	0 23	17 26	11 33	7 32
W15	8 36	6 17	1 14	19 42	2 43	4 17	1 26	24 24	1 23	15 35	1 26	20 16	0 1	19 58	0 18	18 5	1 42	15 3	10 47	0 9	0 24	17 29	11 34	7 32
T 16	8 57	0 31	0 8	20 5	2 49	4 46	1 26	24 27	1 23	15 34	1 26	20 16	0 1	19 58	0 18	18 4	1 42	15 3	10 48	0 9	0 25	17 32	11 34	7 31
F 17	9 19	5n12	0n58	20 27	2 55	5 15	1 25	24 29	1 23	15 32	1 26	20 16	0 2	19 58	0 18	18 4	1 42	15 2	10 48	0 9	0 26	17 34	11 35	7 31
S 18	9 40	10 41	2 0	20 47	3 1	5 44	1 25	24 31	1 23	15 30	1 26	20 15	0 2	19 57	0 18	18 4	1 42	15 2	10 48	0 8	0 28	17 37	11 35	7 30
S 19	10 2	15 47	2 57	21 6	3 6	6 12	1 24	24 33	1 23	15 28	1 26	20 15	0 2	19 57	0 18	18 3	1 42	15 1	10 48	0 7	0 29	17 40	11 36	7 30
M20	10 23	20 17	3 46	21 24	3 10	6 41	1 24	24 35	1 23	15 26	1 26	20 15	0 2	19 56	0 18	18 3	1 42	15 1	10 49	0 6	0 30	17 43	11 36	7 29
T 21	10 44	23 59	4 26	21 40	3 14	7 9	1 23	24 37	1 24	15 23	1 26	20 14	0 2	19 56	0 18	18 3	1 42	15 1	10 49	0 4	0 31	17 46	11 37	7 28
W22	11 5	26 42	4 54	21 55	3 18	7 38	1 22	24 38	1 24	15 21	1 26	20 14	0 2	19 56	0 18	18 2	1 42	15 0	10 49	0 2	0 33	17 48	11 37	7 28
T 23	11 25	28 13	5 10	22 7	3 21	8 6	1 22	24 39	1 24	15 19	1 26	20 14	0 2	19 55	0 18	18 2	1 42	15 0	10 50	0s 0	0 34	17 51	11 37	7 27
F 24	11 46	28 24	5 11	22 18	3 23	8 33	1 21	24 40	1 24	15 17	1 26	20 14	0 2	19 55	0 18	18 2	1 42	15 0	10 50	0 2	0 35	17 54	11 38	7 27
S 25	12 6	27 11	4 59	22 27	3 25	9 1	1 20	24 41	1 24	15 15	1 26	20 13	0 2	19 54	0 18	18 1	1 42	14 59	10 50	0 3	0 36	17 57	11 38	7 26
S 26	12 26	24 35	4 32	22 34	3 26	9 29	1 19	24 41	1 24	15 13	1 26	20 13	0 2	19 54	0 18	18 1	1 42	14 59	10 50	0 3	0 38	17 59	11 38	7 25
M27	12 46	20 40	3 51	22 39	3 26	9 56	1 18	24 41	1 24	15 11	1 26	20 12	0 2	19 54	0 18	18 1	1 42	14 59	10 51	0 3	0 39	18 2	11 39	7 25
T 28	13 6	15 37	2 56	22 41	3 24	10 23	1 17	24 41	1 24	15 8	1 27	20 12	0 2	19 53	0 18	18 0	1 42	14 58	10 51	0 3	0 40	18 5	11 39	7 24
W29	13 26	9 38	1 49	22 41	3 22	10 50	1 16	24 41	1 24	15 6	1 27	20 11	0 2	19 53	0 18	18 0	1 43	14 58	10 51	0 2	0 41	18 8	11 39	7 24
T 30	13 45	2 59	0 34	22 38	3 19	11 17	1 14	24 41	1 24	15 4	1 27	20 11	0 2	19 52	0 18	18 0	1 43	14 58	10 52	0 2	0 43	18 10	11 40	7 23
F 31	14s 4	4s 1	0s46	22s31	3s14	11s43	1n13	24s40	1s25	15n 2	1s26	20s11	0s 3	19n52	0s18	17n59	1s43	14n58	10n52	0s 2	0s44	18n13	11s40	7n22

Julian Day Number = 2889013.5, Delta T = 01h18m24s
Ecliptic obliquity = 23°17'14, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°30'53, Lahiri = 40°37'54

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ASTRODIENST EPHEMERIS for the year 3197
geocentric

NOVEMBER 3197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 43 8	8♏56'25	23♎26	26°R48	5♏31	3♑33	15°R28	29♑30	0°R36	28°R17	17♍22	29°R54	28♓ 6	10♉44	5♒19	S 1
S 2	2 47 4	9°55'48	8♏39	26♏24	6°46	4°16	15♉20	29°33	0♊33	28♉15	17°24	29♓50	28° 3	10°50	5°20	S 2
M 3	2 51 1	10°55'12	23°56	25°53	8° 1	4°59	15°12	29°36	0°31	28°13	17°25	29°45	27°59	10°57	5°22	M 3
T 4	2 54 57	11°54'39	9♐ 5	25°13	9°16	5°42	15° 4	29°39	0°29	28°12	17°26	29°38	27°56	11° 4	5°24	T 4
W 5	2 58 54	12°54'08	23°56	24°24	10°31	6°25	14°56	29°43	0°27	28°10	17°28	29°32	27°53	11°10	5°25	W 5
T 6	3 2 50	13°53'38	8♑23	23°28	11°46	7° 9	14°47	29°46	0°24	28° 9	17°29	29°26	27°50	11°17	5°27	T 6
F 7	3 6 47	14°53'10	22°22	22°25	13° 1	7°52	14°39	29°49	0°22	28° 7	17°30	29°22	27°47	11°24	5°29	F 7
S 8	3 10 44	15°52'44	5♒52	21°17	14°16	8°35	14°31	29°52	0°20	28° 5	17°31	29°20	27°44	11°30	5°31	S 8
S 9	3 14 40	16°52'19	18°55	20° 4	15°32	9°19	14°23	29°56	0°17	28° 4	17°32	29°D19	27°40	11°37	5°33	S 9
M10	3 18 37	17°51'56	1♓34	18°49	16°47	10° 3	14°15	29°59	0°15	28° 2	17°34	29°20	27°37	11°44	5°35	M10
T 11	3 22 33	18°51'35	13°55	17°34	18° 2	10°47	14° 7	0♒ 3	0°12	28° 0	17°35	29°21	27°34	11°50	5°38	T 11
W12	3 26 30	19°51'15	26° 2	16°21	19°17	11°30	13°59	0° 7	0°10	27°59	17°36	29°R22	27°31	11°57	5°40	W12
T 13	3 30 26	20°50'57	7♈59	15°13	20°32	12°14	13°51	0°11	0° 8	27°57	17°37	29°22	27°28	12° 4	5°42	T 13
F 14	3 34 23	21°50'40	19°51	14°11	21°47	12°58	13°43	0°15	0° 5	27°55	17°38	29°19	27°24	12°11	5°45	F 14
S 15	3 38 19	22°50'26	1♉40	13°18	23° 2	13°42	13°35	0°19	0° 3	27°54	17°39	29°15	27°21	12°17	5°47	S 15
S 16	3 42 16	23°50'13	13°29	12°34	24°17	14°27	13°27	0°23	0° 0	27°52	17°40	29° 7	27°18	12°24	5°50	S 16
M17	3 46 13	24°50'02	25°21	12° 1	25°32	15°11	13°19	0°27	29♉58	27°50	17°41	28°58	27°15	12°31	5°53	M17
T 18	3 50 9	25°49'53	7♊17	11°39	26°47	15°55	13°12	0°31	29°55	27°49	17°42	28°47	27°12	12°37	5°55	T 18
W19	3 54 6	26°49'46	19°19	11°D29	28° 2	16°39	13° 4	0°35	29°53	27°47	17°43	28°36	27° 9	12°44	5°58	W19
T 20	3 58 2	27°49'41	1♋27	11°30	29°17	17°24	12°56	0°40	29°50	27°45	17°44	28°25	27° 5	12°51	6° 1	T 20
F 21	4 1 59	28°49'38	13°43	11°43	0♐33	18° 8	12°49	0°44	29°48	27°44	17°44	28°15	27° 2	12°57	6° 4	F 21
S 22	4 5 55	29°49'37	26°10	12° 5	1°48	18°53	12°41	0°49	29°45	27°42	17°45	28° 8	26°59	13° 4	6° 7	S 22
S 23	4 9 52	0♐49'38	8♌49	12°37	3° 3	19°38	12°34	0°53	29°43	27°40	17°46	28° 3	26°56	13°11	6°10	S 23
M24	4 13 49	1°49'41	21°45	13°18	4°18	20°22	12°27	0°58	29°41	27°39	17°47	28° 1	26°53	13°17	6°13	M24
T 25	4 17 45	2°49'46	4♍59	14° 7	5°33	21° 7	12°20	1° 3	29°38	27°37	17°48	28°D 0	26°50	13°24	6°16	T 25
W26	4 21 42	3°49'53	18°36	15° 2	6°48	21°52	12°13	1° 8	29°36	27°35	17°48	28° 1	26°46	13°31	6°19	W26
T 27	4 25 38	4°50'02	2♎36	16° 4	8° 4	22°37	12° 6	1°12	29°33	27°34	17°49	28°R 1	26°43	13°37	6°22	T 27
F 28	4 29 35	5°50'13	17° 0	17°11	9°19	23°22	11°59	1°17	29°31	27°32	17°50	27°59	26°40	13°44	6°26	F 28
S 29	4 33 31	6°50'26	1♏47	18°22	10°34	24° 7	11°52	1°22	29°28	27°30	17°50	27°56	26°37	13°51	6°29	S 29
S 30	4 37 28	7♐50'41	16♏51	19♏38	11♐49	24♑52	11♉46	1♒27	29♉26	27♉29	17♍51	27♓49	26♓34	13♉58	6♒32	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s23	10s58	2s 4	22s22	3s 8	12s 9	1n12	24s39	1s25	14n59	1s26	20s10	0s 3	19n51	0s18	17n59	1s43	14n57	10n52	0s 2	0s45	18n16	11s40	7n22
S 2	14 42	17 22	3 15	22 9	3 0	12 35	1 11	24 38	1 25	14 57	1 26	20 9	0 3	19 51	0 18	17 59	1 43	14 57	10 53	0 4	0 46	18 18	11 40	7 21
M 3	15 0	22 41	4 11	21 52	2 51	13 0	1 9	24 36	1 25	14 55	1 26	20 9	0 3	19 50	0 18	17 58	1 43	14 57	10 53	0 6	0 48	18 21	11 40	7 21
T 4	15 19	26 26	4 50	21 32	2 40	13 25	1 8	24 35	1 25	14 52	1 26	20 8	0 3	19 50	0 18	17 58	1 43	14 57	10 53	0 9	0 49	18 24	11 41	7 20
W 5	15 37	28 16	5 8	21 8	2 27	13 50	1 6	24 33	1 25	14 50	1 26	20 8	0 3	19 49	0 18	17 57	1 43	14 57	10 54	0 11	0 50	18 27	11 41	7 20
T 6	15 54	28 6	5 5	20 39	2 12	14 15	1 5	24 30	1 25	14 48	1 26	20 7	0 3	19 49	0 18	17 57	1 43	14 56	10 54	0 13	0 51	18 29	11 41	7 19
F 7	16 12	26 7	4 45	20 8	1 56	14 39	1 3	24 28	1 25	14 45	1 26	20 7	0 3	19 49	0 18	17 57	1 43	14 56	10 54	0 15	0 53	18 32	11 41	7 18
S 8	16 29	22 42	4 9	19 33	1 38	15 3	1 1	24 25	1 25	14 43	1 26	20 6	0 3	19 48	0 18	17 56	1 43	14 56	10 55	0 16	0 54	18 35	11 41	7 18
S 9	16 46	18 14	3 21	18 55	1 19	15 26	1 0	24 22	1 25	14 41	1 26	20 5	0 3	19 48	0 18	17 56	1 43	14 56	10 55	0 16	0 55	18 37	11 41	7 17
M10	17 3	13 6	2 24	18 16	0 59	15 49	0 58	24 19	1 25	14 39	1 26	20 5	0 3	19 47	0 18	17 56	1 43	14 56	10 55	0 16	0 56	18 40	11 41	7 17
T 11	17 19	7 33	1 22	17 35	0 39	16 12	0 56	24 16	1 25	14 36	1 26	20 4	0 3	19 47	0 18	17 55	1 43	14 56	10 56	0 15	0 58	18 43	11 41	7 16
W12	17 35	1 51	0 18	16 55	0 18	16 34	0 54	24 12	1 25	14 34	1 26	20 3	0 3	19 46	0 18	17 55	1 43	14 56	10 56	0 15	0 59	18 45	11 41	7 16
T 13	17 51	3n51	0n46	16 16	0n 2	16 56	0 52	24 8	1 25	14 32	1 26	20 2	0 3	19 46	0 18	17 54	1 43	14 55	10 56	0 15	1 0	18 48	11 41	7 15
F 14	18 7	9 23	1 48	15 39	0 22	17 17	0 50	24 4	1 25	14 30	1 26	20 2	0 4	19 45	0 18	17 54	1 43	14 55	10 57	0 16	1 1	18 51	11 41	7 14
S 15	18 22	14 33	2 44	15 5	0 41	17 38	0 48	23 59	1 24	14 27	1 25	20 1	0 4	19 45	0 18	17 54	1 43	14 55	10 57	0 18	1 3	18 53	11 41	7 14
S 16	18 37	19 11	3 34	14 35	0 58	17 58	0 46	23 54	1 24	14 25	1 25	20 0	0 4	19 44	0 18	17 53	1 43	14 55	10 57	0 21	1 4	18 56	11 41	7 13
M17	18 51	23 5	4 14	14 10	1 14	18 18	0 44	23 50	1 24	14 23	1 25	19 59	0 4	19 44	0 18	17 53	1 43	14 55	10 58	0 24	1 5	18 59	11 41	7 13
T 18	19 6	26 2	4 43	13 50	1 28	18 38	0 42	23 44	1 24	14 21	1 25	19 58	0 4	19 43	0 18	17 53	1 43	14 55	10 58	0 29	1 6	19 1	11 41	7 12
W19	19 19	27 50	5 0	13 36	1 40	18 57	0 40	23 39	1 24	14 19	1 25	19 58	0 4	19 43	0 18	17 52	1 43	14 55	10 58	0 33	1 8	19 4	11 41	7 12
T 20	19 33	28 20	5 3	13 26	1 50	19 15	0 38	23 33	1 24	14 16	1 25	19 57	0 4	19 42	0 18	17 52	1 43	14 55	10 59	0 38	1 9	19 7	11 40	7 11
F 21	19 46	27 26	4 53	13 22	1 59	19 33	0 36	23 27	1 24	14 14	1 25	19 56	0 4	19 42	0 18	17 52	1 43	14 55	10 59	0 41	1 10	19 9	11 40	7 11
S 22	19 59	25 11	4 29	13 23	2 5	19 50	0 34	23 21	1 24	14 12	1 25	19 55	0 4	19 41	0 18	17 51	1 43	14 55	11 0	0 44	1 12	19 12	11 40	7 10
S 23	20 12	21 39	3 51	13 27	2 10	20 7	0 32	23 15	1 24	14 10	1 24	19 54	0 4	19 40	0 18	17 51	1 43	14 55	11 0	0 46	1 13	19 15	11 40	7 10
M24	20 24	17 1	3 0	13 36	2 14	20 23	0 29	23 8	1 24	14 8	1 24	19 53	0 4	19 40	0 18	17 50	1 43	14 55	11 0	0 47	1 14	19 17	11 40	7 9
T 25	20 36	11 29	1 59	13 48	2 16	20 39	0 27	23 1	1 23	14 6	1 24	19 52	0 4	19 39	0 18	17 50	1 43	14 55	11 1	0 47	1 15	19 20	11 39	7 9
W26	20 47	5 15	0 50	14 4	2 17	20 54	0 25	22 54	1 23	14 4	1 24	19 51	0 4	19 39	0 18	17 50	1 43	14 55	11 1	0 47	1 17	19 22	11 39	7 8
T 27	20 58	1s24	0s24	14 21	2 17	21 9	0 22	22 46	1 23	14 2	1 24	19 50	0 4	19 38	0 18	17 49	1 43	14 55	11 1	0 47	1 18	19 25	11 39	7 8
F 28	21 9	8 10	1 39	14 41	2 15	21 22	0 20	22 39	1 23	14 1	1 23	19 49	0 5	19 38	0 18	17 49	1 43	14 56	11 2	0 48	1 19	19 28	11 38	7 7
S 29	21 19	14 40	2 49	15 3	2 13	21 36	0 18	22 31	1 23	13 59	1 23	19 48	0 5	19 37	0 18	17 49	1 43	14 56	11 2	0 49	1 20	19 30	11 38	7 7
S 30	21s29	20s25	3s49	15s26	2n10	21s48	0n15	22s22	1s23	13n57	1s23	19s47	0s 5	19n37	0s18	17n48	1s43	14n56	11n 3	0s52	1s22	19n33	11s38	7n 6

Julian Day Number = 2889044.5, Delta T = 01h18m25s
Ecliptic obliquity = 23°17'13, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°30'58, Lahiri = 40°37'58

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3197
geocentric

DECEMBER 3197 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 41 24	8♐50'58	2♐ 2	20♏56	13♐ 5	25♑37	11°R39	1♒33	29°R23	27°R27	17♍51	27°R40	26♓30	14♉ 4	6♒36	M 1
T 2	4 45 21	9°51'17	17°12	22°18	14°20	26°22	11♉33	1°38	29♉21	27♉25	17°52	27♓29	26°27	14°11	6°40	T 2
W 3	4 49 18	10°51'37	2♑ 9	23°42	15°35	27° 8	11°27	1°43	29°19	27°24	17°53	27°18	26°24	14°18	6°43	W 3
T 4	4 53 14	11°51'59	16°44	25° 8	16°50	27°53	11°21	1°48	29°16	27°22	17°53	27° 8	26°21	14°24	6°47	T 4
F 5	4 57 11	12°52'22	0♒51	26°36	18° 6	28°39	11°15	1°54	29°14	27°20	17°53	27° 0	26°18	14°31	6°50	F 5
S 6	5 1 7	13°52'47	14°28	28° 5	19°21	29°24	11°10	1°59	29°11	27°19	17°54	26°54	26°15	14°38	6°54	S 6
S 7	5 5 4	14°53'12	27°37	29°35	20°36	0♒10	11° 4	2° 5	29° 9	27°17	17°54	26°51	26°11	14°44	6°58	S 7
M 8	5 9 0	15°53'39	10♓19	1♐ 6	21°51	0°55	10°59	2°10	29° 7	27°16	17°55	26°50	26° 8	14°51	7° 2	M 8
T 9	5 12 57	16°54'07	22°40	2°38	23° 7	1°41	10°54	2°16	29° 4	27°14	17°55	26°50	26° 5	14°58	7° 6	T 9
W10	5 16 53	17°54'37	4♈46	4°10	24°22	2°27	10°49	2°22	29° 2	27°12	17°55	26°50	26° 2	15° 4	7°10	W10
T 11	5 20 50	18°55'07	16°41	5°43	25°37	3°12	10°44	2°28	29° 0	27°11	17°56	26°48	25°59	15°11	7°14	T 11
F 12	5 24 47	19°55'39	28°30	7°16	26°52	3°58	10°39	2°33	28°58	27° 9	17°56	26°44	25°56	15°18	7°18	F 12
S 13	5 28 43	20°56'12	10♉18	8°49	28° 8	4°44	10°35	2°39	28°55	27° 8	17°56	26°38	25°52	15°24	7°22	S 13
S 14	5 32 40	21°56'46	22° 9	10°23	29°23	5°30	10°30	2°45	28°53	27° 6	17°56	26°29	25°49	15°31	7°26	S 14
M15	5 36 36	22°57'21	4♊ 6	11°57	0♑38	6°16	10°26	2°51	28°51	27° 5	17°56	26°17	25°46	15°38	7°30	M15
T 16	5 40 33	23°57'58	16° 9	13°31	1°53	7° 2	10°22	2°57	28°49	27° 3	17°56	26° 3	25°43	15°45	7°35	T 16
W17	5 44 29	24°58'36	28°22	15° 5	3° 9	7°48	10°19	3° 3	28°47	27° 2	17°57	25°48	25°40	15°51	7°39	W17
T 18	5 48 26	25°59'16	10♋43	16°39	4°24	8°34	10°15	3° 9	28°44	27° 1	17°57	25°34	25°36	15°58	7°43	T 18
F 19	5 52 23	26°59'56	23°14	18°13	5°39	9°20	10°12	3°15	28°42	26°59	17°57	25°21	25°33	16° 5	7°48	F 19
S 20	5 56 19	28° 0'38	5♌54	19°47	6°54	10° 7	10° 9	3°22	28°40	26°58	17°R57	25°11	25°30	16°11	7°52	S 20
S 21	6 0 16	29° 1'22	18°45	21°21	8°10	10°53	10° 6	3°28	28°38	26°56	17°57	25° 4	25°27	16°18	7°56	S 21
M22	6 4 12	0♑ 2'06	1♍49	22°55	9°25	11°39	10° 3	3°34	28°36	26°55	17°57	25° 0	25°24	16°25	8° 1	M22
T 23	6 8 9	1° 2'52	15° 6	24°29	10°40	12°25	10° 1	3°41	28°34	26°54	17°57	24°59	25°21	16°31	8° 6	T 23
W24	6 12 5	2° 3'40	28°39	26° 3	11°56	13°12	9°58	3°47	28°32	26°52	17°56	24°59	25°17	16°38	8°10	W24
T 25	6 16 2	3° 4'28	12♎29	27°36	13°11	13°58	9°56	3°53	28°30	26°51	17°56	24°58	25°14	16°45	8°15	T 25
F 26	6 19 58	4° 5'19	26°37	29°10	14°26	14°45	9°54	4° 0	28°28	26°50	17°56	24°57	25°11	16°51	8°19	F 26
S 27	6 23 55	5° 6'10	11♏ 4	0♑44	15°41	15°31	9°53	4° 6	28°27	26°49	17°56	24°53	25° 8	16°58	8°24	S 27
S 28	6 27 52	6° 7'03	25°45	2°18	16°57	16°18	9°51	4°13	28°25	26°47	17°56	24°46	25° 5	17° 5	8°29	S 28
M29	6 31 48	7° 7'57	10♐35	3°52	18°12	17° 4	9°50	4°19	28°23	26°46	17°55	24°37	25° 2	17°12	8°33	M29
T 30	6 35 45	8° 8'52	25°27	5°26	19°27	17°51	9°49	4°26	28°21	26°45	17°55	24°26	24°58	17°18	8°38	T 30
W31	6 39 41	9♑ 9'48	10♑11	7♑ 1	20♑43	18♒38	9♉48	4♒33	28♉20	26♉44	17♍55	24♓14	24♓55	17♉25	8♒43	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s38	24s53	4s32	15s50	2n 7	22s 0	0n13	22s14	1s22	13n55	1s23	19s46	0s 5	19n36	0s18	17n48	1s43	14n56	11n 3	0s55	1s23	19n35	11s37	7n 6
T 2	21 47	27 36	4 57	16 15	2 2	22 12	0 11	22 5	1 22	13 53	1 23	19 45	0 5	19 36	0 18	17 48	1 43	14 56	11 3	1 0	1 24	19 38	11 37	7 5
W 3	21 56	28 17	5 0	16 41	1 58	22 22	0 8	21 56	1 22	13 52	1 22	19 44	0 5	19 35	0 17	17 47	1 43	14 56	11 4	1 4	1 25	19 40	11 36	7 5
T 4	22 4	26 57	4 44	17 7	1 52	22 33	0 6	21 47	1 22	13 50	1 22	19 43	0 5	19 35	0 17	17 47	1 43	14 56	11 4	1 8	1 27	19 43	11 36	7 5
F 5	22 12	23 55	4 11	17 32	1 47	22 42	0 3	21 38	1 22	13 49	1 22	19 42	0 5	19 34	0 17	17 46	1 43	14 57	11 5	1 11	1 28	19 46	11 36	7 4
S 6	22 19	19 39	3 24	17 58	1 41	22 51	0 1	21 28	1 21	13 47	1 22	19 40	0 5	19 34	0 17	17 46	1 43	14 57	11 5	1 14	1 29	19 48	11 35	7 4
S 7	22 26	14 33	2 28	18 24	1 34	22 59	0s 1	21 19	1 21	13 46	1 21	19 39	0 5	19 33	0 17	17 46	1 43	14 57	11 5	1 15	1 30	19 51	11 35	7 3
M 8	22 33	8 59	1 26	18 49	1 28	23 6	0 4	21 8	1 21	13 44	1 21	19 38	0 5	19 33	0 17	17 45	1 43	14 57	11 6	1 15	1 32	19 53	11 34	7 3
T 9	22 39	3 14	0 22	19 13	1 21	23 13	0 6	20 58	1 21	13 43	1 21	19 37	0 5	19 32	0 17	17 45	1 43	14 57	11 6	1 15	1 33	19 56	11 34	7 2
W10	22 44	2n31	0n42	19 38	1 14	23 19	0 9	20 48	1 20	13 42	1 21	19 36	0 5	19 32	0 17	17 45	1 42	14 58	11 7	1 15	1 34	19 58	11 33	7 2
T 11	22 50	8 6	1 43	20 1	1 7	23 24	0 11	20 37	1 20	13 40	1 20	19 34	0 5	19 31	0 17	17 44	1 42	14 58	11 7	1 16	1 35	20 1	11 32	7 2
F 12	22 54	13 21	2 39	20 24	1 0	23 28	0 13	20 26	1 20	13 39	1 20	19 33	0 5	19 31	0 17	17 44	1 42	14 58	11 7	1 17	1 37	20 3	11 32	7 1
S 13	22 59	18 7	3 28	20 45	0 53	23 32	0 16	20 15	1 20	13 38	1 20	19 32	0 6	19 31	0 17	17 44	1 42	14 58	11 8	1 20	1 38	20 6	11 31	7 1
S 14	23 3	22 11	4 8	21 6	0 46	23 35	0 18	20 3	1 19	13 37	1 20	19 31	0 6	19 30	0 17	17 44	1 42	14 59	11 8	1 24	1 39	20 8	11 31	7 0
M15	23 6	25 23	4 38	21 26	0 39	23 38	0 21	19 52	1 19	13 36	1 19	19 29	0 6	19 30	0 17	17 43	1 42	14 59	11 9	1 28	1 40	20 11	11 30	7 0
T 16	23 9	27 28	4 55	21 45	0 32	23 39	0 23	19 40	1 19	13 35	1 19	19 28	0 6	19 29	0 17	17 43	1 42	14 59	11 9	1 34	1 42	20 13	11 29	7 0
W17	23 12	28 16	4 59	22 3	0 24	23 40	0 25	19 28	1 18	13 34	1 19	19 27	0 6	19 29	0 17	17 43	1 42	15 0	11 9	1 40	1 43	20 16	11 28	6 59
T 18	23 14	27 40	4 49	22 20	0 17	23 41	0 28	19 16	1 18	13 33	1 19	19 25	0 6	19 28	0 17	17 42	1 42	15 0	11 10	1 45	1 44	20 18	11 28	6 59
F 19	23 15	25 40	4 25	22 36	0 10	23 40	0 30	19 3	1 18	13 33	1 18	19 24	0 6	19 28	0 17	17 42	1 42	15 0	11 10	1 50	1 45	20 21	11 27	6 59
S 20	23 16	22 21	3 48	22 51	0 3	23 39	0 32	18 51	1 18	13 32	1 18	19 23	0 6	19 27	0 17	17 42	1 42	15 1	11 11	1 54	1 47	20 23	11 26	6 58
S 21	23 17	17 56	2 59	23 4	0s 4	23 37	0 35	18 38	1 17	13 31	1 18	19 21	0 6	19 27	0 17	17 41	1 42	15 1	11 11	1 57	1 48	20 26	11 26	6 58
M22	23 17	12 37	1 59	23 17	0 11	23 34	0 37	18 25	1 17	13 31	1 18	19 20	0 6	19 27	0 17	17 41	1 42	15 2	11 11	1 58	1 49	20 28	11 25	6 58
T 23	23 17	6 38	0 52	23 28	0 18	23 31	0 39	18 11	1 17	13 30	1 17	19 18	0 6	19 26	0 17	17 41	1 42	15 2	11 12	1 59	1 50	20 31	11 24	6 57
W24	23 16	0 14	0s19	23 38	0 25	23 27	0 41	17 58	1 16	13 30	1 17	19 17	0 6	19 26	0 17	17 41	1 42	15 2	11 12	1 59	1 52	20 33	11 23	6 57
T 25	23 15	6s18	1 31	23 47	0 31	23 22	0 44	17 44	1 16	13 29	1 17	19 16	0 6	19 25	0 17	17 40	1 42	15 3	11 13	1 59	1 53	20 36	11 22	6 57
F 26	23 13	12 40	2 39	23 55	0 38	23 16	0 46	17 31	1 15	13 29	1 16	19 14	0 6	19 25	0 17	17 40	1 42	15 3	11 13	2 0	1 54	20 38	11 21	6 56
S 27	23 11	18 30	3 38	24 1	0 44	23 10	0 48	17 17	1 15	13 29	1 16	19 13	0 6	19 24	0 17	17 40	1 42	15 4	11 13	2 1	1 55	20 41	11 21	6 56
S 28	23 9	23 20	4 23	24 6	0 50	23 3	0 50	17 2	1 15	13 28	1 16	19 11	0 7	19 24	0 17	17 40	1 42	15 4	11 14	2 4	1 57	20 43	11 20	6 56
M29	23 6	26 42	4 52	24 10	0 56	22 55	0 52	16 48	1 14	13 28	1 16	19 10	0 7	19 24	0 17	17 39	1 42	15 5	11 14	2 8	1 58	20 46	11 19	6 55
T 30	23 2	28 13	5 1	24 13	1 2	22 47	0 54	16 33	1 14	13 28	1 15	19 8	0 7	19 23	0 17	17 39	1 42	15 5	11 15	2 12	1 59	20 48	11 18	6 55
W31	22s58	27s42	4s49	24s14	1s 8	22s38	0s56	16s19	1s14	13n28	1s15	19s 7	0s 7	19n23	0s17	17n39	1s42	15n 6	11n15	2s17	2s 0	20n50	11s17	6n55

Julian Day Number = 2889074.5, Delta T = 01h18m26s
Ecliptic obliquity = 23°17'12, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°31'02, Lahiri = 40°38'02

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ASTRODIENST EPHEMERIS for the year 3198
geocentric

JANUARY 3198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 43 38	10♑10'45	24♑39	8♑35	21♑58	19♒24	9°R47	4♒39	28°R18	26°R43	17°R54	24°R 3	24♓52	17♉32	8♒48	T 1
F 2	6 47 34	11°11'43	8♒44	10° 9	23°13	20°11	9♉47	4°46	28♉16	26♉42	17♏54	23♓54	24°49	17°38	8°53	F 2
S 3	6 51 31	12°12'41	22°24	11°43	24°29	20°58	9°46	4°53	28°15	26°40	17°54	23°47	24°46	17°45	8°58	S 3
S 4	6 55 27	13°13'40	5♓36	13°18	25°44	21°45	9°D46	4°59	28°13	26°39	17°53	23°43	24°42	17°52	9° 3	S 4
M 5	6 59 24	14°14'39	18°23	14°53	26°59	22°31	9°47	5° 6	28°12	26°38	17°53	23°D42	24°39	17°58	9° 8	M 5
T 6	7 3 21	15°15'39	0♈48	16°27	28°14	23°18	9°47	5°13	28°10	26°37	17°52	23°42	24°36	18° 5	9°12	T 6
W 7	7 7 17	16°16'39	12°56	18° 2	29°30	24° 5	9°48	5°20	28° 9	26°36	17°52	23°R42	24°33	18°12	9°17	W 7
T 8	7 11 14	17°17'39	24°53	19°37	0♒45	24°52	9°48	5°27	28° 7	26°35	17°51	23°42	24°30	18°19	9°23	T 8
F 9	7 15 10	18°18'40	6♉43	21°13	2° 0	25°39	9°49	5°34	28° 6	26°35	17°50	23°40	24°27	18°25	9°28	F 9
S 10	7 19 7	19°19'41	18°33	22°48	3°16	26°26	9°51	5°41	28° 5	26°34	17°50	23°36	24°23	18°32	9°33	S 10
S 11	7 23 3	20°20'42	0♊26	24°24	4°31	27°13	9°52	5°48	28° 4	26°33	17°49	23°29	24°20	18°39	9°38	S 11
M12	7 27 0	21°21'44	12°27	26° 0	5°46	28° 0	9°54	5°55	28° 2	26°32	17°48	23°20	24°17	18°45	9°43	M12
T 13	7 30 57	22°22'46	24°37	27°36	7° 1	28°47	9°55	6° 1	28° 1	26°31	17°48	23° 9	24°14	18°52	9°48	T 13
W14	7 34 53	23°23'48	7♋ 1	29°12	8°17	29°34	9°57	6° 8	28° 0	26°30	17°47	22°57	24°11	18°59	9°53	W14
T 15	7 38 50	24°24'50	19°37	0♒49	9°32	0♓21	10° 0	6°15	27°59	26°30	17°46	22°46	24° 8	19° 5	9°58	T 15
F 16	7 42 46	25°25'53	2♌26	2°25	10°47	1° 8	10° 2	6°22	27°58	26°29	17°46	22°36	24° 4	19°12	10° 3	F 16
S 17	7 46 43	26°26'56	15°27	4° 2	12° 2	1°55	10° 5	6°30	27°57	26°28	17°45	22°28	24° 1	19°19	10° 9	S 17
S 18	7 50 39	27°28'00	28°39	5°40	13°17	2°42	10° 8	6°37	27°56	26°28	17°44	22°23	23°58	19°25	10°14	S 18
M19	7 54 36	28°29'03	12♍ 2	7°17	14°33	3°29	10°11	6°44	27°55	26°27	17°43	22°20	23°55	19°32	10°19	M19
T 20	7 58 32	29°30'07	25°36	8°54	15°48	4°17	10°14	6°51	27°54	26°27	17°42	22°D20	23°52	19°39	10°24	T 20
W21	8 2 29	0♒31'12	9♎19	10°32	17° 3	5° 4	10°17	6°58	27°54	26°26	17°41	22°20	23°48	19°46	10°29	W21
T 22	8 6 26	1°32'17	23°12	12° 9	18°18	5°51	10°21	7° 5	27°53	26°26	17°40	22°22	23°45	19°52	10°35	T 22
F 23	8 10 22	2°33'22	7♏14	13°47	19°33	6°38	10°25	7°12	27°52	26°25	17°39	22°R22	23°42	19°59	10°40	F 23
S 24	8 14 19	3°34'28	21°26	15°25	20°49	7°25	10°29	7°19	27°52	26°25	17°38	22°20	23°39	20° 6	10°45	S 24
S 25	8 18 15	4°35'34	5♐46	17° 2	22° 4	8°12	10°33	7°26	27°51	26°24	17°37	22°17	23°36	20°12	10°50	S 25
M26	8 22 12	5°36'40	20° 9	18°39	23°19	9° 0	10°37	7°33	27°50	26°24	17°36	22°11	23°33	20°19	10°56	M26
T 27	8 26 8	6°37'47	4♑32	20°16	24°34	9°47	10°42	7°40	27°50	26°23	17°35	22° 4	23°29	20°26	11° 1	T 27
W28	8 30 5	7°38'54	18°49	21°52	25°49	10°34	10°47	7°48	27°50	26°23	17°34	21°56	23°26	20°32	11° 6	W28
T 29	8 34 1	8°40'00	2♒54	23°27	27° 4	11°21	10°52	7°55	27°49	26°23	17°33	21°49	23°23	20°39	11°11	T 29
F 30	8 37 58	9°41'06	16°43	25° 2	28°19	12° 9	10°57	8° 2	27°49	26°23	17°32	21°43	23°20	20°46	11°17	F 30
S 31	8 41 55	10♒42'12	0♓12	26♒35	29♒34	12♓56	11♉ 2	8♒ 9	27♉49	26♉22	17♏31	21♓39	23♓17	20♉53	11♒22	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s54	25s19	4s19	24s14	1s13	22s28	0s58	16s 4	1s13	13n28	1s15	19s 5	0s 7	19n23	0s17	17n39	1s42	15n 6	11n15	2s21	2s 2	20n53	11s16	6n55
F 2	22 49	21 24	3 34	24 13	1 19	22 17	1 0	15 49	1 13	13 28	1 14	19 4	0 7	19 22	0 17	17 39	1 42	15 7	11 16	2 25	2 3	20 55	11 15	6 54
S 3	22 44	16 27	2 38	24 10	1 24	22 6	1 2	15 34	1 12	13 29	1 14	19 2	0 7	19 22	0 17	17 38	1 42	15 7	11 16	2 27	2 4	20 58	11 14	6 54
S 4	22 38	10 52	1 35	24 6	1 29	21 54	1 4	15 18	1 12	13 29	1 14	19 1	0 7	19 22	0 17	17 38	1 42	15 8	11 16	2 29	2 5	21 0	11 13	6 54
M 5	22 32	5 0	0 28	24 1	1 34	21 42	1 6	15 3	1 11	13 29	1 13	18 59	0 7	19 21	0 17	17 38	1 42	15 8	11 17	2 29	2 7	21 3	11 12	6 54
T 6	22 25	0n54	0n38	23 54	1 38	21 29	1 7	14 47	1 11	13 30	1 13	18 57	0 7	19 21	0 17	17 38	1 42	15 9	11 17	2 29	2 8	21 5	11 11	6 53
W 7	22 18	6 37	1 41	23 46	1 42	21 15	1 9	14 31	1 11	13 30	1 13	18 56	0 7	19 21	0 17	17 38	1 41	15 9	11 18	2 29	2 9	21 7	11 10	6 53
T 8	22 11	12 1	2 38	23 37	1 46	21 1	1 11	14 15	1 10	13 31	1 13	18 54	0 7	19 20	0 17	17 37	1 41	15 10	11 18	2 29	2 10	21 10	11 9	6 53
F 9	22 3	16 57	3 28	23 26	1 50	20 46	1 12	13 59	1 10	13 31	1 12	18 53	0 7	19 20	0 17	17 37	1 41	15 10	11 18	2 30	2 12	21 12	11 8	6 53
S 10	21 54	21 13	4 9	23 14	1 54	20 30	1 14	13 43	1 9	13 32	1 12	18 51	0 7	19 20	0 17	17 37	1 41	15 11	11 19	2 32	2 13	21 15	11 7	6 53
S 11	21 45	24 40	4 39	23 1	1 57	20 14	1 15	13 26	1 9	13 33	1 12	18 49	0 7	19 20	0 17	17 37	1 41	15 11	11 19	2 34	2 14	21 17	11 5	6 52
M12	21 36	27 4	4 58	22 46	2 0	19 57	1 17	13 10	1 8	13 33	1 11	18 48	0 8	19 19	0 17	17 37	1 41	15 12	11 19	2 38	2 15	21 19	11 4	6 52
T 13	21 27	28 14	5 3	22 30	2 2	19 40	1 18	12 53	1 8	13 34	1 11	18 46	0 8	19 19	0 17	17 37	1 41	15 13	11 20	2 42	2 17	21 22	11 3	6 52
W14	21 16	28 0	4 54	22 13	2 4	19 22	1 20	12 36	1 7	13 35	1 11	18 45	0 8	19 19	0 17	17 37	1 41	15 13	11 20	2 47	2 18	21 24	11 2	6 52
T 15	21 6	26 20	4 31	21 54	2 6	19 3	1 21	12 19	1 7	13 36	1 10	18 43	0 8	19 19	0 17	17 36	1 41	15 14	11 20	2 51	2 19	21 26	11 1	6 52
F 16	20 55	23 17	3 54	21 34	2 8	18 44	1 22	12 2	1 6	13 37	1 10	18 41	0 8	19 19	0 17	17 36	1 41	15 15	11 21	2 55	2 20	21 29	11 0	6 52
S 17	20 44	19 2	3 4	21 13	2 9	18 25	1 24	11 45	1 6	13 38	1 10	18 39	0 8	19 18	0 17	17 36	1 41	15 15	11 21	2 58	2 22	21 31	10 58	6 51
S 18	20 32	13 48	2 3	20 50	2 10	18 5	1 25	11 28	1 5	13 40	1 10	18 38	0 8	19 18	0 17	17 36	1 41	15 16	11 21	3 0	2 23	21 33	10 57	6 51
M19	20 20	7 51	0 55	20 26	2 10	17 44	1 26	11 10	1 5	13 41	1 9	18 36	0 8	19 18	0 17	17 36	1 41	15 16	11 22	3 1	2 24	21 36	10 56	6 51
T 20	20 8	1 28	0s18	20 1	2 10	17 23	1 27	10 53	1 4	13 42	1 9	18 34	0 8	19 18	0 17	17 36	1 41	15 17	11 22	3 2	2 25	21 38	10 55	6 51
W21	19 55	5s 3	1 30	19 34	2 10	17 1	1 28	10 35	1 4	13 43	1 9	18 33	0 8	19 18	0 17	17 36	1 41	15 18	11 22	3 1	2 27	21 40	10 54	6 51
T 22	19 41	11 24	2 38	19 6	2 9	16 39	1 29	10 17	1 3	13 45	1 8	18 31	0 8	19 18	0 17	17 36	1 41	15 18	11 23	3 1	2 28	21 43	10 52	6 51
F 23	19 28	17 16	3 38	18 37	2 7	16 17	1 29	10 0	1 3	13 46	1 8	18 29	0 8	19 17	0 17	17 36	1 41	15 19	11 23	3 1	2 29	21 45	10 51	6 51
S 24	19 14	22 16	4 24	18 6	2 5	15 54	1 30	9 42	1 2	13 48	1 8	18 28	0 8	19 17	0 17	17 36	1 41	15 20	11 23	3 1	2 30	21 47	10 50	6 51
S 25	19 0	25 58	4 55	17 35	2 3	15 30	1 31	9 24	1 2	13 49	1 8	18 26	0 8	19 17	0 17	17 36	1 41	15 20	11 24	3 3	2 32	21 49	10 48	6 51
M26	18 45	28 2	5 7	17 2	1 59	15 6	1 32	9 5	1 1	13 51	1 7	18 24	0 8	19 17	0 16	17 36	1 41	15 21	11 24	3 5	2 33	21 52	10 47	6 51
T 27	18 30	28 13	5 0	16 28	1 56	14 42	1 32	8 47	1 1	13 53	1 7	18 22	0 9	19 17	0 16	17 36	1 40	15 22	11 24	3 8	2 34	21 54	10 46	6 50
W28	18 14	26 31	4 35	15 53	1 51	14 17	1 33	8 29	1 0	13 54	1 7	18 21	0 9	19 17	0 16	17 36	1 40	15 22	11 25	3 11	2 35	21 56	10 44	6 50
T 29	17 59	23 9	3 53	15 17	1 46	13 52	1 33	8 11	0 59	13 56	1 6	18 19	0 9	19 17	0 16	17 36	1 40	15 23	11 25	3 14	2 37	21 59	10 43	6 50
F 30	17 43	18 33	2 58	14 40	1 40	13 27	1 33	7 52	0 59	13 58	1 6	18 17	0 9	19 17	0 16	17 36	1 40	15 24	11 25	3 16	2 38	22 1	10 42	6 50
S 31	17s26	13s 6	1s53	14s 3	1s34	13s 1	1s34	7s34	0s58	14n 0	1s 6	18s15	0s 9	19n17	0s16	17n36	1s40	15n25	11n25	3s18	2s39	22n 3	10s40	6n50

Julian Day Number = 2889105.5, Delta T = 01h18m26s
Ecliptic obliquity = 23°17'12, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°31'06, Lahiri = 40°38'07

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ASTRODIENST EPHEMERIS for the year 3198
geocentric

FEBRUARY 3198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 45 51	11♒43'18	13♓19	28♒ 7	0♓50	13♓43	11♉ 8	8♒16	27°R48	26°R22	17°R30	21°R37	23♓14	20♉59	11♒27	S 1
M 2	8 49 48	12°44'23	26° 5	29°37	2° 5	14°30	11°13	8°23	27♉48	26♉22	17♍29	21°D36	23°10	21° 6	11°33	M 2
T 3	8 53 44	13°45'28	8♈32	1♓ 4	3°20	15°18	11°19	8°30	27°48	26°22	17°27	21♓37	23° 7	21°13	11°38	T 3
W 4	8 57 41	14°46'32	20°42	2°29	4°35	16° 5	11°25	8°37	27°48	26°22	17°26	21°39	23° 4	21°19	11°43	W 4
T 5	9 1 37	15°47'35	2♉42	3°50	5°50	16°52	11°31	8°44	27°D48	26°D22	17°25	21°41	23° 1	21°26	11°48	T 5
F 6	9 5 34	16°48'38	14°34	5° 8	7° 5	17°40	11°38	8°51	27°48	26°22	17°24	21°R42	22°58	21°33	11°54	F 6
S 7	9 9 30	17°49'40	26°25	6°21	8°20	18°27	11°44	8°59	27°48	26°22	17°22	21°41	22°54	21°40	11°59	S 7
S 8	9 13 27	18°50'41	8♊19	7°29	9°35	19°14	11°51	9° 6	27°48	26°22	17°21	21°39	22°51	21°46	12° 4	S 8
M 9	9 17 24	19°51'42	20°22	8°30	10°50	20° 1	11°58	9°13	27°48	26°22	17°20	21°36	22°48	21°53	12° 9	M 9
T 10	9 21 20	20°52'42	2♋36	9°25	12° 4	20°49	12° 5	9°20	27°49	26°22	17°19	21°31	22°45	22° 0	12°15	T 10
W11	9 25 17	21°53'41	15° 6	10°12	13°19	21°36	12°12	9°27	27°49	26°22	17°17	21°26	22°42	22° 6	12°20	W11
T 12	9 29 13	22°54'39	27°53	10°51	14°34	22°23	12°19	9°34	27°49	26°23	17°16	21°21	22°39	22°13	12°25	T 12
F 13	9 33 10	23°55'36	10♌57	11°20	15°49	23°10	12°27	9°41	27°50	26°23	17°15	21°17	22°35	22°20	12°30	F 13
S 14	9 37 6	24°56'32	24°19	11°39	17° 4	23°58	12°35	9°48	27°50	26°23	17°13	21°13	22°32	22°26	12°35	S 14
S 15	9 41 3	25°57'28	7♍56	11°R47	18°19	24°45	12°42	9°55	27°51	26°24	17°12	21°11	22°29	22°33	12°41	S 15
M16	9 44 59	26°58'23	21°46	11°43	19°33	25°32	12°50	10° 1	27°51	26°24	17°11	21°D11	22°26	22°40	12°46	M16
T 17	9 48 56	27°59'17	5♎46	11°29	20°48	26°19	12°58	10° 8	27°52	26°24	17° 9	21°11	22°23	22°47	12°51	T 17
W18	9 52 53	29° 0'11	19°53	11° 3	22° 3	27° 6	13° 7	10°15	27°53	26°25	17° 8	21°13	22°20	22°53	12°56	W18
T 19	9 56 49	0♓ 1'04	4♏ 4	10°26	23°17	27°53	13°15	10°22	27°53	26°25	17° 6	21°14	22°16	23° 0	13° 1	T 19
F 20	10 0 46	1° 1'56	18°16	9°40	24°32	28°41	13°24	10°29	27°54	26°26	17° 5	21°15	22°13	23° 7	13° 6	F 20
S 21	10 4 42	2° 2'48	2♐27	8°44	25°47	29°28	13°32	10°36	27°55	26°26	17° 3	21°R16	22°10	23°13	13°11	S 21
S 22	10 8 39	3° 3'39	16°36	7°42	27° 1	0♈15	13°41	10°43	27°56	26°27	17° 2	21°15	22° 7	23°20	13°16	S 22
M23	10 12 35	4° 4'29	0♑39	6°34	28°16	1° 2	13°50	10°49	27°57	26°27	17° 1	21°14	22° 4	23°27	13°21	M23
T 24	10 16 32	5° 5'19	14°36	5°22	29°30	1°49	13°59	10°56	27°58	26°28	16°59	21°12	22° 0	23°33	13°26	T 24
W25	10 20 28	6° 6'08	28°23	4°10	0♈45	2°36	14° 8	11° 3	27°59	26°29	16°58	21°10	21°57	23°40	13°31	W25
T 26	10 24 25	7° 6'56	11♒59	2°58	1°59	3°23	14°18	11° 9	28° 0	26°29	16°56	21° 8	21°54	23°47	13°36	T 26
F 27	10 28 22	8° 7'43	25°22	1°48	3°14	4°10	14°27	11°16	28° 1	26°30	16°55	21° 6	21°51	23°54	13°41	F 27
S 28	10 32 18	9♓ 8'28	8♓30	0♓43	4♈28	4♈57	14♉37	11♒23	28♉ 2	26♉31	16♍53	21♓ 5	21♓48	24♉ 0	13♒46	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s10	7s12	0s45	13s25	1s27	12s35	1s34	7s15	0s58	14n 2	1s 6	18s14	0s 9	19n17	0s16	17n36	1s40	15n25	11n26	3s18	2s40	22n 5	10s39	6n50
M 2	16 53	1 10	0n24	12 46	1 19	12 8	1 34	6 56	0 57	14 4	1 5	18 12	0 9	19 17	0 16	17 36	1 40	15 26	11 26	3 19	2 42	22 8	10 38	6 50
T 3	16 35	4n45	1 31	12 7	1 10	11 41	1 34	6 38	0 57	14 6	1 5	18 10	0 9	19 17	0 16	17 36	1 40	15 27	11 26	3 18	2 43	22 10	10 36	6 50
W 4	16 18	10 23	2 32	11 27	1 0	11 14	1 34	6 19	0 56	14 8	1 5	18 8	0 9	19 17	0 16	17 36	1 40	15 27	11 27	3 17	2 44	22 12	10 35	6 50
T 5	16 0	15 32	3 25	10 48	0 49	10 47	1 34	6 0	0 55	14 10	1 5	18 7	0 9	19 17	0 16	17 36	1 40	15 28	11 27	3 17	2 45	22 14	10 33	6 50
F 6	15 42	20 4	4 9	10 9	0 38	10 19	1 34	5 41	0 55	14 12	1 4	18 5	0 9	19 17	0 16	17 36	1 40	15 29	11 27	3 16	2 47	22 17	10 32	6 50
S 7	15 23	23 48	4 42	9 31	0 25	9 51	1 34	5 22	0 54	14 15	1 4	18 3	0 9	19 17	0 16	17 36	1 40	15 30	11 27	3 17	2 48	22 19	10 31	6 50
S 8	15 5	26 33	5 4	8 54	0 12	9 23	1 34	5 3	0 54	14 17	1 4	18 1	0 9	19 17	0 16	17 36	1 40	15 30	11 28	3 17	2 49	22 21	10 29	6 50
M 9	14 46	28 8	5 12	8 18	0n 2	8 54	1 33	4 44	0 53	14 19	1 3	17 59	0 9	19 17	0 16	17 36	1 40	15 31	11 28	3 19	2 50	22 23	10 28	6 50
T 10	14 27	28 22	5 6	7 44	0 17	8 25	1 33	4 25	0 52	14 22	1 3	17 58	0 10	19 17	0 16	17 36	1 40	15 32	11 28	3 20	2 52	22 25	10 26	6 50
W11	14 7	27 11	4 46	7 11	0 33	7 56	1 32	4 6	0 52	14 24	1 3	17 56	0 10	19 17	0 16	17 36	1 40	15 32	11 28	3 22	2 53	22 28	10 25	6 50
T 12	13 48	24 34	4 11	6 42	0 49	7 27	1 32	3 47	0 51	14 27	1 3	17 54	0 10	19 17	0 16	17 36	1 40	15 33	11 29	3 24	2 54	22 30	10 23	6 51
F 13	13 28	20 37	3 23	6 15	1 6	6 58	1 31	3 28	0 50	14 29	1 2	17 52	0 10	19 17	0 16	17 36	1 39	15 34	11 29	3 26	2 55	22 32	10 22	6 51
S 14	13 8	15 34	2 22	5 52	1 23	6 28	1 31	3 9	0 50	14 32	1 2	17 51	0 10	19 17	0 16	17 37	1 39	15 35	11 29	3 28	2 57	22 34	10 20	6 51
S 15	12 47	9 40	1 12	5 33	1 40	5 58	1 30	2 50	0 49	14 34	1 2	17 49	0 10	19 18	0 16	17 37	1 39	15 35	11 29	3 28	2 58	22 36	10 19	6 51
M16	12 27	3 12	0s 3	5 18	1 58	5 29	1 29	2 31	0 49	14 37	1 2	17 47	0 10	19 18	0 16	17 37	1 39	15 36	11 29	3 29	2 59	22 38	10 18	6 51
T 17	12 6	3s30	1 19	5 8	2 14	4 59	1 28	2 11	0 48	14 39	1 1	17 45	0 10	19 18	0 16	17 37	1 39	15 37	11 30	3 28	3 0	22 41	10 16	6 51
W18	11 45	10 4	2 31	5 3	2 31	4 28	1 27	1 52	0 47	14 42	1 1	17 43	0 10	19 18	0 16	17 37	1 39	15 38	11 30	3 28	3 2	22 43	10 15	6 51
T 19	11 24	16 10	3 35	5 3	2 46	3 58	1 26	1 33	0 47	14 45	1 1	17 42	0 10	19 18	0 16	17 37	1 39	15 38	11 30	3 27	3 3	22 45	10 13	6 51
F 20	11 2	21 24	4 25	5 7	2 59	3 28	1 25	1 14	0 46	14 48	1 1	17 40	0 10	19 18	0 16	17 38	1 39	15 39	11 30	3 27	3 4	22 47	10 12	6 51
S 21	10 41	25 24	4 59	5 17	3 11	2 57	1 24	0 54	0 45	14 50	1 0	17 38	0 10	19 19	0 16	17 38	1 39	15 40	11 30	3 27	3 5	22 49	10 10	6 51
S 22	10 19	27 50	5 14	5 31	3 21	2 26	1 23	0 35	0 45	14 53	1 0	17 36	0 10	19 19	0 16	17 38	1 39	15 40	11 30	3 27	3 7	22 51	10 9	6 52
M23	9 57	28 28	5 11	5 48	3 29	1 56	1 21	0 16	0 44	14 56	1 0	17 35	0 11	19 19	0 16	17 38	1 39	15 41	11 31	3 27	3 8	22 53	10 7	6 52
T 24	9 35	27 17	4 50	6 9	3 35	1 25	1 20	0n 3	0 43	14 59	1 0	17 33	0 11	19 19	0 16	17 38	1 39	15 42	11 31	3 28	3 9	22 56	10 6	6 52
W25	9 13	24 27	4 11	6 32	3 38	0 54	1 18	0 22	0 43	15 2	1 0	17 31	0 11	19 20	0 16	17 38	1 39	15 43	11 31	3 29	3 10	22 58	10 4	6 52
T 26	8 51	20 17	3 20	6 58	3 38	0 23	1 17	0 42	0 42	15 5	0 59	17 29	0 11	19 20	0 16	17 39	1 39	15 43	11 31	3 30	3 12	23 0	10 2	6 52
F 27	8 28	15 9	2 17	7 24	3 36	0n 7	1 15	1 1	0 41	15 8	0 59	17 28	0 11	19 20	0 16	17 39	1 39	15 44	11 31	3 30	3 13	23 2	10 1	6 52
S 28	8s 6	9s24	1s 9	7s50	3n32	0n38	1s14	1n20	0s41	15n11	0s59	17s26	0s11	19n20	0s16	17n39	1s39	15n45	11n31	3s31	3s14	23n 4	9s59	6n53

Julian Day Number = 2889136.5, Delta T = 01h18m27s
Ecliptic obliquity = 23°17'13, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°31'10, Lahiri = 40°38'11

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ASTRODIENST EPHEMERIS for the year 3198
geocentric

MARCH 3198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 36 15	10♓ 9'13	21♓22	29°R43	5♈43	5♈44	14♉47	11♒29	28♉ 3	26♉32	16°R52	21°D 5	21♓45	24♉ 7	13♒51	S 1
M 2	10 40 11	11° 9'56	3♈58	28♒50	6°57	6°31	14°56	11°36	28° 5	26°32	16♍50	21♓ 5	21°41	24°14	13°56	M 2
T 3	10 44 8	12°10'38	16°20	28° 4	8°11	7°18	15° 6	11°42	28° 6	26°33	16°49	21° 6	21°38	24°20	14° 1	T 3
W 4	10 48 4	13°11'18	28°29	27°26	9°26	8° 5	15°17	11°49	28° 7	26°34	16°47	21° 6	21°35	24°27	14° 5	W 4
T 5	10 52 1	14°11'57	10♉29	26°56	10°40	8°52	15°27	11°55	28° 9	26°35	16°46	21° 7	21°32	24°34	14°10	T 5
F 6	10 55 57	15°12'35	22°22	26°34	11°54	9°39	15°37	12° 1	28°10	26°36	16°44	21° 8	21°29	24°41	14°15	F 6
S 7	10 59 54	16°13'11	4♊13	26°19	13° 8	10°26	15°48	12° 8	28°12	26°37	16°43	21° 8	21°26	24°47	14°19	S 7
S 8	11 3 51	17°13'45	16° 7	26°D12	14°22	11°13	15°58	12°14	28°13	26°38	16°41	21°R 9	21°22	24°54	14°24	S 8
M 9	11 7 47	18°14'17	28° 9	26°12	15°36	12° 0	16° 9	12°20	28°15	26°39	16°40	21° 8	21°19	25° 1	14°29	M 9
T 10	11 11 44	19°14'48	10♋22	26°20	16°50	12°47	16°20	12°26	28°17	26°40	16°38	21° 8	21°16	25° 7	14°33	T 10
W11	11 15 40	20°15'18	22°51	26°33	18° 4	13°33	16°30	12°33	28°18	26°41	16°37	21° 8	21°13	25°14	14°38	W11
T 12	11 19 37	21°15'45	5♌41	26°52	19°18	14°20	16°41	12°39	28°20	26°43	16°35	21°D 8	21°10	25°21	14°42	T 12
F 13	11 23 33	22°16'11	18°52	27°17	20°32	15° 7	16°52	12°45	28°22	26°44	16°34	21° 8	21° 6	25°27	14°47	F 13
S 14	11 27 30	23°16'35	2♍26	27°47	21°46	15°54	17° 4	12°51	28°24	26°45	16°32	21° 8	21° 3	25°34	14°51	S 14
S 15	11 31 26	24°16'57	16°22	28°22	23° 0	16°40	17°15	12°57	28°26	26°46	16°31	21°R 8	21° 0	25°41	14°56	S 15
M16	11 35 23	25°17'17	0♎36	29° 1	24°13	17°27	17°26	13° 2	28°27	26°47	16°29	21° 8	20°57	25°48	15° 0	M16
T 17	11 39 20	26°17'37	15° 5	29°44	25°27	18°14	17°38	13° 8	28°29	26°49	16°28	21° 8	20°54	25°54	15° 4	T 17
W18	11 43 16	27°17'54	29°41	0♓31	26°41	19° 0	17°49	13°14	28°31	26°50	16°26	21° 8	20°51	26° 1	15° 8	W18
T 19	11 47 13	28°18'10	14♏20	1°22	27°54	19°47	18° 1	13°20	28°34	26°51	16°25	21° 7	20°47	26° 8	15°13	T 19
F 20	11 51 9	29°18'25	28°54	2°16	29° 8	20°33	18°13	13°26	28°36	26°53	16°23	21° 6	20°44	26°14	15°17	F 20
S 21	11 55 6	0♈18'39	13♐19	3°12	0♉21	21°20	18°25	13°31	28°38	26°54	16°22	21° 5	20°41	26°21	15°21	S 21
S 22	11 59 2	1°18'51	27°31	4°12	1°35	22° 6	18°36	13°37	28°40	26°56	16°20	21°D 5	20°38	26°28	15°25	S 22
M23	12 2 59	2°19'01	11♑28	5°14	2°48	22°52	18°48	13°42	28°42	26°57	16°19	21° 5	20°35	26°35	15°29	M23
T 24	12 6 55	3°19'11	25° 9	6°19	4° 1	23°39	19° 1	13°48	28°44	26°59	16°17	21° 6	20°32	26°41	15°33	T 24
W25	12 10 52	4°19'18	8♒35	7°26	5°15	24°25	19°13	13°53	28°47	27° 0	16°16	21° 7	20°28	26°48	15°37	W25
T 26	12 14 49	5°19'25	21°47	8°35	6°28	25°11	19°25	13°58	28°49	27° 2	16°15	21° 8	20°25	26°55	15°41	T 26
F 27	12 18 45	6°19'29	4♓44	9°46	7°41	25°58	19°37	14° 4	28°51	27° 3	16°13	21° 9	20°22	27° 1	15°45	F 27
S 28	12 22 42	7°19'32	17°29	10°59	8°54	26°44	19°50	14° 9	28°54	27° 5	16°12	21°R 9	20°19	27° 8	15°48	S 28
S 29	12 26 38	8°19'33	0♈ 1	12°14	10° 7	27°30	20° 2	14°14	28°56	27° 6	16°10	21° 9	20°16	27°15	15°52	S 29
M30	12 30 35	9°19'33	12°23	13°31	11°20	28°16	20°15	14°19	28°59	27° 8	16° 9	21° 8	20°12	27°22	15°56	M30
T 31	12 34 31	10♈19'30	24♈35	14♓49	12♉33	29♈ 2	20♉27	14♒24	29♉ 1	27♉10	16♍ 8	21♓ 6	20♓ 9	27♉28	15♒59	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s43	3s23	0n 2	8s17	3n26	1n 9	1s12	1n39	0s40	15n14	0s59	17s24	0s11	19n21	0s16	17n39	1s39	15n45	11n31	3s31	3s15	23n 6	9s58	6n53
M 2	7 20	2n39	1 11	8 42	3 18	1 40	1 10	1 58	0 39	15 17	0 58	17 22	0 11	19 21	0 16	17 40	1 38	15 46	11 31	3 31	3 17	23 8	9 56	6 53
T 3	6 57	8 28	2 15	9 7	3 9	2 11	1 8	2 17	0 39	15 20	0 58	17 21	0 11	19 21	0 16	17 40	1 38	15 47	11 32	3 31	3 18	23 10	9 55	6 53
W 4	6 34	13 52	3 13	9 29	2 59	2 42	1 6	2 36	0 38	15 23	0 58	17 19	0 11	19 22	0 16	17 40	1 38	15 47	11 32	3 30	3 19	23 12	9 53	6 53
T 5	6 11	18 41	4 1	9 50	2 47	3 12	1 4	2 55	0 37	15 26	0 58	17 17	0 11	19 22	0 16	17 40	1 38	15 48	11 32	3 30	3 20	23 14	9 52	6 54
F 6	5 48	22 43	4 38	10 9	2 35	3 43	1 2	3 14	0 37	15 30	0 58	17 16	0 11	19 22	0 16	17 41	1 38	15 49	11 32	3 30	3 22	23 16	9 50	6 54
S 7	5 24	25 49	5 3	10 26	2 23	4 14	1 0	3 33	0 36	15 33	0 57	17 14	0 11	19 23	0 16	17 41	1 38	15 49	11 32	3 29	3 23	23 18	9 49	6 54
S 8	5 1	27 48	5 16	10 40	2 10	4 44	0 58	3 52	0 35	15 36	0 57	17 12	0 12	19 23	0 16	17 41	1 38	15 50	11 32	3 29	3 24	23 20	9 47	6 54
M 9	4 37	28 31	5 15	10 52	1 56	5 15	0 56	4 11	0 35	15 39	0 57	17 11	0 12	19 23	0 16	17 42	1 38	15 51	11 32	3 29	3 25	23 22	9 46	6 54
T 10	4 14	27 52	5 0	11 3	1 43	5 45	0 54	4 30	0 34	15 42	0 57	17 9	0 12	19 24	0 16	17 42	1 38	15 51	11 32	3 29	3 26	23 24	9 44	6 55
W11	3 50	25 48	4 30	11 10	1 30	6 15	0 51	4 48	0 33	15 46	0 57	17 7	0 12	19 24	0 16	17 42	1 38	15 52	11 32	3 30	3 28	23 27	9 43	6 55
T 12	3 27	22 23	3 46	11 16	1 17	6 45	0 49	5 7	0 33	15 49	0 56	17 6	0 12	19 25	0 15	17 42	1 38	15 53	11 32	3 30	3 29	23 29	9 41	6 55
F 13	3 3	17 46	2 50	11 20	1 4	7 15	0 47	5 26	0 32	15 52	0 56	17 4	0 12	19 25	0 15	17 43	1 38	15 53	11 32	3 30	3 30	23 31	9 40	6 55
S 14	2 39	12 8	1 42	11 22	0 52	7 45	0 44	5 44	0 31	15 56	0 56	17 3	0 12	19 25	0 15	17 43	1 38	15 54	11 32	3 29	3 31	23 33	9 38	6 56
S 15	2 15	5 45	0 26	11 21	0 39	8 14	0 42	6 2	0 31	15 59	0 56	17 1	0 12	19 26	0 15	17 43	1 38	15 55	11 32	3 29	3 33	23 35	9 37	6 56
M16	1 52	1s 2	0s52	11 19	0 27	8 44	0 39	6 21	0 30	16 2	0 56	16 59	0 12	19 26	0 15	17 44	1 38	15 55	11 32	3 29	3 34	23 37	9 35	6 56
T 17	1 28	7 53	2 9	11 15	0 16	9 13	0 36	6 39	0 29	16 6	0 55	16 58	0 12	19 27	0 15	17 44	1 38	15 56	11 32	3 30	3 35	23 39	9 34	6 57
W18	1 4	14 23	3 18	11 9	0 4	9 42	0 34	6 57	0 29	16 9	0 55	16 56	0 12	19 27	0 15	17 44	1 38	15 56	11 32	3 30	3 36	23 40	9 32	6 57
T 19	0 40	20 5	4 14	11 2	0s 7	10 11	0 31	7 15	0 28	16 12	0 55	16 55	0 12	19 28	0 15	17 45	1 38	15 57	11 32	3 30	3 38	23 42	9 31	6 57
F 20	0 16	24 33	4 53	10 52	0 17	10 39	0 28	7 33	0 27	16 16	0 55	16 53	0 13	19 28	0 15	17 45	1 38	15 57	11 32	3 30	3 39	23 44	9 29	6 58
S 21	0n 7	27 26	5 14	10 41	0 27	11 8	0 25	7 51	0 26	16 19	0 55	16 52	0 13	19 29	0 15	17 46	1 37	15 58	11 32	3 31	3 40	23 46	9 28	6 58
S 22	0 31	28 30	5 15	10 29	0 37	11 36	0 23	8 9	0 26	16 23	0 55	16 50	0 13	19 29	0 15	17 46	1 37	15 59	11 32	3 31	3 41	23 48	9 26	6 58
M23	0 55	27 44	4 57	10 15	0 46	12 3	0 20	8 27	0 25	16 26	0 54	16 49	0 13	19 30	0 15	17 46	1 37	15 59	11 32	3 31	3 43	23 50	9 25	6 59
T 24	1 19	25 16	4 23	10 0	0 55	12 31	0 17	8 45	0 24	16 30	0 54	16 47	0 13	19 30	0 15	17 47	1 37	16 0	11 32	3 31	3 44	23 52	9 23	6 59
W25	1 42	21 27	3 34	9 43	1 4	12 58	0 14	9 2	0 24	16 33	0 54	16 46	0 13	19 31	0 15	17 47	1 37	16 0	11 32	3 30	3 45	23 54	9 22	6 59
T 26	2 6	16 37	2 35	9 25	1 12	13 25	0 11	9 20	0 23	16 36	0 54	16 44	0 13	19 31	0 15	17 47	1 37	16 1	11 32	3 30	3 46	23 56	9 20	7 0
F 27	2 30	11 6	1 30	9 5	1 20	13 52	0 8	9 37	0 22	16 40	0 54	16 43	0 13	19 32	0 15	17 48	1 37	16 1	11 32	3 29	3 48	23 58	9 19	7 0
S 28	2 53	5 14	0 20	8 44	1 27	14 18	0 5	9 55	0 22	16 43	0 54	16 42	0 13	19 32	0 15	17 48	1 37	16 2	11 32	3 29	3 49	24 0	9 18	7 0
S 29	3 17	0n45	0n49	8 22	1 34	14 44	0 2	10 12	0 21	16 47	0 53	16 40	0 13	19 33	0 15	17 49	1 37	16 2	11 32	3 29	3 50	24 2	9 16	7 1
M30	3 40	6 37	1 54	7 59	1 40	15 9	0n 1	10 29	0 20	16 50	0 53	16 39	0 13	19 33	0 15	17 49	1 37	16 3	11 32	3 30	3 51	24 4	9 15	7 1
T 31	4n 4	12n10	2n54	7s34	1s46	15n35	0n 4	10n46	0s19	16n54	0s53	16s37	0s14	19n34	0s15	17n49	1s37	16n 3	11n32	3s30	3s53	24n 6	9s13	7n 1

Julian Day Number = 2889164.5, Delta T = 01h18m27s
Ecliptic obliquity = 23°17'13, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°31'14, Lahiri = 40°38'15

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ASTRODIENST EPHEMERIS for the year 3198
geocentric

APRIL 3198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 38 28	11♈19'26	6♉39	16♓ 9	13♉46	29♈49	20♉40	14♒29	29♉ 4	27♉11	16°R 6	21°R 3	20♓ 6	27♉35	16♒ 3	W 1
T 2	12 42 24	12°19'19	18°36	17°31	14°59	0♉35	20°53	14°34	29° 6	27°13	16♍ 5	20♓59	20° 3	27°42	16° 7	T 2
F 3	12 46 21	13°19'11	0♊28	18°54	16°11	1°21	21° 6	14°39	29° 9	27°15	16° 4	20°56	20° 0	27°48	16°10	F 3
S 4	12 50 17	14°19'01	12°19	20°18	17°24	2° 7	21°19	14°43	29°12	27°16	16° 2	20°52	19°57	27°55	16°13	S 4
S 5	12 54 14	15°18'49	24°12	21°44	18°36	2°52	21°31	14°48	29°14	27°18	16° 1	20°50	19°53	28° 2	16°17	S 5
M 6	12 58 11	16°18'34	6♋12	23°12	19°49	3°38	21°44	14°53	29°17	27°20	16° 0	20°48	19°50	28° 9	16°20	M 6
T 7	13 2 7	17°18'17	18°22	24°40	21° 1	4°24	21°58	14°57	29°20	27°22	15°58	20°D47	19°47	28°15	16°23	T 7
W 8	13 6 4	18°17'58	0♌47	26°11	22°14	5°10	22°11	15° 1	29°23	27°24	15°57	20°48	19°44	28°22	16°26	W 8
T 9	13 10 0	19°17'37	13°32	27°42	23°26	5°56	22°24	15° 6	29°25	27°26	15°56	20°49	19°41	28°29	16°30	T 9
F 10	13 13 57	20°17'14	26°41	29°15	24°38	6°41	22°37	15°10	29°28	27°27	15°55	20°51	19°37	28°35	16°33	F 10
S 11	13 17 53	21°16'48	10♍15	0♈49	25°50	7°27	22°50	15°14	29°31	27°29	15°54	20°52	19°34	28°42	16°36	S 11
S 12	13 21 50	22°16'20	24°17	2°25	27° 2	8°13	23° 4	15°18	29°34	27°31	15°52	20°R53	19°31	28°49	16°39	S 12
M13	13 25 46	23°15'50	8♎44	4° 1	28°14	8°58	23°17	15°22	29°37	27°33	15°51	20°52	19°28	28°56	16°41	M13
T 14	13 29 43	24°15'18	23°31	5°40	29°26	9°44	23°31	15°26	29°40	27°35	15°50	20°49	19°25	29° 2	16°44	T 14
W15	13 33 40	25°14'45	8♏32	7°19	0♊38	10°29	23°44	15°30	29°43	27°37	15°49	20°45	19°22	29° 9	16°47	W15
T 16	13 37 36	26°14'09	23°37	9° 0	1°50	11°15	23°58	15°34	29°46	27°39	15°48	20°40	19°18	29°16	16°50	T 16
F 17	13 41 33	27°13'32	8♐37	10°42	3° 1	12° 0	24°11	15°38	29°49	27°41	15°47	20°34	19°15	29°22	16°52	F 17
S 18	13 45 29	28°12'52	23°23	12°26	4°13	12°45	24°25	15°41	29°52	27°43	15°46	20°30	19°12	29°29	16°55	S 18
S 19	13 49 26	29°12'12	7♑49	14°11	5°24	13°31	24°39	15°45	29°55	27°45	15°45	20°26	19° 9	29°36	16°57	S 19
M20	13 53 22	0♉11'29	21°52	15°57	6°36	14°16	24°52	15°49	29°58	27°47	15°44	20°24	19° 6	29°43	17° 0	M20
T 21	13 57 19	1°10'45	5♒32	17°45	7°47	15° 1	25° 6	15°52	0♊ 1	27°49	15°43	20°D24	19° 3	29°49	17° 2	T 21
W22	14 1 15	2° 9'59	18°49	19°34	8°58	15°46	25°20	15°55	0° 4	27°51	15°42	20°25	18°59	29°56	17° 4	W22
T 23	14 5 12	3° 9'11	1♓47	21°24	10° 9	16°31	25°34	15°58	0° 7	27°53	15°41	20°26	18°56	0♊ 3	17° 7	T 23
F 24	14 9 9	4° 8'22	14°27	23°16	11°20	17°17	25°47	16° 2	0°11	27°55	15°40	20°R27	18°53	0° 9	17° 9	F 24
S 25	14 13 5	5° 7'30	26°54	25° 9	12°31	18° 2	26° 1	16° 5	0°14	27°58	15°39	20°27	18°50	0°16	17°11	S 25
S 26	14 17 2	6° 6'37	9♈10	27° 4	13°42	18°47	26°15	16° 8	0°17	28° 0	15°38	20°26	18°47	0°23	17°13	S 26
M27	14 20 58	7° 5'42	21°18	29° 0	14°53	19°31	26°29	16°10	0°20	28° 2	15°37	20°21	18°43	0°30	17°15	M27
T 28	14 24 55	8° 4'45	3♉20	0♉58	16° 3	20°16	26°43	16°13	0°23	28° 4	15°37	20°15	18°40	0°36	17°17	T 28
W29	14 28 51	9° 3'47	15°17	2°57	17°14	21° 1	26°57	16°16	0°27	28° 6	15°36	20° 7	18°37	0°43	17°18	W29
T 30	14 32 48	10♉ 2'46	27♉10	4♉57	18♊24	21♉46	27♉11	16♒18	0♊30	28♉ 8	15♍35	19♓57	18♓34	0♊50	17♒20	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n27	17n11	3n45	7s 9	1s51	15n59	0n 8	11n 2	0s19	16n57	0s53	16s36	0s14	19n35	0s15	17n50	1s37	16n 4	11n32	3s32	3s54	24n 7	9s12	7n 2
T 2	4 50	21 30	4 25	6 42	1 57	16 24	0 11	11 19	0 18	17 1	0 53	16 35	0 14	19 35	0 15	17 50	1 37	16 4	11 32	3 33	3 55	24 9	9 11	7 2
F 3	5 14	24 55	4 54	6 14	2 1	16 48	0 14	11 36	0 17	17 4	0 53	16 33	0 14	19 36	0 15	17 51	1 37	16 5	11 32	3 34	3 56	24 11	9 9	7 3
S 4	5 37	27 15	5 10	5 45	2 5	17 12	0 17	11 52	0 17	17 8	0 52	16 32	0 14	19 36	0 15	17 51	1 37	16 5	11 32	3 36	3 58	24 13	9 8	7 3
S 5	6 0	28 23	5 13	5 14	2 9	17 35	0 20	12 8	0 16	17 11	0 52	16 31	0 14	19 37	0 15	17 52	1 37	16 5	11 32	3 37	3 59	24 15	9 7	7 3
M 6	6 22	28 11	5 3	4 43	2 13	17 58	0 24	12 25	0 15	17 15	0 52	16 30	0 14	19 37	0 15	17 52	1 37	16 6	11 32	3 37	4 0	24 17	9 5	7 4
T 7	6 45	26 38	4 38	4 11	2 16	18 20	0 27	12 41	0 15	17 18	0 52	16 28	0 14	19 38	0 15	17 52	1 37	16 6	11 31	3 38	4 1	24 19	9 4	7 4
W 8	7 8	23 46	4 1	3 38	2 18	18 42	0 30	12 57	0 14	17 22	0 52	16 27	0 14	19 39	0 15	17 53	1 37	16 7	11 31	3 37	4 2	24 20	9 3	7 5
T 9	7 30	19 42	3 10	3 3	2 20	19 3	0 33	13 12	0 13	17 25	0 52	16 26	0 14	19 39	0 15	17 53	1 37	16 7	11 31	3 37	4 4	24 22	9 1	7 5
F 10	7 53	14 34	2 9	2 28	2 22	19 24	0 37	13 28	0 12	17 29	0 52	16 25	0 14	19 40	0 15	17 54	1 37	16 7	11 31	3 36	4 5	24 24	9 0	7 6
S 11	8 15	8 34	0 58	1 52	2 23	19 44	0 40	13 43	0 12	17 32	0 51	16 24	0 15	19 41	0 15	17 54	1 37	16 8	11 31	3 36	4 6	24 26	8 59	7 6
S 12	8 37	1 58	0s19	1 15	2 24	20 4	0 43	13 59	0 11	17 36	0 51	16 23	0 15	19 41	0 15	17 55	1 37	16 8	11 31	3 36	4 7	24 28	8 57	7 6
M13	8 59	4s55	1 36	0 37	2 24	20 24	0 46	14 14	0 10	17 39	0 51	16 22	0 15	19 42	0 15	17 55	1 37	16 8	11 31	3 36	4 9	24 30	8 56	7 7
T 14	9 21	11 41	2 49	0n 2	2 24	20 43	0 50	14 29	0 10	17 42	0 51	16 20	0 15	19 42	0 15	17 56	1 37	16 9	11 31	3 37	4 10	24 31	8 55	7 7
W15	9 42	17 54	3 51	0 42	2 23	21 1	0 53	14 44	0 9	17 46	0 51	16 19	0 15	19 43	0 15	17 56	1 37	16 9	11 30	3 39	4 11	24 33	8 54	7 8
T 16	10 4	23 2	4 37	1 22	2 22	21 19	0 56	14 59	0 8	17 49	0 51	16 18	0 15	19 44	0 15	17 57	1 36	16 9	11 30	3 41	4 12	24 35	8 52	7 8
F 17	10 25	26 36	5 4	2 3	2 20	21 36	0 59	15 13	0 8	17 53	0 51	16 17	0 15	19 44	0 15	17 57	1 36	16 10	11 30	3 43	4 14	24 37	8 51	7 9
S 18	10 46	28 17	5 10	2 45	2 18	21 53	1 3	15 27	0 7	17 56	0 51	16 16	0 15	19 45	0 15	17 58	1 36	16 10	11 30	3 45	4 15	24 39	8 50	7 9
S 19	11 7	27 59	4 57	3 28	2 16	22 9	1 6	15 42	0 6	18 0	0 50	16 15	0 15	19 46	0 15	17 58	1 36	16 10	11 30	3 46	4 16	24 40	8 49	7 10
M20	11 28	25 53	4 25	4 12	2 12	22 24	1 9	15 56	0 6	18 3	0 50	16 15	0 15	19 46	0 15	17 58	1 36	16 10	11 30	3 47	4 17	24 42	8 48	7 10
T 21	11 49	22 19	3 40	4 56	2 9	22 39	1 12	16 10	0 5	18 6	0 50	16 14	0 16	19 47	0 15	17 59	1 36	16 10	11 29	3 47	4 19	24 44	8 47	7 11
W22	12 9	17 40	2 43	5 41	2 5	22 54	1 15	16 23	0 4	18 10	0 50	16 13	0 16	19 48	0 15	17 59	1 36	16 11	11 29	3 46	4 20	24 46	8 46	7 11
T 23	12 29	12 20	1 40	6 26	2 0	23 7	1 18	16 37	0 4	18 13	0 50	16 12	0 16	19 48	0 15	18 0	1 36	16 11	11 29	3 46	4 21	24 47	8 44	7 12
F 24	12 49	6 35	0 33	7 12	1 55	23 21	1 22	16 50	0 3	18 16	0 50	16 11	0 16	19 49	0 15	18 0	1 36	16 11	11 29	3 45	4 22	24 49	8 43	7 12
S 25	13 9	0 41	0n35	7 58	1 50	23 33	1 25	17 3	0 2	18 20	0 50	16 10	0 16	19 50	0 15	18 1	1 36	16 11	11 29	3 45	4 24	24 51	8 42	7 12
S 26	13 28	5n 8	1 39	8 45	1 44	23 45	1 28	17 16	0 1	18 23	0 50	16 9	0 16	19 50	0 15	18 1	1 36	16 11	11 29	3 46	4 25	24 52	8 41	7 13
M27	13 48	10 43	2 39	9 32	1 37	23 56	1 31	17 29	0 1	18 27	0 50	16 9	0 16	19 51	0 15	18 2	1 36	16 12	11 28	3 48	4 26	24 54	8 40	7 13
T 28	14 7	15 50	3 30	10 20	1 30	24 7	1 34	17 42	0 0	18 30	0 49	16 8	0 16	19 52	0 15	18 2	1 36	16 12	11 28	3 50	4 27	24 56	8 39	7 14
W29	14 26	20 19	4 12	11 7	1 23	24 17	1 37	17 54	0n 1	18 33	0 49	16 7	0 16	19 53	0 15	18 3	1 36	16 12	11 28	3 54	4 28	24 58	8 38	7 14
T 30	14n44	23n59	4n42	11n55	1s15	24n26	1n39	18n 7	0n 1	18n36	0s49	16s 7	0s16	19n53	0s15	18n 3	1s36	16n12	11n28	3s57	4s30	24n59	8s37	7n15

Julian Day Number = 2889195.5, Delta T = 01h18m28s
Ecliptic obliquity = 23°17'13, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°31'19, Lahiri = 40°38'19

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ASTRODIENST EPHEMERIS for the year 3198
geocentric

MAY 3198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 36 44	11♉ 1'43	9♊ 1	6♉59	19♊35	22♉31	27♉25	16♒21	0♊33	28♉11	15°R34	19°R47	18♓31	0♊56	17♒22	F 1
S 2	14 40 41	12° 0'39	20°53	9° 2	20°45	23°15	27°40	16°23	0°37	28°13	15♍34	19♓38	18°28	1° 3	17°23	S 2
S 3	14 44 38	12°59'32	2♋47	11° 6	21°55	24° 0	27°54	16°26	0°40	28°15	15°33	19°29	18°24	1°10	17°25	S 3
M 4	14 48 34	13°58'23	14°47	13°10	23° 5	24°45	28° 8	16°28	0°43	28°17	15°32	19°23	18°21	1°17	17°26	M 4
T 5	14 52 31	14°57'12	26°56	15°16	24°15	25°29	28°22	16°30	0°47	28°19	15°32	19°19	18°18	1°23	17°28	T 5
W 6	14 56 27	15°55'59	9♌18	17°23	25°25	26°14	28°36	16°32	0°50	28°22	15°31	19°17	18°15	1°30	17°29	W 6
T 7	15 0 24	16°54'43	21°57	19°30	26°34	26°58	28°50	16°34	0°53	28°24	15°30	19°D17	18°12	1°37	17°30	T 7
F 8	15 4 20	17°53'26	4♍59	21°38	27°44	27°42	29° 5	16°36	0°57	28°26	15°30	19°18	18° 9	1°43	17°31	F 8
S 9	15 8 17	18°52'06	18°27	23°45	28°53	28°27	29°19	16°37	1° 0	28°28	15°29	19°R18	18° 5	1°50	17°33	S 9
S 10	15 12 13	19°50'44	2♎23	25°52	0♋ 2	29°11	29°33	16°39	1° 4	28°30	15°29	19°18	18° 2	1°57	17°34	S 10
M11	15 16 10	20°49'19	16°48	27°59	1°11	29°55	29°47	16°41	1° 7	28°33	15°28	19°15	17°59	2° 4	17°35	M11
T 12	15 20 7	21°47'53	1♏38	0♊ 5	2°20	0♊39	0♊ 2	16°42	1°10	28°35	15°28	19°10	17°56	2°10	17°35	T 12
W13	15 24 3	22°46'25	16°48	2°11	3°29	1°24	0°16	16°44	1°14	28°37	15°28	19° 2	17°53	2°17	17°36	W13
T 14	15 28 0	23°44'55	2♐ 7	4°14	4°38	2° 8	0°30	16°45	1°17	28°39	15°27	18°53	17°49	2°24	17°37	T 14
F 15	15 31 56	24°43'23	17°24	6°16	5°46	2°52	0°45	16°46	1°21	28°42	15°27	18°44	17°46	2°30	17°38	F 15
S 16	15 35 53	25°41'50	2♑28	8°16	6°55	3°36	0°59	16°47	1°24	28°44	15°26	18°35	17°43	2°37	17°38	S 16
S 17	15 39 49	26°40'15	17°10	10°14	8° 3	4°20	1°13	16°48	1°28	28°46	15°26	18°27	17°40	2°44	17°39	S 17
M18	15 43 46	27°38'39	1♒26	12° 9	9°11	5° 3	1°28	16°49	1°31	28°49	15°26	18°22	17°37	2°51	17°39	M18
T 19	15 47 42	28°37'01	15°12	14° 1	10°19	5°47	1°42	16°50	1°34	28°51	15°26	18°20	17°34	2°57	17°39	T 19
W20	15 51 39	29°35'21	28°31	15°50	11°27	6°31	1°56	16°50	1°38	28°53	15°25	18°D19	17°30	3° 4	17°40	W20
T 21	15 55 36	0♊33'40	11♓26	17°36	12°35	7°15	2°11	16°51	1°41	28°55	15°25	18°R19	17°27	3°11	17°40	T 21
F 22	15 59 32	1°31'58	24° 0	19°18	13°42	7°58	2°25	16°51	1°45	28°58	15°25	18°19	17°24	3°17	17°40	F 22
S 23	16 3 29	2°30'14	6♈19	20°57	14°49	8°42	2°39	16°52	1°48	29° 0	15°25	18°18	17°21	3°24	17°R40	S 23
S 24	16 7 25	3°28'28	18°25	22°33	15°57	9°26	2°54	16°52	1°52	29° 2	15°25	18°14	17°18	3°31	17°40	S 24
M25	16 11 22	4°26'41	0♉24	24° 4	17° 4	10° 9	3° 8	16°52	1°55	29° 4	15°25	18° 8	17°15	3°38	17°40	M25
T 26	16 15 18	5°24'53	12°19	25°32	18°10	10°53	3°22	16°R52	1°59	29° 7	15°25	17°59	17°11	3°44	17°40	T 26
W27	16 19 15	6°23'03	24°11	26°55	19°17	11°36	3°37	16°52	2° 2	29° 9	15°D25	17°47	17° 8	3°51	17°40	W27
T 28	16 23 11	7°21'12	6♊ 2	28°15	20°24	12°19	3°51	16°52	2° 6	29°11	15°25	17°34	17° 5	3°58	17°39	T 28
F 29	16 27 8	8°19'19	17°55	29°30	21°30	13° 3	4° 5	16°52	2° 9	29°13	15°25	17°20	17° 2	4° 5	17°39	F 29
S 30	16 31 5	9°17'24	29°49	0♋42	22°36	13°46	4°20	16°52	2°12	29°16	15°25	17° 6	16°59	4°11	17°38	S 30
S 31	16 35 1	10♊15'28	11♋48	1♋49	23♋42	14♊29	4♊34	16♒51	2♊16	29♉18	15♍25	16♓54	16♓55	4♊18	17♒38	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n 2	26n36	5n 0	12n42	1s 7	24n35	1n42	18n19	0n 2	18n40	0s49	16s 6	0s17	19n54	0s15	18n 4	1s36	16n12	11n27	4s 1	4s31	25n 1	8s36	7n15
S 2	15 21	28 3	5 5	13 30	0 58	24 43	1 45	18 31	0 3	18 43	0 49	16 5	0 17	19 55	0 15	18 4	1 36	16 12	11 27	4 5	4 32	25 3	8 35	7 16
S 3	15 38	28 13	4 57	14 17	0 49	24 50	1 48	18 42	0 3	18 46	0 49	16 5	0 17	19 55	0 15	18 5	1 36	16 12	11 27	4 8	4 33	25 4	8 34	7 16
M 4	15 56	27 3	4 36	15 4	0 39	24 57	1 51	18 54	0 4	18 49	0 49	16 4	0 17	19 56	0 15	18 5	1 36	16 12	11 27	4 11	4 35	25 6	8 33	7 17
T 5	16 13	24 36	4 3	15 51	0 29	25 3	1 53	19 5	0 5	18 53	0 49	16 4	0 17	19 57	0 15	18 6	1 36	16 12	11 27	4 12	4 36	25 8	8 33	7 17
W 6	16 30	20 59	3 17	16 36	0 19	25 8	1 56	19 16	0 5	18 56	0 49	16 3	0 17	19 57	0 15	18 6	1 36	16 12	11 26	4 13	4 37	25 9	8 32	7 18
T 7	16 47	16 19	2 21	17 21	0 9	25 13	1 58	19 27	0 6	18 59	0 49	16 3	0 17	19 58	0 15	18 7	1 36	16 12	11 26	4 13	4 38	25 11	8 31	7 19
F 8	17 3	10 48	1 16	18 5	0n 2	25 17	2 1	19 38	0 7	19 2	0 48	16 2	0 17	19 59	0 15	18 7	1 36	16 12	11 26	4 13	4 40	25 13	8 30	7 19
S 9	17 19	4 37	0 5	18 48	0 12	25 20	2 3	19 48	0 7	19 5	0 48	16 2	0 17	19 59	0 15	18 8	1 36	16 12	11 26	4 12	4 41	25 14	8 29	7 20
S 10	17 35	2s 0	1s 9	19 29	0 23	25 23	2 6	19 58	0 8	19 8	0 48	16 1	0 18	20 0	0 15	18 8	1 36	16 12	11 25	4 13	4 42	25 16	8 28	7 20
M11	17 51	8 44	2 21	20 8	0 34	25 25	2 8	20 9	0 8	19 11	0 48	16 1	0 18	20 1	0 15	18 9	1 36	16 12	11 25	4 14	4 43	25 17	8 28	7 21
T 12	18 6	15 11	3 25	20 46	0 45	25 26	2 10	20 18	0 9	19 15	0 48	16 1	0 18	20 2	0 15	18 9	1 36	16 12	11 25	4 16	4 45	25 19	8 27	7 21
W13	18 21	20 51	4 17	21 22	0 55	25 27	2 12	20 28	0 10	19 18	0 48	16 0	0 18	20 2	0 15	18 10	1 36	16 12	11 25	4 19	4 46	25 21	8 26	7 22
T 14	18 35	25 11	4 50	21 56	1 5	25 27	2 14	20 37	0 10	19 21	0 48	16 0	0 18	20 3	0 15	18 10	1 36	16 12	11 25	4 22	4 47	25 22	8 25	7 22
F 15	18 50	27 43	5 3	22 27	1 15	25 26	2 16	20 47	0 11	19 24	0 48	16 0	0 18	20 4	0 14	18 11	1 36	16 12	11 24	4 26	4 48	25 24	8 25	7 23
S 16	19 4	28 10	4 54	22 56	1 25	25 25	2 18	20 56	0 12	19 27	0 48	16 0	0 18	20 4	0 14	18 11	1 36	16 12	11 24	4 29	4 49	25 25	8 24	7 23
S 17	19 17	26 35	4 26	23 23	1 34	25 23	2 20	21 5	0 12	19 30	0 48	16 0	0 18	20 5	0 14	18 12	1 36	16 12	11 24	4 32	4 51	25 27	8 23	7 24
M18	19 31	23 19	3 42	23 47	1 42	25 20	2 22	21 13	0 13	19 33	0 48	15 59	0 18	20 6	0 14	18 12	1 36	16 12	11 24	4 34	4 52	25 28	8 23	7 24
T 19	19 43	18 49	2 46	24 9	1 50	25 17	2 24	21 21	0 14	19 35	0 48	15 59	0 19	20 7	0 14	18 13	1 36	16 12	11 23	4 35	4 53	25 30	8 22	7 25
W20	19 56	13 32	1 43	24 29	1 57	25 13	2 25	21 30	0 14	19 38	0 48	15 59	0 19	20 7	0 14	18 13	1 36	16 11	11 23	4 35	4 54	25 32	8 22	7 25
T 21	20 8	7 48	0 37	24 46	2 3	25 8	2 27	21 38	0 15	19 41	0 47	15 59	0 19	20 8	0 14	18 14	1 36	16 11	11 23	4 35	4 56	25 33	8 21	7 26
F 22	20 20	1 54	0n30	25 0	2 9	25 3	2 28	21 45	0 15	19 44	0 47	15 59	0 19	20 9	0 14	18 14	1 36	16 11	11 23	4 35	4 57	25 35	8 21	7 26
S 23	20 32	3n56	1 34	25 13	2 14	24 57	2 30	21 53	0 16	19 47	0 47	15 59	0 19	20 9	0 14	18 15	1 36	16 11	11 22	4 36	4 58	25 36	8 20	7 27
S 24	20 43	9 31	2 32	25 23	2 18	24 50	2 31	22 0	0 17	19 50	0 47	15 59	0 19	20 10	0 14	18 15	1 36	16 11	11 22	4 37	4 59	25 38	8 20	7 27
M25	20 54	14 43	3 23	25 30	2 21	24 43	2 32	22 7	0 17	19 53	0 47	15 59	0 19	20 11	0 14	18 16	1 36	16 11	11 22	4 40	5 1	25 39	8 19	7 28
T 26	21 4	19 19	4 4	25 36	2 24	24 35	2 33	22 14	0 18	19 55	0 47	15 59	0 19	20 11	0 14	18 16	1 36	16 10	11 21	4 43	5 2	25 41	8 19	7 28
W27	21 14	23 8	4 35	25 40	2 25	24 27	2 34	22 20	0 19	19 58	0 47	15 59	0 19	20 12	0 14	18 17	1 36	16 10	11 21	4 48	5 3	25 42	8 18	7 29
T 28	21 24	26 0	4 54	25 42	2 25	24 18	2 35	22 27	0 19	20 1	0 47	15 59	0 20	20 13	0 14	18 17	1 36	16 10	11 21	4 53	5 4	25 44	8 18	7 29
F 29	21 33	27 43	5 0	25 42	2 25	24 9	2 36	22 33	0 20	20 4	0 47	16 0	0 20	20 13	0 14	18 18	1 36	16 10	11 21	4 58	5 5	25 45	8 17	7 30
S 30	21 42	28 10	4 52	25 40	2 23	23 59	2 36	22 39	0 20	20 6	0 47	16 0	0 20	20 14	0 14	18 18	1 36	16 9	11 20	5 4	5 7	25 47	8 17	7 30
S 31	21n51	27n17	4n32	25n37	2n21	23n48	2n37	22n44	0n21	20n 9	0s47	16s 0	0s20	20n15	0s14	18n19	1s36	16n 9	11n20	5s 8	5s 8	25n48	8s17	7n31

Julian Day Number = 2889225.5, Delta T = 01h18m29s
Ecliptic obliquity = 23°17'12, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°31'23, Lahiri = 40°38'23

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ASTRODIENST EPHEMERIS for the year 3198
geocentric

JUNE 3198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 38 58	11♊13'30	23♋52	2♋52	24♋47	15♊12	4♊48	16°R51	2♊19	29♉20	15♍25	16°R45	16♓52	4♊25	17°R37	M 1
T 2	16 42 54	12°11'30	6♌ 5	3°50	25°53	15°56	5° 2	16♒50	2°23	29°22	15°25	16♓38	16°49	4°31	17♒37	T 2
W 3	16 46 51	13° 9'29	18°29	4°44	26°58	16°39	5°17	16°49	2°26	29°25	15°25	16°34	16°46	4°38	17°36	W 3
T 4	16 50 47	14° 7'26	1♍ 8	5°33	28° 3	17°22	5°31	16°49	2°30	29°27	15°26	16°32	16°43	4°45	17°35	T 4
F 5	16 54 44	15° 5'21	14° 6	6°18	29° 8	18° 5	5°45	16°48	2°33	29°29	15°26	16°32	16°40	4°52	17°34	F 5
S 6	16 58 41	16° 3'14	27°27	6°59	0♌12	18°47	5°59	16°47	2°36	29°31	15°26	16°32	16°36	4°58	17°33	S 6
S 7	17 2 37	17° 1'06	11♎14	7°34	1°17	19°30	6°14	16°46	2°40	29°33	15°26	16°31	16°33	5° 5	17°32	S 7
M 8	17 6 34	17°58'56	25°29	8° 5	2°21	20°13	6°28	16°45	2°43	29°35	15°27	16°28	16°30	5°12	17°31	M 8
T 9	17 10 30	18°56'44	10♏ 9	8°31	3°25	20°56	6°42	16°43	2°47	29°38	15°27	16°22	16°27	5°18	17°30	T 9
W10	17 14 27	19°54'31	25°11	8°53	4°28	21°39	6°56	16°42	2°50	29°40	15°28	16°13	16°24	5°25	17°29	W10
T 11	17 18 23	20°52'16	10♐26	9° 9	5°31	22°21	7°10	16°40	2°53	29°42	15°28	16° 3	16°21	5°32	17°28	T 11
F 12	17 22 20	21°50'00	25°44	9°21	6°34	23° 4	7°24	16°39	2°57	29°44	15°28	15°52	16°17	5°39	17°26	F 12
S 13	17 26 16	22°47'43	10♑53	9°28	7°37	23°46	7°38	16°37	3° 0	29°46	15°29	15°42	16°14	5°45	17°25	S 13
S 14	17 30 13	23°45'25	25°43	9°R30	8°39	24°29	7°52	16°36	3° 3	29°48	15°29	15°34	16°11	5°52	17°23	S 14
M15	17 34 10	24°43'06	10♒ 7	9°28	9°41	25°11	8° 6	16°34	3° 6	29°50	15°30	15°28	16° 8	5°59	17°22	M15
T 16	17 38 6	25°40'45	24° 2	9°21	10°43	25°54	8°20	16°32	3°10	29°53	15°31	15°24	16° 5	6° 6	17°20	T 16
W17	17 42 3	26°38'24	7♓28	9°10	11°44	26°36	8°34	16°30	3°13	29°55	15°31	15°23	16° 1	6°12	17°18	W17
T 18	17 45 59	27°36'02	20°26	8°55	12°45	27°18	8°48	16°28	3°16	29°57	15°32	15°D23	15°58	6°19	17°17	T 18
F 19	17 49 56	28°33'39	3♈ 2	8°36	13°46	28° 1	9° 2	16°26	3°19	29°59	15°32	15°R23	15°55	6°26	17°15	F 19
S 20	17 53 52	29°31'15	15°19	8°13	14°47	28°43	9°16	16°23	3°23	0♊ 1	15°33	15°22	15°52	6°32	17°13	S 20
S 21	17 57 49	0♋28'50	27°24	7°48	15°47	29°25	9°30	16°21	3°26	0° 3	15°34	15°19	15°49	6°39	17°11	S 21
M22	18 1 45	1°26'24	9♉20	7°20	16°46	0♋ 7	9°43	16°19	3°29	0° 5	15°35	15°13	15°46	6°46	17° 9	M22
T 23	18 5 42	2°23'58	21°12	6°49	17°46	0°49	9°57	16°16	3°32	0° 7	15°35	15° 5	15°42	6°53	17° 7	T 23
W24	18 9 39	3°21'31	3♊ 2	6°17	18°45	1°31	10°11	16°14	3°35	0° 9	15°36	14°55	15°39	6°59	17° 5	W24
T 25	18 13 35	4°19'03	14°54	5°44	19°43	2°13	10°25	16°11	3°38	0°11	15°37	14°43	15°36	7° 6	17° 3	T 25
F 26	18 17 32	5°16'34	26°50	5°11	20°41	2°55	10°38	16° 8	3°41	0°13	15°38	14°30	15°33	7°13	17° 1	F 26
S 27	18 21 28	6°14'05	8♋51	4°38	21°39	3°37	10°52	16° 5	3°44	0°15	15°39	14°18	15°30	7°19	16°58	S 27
S 28	18 25 25	7°11'34	20°58	4° 5	22°36	4°19	11° 5	16° 3	3°47	0°16	15°39	14° 7	15°27	7°26	16°56	S 28
M29	18 29 21	8° 9'03	3♌13	3°33	23°33	5° 0	11°19	16° 0	3°50	0°18	15°40	13°58	15°23	7°33	16°54	M29
T 30	18 33 18	9♋ 6'31	15♌36	3♋ 3	24♌29	5♋42	11♊32	15♒57	3♊53	0♊20	15♍41	13♓52	15♓20	7♊40	16♒51	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n59	25n 8	4n 0	25n33	2n17	23n37	2n37	22n50	0n22	20n12	0s47	16s 0	0s20	20n16	0s14	18n19	1s36	16n 9	11n20	5s12	5s 9	25n50	8s16	7n31
T 2	22 7	21 48	3 16	25 27	2 13	23 25	2 38	22 55	0 22	20 14	0 47	16 1	0 20	20 16	0 14	18 19	1 36	16 8	11 20	5 15	5 10	25 51	8 16	7 32
W 3	22 14	17 27	2 22	25 20	2 8	23 13	2 38	23 0	0 23	20 17	0 47	16 1	0 20	20 17	0 14	18 20	1 36	16 8	11 19	5 16	5 12	25 52	8 16	7 32
T 4	22 21	12 15	1 20	25 11	2 1	23 0	2 38	23 5	0 23	20 19	0 47	16 1	0 20	20 18	0 14	18 20	1 36	16 8	11 19	5 17	5 13	25 54	8 16	7 33
F 5	22 28	6 25	0 13	25 2	1 54	22 46	2 38	23 9	0 24	20 22	0 47	16 2	0 20	20 18	0 14	18 21	1 36	16 7	11 19	5 17	5 14	25 55	8 16	7 33
S 6	22 34	0 8	0s57	24 52	1 46	22 33	2 38	23 14	0 25	20 24	0 47	16 2	0 21	20 19	0 14	18 21	1 36	16 7	11 19	5 17	5 15	25 57	8 15	7 34
S 7	22 39	6s22	2 6	24 40	1 36	22 18	2 37	23 18	0 25	20 27	0 47	16 2	0 21	20 20	0 14	18 22	1 36	16 7	11 18	5 17	5 16	25 58	8 15	7 34
M 8	22 45	12 44	3 10	24 28	1 26	22 3	2 37	23 21	0 26	20 29	0 47	16 3	0 21	20 20	0 14	18 22	1 36	16 6	11 18	5 19	5 18	26 0	8 15	7 35
T 9	22 50	18 37	4 3	24 15	1 15	21 48	2 36	23 25	0 26	20 32	0 46	16 3	0 21	20 21	0 14	18 23	1 36	16 6	11 18	5 21	5 19	26 1	8 15	7 35
W10	22 54	23 28	4 40	24 2	1 2	21 32	2 36	23 28	0 27	20 34	0 46	16 4	0 21	20 21	0 14	18 23	1 36	16 6	11 18	5 24	5 20	26 2	8 15	7 36
T 11	22 58	26 48	4 59	23 48	0 49	21 16	2 35	23 31	0 27	20 36	0 46	16 4	0 21	20 22	0 14	18 23	1 36	16 5	11 17	5 28	5 21	26 4	8 15	7 36
F 12	23 2	28 9	4 56	23 33	0 36	21 0	2 34	23 34	0 28	20 39	0 46	16 5	0 21	20 23	0 14	18 24	1 36	16 5	11 17	5 32	5 23	26 5	8 15	7 37
S 13	23 6	27 22	4 32	23 18	0 21	20 42	2 33	23 37	0 29	20 41	0 46	16 6	0 21	20 23	0 14	18 24	1 36	16 4	11 17	5 36	5 24	26 7	8 15	7 37
S 14	23 8	24 38	3 50	23 2	0 6	20 25	2 31	23 39	0 29	20 43	0 46	16 6	0 21	20 24	0 14	18 25	1 36	16 4	11 16	5 39	5 25	26 8	8 15	7 37
M15	23 11	20 24	2 55	22 47	0s10	20 7	2 30	23 42	0 30	20 45	0 46	16 7	0 22	20 25	0 14	18 25	1 36	16 3	11 16	5 42	5 26	26 9	8 15	7 38
T 16	23 13	15 10	1 50	22 31	0 27	19 49	2 28	23 44	0 30	20 48	0 46	16 8	0 22	20 25	0 14	18 26	1 36	16 3	11 16	5 43	5 27	26 11	8 15	7 38
W17	23 15	9 22	0 42	22 14	0 44	19 30	2 27	23 45	0 31	20 50	0 46	16 8	0 22	20 26	0 14	18 26	1 36	16 3	11 16	5 44	5 29	26 12	8 15	7 39
T 18	23 16	3 21	0n27	21 58	1 1	19 11	2 25	23 47	0 31	20 52	0 46	16 9	0 22	20 27	0 14	18 26	1 36	16 2	11 15	5 44	5 30	26 13	8 15	7 39
F 19	23 17	2n36	1 32	21 42	1 19	18 52	2 23	23 48	0 32	20 54	0 46	16 10	0 22	20 27	0 14	18 27	1 36	16 2	11 15	5 44	5 31	26 15	8 15	7 40
S 20	23 17	8 20	2 31	21 26	1 36	18 32	2 21	23 49	0 32	20 56	0 46	16 11	0 22	20 28	0 14	18 27	1 36	16 1	11 15	5 44	5 32	26 16	8 15	7 40
S 21	23 17	13 38	3 23	21 10	1 54	18 13	2 18	23 50	0 33	20 58	0 46	16 11	0 22	20 28	0 14	18 28	1 36	16 1	11 15	5 45	5 34	26 17	8 16	7 40
M22	23 17	18 23	4 5	20 54	2 11	17 52	2 16	23 51	0 34	21 0	0 46	16 12	0 22	20 29	0 14	18 28	1 36	16 0	11 14	5 47	5 35	26 19	8 16	7 41
T 23	23 16	22 23	4 36	20 39	2 28	17 32	2 13	23 51	0 34	21 3	0 46	16 13	0 22	20 30	0 14	18 28	1 36	16 0	11 14	5 50	5 36	26 20	8 16	7 41
W24	23 15	25 27	4 55	20 24	2 44	17 11	2 11	23 51	0 35	21 5	0 46	16 14	0 23	20 30	0 14	18 29	1 36	15 59	11 14	5 54	5 37	26 21	8 16	7 42
T 25	23 13	27 25	5 1	20 10	3 0	16 50	2 8	23 51	0 35	21 6	0 46	16 15	0 23	20 31	0 14	18 29	1 36	15 58	11 14	5 59	5 39	26 22	8 16	7 42
F 26	23 11	28 9	4 54	19 57	3 15	16 28	2 5	23 51	0 36	21 8	0 46	16 16	0 23	20 31	0 14	18 30	1 36	15 58	11 13	6 4	5 40	26 24	8 17	7 42
S 27	23 8	27 33	4 34	19 44	3 29	16 7	2 1	23 50	0 36	21 10	0 46	16 17	0 23	20 32	0 14	18 30	1 37	15 57	11 13	6 9	5 41	26 25	8 17	7 43
S 28	23 6	25 39	4 2	19 32	3 41	15 45	1 58	23 50	0 37	21 12	0 46	16 18	0 23	20 32	0 14	18 30	1 37	15 57	11 13	6 13	5 42	26 26	8 17	7 43
M29	23 2	22 32	3 18	19 22	3 53	15 23	1 54	23 49	0 37	21 14	0 46	16 19	0 23	20 33	0 14	18 31	1 37	15 56	11 13	6 16	5 43	26 27	8 18	7 43
T 30	22n59	18n21	2n24	19n12	4s 3	15n 1	1n50	23n48	0n38	21n16	0s46	16s20	0s23	20n34	0s14	18n31	1s37	15n56	11n13	6s18	5s45	26n29	8s18	7n44

Julian Day Number = 2889256.5, Delta T = 01h18m29s
Ecliptic obliquity = 23°17'12, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°31'27, Lahiri = 40°38'27

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ASTRODIENST EPHEMERIS for the year 3198
geocentric

JULY 3198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 37 15	10♋ 3'57	28♌10	2°R36	25♌25	6♋24	11♊46	15°R53	3♊56	0♊22	15♍42	13°R49	15♓17	7♊46	16°R49	W 1
T 2	18 41 11	11° 1'23	10♍57	2♋11	26°20	7° 5	11°59	15♒50	3°59	0°24	15°43	13°D48	15°14	7°53	16♒46	T 2
F 3	18 45 8	11°58'48	23°59	1°49	27°15	7°47	12°12	15°47	4° 2	0°26	15°44	13♓48	15°11	8° 0	16°44	F 3
S 4	18 49 4	12°56'11	7♎20	1°31	28° 9	8°29	12°26	15°44	4° 5	0°28	15°45	13°R49	15° 7	8° 7	16°41	S 4
S 5	18 53 1	13°53'34	21° 2	1°16	29° 3	9°10	12°39	15°40	4° 8	0°29	15°46	13°48	15° 4	8°13	16°38	S 5
M 6	18 56 57	14°50'56	5♏ 7	1° 5	29°56	9°51	12°52	15°37	4°11	0°31	15°48	13°47	15° 1	8°20	16°36	M 6
T 7	19 0 54	15°48'17	19°32	0°59	0♍48	10°33	13° 5	15°33	4°14	0°33	15°49	13°43	14°58	8°27	16°33	T 7
W 8	19 4 50	16°45'37	4♐17	0°D57	1°40	11°14	13°18	15°30	4°16	0°34	15°50	13°37	14°55	8°33	16°30	W 8
T 9	19 8 47	17°42'56	19°15	1° 0	2°31	11°55	13°31	15°26	4°19	0°36	15°51	13°29	14°52	8°40	16°27	T 9
F 10	19 12 44	18°40'15	4♑17	1° 7	3°22	12°37	13°44	15°23	4°22	0°38	15°52	13°21	14°48	8°47	16°24	F 10
S 11	19 16 40	19°37'33	19°14	1°19	4°11	13°18	13°57	15°19	4°24	0°39	15°53	13°14	14°45	8°54	16°21	S 11
S 12	19 20 37	20°34'51	3♒57	1°36	5° 0	13°59	14°10	15°15	4°27	0°41	15°55	13° 7	14°42	9° 0	16°18	S 12
M13	19 24 33	21°32'08	18°19	1°57	5°48	14°40	14°23	15°11	4°30	0°43	15°56	13° 3	14°39	9° 7	16°15	M13
T 14	19 28 30	22°29'25	2♓15	2°23	6°36	15°21	14°35	15° 7	4°32	0°44	15°57	13° 0	14°36	9°14	16°12	T 14
W15	19 32 26	23°26'42	15°44	2°54	7°22	16° 2	14°48	15° 3	4°35	0°46	15°59	13°D 0	14°33	9°20	16° 9	W15
T 16	19 36 23	24°23'58	28°47	3°29	8° 8	16°43	15° 1	14°59	4°37	0°47	16° 0	13° 0	14°29	9°27	16° 6	T 16
F 17	19 40 19	25°21'15	11♈27	4° 9	8°53	17°24	15°13	14°55	4°40	0°49	16° 1	13° 2	14°26	9°34	16° 3	F 17
S 18	19 44 16	26°18'31	23°48	4°54	9°37	18° 5	15°26	14°51	4°42	0°50	16° 3	13°R 2	14°23	9°41	16° 0	S 18
S 19	19 48 13	27°15'48	5♉54	5°42	10°20	18°46	15°38	14°47	4°45	0°52	16° 4	13° 2	14°20	9°47	15°57	S 19
M20	19 52 9	28°13'05	17°51	6°35	11° 2	19°27	15°50	14°43	4°47	0°53	16° 5	13° 0	14°17	9°54	15°53	M20
T 21	19 56 6	29°10'21	29°43	7°33	11°43	20° 7	16° 2	14°39	4°49	0°55	16° 7	12°56	14°13	10° 1	15°50	T 21
W22	20 0 2	0♌ 7'38	11♊35	8°35	12°23	20°48	16°15	14°35	4°52	0°56	16° 8	12°50	14°10	10° 8	15°47	W22
T 23	20 3 59	1° 4'55	23°30	9°41	13° 2	21°29	16°27	14°30	4°54	0°57	16°10	12°44	14° 7	10°14	15°44	T 23
F 24	20 7 55	2° 2'12	5♋31	10°51	13°40	22° 9	16°39	14°26	4°56	0°59	16°11	12°36	14° 4	10°21	15°40	F 24
S 25	20 11 52	2°59'29	17°39	12° 5	14°17	22°50	16°51	14°22	4°58	1° 0	16°13	12°29	14° 1	10°28	15°37	S 25
S 26	20 15 48	3°56'46	29°57	13°23	14°52	23°30	17° 2	14°18	5° 1	1° 1	16°14	12°23	13°58	10°34	15°34	S 26
M27	20 19 45	4°54'04	12♌26	14°45	15°26	24°11	17°14	14°13	5° 3	1° 2	16°16	12°18	13°54	10°41	15°30	M27
T 28	20 23 42	5°51'21	25° 5	16°11	15°59	24°51	17°26	14° 9	5° 5	1° 4	16°17	12°15	13°51	10°48	15°27	T 28
W29	20 27 38	6°48'38	7♍57	17°41	16°31	25°32	17°37	14° 5	5° 7	1° 5	16°19	12°D14	13°48	10°55	15°24	W29
T 30	20 31 35	7°45'55	21° 1	19°15	17° 1	26°12	17°49	14° 0	5° 9	1° 6	16°21	12°14	13°45	11° 1	15°20	T 30
F 31	20 35 31	8♌43'11	4♎18	20♋52	17♍29	26♋52	18♊ 0	13♒56	5♊11	1♊ 7	16♍22	12♓15	13♓42	11♊ 8	15♒17	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n54	13n19	1n22	19n 4	4s12	14n38	1n46	23n46	0n38	21n18	0s46	16s21	0s23	20n34	0s14	18n31	1s37	15n55	11n12	6s20	5s46	26n30	8s19	7n44
T 2	22 50	7 39	0 15	18 57	4 19	14 16	1 42	23 45	0 39	21 20	0 46	16 22	0 23	20 35	0 14	18 32	1 37	15 54	11 12	6 20	5 47	26 31	8 19	7 44
F 3	22 45	1 33	0s54	18 51	4 25	13 53	1 38	23 43	0 39	21 21	0 46	16 23	0 24	20 35	0 14	18 32	1 37	15 54	11 12	6 20	5 48	26 32	8 19	7 45
S 4	22 40	4s46	2 2	18 47	4 30	13 30	1 33	23 41	0 40	21 23	0 46	16 24	0 24	20 36	0 14	18 32	1 37	15 53	11 12	6 20	5 49	26 34	8 20	7 45
S 5	22 34	11 1	3 5	18 44	4 33	13 7	1 29	23 39	0 40	21 25	0 46	16 25	0 24	20 36	0 14	18 33	1 37	15 53	11 11	6 20	5 51	26 35	8 20	7 45
M 6	22 28	16 53	3 59	18 42	4 35	12 44	1 24	23 36	0 41	21 26	0 46	16 26	0 24	20 37	0 14	18 33	1 37	15 52	11 11	6 20	5 52	26 36	8 21	7 45
T 7	22 21	21 58	4 39	18 41	4 36	12 21	1 19	23 33	0 41	21 28	0 46	16 27	0 24	20 37	0 14	18 33	1 37	15 51	11 11	6 22	5 53	26 37	8 21	7 46
W 8	22 15	25 48	5 1	18 42	4 35	11 57	1 13	23 31	0 42	21 30	0 46	16 28	0 24	20 38	0 14	18 34	1 37	15 51	11 11	6 24	5 54	26 38	8 22	7 46
T 9	22 7	27 54	5 3	18 44	4 33	11 34	1 8	23 27	0 42	21 31	0 46	16 29	0 24	20 38	0 14	18 34	1 37	15 50	11 11	6 27	5 56	26 40	8 23	7 46
F 10	22 0	27 58	4 45	18 47	4 30	11 10	1 2	23 24	0 43	21 33	0 46	16 31	0 24	20 39	0 14	18 34	1 37	15 49	11 10	6 30	5 57	26 41	8 23	7 47
S 11	21 52	26 0	4 7	18 51	4 26	10 47	0 56	23 21	0 43	21 34	0 46	16 32	0 24	20 39	0 14	18 35	1 37	15 49	11 10	6 33	5 58	26 42	8 24	7 47
S 12	21 43	22 17	3 14	18 56	4 20	10 23	0 50	23 17	0 44	21 36	0 46	16 33	0 24	20 40	0 14	18 35	1 37	15 48	11 10	6 36	5 59	26 43	8 24	7 47
M13	21 35	17 17	2 9	19 2	4 14	10 0	0 44	23 13	0 44	21 37	0 46	16 34	0 25	20 40	0 14	18 35	1 37	15 47	11 10	6 37	6 0	26 44	8 25	7 47
T 14	21 25	11 30	0 57	19 9	4 7	9 37	0 37	23 9	0 45	21 39	0 46	16 35	0 25	20 41	0 14	18 35	1 37	15 47	11 10	6 38	6 2	26 45	8 26	7 47
W15	21 16	5 22	0n15	19 16	3 59	9 13	0 30	23 5	0 45	21 40	0 46	16 37	0 25	20 41	0 14	18 36	1 37	15 46	11 9	6 38	6 3	26 46	8 26	7 48
T 16	21 6	0n48	1 24	19 24	3 50	8 50	0 23	23 0	0 46	21 41	0 46	16 38	0 25	20 42	0 14	18 36	1 37	15 45	11 9	6 38	6 4	26 48	8 27	7 48
F 17	20 56	6 46	2 27	19 33	3 41	8 26	0 16	22 56	0 46	21 43	0 46	16 39	0 25	20 42	0 14	18 36	1 37	15 45	11 9	6 38	6 5	26 49	8 28	7 48
S 18	20 45	12 18	3 22	19 41	3 31	8 3	0 9	22 51	0 47	21 44	0 46	16 40	0 25	20 43	0 14	18 36	1 37	15 44	11 9	6 37	6 7	26 50	8 28	7 48
S 19	20 34	17 17	4 6	19 50	3 20	7 40	0 1	22 46	0 47	21 45	0 46	16 42	0 25	20 43	0 14	18 37	1 37	15 43	11 9	6 37	6 8	26 51	8 29	7 48
M20	20 23	21 31	4 39	19 59	3 9	7 17	0s 7	22 40	0 48	21 47	0 46	16 43	0 25	20 43	0 14	18 37	1 37	15 42	11 8	6 38	6 9	26 52	8 30	7 49
T 21	20 12	24 51	5 0	20 7	2 57	6 54	0 15	22 35	0 48	21 48	0 46	16 44	0 25	20 44	0 14	18 37	1 37	15 42	11 8	6 40	6 10	26 53	8 31	7 49
W22	20 0	27 7	5 8	20 16	2 45	6 31	0 23	22 29	0 48	21 49	0 46	16 46	0 25	20 44	0 14	18 37	1 37	15 41	11 8	6 42	6 11	26 54	8 32	7 49
T 23	19 47	28 10	5 3	20 24	2 33	6 8	0 32	22 23	0 49	21 50	0 46	16 47	0 26	20 45	0 14	18 38	1 38	15 40	11 8	6 44	6 13	26 55	8 32	7 49
F 24	19 35	27 55	4 44	20 31	2 20	5 46	0 40	22 17	0 49	21 52	0 46	16 48	0 26	20 45	0 14	18 38	1 38	15 40	11 8	6 47	6 14	26 56	8 33	7 49
S 25	19 22	26 18	4 13	20 38	2 7	5 23	0 50	22 11	0 50	21 53	0 46	16 50	0 26	20 45	0 14	18 38	1 38	15 39	11 8	6 50	6 15	26 57	8 34	7 49
S 26	19 9	23 26	3 29	20 44	1 54	5 1	0 59	22 5	0 50	21 54	0 46	16 51	0 26	20 46	0 14	18 38	1 38	15 38	11 7	6 52	6 16	26 58	8 35	7 49
M27	18 55	19 27	2 35	20 48	1 41	4 39	1 8	21 58	0 51	21 55	0 46	16 52	0 26	20 46	0 14	18 39	1 38	15 37	11 7	6 54	6 17	26 59	8 36	7 49
T 28	18 41	14 31	1 32	20 52	1 28	4 18	1 18	21 52	0 51	21 56	0 46	16 54	0 26	20 47	0 14	18 39	1 38	15 37	11 7	6 55	6 19	27 0	8 37	7 49
W29	18 27	8 54	0 23	20 54	1 14	3 56	1 28	21 45	0 52	21 57	0 46	16 55	0 26	20 47	0 14	18 39	1 38	15 36	11 7	6 56	6 20	27 1	8 38	7 49
T 30	18 13	2 49	0s48	20 54	1 1	3 35	1 38	21 38	0 52	21 58	0 46	16 56	0 26	20 47	0 14	18 39	1 38	15 35	11 7	6 56	6 21	27 2	8 39	7 49
F 31	17n58	3s30	1s58	20n53	0s48	3n15	1s49	21n30	0n52	21n59	0s46	16s58	0s26	20n48	0s14	18n39	1s38	15n34	11n 7	6s55	6s22	27n 3	8s39	7n49

Julian Day Number = 2889286.5, Delta T = 01h18m30s
Ecliptic obliquity = 23°17'12, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°31'31, Lahiri = 40°38'32

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ASTRODIENST EPHEMERIS for the year 3198
geocentric

AUGUST 3198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 39 28	9♌40'28	17♎49	22♋33	17♍56	27♋33	18♊12	13°R51	5♊13	1♊ 8	16♍24	12♓16	13♓39	11♊15	15°R13	S 1
S 2	20 43 24	10°37'45	1♏35	24°18	18°21	28°13	18°23	13♒47	5°15	1° 9	16°26	12°18	13°35	11°22	15♒10	S 2
M 3	20 47 21	11°35'01	15°36	26° 6	18°45	28°53	18°34	13°42	5°16	1°10	16°27	12°R18	13°32	11°28	15° 6	M 3
T 4	20 51 17	12°32'18	29°51	27°56	19° 7	29°33	18°45	13°38	5°18	1°11	16°29	12°17	13°29	11°35	15° 3	T 4
W 5	20 55 14	13°29'35	14♐18	29°50	19°27	0♌13	18°56	13°34	5°20	1°12	16°31	12°14	13°26	11°42	14°59	W 5
T 6	20 59 11	14°26'52	28°53	1♌47	19°46	0°53	19° 7	13°29	5°22	1°13	16°32	12°11	13°23	11°48	14°56	T 6
F 7	21 3 7	15°24'09	13♑30	3°45	20° 2	1°33	19°18	13°25	5°23	1°14	16°34	12° 8	13°19	11°55	14°53	F 7
S 8	21 7 4	16°21'26	28° 3	5°46	20°17	2°13	19°28	13°20	5°25	1°15	16°36	12° 4	13°16	12° 2	14°49	S 8
S 9	21 11 0	17°18'43	12♒26	7°49	20°29	2°53	19°39	13°16	5°27	1°16	16°38	12° 1	13°13	12° 9	14°46	S 9
M10	21 14 57	18°16'01	26°32	9°54	20°40	3°33	19°50	13°11	5°28	1°16	16°39	11°59	13°10	12°15	14°42	M10
T 11	21 18 53	19°13'19	10♓19	11°59	20°48	4°13	20° 0	13° 7	5°30	1°17	16°41	11°D59	13° 7	12°22	14°39	T 11
W12	21 22 50	20°10'38	23°44	14° 5	20°54	4°53	20°10	13° 3	5°31	1°18	16°43	11°59	13° 4	12°29	14°35	W12
T 13	21 26 46	21° 7'57	6♈46	16°12	20°58	5°32	20°20	12°58	5°32	1°19	16°45	12° 0	13° 0	12°35	14°32	T 13
F 14	21 30 43	22° 5'17	19°27	18°20	21°R 0	6°12	20°30	12°54	5°34	1°19	16°46	12° 2	12°57	12°42	14°29	F 14
S 15	21 34 40	23° 2'38	1♉50	20°27	20°59	6°52	20°40	12°49	5°35	1°20	16°48	12° 3	12°54	12°49	14°25	S 15
S 16	21 38 36	24° 0'00	13°59	22°34	20°56	7°31	20°50	12°45	5°36	1°21	16°50	12° 4	12°51	12°56	14°22	S 16
M17	21 42 33	24°57'23	25°58	24°40	20°51	8°11	21° 0	12°41	5°38	1°21	16°52	12°R 4	12°48	13° 2	14°18	M17
T 18	21 46 29	25°54'47	7♊52	26°45	20°43	8°51	21° 9	12°37	5°39	1°22	16°54	12° 4	12°45	13° 9	14°15	T 18
W19	21 50 26	26°52'12	19°45	28°50	20°33	9°30	21°19	12°32	5°40	1°22	16°56	12° 3	12°41	13°16	14°12	W19
T 20	21 54 22	27°49'38	1♋42	0♍54	20°20	10°10	21°28	12°28	5°41	1°23	16°58	12° 1	12°38	13°23	14° 8	T 20
F 21	21 58 19	28°47'05	13°47	2°56	20° 6	10°49	21°38	12°24	5°42	1°23	16°59	11°59	12°35	13°29	14° 5	F 21
S 22	22 2 16	29°44'32	26° 2	4°57	19°48	11°28	21°47	12°20	5°43	1°24	17° 1	11°57	12°32	13°36	14° 2	S 22
S 23	22 6 12	0♍42'01	8♌30	6°57	19°29	12° 8	21°56	12°16	5°44	1°24	17° 3	11°56	12°29	13°43	13°59	S 23
M24	22 10 9	1°39'31	21°13	8°55	19° 7	12°47	22° 5	12°12	5°45	1°25	17° 5	11°55	12°25	13°49	13°55	M24
T 25	22 14 5	2°37'01	4♍12	10°52	18°44	13°26	22°13	12° 8	5°46	1°25	17° 7	11°54	12°22	13°56	13°52	T 25
W26	22 18 2	3°34'33	17°25	12°48	18°18	14° 6	22°22	12° 4	5°46	1°25	17° 9	11°D54	12°19	14° 3	13°49	W26
T 27	22 21 58	4°32'05	0♎53	14°42	17°50	14°45	22°30	12° 0	5°47	1°25	17°11	11°54	12°16	14°10	13°46	T 27
F 28	22 25 55	5°29'38	14°34	16°34	17°20	15°24	22°39	11°56	5°48	1°26	17°13	11°55	12°13	14°16	13°43	F 28
S 29	22 29 51	6°27'12	28°26	18°25	16°49	16° 3	22°47	11°52	5°48	1°26	17°15	11°56	12°10	14°23	13°40	S 29
S 30	22 33 48	7°24'47	12♏27	20°14	16°16	16°42	22°55	11°48	5°49	1°26	17°17	11°56	12° 6	14°30	13°37	S 30
M31	22 37 44	8♍22'23	26♏35	22♍ 2	15♍42	17♌21	23♊ 3	11♒44	5♊50	1♊26	17♍19	11♓56	12♓ 3	14♊36	13♒34	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n43	9s45	3s 2	20n50	0s35	2n54	1s59	21n23	0n53	22n 0	0s46	16s59	0s26	20n48	0s14	18n39	1s38	15n34	11n 7	6s55	6s24	27n 4	8s40	7n50
S 2	17 28	15 40	3 57	20 45	0 22	2 35	2 10	21 15	0 53	22 1	0 46	17 0	0 27	20 48	0 14	18 40	1 38	15 33	11 7	6 54	6 25	27 5	8 41	7 50
M 3	17 12	20 52	4 40	20 38	0 10	2 15	2 21	21 8	0 54	22 2	0 46	17 2	0 27	20 49	0 14	18 40	1 38	15 32	11 6	6 54	6 26	27 6	8 42	7 50
T 4	16 56	24 58	5 5	20 29	0n 2	1 56	2 33	21 0	0 54	22 3	0 46	17 3	0 27	20 49	0 14	18 40	1 38	15 31	11 6	6 55	6 27	27 7	8 43	7 50
W 5	16 40	27 32	5 12	20 17	0 14	1 38	2 44	20 52	0 54	22 4	0 46	17 5	0 27	20 49	0 14	18 40	1 38	15 31	11 6	6 56	6 28	27 8	8 44	7 49
T 6	16 24	28 16	5 0	20 3	0 25	1 20	2 56	20 44	0 55	22 5	0 46	17 6	0 27	20 50	0 14	18 40	1 38	15 30	11 6	6 57	6 30	27 9	8 45	7 49
F 7	16 7	27 2	4 27	19 46	0 36	1 2	3 8	20 35	0 55	22 5	0 46	17 7	0 27	20 50	0 14	18 40	1 38	15 29	11 6	6 58	6 31	27 10	8 46	7 49
S 8	15 50	23 59	3 38	19 27	0 46	0 45	3 20	20 27	0 56	22 6	0 46	17 9	0 27	20 50	0 14	18 40	1 38	15 28	11 6	7 0	6 32	27 11	8 47	7 49
S 9	15 33	19 27	2 35	19 5	0 55	0 29	3 33	20 18	0 56	22 7	0 46	17 10	0 27	20 50	0 14	18 41	1 38	15 27	11 6	7 1	6 33	27 12	8 48	7 49
M10	15 15	13 54	1 24	18 41	1 3	0 13	3 45	20 9	0 57	22 8	0 46	17 11	0 27	20 51	0 14	18 41	1 38	15 27	11 6	7 1	6 34	27 13	8 49	7 49
T 11	14 58	7 47	0 9	18 14	1 11	0s 1	3 58	20 0	0 57	22 9	0 46	17 13	0 27	20 51	0 14	18 41	1 38	15 26	11 6	7 2	6 36	27 14	8 50	7 49
W12	14 40	1 29	1n 4	17 45	1 18	0 16	4 10	19 51	0 57	22 9	0 46	17 14	0 27	20 51	0 14	18 41	1 39	15 25	11 6	7 1	6 37	27 15	8 51	7 49
T 13	14 22	4n42	2 12	17 13	1 24	0 29	4 23	19 42	0 58	22 10	0 46	17 15	0 27	20 51	0 14	18 41	1 39	15 24	11 5	7 1	6 38	27 16	8 53	7 49
F 14	14 4	10 32	3 12	16 40	1 30	0 42	4 36	19 32	0 58	22 11	0 46	17 16	0 27	20 52	0 14	18 41	1 39	15 24	11 5	7 0	6 39	27 17	8 54	7 49
S 15	13 45	15 48	4 1	16 4	1 34	0 53	4 49	19 23	0 58	22 11	0 47	17 18	0 28	20 52	0 14	18 41	1 39	15 23	11 5	7 0	6 41	27 18	8 55	7 49
S 16	13 26	20 22	4 38	15 27	1 38	1 4	5 2	19 13	0 59	22 12	0 47	17 19	0 28	20 52	0 14	18 41	1 39	15 22	11 5	7 0	6 42	27 18	8 56	7 49
M17	13 7	24 2	5 3	14 48	1 41	1 14	5 15	19 3	0 59	22 13	0 47	17 20	0 28	20 52	0 14	18 41	1 39	15 21	11 5	6 59	6 43	27 19	8 57	7 48
T 18	12 48	26 39	5 15	14 8	1 43	1 23	5 28	18 54	1 0	22 13	0 47	17 22	0 28	20 52	0 14	18 41	1 39	15 21	11 5	7 0	6 44	27 20	8 58	7 48
W19	12 29	28 5	5 13	13 26	1 45	1 31	5 41	18 43	1 0	22 14	0 47	17 23	0 28	20 53	0 14	18 41	1 39	15 20	11 5	7 0	6 45	27 21	8 59	7 48
T 20	12 9	28 14	4 57	12 44	1 45	1 38	5 54	18 33	1 0	22 14	0 47	17 24	0 28	20 53	0 14	18 41	1 39	15 19	11 5	7 1	6 47	27 22	9 0	7 48
F 21	11 49	27 2	4 28	12 0	1 45	1 44	6 7	18 23	1 1	22 15	0 47	17 25	0 28	20 53	0 14	18 41	1 39	15 18	11 5	7 1	6 48	27 23	9 1	7 48
S 22	11 29	24 31	3 47	11 15	1 44	1 49	6 19	18 13	1 1	22 15	0 47	17 27	0 28	20 53	0 14	18 41	1 39	15 17	11 5	7 2	6 49	27 24	9 2	7 47
S 23	11 9	20 49	2 54	10 30	1 43	1 52	6 31	18 2	1 1	22 16	0 47	17 28	0 28	20 53	0 14	18 42	1 39	15 17	11 5	7 3	6 50	27 24	9 3	7 47
M24	10 49	16 6	1 52	9 44	1 41	1 55	6 43	17 51	1 2	22 16	0 47	17 29	0 28	20 54	0 14	18 42	1 39	15 16	11 5	7 3	6 51	27 25	9 4	7 47
T 25	10 29	10 34	0 43	8 58	1 38	1 56	6 55	17 40	1 2	22 17	0 47	17 30	0 28	20 54	0 14	18 42	1 39	15 15	11 5	7 3	6 53	27 26	9 6	7 47
W26	10 8	4 28	0s31	8 11	1 35	1 56	7 6	17 30	1 3	22 17	0 47	17 31	0 28	20 54	0 14	18 42	1 39	15 14	11 5	7 3	6 54	27 27	9 7	7 47
T 27	9 47	1s56	1 43	7 24	1 32	1 55	7 16	17 19	1 3	22 18	0 47	17 33	0 28	20 54	0 14	18 42	1 39	15 14	11 5	7 3	6 55	27 28	9 8	7 46
F 28	9 26	8 20	2 51	6 37	1 28	1 53	7 26	17 7	1 3	22 18	0 47	17 34	0 28	20 54	0 14	18 42	1 39	15 13	11 5	7 3	6 56	27 28	9 9	7 46
S 29	9 5	14 26	3 50	5 50	1 23	1 50	7 36	16 56	1 4	22 18	0 47	17 35	0 29	20 54	0 14	18 42	1 39	15 12	11 5	7 3	6 57	27 29	9 10	7 46
S 30	8 44	19 51	4 36	5 3	1 18	1 46	7 44	16 45	1 4	22 19	0 47	17 36	0 29	20 54	0 14	18 42	1 40	15 11	11 5	7 3	6 59	27 30	9 11	7 45
M31	8n23	24s13	5s 5	4n15	1n13	1s40	7s52	16n33	1n 4	22n19	0s47	17s37	0s29	20n54	0s14	18n41	1s40	15n11	11n 5	7s 2	7s 0	27n31	9s12	7n45

Julian Day Number = 2889317.5, Delta T = 01h18m31s
Ecliptic obliquity = 23°17'12, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°31'35, Lahiri = 40°38'36

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ASTRODIENST EPHEMERIS for the year 3198
geocentric

SEPTEMBER 3198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 41 41	9♍19'59	10♐48	23♍48	15°R 7	18♌ 0	23♊11	11°R41	5♊50	1♊26	17♍21	11°R56	12♓ 0	14♊43	13°R31	T 1
W 2	22 45 38	10°17'37	25° 3	25°32	14♍31	18°39	23°18	11♒37	5°50	1°26	17°23	11♓56	11°57	14°50	13♒28	W 2
T 3	22 49 34	11°15'15	9♑18	27°16	13°54	19°18	23°26	11°33	5°51	1°26	17°25	11°56	11°54	14°57	13°25	T 3
F 4	22 53 31	12°12'54	23°30	28°57	13°17	19°57	23°33	11°30	5°51	1°R26	17°27	11°D56	11°51	15° 3	13°22	F 4
S 5	22 57 27	13°10'34	7♒35	0♎38	12°39	20°36	23°41	11°27	5°51	1°26	17°29	11°56	11°47	15°10	13°19	S 5
S 6	23 1 24	14° 8'15	21°30	2°16	12° 2	21°15	23°48	11°23	5°52	1°26	17°31	11°56	11°44	15°17	13°17	S 6
M 7	23 5 20	15° 5'57	5♓13	3°54	11°25	21°54	23°55	11°20	5°52	1°26	17°33	11°R56	11°41	15°24	13°14	M 7
T 8	23 9 17	16° 3'40	18°41	5°30	10°48	22°33	24° 1	11°17	5°52	1°26	17°35	11°56	11°38	15°30	13°11	T 8
W 9	23 13 13	17° 1'24	1♈52	7° 4	10°12	23°11	24° 8	11°13	5°52	1°26	17°37	11°56	11°35	15°37	13° 9	W 9
T 10	23 17 10	17°59'10	14°46	8°37	9°37	23°50	24°14	11°10	5°R52	1°26	17°38	11°56	11°31	15°44	13° 6	T 10
F 11	23 21 7	18°56'57	27°23	10° 9	9° 4	24°29	24°21	11° 7	5°52	1°26	17°40	11°55	11°28	15°50	13° 4	F 11
S 12	23 25 3	19°54'46	9♉45	11°39	8°31	25° 7	24°27	11° 4	5°52	1°25	17°42	11°54	11°25	15°57	13° 1	S 12
S 13	23 29 0	20°52'36	21°53	13° 8	8° 1	25°46	24°33	11° 1	5°52	1°25	17°44	11°53	11°22	16° 4	12°59	S 13
M14	23 32 56	21°50'29	3♊53	14°35	7°32	26°24	24°39	10°59	5°52	1°25	17°46	11°52	11°19	16°11	12°56	M14
T 15	23 36 53	22°48'22	15°47	16° 1	7° 5	27° 3	24°44	10°56	5°52	1°24	17°48	11°51	11°16	16°17	12°54	T 15
W16	23 40 49	23°46'18	27°41	17°25	6°40	27°41	24°50	10°53	5°51	1°24	17°50	11°D51	11°12	16°24	12°52	W16
T 17	23 44 46	24°44'15	9♋38	18°48	6°17	28°20	24°55	10°51	5°51	1°24	17°52	11°52	11° 9	16°31	12°49	T 17
F 18	23 48 42	25°42'14	21°43	20° 9	5°56	28°58	25° 0	10°48	5°51	1°23	17°54	11°53	11° 6	16°38	12°47	F 18
S 19	23 52 39	26°40'15	4♌ 1	21°29	5°37	29°37	25° 5	10°46	5°50	1°23	17°56	11°54	11° 3	16°44	12°45	S 19
S 20	23 56 36	27°38'18	16°35	22°47	5°21	0♍15	25°10	10°43	5°50	1°22	17°58	11°55	11° 0	16°51	12°43	S 20
M21	0 0 32	28°36'22	29°29	24° 4	5° 8	0°53	25°15	10°41	5°49	1°22	18° 0	11°56	10°56	16°58	12°41	M21
T 22	0 4 29	29°34'28	12♍43	25°19	4°56	1°32	25°19	10°39	5°49	1°21	18° 2	11°R57	10°53	17° 4	12°39	T 22
W23	0 8 25	0♎32'35	26°17	26°32	4°48	2°10	25°24	10°37	5°48	1°20	18° 4	11°56	10°50	17°11	12°37	W23
T 24	0 12 22	1°30'44	10♎10	27°43	4°41	2°48	25°28	10°35	5°48	1°20	18° 6	11°55	10°47	17°18	12°36	T 24
F 25	0 16 18	2°28'55	24°18	28°52	4°37	3°26	25°32	10°33	5°47	1°19	18° 8	11°52	10°44	17°25	12°34	F 25
S 26	0 20 15	3°27'07	8♏38	29°59	4°D35	4° 4	25°35	10°31	5°46	1°18	18°10	11°49	10°41	17°31	12°32	S 26
S 27	0 24 11	4°25'21	23° 3	1♏ 4	4°36	4°42	25°39	10°29	5°45	1°18	18°12	11°46	10°37	17°38	12°31	S 27
M28	0 28 8	5°23'37	7♐29	2° 7	4°39	5°20	25°42	10°28	5°45	1°17	18°14	11°44	10°34	17°45	12°29	M28
T 29	0 32 5	6°21'54	21°51	3° 7	4°44	5°58	25°46	10°26	5°44	1°16	18°16	11°42	10°31	17°51	12°28	T 29
W30	0 36 1	7♎20'12	6♑ 5	4♏ 5	4♍52	6♍36	25♊49	10♒25	5♊43	1♊15	18♍18	11°D41	10♓28	17♊58	12♒26	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n 1	27s 9	5s17	3n28	1n 7	1s34	8s 0	16n22	1n 5	22n20	0s47	17s38	0s29	20n54	0s14	18n41	1s40	15n10	11n 5	7s 2	7s 1	27n31	9s13	7n45
W 2	7 40	28 20	5 8	2 42	1 1	1 26	8 6	16 10	1 5	22 20	0 47	17 39	0 29	20 54	0 14	18 41	1 40	15 9	11 5	7 2	7 2	27 32	9 14	7 45
T 3	7 18	27 38	4 41	1 55	0 54	1 17	8 12	15 58	1 5	22 20	0 47	17 40	0 29	20 55	0 14	18 41	1 40	15 8	11 5	7 2	7 3	27 33	9 15	7 44
F 4	6 56	25 9	3 57	1 9	0 48	1 8	8 17	15 46	1 6	22 20	0 47	17 41	0 29	20 55	0 14	18 41	1 40	15 8	11 5	7 2	7 5	27 34	9 17	7 44
S 5	6 34	21 9	2 59	0 23	0 41	0 57	8 21	15 34	1 6	22 21	0 48	17 42	0 29	20 55	0 14	18 41	1 40	15 7	11 5	7 2	7 6	27 34	9 18	7 44
S 6	6 12	16 0	1 51	0s23	0 34	0 46	8 24	15 22	1 6	22 21	0 48	17 43	0 29	20 55	0 14	18 41	1 40	15 6	11 5	7 2	7 7	27 35	9 19	7 43
M 7	5 50	10 7	0 37	1 8	0 26	0 34	8 26	15 10	1 7	22 21	0 48	17 44	0 29	20 55	0 14	18 41	1 40	15 5	11 5	7 2	7 8	27 36	9 20	7 43
T 8	5 28	3 53	0n37	1 53	0 18	0 22	8 27	14 58	1 7	22 22	0 48	17 45	0 29	20 55	0 14	18 41	1 40	15 5	11 5	7 2	7 9	27 36	9 21	7 43
W 9	5 6	2n24	1 48	2 38	0 11	0 9	8 27	14 46	1 7	22 22	0 48	17 46	0 29	20 55	0 14	18 41	1 40	15 4	11 5	7 2	7 11	27 37	9 22	7 42
T 10	4 43	8 26	2 52	3 21	0 3	0n 5	8 26	14 33	1 8	22 22	0 48	17 47	0 29	20 55	0 14	18 41	1 40	15 3	11 5	7 3	7 12	27 38	9 23	7 42
F 11	4 21	13 59	3 46	4 5	0s 5	0 18	8 25	14 21	1 8	22 22	0 48	17 48	0 29	20 55	0 14	18 41	1 40	15 3	11 6	7 3	7 13	27 38	9 24	7 41
S 12	3 58	18 52	4 28	4 47	0 14	0 32	8 23	14 8	1 8	22 22	0 48	17 49	0 29	20 55	0 14	18 41	1 40	15 2	11 6	7 3	7 14	27 39	9 25	7 41
S 13	3 36	22 54	4 57	5 30	0 22	0 46	8 19	13 56	1 9	22 23	0 48	17 49	0 29	20 55	0 14	18 41	1 40	15 1	11 6	7 4	7 15	27 40	9 26	7 41
M14	3 13	25 55	5 13	6 11	0 31	1 1	8 16	13 43	1 9	22 23	0 48	17 50	0 29	20 55	0 14	18 40	1 40	15 0	11 6	7 4	7 17	27 40	9 27	7 40
T 15	2 50	27 46	5 15	6 52	0 39	1 15	8 11	13 30	1 9	22 23	0 48	17 51	0 29	20 55	0 14	18 40	1 40	15 0	11 6	7 4	7 18	27 41	9 28	7 40
W16	2 28	28 20	5 4	7 32	0 48	1 29	8 5	13 17	1 9	22 23	0 48	17 52	0 30	20 55	0 14	18 40	1 40	14 59	11 6	7 4	7 19	27 42	9 29	7 39
T 17	2 5	27 36	4 40	8 12	0 57	1 42	7 59	13 4	1 10	22 23	0 48	17 53	0 30	20 55	0 14	18 40	1 40	14 58	11 6	7 4	7 20	27 42	9 30	7 39
F 18	1 42	25 33	4 3	8 50	1 5	1 56	7 53	12 51	1 10	22 23	0 48	17 53	0 30	20 54	0 14	18 40	1 41	14 58	11 6	7 4	7 21	27 43	9 31	7 38
S 19	1 19	22 16	3 14	9 28	1 14	2 9	7 46	12 38	1 10	22 23	0 48	17 54	0 30	20 54	0 14	18 40	1 41	14 57	11 6	7 3	7 23	27 44	9 32	7 38
S 20	0 56	17 55	2 15	10 6	1 23	2 22	7 38	12 25	1 11	22 24	0 48	17 55	0 30	20 54	0 14	18 40	1 41	14 56	11 6	7 3	7 24	27 44	9 33	7 38
M21	0 33	12 39	1 8	10 42	1 32	2 35	7 30	12 12	1 11	22 24	0 48	17 55	0 30	20 54	0 14	18 39	1 41	14 56	11 7	7 2	7 25	27 45	9 34	7 37
T 22	0 10	6 41	0s 4	11 17	1 40	2 47	7 21	11 58	1 11	22 24	0 49	17 56	0 30	20 54	0 14	18 39	1 41	14 55	11 7	7 2	7 26	27 45	9 35	7 37
W23	0s13	0 16	1 18	11 52	1 49	2 58	7 13	11 45	1 12	22 24	0 49	17 57	0 30	20 54	0 14	18 39	1 41	14 54	11 7	7 3	7 27	27 46	9 36	7 36
T 24	0 36	6s17	2 29	12 26	1 58	3 9	7 3	11 32	1 12	22 24	0 49	17 57	0 30	20 54	0 14	18 39	1 41	14 54	11 7	7 3	7 29	27 46	9 37	7 36
F 25	0 59	12 39	3 32	12 58	2 6	3 19	6 54	11 18	1 12	22 24	0 49	17 58	0 30	20 54	0 14	18 39	1 41	14 53	11 7	7 4	7 30	27 47	9 38	7 35
S 26	1 22	18 26	4 23	13 30	2 15	3 29	6 44	11 5	1 12	22 24	0 49	17 58	0 30	20 54	0 14	18 39	1 41	14 53	11 7	7 5	7 31	27 47	9 39	7 35
S 27	1 45	23 13	4 57	14 0	2 23	3 38	6 34	10 51	1 13	22 24	0 49	17 59	0 30	20 54	0 14	18 38	1 41	14 52	11 7	7 6	7 32	27 48	9 40	7 34
M28	2 8	26 34	5 13	14 30	2 31	3 46	6 24	10 38	1 13	22 24	0 49	17 59	0 30	20 53	0 14	18 38	1 41	14 51	11 8	7 7	7 33	27 49	9 41	7 34
T 29	2 31	28 11	5 9	14 58	2 39	3 54	6 14	10 24	1 13	22 24	0 49	18 0	0 30	20 53	0 14	18 38	1 41	14 51	11 8	7 8	7 35	27 49	9 42	7 33
W30	2s54	27s54	4s46	15s25	2s47	4n 1	6s 3	10n10	1n13	22n24	0s49	18s 0	0s30	20n53	0s14	18n38	1s41	14n50	11n 8	7s 8	7s36	27n50	9s43	7n33

Julian Day Number = 2889348.5, Delta T = 01h18m31s
Ecliptic obliquity = 23°17'12, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°31'40, Lahiri = 40°38'40

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ASTRODIENST EPHEMERIS for the year 3198
geocentric

OCTOBER 3198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 39 58	8♎18'32	20♉10	5♏ 0	5♍ 1	7♍14	25♊51	10°R23	5°R42	1°R14	18♍19	11♓42	10♓25	18♊ 5	12°R25	T 1
F 2	0 43 54	9°16'53	4♒ 3	5°52	5°13	7°52	25°54	10♒22	5♊41	1♊14	18°21	11°43	10°22	18°12	12♒24	F 2
S 3	0 47 51	10°15'16	17°44	6°41	5°27	8°30	25°56	10°21	5°40	1°13	18°23	11°45	10°18	18°18	12°22	S 3
S 4	0 51 47	11°13'40	1♓14	7°27	5°43	9° 8	25°59	10°20	5°39	1°12	18°25	11°46	10°15	18°25	12°21	S 4
M 5	0 55 44	12°12'05	14°31	8° 9	6° 0	9°46	26° 1	10°19	5°37	1°11	18°27	11°R46	10°12	18°32	12°20	M 5
T 6	0 59 40	13°10'32	27°36	8°47	6°20	10°24	26° 3	10°18	5°36	1°10	18°29	11°45	10° 9	18°39	12°19	T 6
W 7	1 3 37	14° 9'01	10♈28	9°21	6°42	11° 1	26° 4	10°17	5°35	1° 9	18°31	11°43	10° 6	18°45	12°18	W 7
T 8	1 7 33	15° 7'32	23° 7	9°50	7° 5	11°39	26° 6	10°16	5°34	1° 8	18°32	11°38	10° 2	18°52	12°17	T 8
F 9	1 11 30	16° 6'05	5♉35	10°14	7°30	12°17	26° 7	10°16	5°32	1° 7	18°34	11°33	9°59	18°59	12°16	F 9
S 10	1 15 27	17° 4'40	17°51	10°34	7°57	12°54	26° 8	10°15	5°31	1° 6	18°36	11°26	9°56	19° 5	12°16	S 10
S 11	1 19 23	18° 3'17	29°56	10°47	8°25	13°32	26° 9	10°15	5°30	1° 4	18°38	11°20	9°53	19°12	12°15	S 11
M12	1 23 20	19° 1'56	11♊54	10°55	8°55	14° 9	26°10	10°15	5°28	1° 3	18°39	11°14	9°50	19°19	12°14	M12
T 13	1 27 16	20° 0'37	23°47	10°R56	9°26	14°47	26°10	10°15	5°27	1° 2	18°41	11°10	9°47	19°26	12°14	T 13
W14	1 31 13	20°59'20	5♋39	10°51	9°59	15°24	26°10	10°D14	5°25	1° 1	18°43	11° 6	9°43	19°32	12°13	W14
T 15	1 35 9	21°58'05	17°34	10°38	10°33	16° 2	26°R10	10°14	5°24	1° 0	18°45	11°D 5	9°40	19°39	12°13	T 15
F 16	1 39 6	22°56'53	29°37	10°19	11° 9	16°39	26°10	10°15	5°22	0°59	18°46	11° 5	9°37	19°46	12°13	F 16
S 17	1 43 2	23°55'42	11♌53	9°51	11°46	17°17	26°10	10°15	5°20	0°57	18°48	11° 6	9°34	19°52	12°13	S 17
S 18	1 46 59	24°54'34	24°27	9°17	12°24	17°54	26° 9	10°15	5°19	0°56	18°50	11° 8	9°31	19°59	12°12	S 18
M19	1 50 56	25°53'28	7♍22	8°35	13° 3	18°31	26° 9	10°15	5°17	0°55	18°51	11°R 9	9°28	20° 6	12°12	M19
T 20	1 54 52	26°52'24	20°43	7°46	13°44	19° 9	26° 8	10°16	5°15	0°53	18°53	11° 8	9°24	20°13	12°D12	T 20
W21	1 58 49	27°51'23	4♎30	6°50	14°25	19°46	26° 7	10°17	5°13	0°52	18°55	11° 6	9°21	20°19	12°12	W21
T 22	2 2 45	28°50'23	18°41	5°49	15° 8	20°23	26° 5	10°17	5°12	0°51	18°56	11° 2	9°18	20°26	12°12	T 22
F 23	2 6 42	29°49'25	3♏14	4°44	15°52	21° 0	26° 4	10°18	5°10	0°49	18°58	10°55	9°15	20°33	12°13	F 23
S 24	2 10 38	0♏48'30	18° 1	3°35	16°36	21°37	26° 2	10°19	5° 8	0°48	18°59	10°48	9°12	20°39	12°13	S 24
S 25	2 14 35	1°47'36	2♐53	2°25	17°22	22°14	26° 0	10°20	5° 6	0°47	19° 1	10°40	9° 8	20°46	12°13	S 25
M26	2 18 31	2°46'44	17°44	1°16	18° 9	22°51	25°58	10°21	5° 4	0°45	19° 3	10°32	9° 5	20°53	12°14	M26
T 27	2 22 28	3°45'55	2♑24	0° 9	18°56	23°28	25°55	10°22	5° 2	0°44	19° 4	10°27	9° 2	21° 0	12°14	T 27
W28	2 26 25	4°45'06	16°48	29♎ 6	19°44	24° 5	25°53	10°23	5° 0	0°42	19° 6	10°23	8°59	21° 6	12°15	W28
T 29	2 30 21	5°44'20	0♒54	28° 9	20°33	24°42	25°50	10°25	4°58	0°41	19° 7	10°D22	8°56	21°13	12°15	T 29
F 30	2 34 18	6°43'35	14°41	27°20	21°23	25°19	25°47	10°26	4°56	0°39	19° 9	10°22	8°53	21°20	12°16	F 30
S 31	2 38 14	7♏42'51	28♒ 8	26♎40	22♍14	25♍56	25♊44	10♒28	4♊54	0♊38	19♍10	10♓23	8♓49	21♊27	12♒17	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s17	25s50	4s 6	15s51	2s54	4n 7	5s53	9n56	1n14	22n24	0s49	18s 0	0s30	20n53	0s14	18n38	1s41	14n50	11n 8	7s 8	7s37	27n50	9s43	7n32
F 2	3 39	22 14	3 12	16 15	3 2	4 13	5 42	9 43	1 14	22 24	0 49	18 1	0 30	20 53	0 14	18 37	1 41	14 49	11 8	7 7	7 38	27 51	9 44	7 32
S 3	4 2	17 27	2 8	16 38	3 9	4 18	5 32	9 29	1 14	22 24	0 49	18 1	0 30	20 53	0 14	18 37	1 41	14 48	11 8	7 7	7 39	27 51	9 45	7 31
S 4	4 25	11 52	0 57	16 59	3 15	4 22	5 21	9 15	1 15	22 24	0 49	18 2	0 30	20 52	0 14	18 37	1 41	14 48	11 9	7 6	7 41	27 52	9 46	7 31
M 5	4 48	5 50	0n15	17 19	3 21	4 26	5 11	9 1	1 15	22 24	0 49	18 2	0 30	20 52	0 14	18 37	1 41	14 47	11 9	7 6	7 42	27 52	9 47	7 30
T 6	5 10	0n21	1 25	17 36	3 27	4 28	5 0	8 47	1 15	22 24	0 49	18 2	0 30	20 52	0 14	18 36	1 41	14 47	11 9	7 7	7 43	27 53	9 47	7 30
W 7	5 33	6 25	2 30	17 52	3 32	4 31	4 49	8 33	1 15	22 24	0 49	18 2	0 30	20 52	0 14	18 36	1 41	14 46	11 9	7 8	7 44	27 53	9 48	7 29
T 8	5 55	12 8	3 26	18 6	3 37	4 32	4 39	8 19	1 16	22 24	0 49	18 3	0 30	20 51	0 14	18 36	1 41	14 46	11 9	7 9	7 45	27 53	9 49	7 28
F 9	6 18	17 15	4 12	18 18	3 41	4 32	4 28	8 5	1 16	22 24	0 50	18 3	0 30	20 51	0 14	18 36	1 42	14 45	11 10	7 11	7 47	27 54	9 50	7 28
S 10	6 40	21 35	4 44	18 27	3 44	4 32	4 18	7 51	1 16	22 24	0 50	18 3	0 30	20 51	0 14	18 35	1 42	14 45	11 10	7 14	7 48	27 54	9 50	7 27
S 11	7 2	24 57	5 4	18 33	3 47	4 32	4 8	7 37	1 16	22 24	0 50	18 3	0 30	20 51	0 14	18 35	1 42	14 44	11 10	7 16	7 49	27 55	9 51	7 27
M12	7 24	27 11	5 10	18 37	3 48	4 30	3 57	7 22	1 17	22 24	0 50	18 3	0 30	20 51	0 14	18 35	1 42	14 44	11 10	7 18	7 50	27 55	9 52	7 26
T 13	7 46	28 11	5 2	18 38	3 49	4 28	3 47	7 8	1 17	22 24	0 50	18 3	0 31	20 50	0 14	18 35	1 42	14 43	11 11	7 20	7 51	27 56	9 53	7 26
W14	8 8	27 52	4 42	18 36	3 48	4 25	3 37	6 54	1 17	22 24	0 50	18 3	0 31	20 50	0 14	18 34	1 42	14 43	11 11	7 21	7 52	27 56	9 53	7 25
T 15	8 30	26 16	4 10	18 30	3 46	4 22	3 27	6 40	1 17	22 24	0 50	18 3	0 31	20 50	0 14	18 34	1 42	14 42	11 11	7 22	7 54	27 56	9 54	7 25
F 16	8 52	23 27	3 26	18 20	3 43	4 17	3 17	6 26	1 18	22 24	0 50	18 3	0 31	20 49	0 14	18 34	1 42	14 42	11 11	7 22	7 55	27 57	9 54	7 24
S 17	9 14	19 33	2 32	18 7	3 38	4 13	3 8	6 11	1 18	22 24	0 50	18 3	0 31	20 49	0 14	18 33	1 42	14 41	11 12	7 21	7 56	27 57	9 55	7 23
S 18	9 35	14 42	1 29	17 50	3 31	4 7	2 58	5 57	1 18	22 24	0 50	18 3	0 31	20 49	0 14	18 33	1 42	14 41	11 12	7 21	7 57	27 57	9 56	7 23
M19	9 56	9 4	0 20	17 28	3 23	4 1	2 49	5 43	1 18	22 24	0 50	18 3	0 31	20 49	0 14	18 33	1 42	14 41	11 12	7 20	7 58	27 58	9 56	7 22
T 20	10 18	2 52	0s51	17 3	3 13	3 54	2 39	5 28	1 18	22 24	0 50	18 3	0 31	20 48	0 14	18 33	1 42	14 40	11 12	7 21	8 0	27 58	9 57	7 22
W21	10 39	3s39	2 3	16 33	3 1	3 47	2 30	5 14	1 19	22 24	0 50	18 3	0 31	20 48	0 14	18 32	1 42	14 40	11 13	7 21	8 1	27 58	9 57	7 21
T 22	11 0	10 11	3 8	16 0	2 47	3 39	2 21	5 0	1 19	22 24	0 50	18 3	0 31	20 48	0 14	18 32	1 42	14 39	11 13	7 23	8 2	27 59	9 58	7 21
F 23	11 20	16 19	4 3	15 24	2 32	3 31	2 12	4 45	1 19	22 24	0 50	18 3	0 31	20 47	0 14	18 32	1 42	14 39	11 13	7 25	8 3	27 59	9 58	7 20
S 24	11 41	21 36	4 42	14 44	2 14	3 22	2 3	4 31	1 19	22 23	0 50	18 2	0 31	20 47	0 14	18 31	1 42	14 39	11 13	7 28	8 4	27 59	9 59	7 19
S 25	12 1	25 34	5 3	14 3	1 56	3 12	1 55	4 17	1 20	22 23	0 50	18 2	0 31	20 47	0 14	18 31	1 42	14 38	11 14	7 31	8 6	28 0	9 59	7 19
M26	12 22	27 46	5 4	13 21	1 37	3 2	1 46	4 2	1 20	22 23	0 50	18 2	0 31	20 46	0 14	18 31	1 42	14 38	11 14	7 34	8 7	28 0	10 0	7 18
T 27	12 42	28 0	4 44	12 39	1 16	2 51	1 38	3 48	1 20	22 23	0 50	18 2	0 31	20 46	0 14	18 30	1 42	14 38	11 14	7 36	8 8	28 0	10 0	7 18
W28	13 1	26 19	4 7	11 57	0 56	2 40	1 29	3 34	1 20	22 23	0 50	18 1	0 31	20 46	0 14	18 30	1 42	14 37	11 15	7 38	8 9	28 1	10 1	7 17
T 29	13 21	23 0	3 15	11 18	0 35	2 28	1 21	3 19	1 20	22 23	0 50	18 1	0 31	20 45	0 14	18 30	1 42	14 37	11 15	7 38	8 10	28 1	10 1	7 17
F 30	13 40	18 27	2 13	10 42	0 15	2 16	1 13	3 5	1 21	22 23	0 50	18 0	0 31	20 45	0 14	18 29	1 42	14 37	11 15	7 38	8 11	28 1	10 1	7 16
S 31	14s 0	13s 4	1s 5	10s 9	0n 4	2n 4	1s 5	2n51	1n21	22n23	0s50	18s 0	0s31	20n44	0s14	18n29	1s42	14n37	11n16	7s38	8s13	28n 1	10s 2	7n15

Julian Day Number = 2889378.5, Delta T = 01h18m32s
Ecliptic obliquity = 23°17'12, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°31'44, Lahiri = 40°38'44

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ASTRODIENST EPHEMERIS for the year 3198
geocentric

NOVEMBER 3198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 42 11	8♏42'10	11♓20	26°R10	23♍ 5	26♍33	25°R41	10♒30	4°R52	0°R36	19♍11	10°R23	8♓46	21♊33	12♒18	S 1
M 2	2 46 7	9°41'30	24°16	25♎51	23°57	27°10	25♊37	10°31	4♊49	0♊35	19°13	10♓22	8°43	21°40	12°19	M 2
T 3	2 50 4	10°40'51	7♈ 0	25°D42	24°50	27°46	25°34	10°33	4°47	0°33	19°14	10°19	8°40	21°47	12°20	T 3
W 4	2 54 0	11°40'15	19°34	25°45	25°44	28°23	25°30	10°35	4°45	0°32	19°15	10°13	8°37	21°53	12°21	W 4
T 5	2 57 57	12°39'40	1♉58	25°59	26°38	29° 0	25°26	10°37	4°43	0°30	19°17	10° 5	8°34	22° 0	12°22	T 5
F 6	3 1 54	13°39'08	14°13	26°22	27°33	29°36	25°21	10°40	4°41	0°28	19°18	9°54	8°30	22° 7	12°23	F 6
S 7	3 5 50	14°38'37	26°20	26°56	28°28	0♎13	25°17	10°42	4°38	0°27	19°19	9°42	8°27	22°14	12°24	S 7
S 8	3 9 47	15°38'09	8♊20	27°38	29°24	0°49	25°12	10°44	4°36	0°25	19°21	9°29	8°24	22°20	12°26	S 8
M 9	3 13 43	16°37'42	20°15	28°29	0♎20	1°26	25° 8	10°47	4°34	0°24	19°22	9°17	8°21	22°27	12°27	M 9
T 10	3 17 40	17°37'18	2♋ 6	29°27	1°18	2° 2	25° 3	10°49	4°31	0°22	19°23	9° 7	8°18	22°34	12°29	T 10
W11	3 21 36	18°36'56	13°57	0♏31	2°15	2°39	24°57	10°52	4°29	0°20	19°24	8°59	8°14	22°40	12°30	W11
T 12	3 25 33	19°36'36	25°50	1°42	3°13	3°15	24°52	10°54	4°27	0°19	19°25	8°54	8°11	22°47	12°32	T 12
F 13	3 29 29	20°36'18	7♌50	2°57	4°12	3°51	24°47	10°57	4°24	0°17	19°27	8°51	8° 8	22°54	12°34	F 13
S 14	3 33 26	21°36'02	20° 2	4°16	5°11	4°28	24°41	11° 0	4°22	0°15	19°28	8°D50	8° 5	23° 1	12°35	S 14
S 15	3 37 23	22°35'49	2♍31	5°39	6°11	5° 4	24°35	11° 3	4°20	0°14	19°29	8°R51	8° 2	23° 7	12°37	S 15
M16	3 41 19	23°35'37	15°22	7° 6	7°11	5°40	24°29	11° 6	4°17	0°12	19°30	8°51	7°59	23°14	12°39	M16
T 17	3 45 16	24°35'28	28°39	8°34	8°11	6°16	24°23	11° 9	4°15	0°10	19°31	8°49	7°55	23°21	12°41	T 17
W18	3 49 12	25°35'21	12♎26	10° 5	9°12	6°52	24°17	11°13	4°12	0° 9	19°32	8°45	7°52	23°27	12°43	W18
T 19	3 53 9	26°35'16	26°43	11°38	10°13	7°28	24°11	11°16	4°10	0° 7	19°33	8°39	7°49	23°34	12°45	T 19
F 20	3 57 5	27°35'13	11♏26	13°12	11°15	8° 5	24° 4	11°19	4° 7	0° 5	19°34	8°30	7°46	23°41	12°47	F 20
S 21	4 1 2	28°35'12	26°29	14°47	12°17	8°40	23°58	11°23	4° 5	0° 4	19°35	8°19	7°43	23°48	12°50	S 21
S 22	4 4 58	29°35'13	11♐42	16°23	13°19	9°16	23°51	11°27	4° 2	0° 2	19°36	8° 8	7°39	23°54	12°52	S 22
M23	4 8 55	0♐35'16	26°55	17°59	14°22	9°52	23°44	11°30	4° 0	0° 0	19°37	7°57	7°36	24° 1	12°54	M23
T 24	4 12 52	1°35'20	11♑57	19°36	15°25	10°28	23°37	11°34	3°57	29♉58	19°37	7°48	7°33	24° 8	12°57	T 24
W25	4 16 48	2°35'26	26°39	21°13	16°29	11° 4	23°30	11°38	3°55	29°57	19°38	7°42	7°30	24°15	12°59	W25
T 26	4 20 45	3°35'34	10♒56	22°51	17°33	11°40	23°23	11°42	3°53	29°55	19°39	7°38	7°27	24°21	13° 2	T 26
F 27	4 24 41	4°35'43	24°48	24°28	18°37	12°15	23°15	11°46	3°50	29°53	19°40	7°37	7°24	24°28	13° 4	F 27
S 28	4 28 38	5°35'53	8♓14	26° 6	19°41	12°51	23° 8	11°50	3°48	29°52	19°41	7°37	7°20	24°35	13° 7	S 28
S 29	4 32 34	6°36'05	21°19	27°44	20°46	13°26	23° 0	11°54	3°45	29°50	19°41	7°37	7°17	24°41	13°10	S 29
M30	4 36 31	7♐36'18	4♈ 5	29♏21	21♎51	14♎ 2	22♊53	11♒58	3♊43	29♉48	19♍42	7♓35	7♓14	24♊48	13♒13	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s19	7s12	0n 5	9s41	0n23	1n50	0s58	2n36	1n21	22n23	0s50	18s 0	0s31	20n44	0s14	18n29	1s42	14n36	11n16	7s38	8s14	28n 2	10s 2	7n15
M 2	14 37	1 8	1 13	9 18	0 40	1 37	0 50	2 22	1 21	22 22	0 51	17 59	0 31	20 44	0 14	18 28	1 42	14 36	11 16	7 38	8 15	28 2	10 2	7 14
T 3	14 56	4n52	2 17	9 1	0 56	1 23	0 43	2 8	1 21	22 22	0 51	17 59	0 31	20 43	0 14	18 28	1 42	14 36	11 16	7 39	8 16	28 2	10 2	7 14
W 4	15 14	10 35	3 13	8 48	1 10	1 8	0 36	1 53	1 22	22 22	0 51	17 58	0 31	20 43	0 14	18 28	1 42	14 36	11 17	7 41	8 17	28 2	10 3	7 13
T 5	15 32	15 49	3 59	8 41	1 22	0 54	0 29	1 39	1 22	22 22	0 51	17 58	0 31	20 42	0 14	18 27	1 42	14 35	11 17	7 45	8 19	28 3	10 3	7 13
F 6	15 50	20 20	4 33	8 40	1 33	0 38	0 22	1 25	1 22	22 22	0 51	17 57	0 31	20 42	0 14	18 27	1 42	14 35	11 17	7 49	8 20	28 3	10 3	7 12
S 7	16 8	23 58	4 54	8 43	1 42	0 23	0 15	1 10	1 22	22 22	0 51	17 56	0 31	20 42	0 14	18 27	1 42	14 35	11 18	7 53	8 21	28 3	10 3	7 11
S 8	16 25	26 31	5 2	8 51	1 50	0 7	0 8	0 56	1 22	22 21	0 51	17 56	0 31	20 41	0 14	18 26	1 42	14 35	11 18	7 58	8 22	28 3	10 4	7 11
M 9	16 42	27 51	4 56	9 3	1 56	0s10	0 2	0 42	1 23	22 21	0 51	17 55	0 31	20 41	0 14	18 26	1 42	14 35	11 19	8 2	8 23	28 3	10 4	7 10
T 10	16 59	27 54	4 38	9 19	2 1	0 26	0n 5	0 28	1 23	22 21	0 51	17 55	0 31	20 40	0 14	18 26	1 42	14 34	11 19	8 6	8 24	28 4	10 4	7 10
W11	17 15	26 40	4 8	9 39	2 4	0 43	0 11	0 14	1 23	22 21	0 51	17 54	0 31	20 40	0 14	18 25	1 42	14 34	11 19	8 9	8 26	28 4	10 4	7 9
T 12	17 31	24 14	3 27	10 1	2 6	1 1	0 17	0s 1	1 23	22 21	0 51	17 53	0 31	20 40	0 14	18 25	1 42	14 34	11 20	8 11	8 27	28 4	10 4	7 9
F 13	17 47	20 43	2 37	10 25	2 7	1 19	0 23	0 15	1 23	22 21	0 51	17 52	0 31	20 39	0 14	18 25	1 42	14 34	11 20	8 12	8 28	28 4	10 4	7 8
S 14	18 3	16 16	1 38	10 52	2 7	1 37	0 29	0 29	1 24	22 20	0 51	17 52	0 31	20 39	0 14	18 24	1 42	14 34	11 20	8 12	8 29	28 4	10 4	7 8
S 15	18 18	11 2	0 34	11 20	2 6	1 55	0 34	0 43	1 24	22 20	0 51	17 51	0 31	20 38	0 14	18 24	1 42	14 34	11 21	8 12	8 30	28 4	10 4	7 7
M16	18 33	5 12	0s35	11 50	2 4	2 13	0 40	0 57	1 24	22 20	0 51	17 50	0 31	20 38	0 14	18 24	1 42	14 34	11 21	8 12	8 32	28 4	10 4	7 7
T 17	18 48	1s 3	1 43	12 21	2 2	2 32	0 45	1 11	1 24	22 20	0 51	17 49	0 31	20 37	0 14	18 23	1 42	14 34	11 21	8 13	8 33	28 5	10 4	7 6
W18	19 2	7 28	2 48	12 52	1 59	2 51	0 50	1 25	1 24	22 19	0 50	17 48	0 31	20 37	0 14	18 23	1 42	14 34	11 22	8 14	8 34	28 5	10 4	7 5
T 19	19 16	13 43	3 44	13 24	1 55	3 11	0 55	1 39	1 24	22 19	0 50	17 47	0 31	20 37	0 14	18 23	1 42	14 34	11 22	8 17	8 35	28 5	10 4	7 5
F 20	19 30	19 24	4 28	13 56	1 51	3 30	1 0	1 53	1 25	22 19	0 50	17 47	0 31	20 36	0 14	18 22	1 42	14 34	11 23	8 20	8 36	28 5	10 4	7 4
S 21	19 43	24 0	4 54	14 29	1 46	3 50	1 5	2 7	1 25	22 19	0 50	17 46	0 32	20 36	0 14	18 22	1 42	14 33	11 23	8 24	8 37	28 5	10 4	7 4
S 22	19 56	27 0	5 0	15 1	1 41	4 10	1 9	2 21	1 25	22 18	0 50	17 45	0 32	20 35	0 14	18 21	1 42	14 33	11 23	8 28	8 39	28 5	10 4	7 3
M23	20 9	27 59	4 44	15 33	1 35	4 30	1 14	2 35	1 25	22 18	0 50	17 44	0 32	20 35	0 14	18 21	1 42	14 33	11 24	8 32	8 40	28 5	10 4	7 3
T 24	20 21	26 53	4 9	16 5	1 29	4 50	1 18	2 49	1 25	22 18	0 50	17 43	0 32	20 34	0 14	18 21	1 42	14 34	11 24	8 35	8 41	28 5	10 3	7 2
W25	20 33	23 56	3 18	16 36	1 23	5 10	1 22	3 2	1 25	22 18	0 50	17 42	0 32	20 34	0 14	18 20	1 42	14 34	11 24	8 38	8 42	28 5	10 3	7 2
T 26	20 44	19 33	2 16	17 7	1 17	5 31	1 26	3 16	1 26	22 17	0 50	17 40	0 32	20 33	0 14	18 20	1 42	14 34	11 25	8 39	8 43	28 5	10 3	7 1
F 27	20 55	14 14	1 7	17 37	1 11	5 52	1 30	3 30	1 26	22 17	0 50	17 39	0 32	20 33	0 14	18 20	1 42	14 34	11 25	8 39	8 44	28 5	10 3	7 1
S 28	21 6	8 23	0n 3	18 7	1 4	6 12	1 34	3 43	1 26	22 17	0 50	17 38	0 32	20 32	0 14	18 19	1 42	14 34	11 26	8 39	8 46	28 5	10 3	7 0
S 29	21 16	2 19	1 12	18 36	0 57	6 33	1 37	3 57	1 26	22 16	0 50	17 37	0 32	20 32	0 14	18 19	1 42	14 34	11 26	8 40	8 47	28 5	10 2	7 0
M30	21s26	3n41	2n15	19s 4	0n51	6s54	1n41	4s11	1n26	22n16	0s50	17s36	0s32	20n32	0s14	18n19	1s42	14n34	11n26	8s40	8s48	28n 5	10s 2	6n59

Julian Day Number = 2889409.5, Delta T = 01h18m33s
Ecliptic obliquity = 23°17'12, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°31'48, Lahiri = 40°38'49

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ASTRODIENST EPHEMERIS for the year 3198
geocentric

DECEMBER 3198 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 40 28	8♐36'32	16♈36	0♐58	22♎56	14♎37	22°R45	12♒ 3	3°R40	29°R47	19♍43	7°R31	7♓11	24♊55	13♒16	T 1
W 2	4 44 24	9°36'48	28°56	2°35	24° 2	15°13	22♊37	12° 7	3♊38	29♉45	19°43	7♓24	7° 8	25° 2	13°18	W 2
T 3	4 48 21	10°37'05	11♉ 6	4°12	25° 7	15°48	22°29	12°12	3°35	29°43	19°44	7°14	7° 5	25° 8	13°21	T 3
F 4	4 52 17	11°37'24	23°11	5°49	26°13	16°23	22°22	12°16	3°33	29°42	19°44	7° 1	7° 1	25°15	13°24	F 4
S 5	4 56 14	12°37'45	5♊10	7°25	27°20	16°59	22°14	12°21	3°30	29°40	19°45	6°46	6°58	25°22	13°28	S 5
S 6	5 0 10	13°38'07	17° 5	9° 1	28°26	17°34	22° 6	12°26	3°28	29°39	19°45	6°32	6°55	25°28	13°31	S 6
M 7	5 4 7	14°38'31	28°57	10°37	29°33	18° 9	21°58	12°30	3°25	29°37	19°46	6°17	6°52	25°35	13°34	M 7
T 8	5 8 3	15°38'56	10♋48	12°13	0♏40	18°44	21°50	12°35	3°23	29°35	19°46	6° 5	6°49	25°42	13°37	T 8
W 9	5 12 0	16°39'23	22°40	13°49	1°48	19°19	21°41	12°40	3°21	29°34	19°47	5°55	6°46	25°49	13°41	W 9
T 10	5 15 57	17°39'52	4♌35	15°24	2°55	19°54	21°33	12°45	3°18	29°32	19°47	5°49	6°42	25°55	13°44	T 10
F 11	5 19 53	18°40'22	16°36	16°59	4° 3	20°29	21°25	12°50	3°16	29°31	19°47	5°45	6°39	26° 2	13°47	F 11
S 12	5 23 50	19°40'54	28°47	18°34	5°11	21° 4	21°17	12°55	3°14	29°29	19°48	5°43	6°36	26° 9	13°51	S 12
S 13	5 27 46	20°41'27	11♍13	20° 9	6°19	21°39	21° 9	13° 1	3°11	29°27	19°48	5°D43	6°33	26°15	13°54	S 13
M14	5 31 43	21°42'02	23°59	21°43	7°27	22°13	21° 1	13° 6	3° 9	29°26	19°48	5°R43	6°30	26°22	13°58	M14
T 15	5 35 39	22°42'39	7♎ 9	23°18	8°36	22°48	20°52	13°11	3° 7	29°24	19°48	5°43	6°26	26°29	14° 2	T 15
W16	5 39 36	23°43'18	20°47	24°52	9°44	23°23	20°44	13°17	3° 4	29°23	19°49	5°40	6°23	26°36	14° 5	W16
T 17	5 43 32	24°43'58	4♏54	26°26	10°53	23°57	20°36	13°22	3° 2	29°21	19°49	5°34	6°20	26°42	14° 9	T 17
F 18	5 47 29	25°44'39	19°31	28° 0	12° 2	24°32	20°28	13°28	3° 0	29°20	19°49	5°27	6°17	26°49	14°13	F 18
S 19	5 51 26	26°45'23	4♐32	29°34	13°11	25° 6	20°20	13°33	2°58	29°18	19°49	5°17	6°14	26°56	14°16	S 19
S 20	5 55 22	27°46'07	19°48	1♑ 8	14°21	25°40	20°12	13°39	2°55	29°17	19°49	5° 6	6°11	27° 2	14°20	S 20
M21	5 59 19	28°46'53	5♑10	2°42	15°30	26°15	20° 4	13°44	2°53	29°16	19°49	4°56	6° 7	27° 9	14°24	M21
T 22	6 3 15	29°47'40	20°24	4°16	16°40	26°49	19°56	13°50	2°51	29°14	19°R49	4°48	6° 4	27°16	14°28	T 22
W23	6 7 12	0♑48'28	5♒21	5°50	17°50	27°23	19°48	13°56	2°49	29°13	19°49	4°42	6° 1	27°23	14°32	W23
T 24	6 11 8	1°49'17	19°53	7°24	19° 0	27°57	19°40	14° 2	2°47	29°11	19°49	4°39	5°58	27°29	14°36	T 24
F 25	6 15 5	2°50'07	3♓57	8°57	20°10	28°31	19°32	14° 8	2°45	29°10	19°49	4°D38	5°55	27°36	14°40	F 25
S 26	6 19 2	3°50'57	17°32	10°31	21°20	29° 5	19°25	14°14	2°43	29° 9	19°49	4°38	5°52	27°43	14°44	S 26
S 27	6 22 58	4°51'48	0♈41	12° 5	22°31	29°39	19°17	14°20	2°41	29° 7	19°49	4°R39	5°48	27°49	14°49	S 27
M28	6 26 55	5°52'40	13°27	13°39	23°41	0♏12	19° 9	14°26	2°39	29° 6	19°48	4°39	5°45	27°56	14°53	M28
T 29	6 30 51	6°53'33	25°55	15°13	24°52	0°46	19° 2	14°32	2°37	29° 5	19°48	4°37	5°42	28° 3	14°57	T 29
W30	6 34 48	7°54'26	8♉ 9	16°46	26° 2	1°19	18°55	14°38	2°35	29° 4	19°48	4°32	5°39	28°10	15° 1	W30
T 31	6 38 44	8♉55'20	20♉13	18♑20	27♏13	1♏53	18♊47	14♒44	2♊33	29♉ 2	19♍48	4♓25	5♓36	28♊16	15♒ 6	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s36	9n25	3n10	19 s30	0n44	7 s15	1n44	4 s24	1n26	22n16	0 s50	17 s35	0 s32	20n31	0 s14	18n18	1 s42	14n34	11n27	8 s42	8 s49	28n 5	10 s 2	6n59
W 2	21 45	14 41	3 55	19 57	0 37	7 36	1 47	4 37	1 26	22 15	0 50	17 34	0 32	20 31	0 14	18 18	1 42	14 34	11 27	8 44	8 50	28 5	10 1	6 58
T 3	21 54	19 20	4 29	20 22	0 30	7 57	1 50	4 51	1 27	22 15	0 50	17 32	0 32	20 30	0 14	18 18	1 42	14 34	11 28	8 48	8 51	28 5	10 1	6 58
F 4	22 2	23 8	4 51	20 46	0 23	8 18	1 53	5 4	1 27	22 15	0 50	17 31	0 32	20 30	0 14	18 17	1 42	14 34	11 28	8 53	8 53	28 5	10 1	6 57
S 5	22 10	25 56	4 59	21 9	0 16	8 39	1 56	5 17	1 27	22 14	0 49	17 30	0 32	20 29	0 14	18 17	1 42	14 35	11 28	8 58	8 54	28 5	10 0	6 57
S 6	22 17	27 33	4 54	21 31	0 9	9 0	1 58	5 31	1 27	22 14	0 49	17 29	0 32	20 29	0 14	18 17	1 42	14 35	11 29	9 4	8 55	28 5	10 0	6 56
M 7	22 25	27 54	4 37	21 52	0 2	9 21	2 1	5 44	1 27	22 13	0 49	17 27	0 32	20 28	0 14	18 16	1 42	14 35	11 29	9 9	8 56	28 5	9 59	6 56
T 8	22 31	26 57	4 7	22 12	0 s 5	9 43	2 3	5 57	1 27	22 13	0 49	17 26	0 32	20 28	0 14	18 16	1 42	14 35	11 30	9 13	8 57	28 5	9 59	6 56
W 9	22 37	24 47	3 27	22 30	0 12	10 4	2 5	6 10	1 27	22 13	0 49	17 25	0 32	20 28	0 14	18 16	1 42	14 35	11 30	9 17	8 58	28 5	9 58	6 55
T 10	22 43	21 32	2 37	22 48	0 18	10 25	2 7	6 23	1 27	22 12	0 49	17 23	0 32	20 27	0 14	18 15	1 42	14 36	11 30	9 19	9 0	28 5	9 58	6 55
F 11	22 48	17 21	1 39	23 4	0 25	10 45	2 9	6 36	1 28	22 12	0 49	17 22	0 32	20 27	0 14	18 15	1 42	14 36	11 31	9 21	9 1	28 5	9 57	6 54
S 12	22 53	12 24	0 37	23 19	0 32	11 6	2 11	6 49	1 28	22 11	0 49	17 20	0 32	20 26	0 14	18 15	1 42	14 36	11 31	9 21	9 2	28 5	9 57	6 54
S 13	22 58	6 52	0 s29	23 33	0 38	11 27	2 13	7 1	1 28	22 11	0 49	17 19	0 32	20 26	0 14	18 14	1 42	14 36	11 32	9 21	9 3	28 5	9 56	6 53
M14	23 2	0 55	1 35	23 46	0 44	11 47	2 14	7 14	1 28	22 11	0 48	17 18	0 32	20 25	0 14	18 14	1 42	14 37	11 32	9 21	9 4	28 5	9 56	6 53
T 15	23 5	5 s15	2 38	23 58	0 51	12 8	2 16	7 27	1 28	22 10	0 48	17 16	0 32	20 25	0 14	18 14	1 42	14 37	11 33	9 22	9 5	28 4	9 55	6 53
W16	23 8	11 23	3 35	24 8	0 57	12 28	2 17	7 39	1 28	22 10	0 48	17 15	0 32	20 25	0 14	18 14	1 42	14 37	11 33	9 23	9 7	28 4	9 54	6 52
T 17	23 11	17 10	4 20	24 17	1 3	12 48	2 18	7 52	1 28	22 9	0 48	17 13	0 32	20 24	0 14	18 13	1 42	14 38	11 33	9 25	9 8	28 4	9 54	6 52
F 18	23 13	22 10	4 51	24 25	1 8	13 8	2 19	8 4	1 28	22 9	0 48	17 12	0 32	20 24	0 14	18 13	1 42	14 38	11 34	9 27	9 9	28 4	9 53	6 51
S 19	23 15	25 51	5 2	24 31	1 14	13 28	2 20	8 17	1 28	22 9	0 48	17 10	0 32	20 23	0 14	18 13	1 42	14 38	11 34	9 31	9 10	28 4	9 52	6 51
S 20	23 16	27 45	4 52	24 36	1 20	13 48	2 21	8 29	1 29	22 8	0 48	17 8	0 32	20 23	0 14	18 12	1 42	14 39	11 35	9 35	9 11	28 4	9 52	6 51
M21	23 17	27 33	4 22	24 40	1 25	14 7	2 21	8 41	1 29	22 8	0 48	17 7	0 32	20 22	0 14	18 12	1 42	14 39	11 35	9 38	9 12	28 4	9 51	6 50
T 22	23 17	25 15	3 32	24 43	1 30	14 26	2 22	8 53	1 29	22 7	0 47	17 5	0 32	20 22	0 14	18 12	1 42	14 39	11 35	9 41	9 14	28 3	9 50	6 50
W23	23 17	21 14	2 29	24 44	1 35	14 45	2 22	9 5	1 29	22 7	0 47	17 4	0 32	20 22	0 14	18 12	1 42	14 40	11 36	9 44	9 15	28 3	9 50	6 49
T 24	23 16	15 59	1 18	24 44	1 39	15 4	2 23	9 17	1 29	22 6	0 47	17 2	0 32	20 21	0 14	18 11	1 42	14 40	11 36	9 45	9 16	28 3	9 49	6 49
F 25	23 15	10 3	0 4	24 43	1 44	15 22	2 23	9 29	1 29	22 6	0 47	17 0	0 33	20 21	0 14	18 11	1 42	14 41	11 37	9 45	9 17	28 3	9 48	6 49
S 26	23 14	3 51	1n 8	24 40	1 48	15 41	2 23	9 41	1 29	22 5	0 47	16 59	0 33	20 21	0 14	18 11	1 42	14 41	11 37	9 45	9 18	28 3	9 47	6 48
S 27	23 12	2n20	2 14	24 36	1 52	15 58	2 23	9 53	1 29	22 5	0 47	16 57	0 33	20 20	0 14	18 11	1 42	14 41	11 38	9 45	9 19	28 2	9 46	6 48
M28	23 9	8 14	3 12	24 31	1 56	16 16	2 23	10 5	1 29	22 5	0 46	16 55	0 33	20 20	0 14	18 10	1 42	14 42	11 38	9 45	9 21	28 2	9 45	6 48
T 29	23 6	13 39	3 59	24 24	1 59	16 33	2 23	10 16	1 29	22 4	0 46	16 53	0 33	20 19	0 14	18 10	1 42	14 42	11 38	9 46	9 22	28 2	9 45	6 47
W30	23 3	18 27	4 34	24 16	2 2	16 50	2 22	10 28	1 29	22 4	0 46	16 52	0 33	20 19	0 14	18 10	1 42	14 43	11 39	9 47	9 23	28 2	9 44	6 47
T 31	22 s59	22n26	4n56	24 s 6	2 s 5	17 s 7	2n22	10 s39	1n30	22n 3	0 s46	16 s50	0 s33	20n19	0 s14	18n10	1 s42	14n43	11n39	9 s50	9 s24	28n 1	9 s43	6n47

Julian Day Number = 2889439.5, Delta T = 01h18m33s
Ecliptic obliquity = 23°17'11, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°31'52, Lahiri = 40°38'53

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ASTRODIENST EPHEMERIS for the year 3199
geocentric

JANUARY 3199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 42 41	9♉56'14	2♊10	19♉54	28♏24	2♏26	18°R40	14♒51	2°R31	29°R 1	19°R47	4°R16	5♓32	28♊23	15♒10	F 1
S 2	6 46 37	10°57'10	14° 3	21°28	29°35	3° 0	18♊33	14°57	2♊30	29♉ 0	19♍47	4♓ 6	5°29	28°30	15°14	S 2
S 3	6 50 34	11°58'06	25°55	23° 1	0♐46	3°33	18°26	15° 3	2°28	28°59	19°47	3°55	5°26	28°36	15°19	S 3
M 4	6 54 31	12°59'02	7♋47	24°35	1°58	4° 6	18°20	15°10	2°26	28°58	19°46	3°45	5°23	28°43	15°23	M 4
T 5	6 58 27	14° 0'00	19°41	26° 9	3° 9	4°39	18°13	15°16	2°24	28°57	19°46	3°36	5°20	28°50	15°28	T 5
W 6	7 2 24	15° 0'58	1♌38	27°42	4°21	5°12	18° 6	15°22	2°23	28°56	19°46	3°29	5°17	28°57	15°32	W 6
T 7	7 6 20	16° 1'56	13°40	29°15	5°32	5°45	18° 0	15°29	2°21	28°55	19°45	3°24	5°13	29° 3	15°37	T 7
F 8	7 10 17	17° 2'56	25°49	0♒48	6°44	6°18	17°54	15°35	2°20	28°54	19°45	3°22	5°10	29°10	15°41	F 8
S 9	7 14 13	18° 3'56	8♍ 8	2°21	7°56	6°50	17°48	15°42	2°18	28°53	19°44	3°D22	5° 7	29°17	15°46	S 9
S 10	7 18 10	19° 4'57	20°39	3°53	9° 8	7°23	17°42	15°49	2°17	28°52	19°43	3°23	5° 4	29°23	15°51	S 10
M11	7 22 6	20° 5'59	3♎26	5°25	10°20	7°55	17°36	15°55	2°15	28°51	19°43	3°25	5° 1	29°30	15°55	M11
T 12	7 26 3	21° 7'01	16°33	6°56	11°32	8°28	17°30	16° 2	2°14	28°50	19°42	3°R26	4°58	29°37	16° 0	T 12
W13	7 30 0	22° 8'04	0♏ 3	8°26	12°44	9° 0	17°25	16° 9	2°12	28°49	19°42	3°25	4°54	29°44	16° 5	W13
T 14	7 33 56	23° 9'08	13°58	9°55	13°56	9°32	17°20	16°15	2°11	28°48	19°41	3°24	4°51	29°50	16° 9	T 14
F 15	7 37 53	24°10'13	28°18	11°23	15° 8	10° 4	17°15	16°22	2°10	28°47	19°40	3°20	4°48	29°57	16°14	F 15
S 16	7 41 49	25°11'18	13♐ 1	12°50	16°21	10°36	17°10	16°29	2° 9	28°47	19°40	3°15	4°45	0♋ 4	16°19	S 16
S 17	7 45 46	26°12'24	28° 1	14°14	17°33	11° 8	17° 5	16°36	2° 7	28°46	19°39	3° 9	4°42	0°10	16°24	S 17
M18	7 49 42	27°13'31	13♑10	15°37	18°46	11°40	17° 0	16°43	2° 6	28°45	19°38	3° 3	4°38	0°17	16°28	M18
T 19	7 53 39	28°14'38	28°19	16°57	19°58	12°12	16°56	16°50	2° 5	28°44	19°37	2°59	4°35	0°24	16°33	T 19
W20	7 57 36	29°15'44	13♒16	18°13	21°11	12°43	16°52	16°56	2° 4	28°44	19°36	2°56	4°32	0°30	16°38	W20
T 21	8 1 32	0♒16'51	27°54	19°26	22°24	13°15	16°47	17° 3	2° 3	28°43	19°35	2°D54	4°29	0°37	16°43	T 21
F 22	8 5 29	1°17'58	12♓ 7	20°35	23°36	13°46	16°44	17°10	2° 2	28°43	19°35	2°54	4°26	0°44	16°48	F 22
S 23	8 9 25	2°19'04	25°52	21°39	24°49	14°17	16°40	17°17	2° 1	28°42	19°34	2°56	4°23	0°51	16°53	S 23
S 24	8 13 22	3°20'11	9♈11	22°38	26° 2	14°48	16°36	17°24	2° 1	28°41	19°33	2°57	4°19	0°57	16°58	S 24
M25	8 17 18	4°21'17	22° 4	23°30	27°15	15°19	16°33	17°31	2° 0	28°41	19°32	2°59	4°16	1° 4	17° 3	M25
T 26	8 21 15	5°22'23	4♉36	24°14	28°28	15°50	16°30	17°38	1°59	28°40	19°31	2°R59	4°13	1°11	17° 7	T 26
W27	8 25 11	6°23'28	16°51	24°51	29°41	16°20	16°27	17°45	1°58	28°40	19°30	2°59	4°10	1°17	17°12	W27
T 28	8 29 8	7°24'33	28°54	25°18	0♉54	16°51	16°25	17°52	1°58	28°40	19°29	2°57	4° 7	1°24	17°17	T 28
F 29	8 33 5	8°25'38	10♊49	25°35	2° 7	17°21	16°22	18° 0	1°57	28°39	19°28	2°54	4° 4	1°31	17°22	F 29
S 30	8 37 1	9°26'42	22°41	25°R42	3°20	17°51	16°20	18° 7	1°57	28°39	19°27	2°50	4° 0	1°38	17°27	S 30
S 31	8 40 58	10♒27'46	4♋32	25♒37	4♉33	18♏21	16♊18	18♒14	1♊56	28♉39	19♍26	2♓46	3♓57	1♋44	17♒32	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s55	25n26	5n 5	23s55	2s 7	17s23	2n21	10s50	1n30	22n 3	0s46	16s48	0s33	20n18	0s14	18n10	1s42	14n44	11n40	9s53	9s25	28n 1	9s42	6n46
S 2	22 50	27 19	5 0	23 43	2 10	17 38	2 21	11 2	1 30	22 3	0 45	16 46	0 33	20 18	0 14	18 9	1 42	14 44	11 40	9 57	9 26	28 1	9 41	6 46
S 3	22 45	27 56	4 43	23 30	2 11	17 54	2 20	11 13	1 30	22 2	0 45	16 45	0 33	20 18	0 14	18 9	1 41	14 45	11 40	10 1	9 28	28 1	9 40	6 46
M 4	22 39	27 17	4 14	23 15	2 13	18 9	2 19	11 24	1 30	22 2	0 45	16 43	0 33	20 17	0 14	18 9	1 41	14 45	11 41	10 4	9 29	28 0	9 39	6 46
T 5	22 33	25 22	3 33	22 59	2 14	18 24	2 18	11 35	1 30	22 1	0 45	16 41	0 33	20 17	0 14	18 9	1 41	14 46	11 41	10 7	9 30	28 0	9 38	6 45
W 6	22 27	22 18	2 42	22 41	2 14	18 38	2 17	11 46	1 30	22 1	0 45	16 39	0 33	20 17	0 14	18 9	1 41	14 46	11 42	10 10	9 31	28 0	9 37	6 45
T 7	22 20	18 17	1 44	22 22	2 15	18 52	2 16	11 56	1 30	22 1	0 44	16 37	0 33	20 17	0 14	18 8	1 41	14 47	11 42	10 12	9 32	28 0	9 36	6 45
F 8	22 12	13 28	0 41	22 2	2 14	19 5	2 15	12 7	1 30	22 0	0 44	16 35	0 33	20 16	0 14	18 8	1 41	14 47	11 42	10 12	9 33	27 59	9 35	6 45
S 9	22 5	8 4	0s26	21 41	2 14	19 18	2 13	12 18	1 30	22 0	0 44	16 33	0 33	20 16	0 14	18 8	1 41	14 48	11 43	10 12	9 34	27 59	9 34	6 44
S 10	21 56	2 16	1 32	21 18	2 12	19 30	2 12	12 28	1 30	22 0	0 44	16 31	0 33	20 16	0 14	18 8	1 41	14 49	11 43	10 12	9 36	27 59	9 33	6 44
M11	21 48	3s44	2 36	20 54	2 10	19 42	2 11	12 38	1 30	21 59	0 44	16 30	0 33	20 15	0 14	18 8	1 41	14 49	11 43	10 12	9 37	27 58	9 32	6 44
T 12	21 38	9 44	3 33	20 29	2 8	19 53	2 9	12 49	1 30	21 59	0 43	16 28	0 33	20 15	0 14	18 8	1 41	14 50	11 44	10 11	9 38	27 58	9 30	6 44
W13	21 29	15 28	4 19	20 3	2 5	20 4	2 7	12 59	1 30	21 59	0 43	16 26	0 33	20 15	0 14	18 7	1 41	14 50	11 44	10 11	9 39	27 58	9 29	6 43
T 14	21 19	20 35	4 53	19 36	2 1	20 15	2 6	13 9	1 30	21 58	0 43	16 24	0 33	20 15	0 14	18 7	1 41	14 51	11 45	10 12	9 40	27 57	9 28	6 43
F 15	21 8	24 40	5 9	19 7	1 57	20 25	2 4	13 19	1 30	21 58	0 43	16 22	0 33	20 14	0 14	18 7	1 41	14 52	11 45	10 13	9 41	27 57	9 27	6 43
S 16	20 58	27 16	5 6	18 38	1 52	20 34	2 2	13 29	1 30	21 58	0 43	16 20	0 33	20 14	0 13	18 7	1 41	14 52	11 45	10 15	9 43	27 56	9 26	6 43
S 17	20 46	27 58	4 42	18 8	1 46	20 43	2 0	13 39	1 30	21 58	0 42	16 18	0 34	20 14	0 13	18 7	1 41	14 53	11 46	10 17	9 44	27 56	9 25	6 42
M18	20 35	26 35	3 58	17 38	1 39	20 51	1 58	13 48	1 30	21 57	0 42	16 16	0 34	20 14	0 13	18 7	1 41	14 53	11 46	10 19	9 45	27 56	9 23	6 42
T 19	20 23	23 16	2 57	17 7	1 31	20 59	1 56	13 58	1 30	21 57	0 42	16 14	0 34	20 14	0 13	18 7	1 41	14 54	11 46	10 21	9 46	27 55	9 22	6 42
W20	20 10	18 25	1 45	16 35	1 23	21 6	1 54	14 7	1 30	21 57	0 42	16 12	0 34	20 13	0 13	18 7	1 41	14 55	11 47	10 22	9 47	27 55	9 21	6 42
T 21	19 58	12 33	0 27	16 3	1 13	21 13	1 52	14 17	1 30	21 57	0 41	16 10	0 34	20 13	0 13	18 7	1 41	14 55	11 47	10 22	9 48	27 54	9 20	6 42
F 22	19 45	6 12	0n50	15 32	1 3	21 19	1 49	14 26	1 30	21 57	0 41	16 8	0 34	20 13	0 13	18 6	1 41	14 56	11 47	10 22	9 49	27 54	9 18	6 42
S 23	19 31	0n15	2 2	15 1	0 52	21 24	1 47	14 35	1 30	21 57	0 41	16 6	0 34	20 13	0 13	18 6	1 41	14 57	11 48	10 22	9 51	27 54	9 17	6 41
S 24	19 17	6 28	3 6	14 30	0 39	21 29	1 45	14 44	1 30	21 57	0 41	16 3	0 34	20 13	0 13	18 6	1 40	14 57	11 48	10 21	9 52	27 53	9 16	6 41
M25	19 3	12 13	3 57	14 0	0 26	21 33	1 42	14 53	1 30	21 56	0 41	16 1	0 34	20 13	0 13	18 6	1 40	14 58	11 48	10 21	9 53	27 53	9 15	6 41
T 26	18 48	17 18	4 36	13 32	0 11	21 37	1 40	15 2	1 30	21 56	0 40	15 59	0 34	20 13	0 13	18 6	1 40	14 59	11 49	10 21	9 54	27 52	9 13	6 41
W27	18 33	21 35	5 1	13 5	0n 4	21 40	1 37	15 11	1 30	21 56	0 40	15 57	0 34	20 12	0 13	18 6	1 40	14 59	11 49	10 21	9 55	27 52	9 12	6 41
T 28	18 18	24 52	5 13	12 41	0 21	21 42	1 35	15 19	1 30	21 56	0 40	15 55	0 34	20 12	0 13	18 6	1 40	15 0	11 49	10 21	9 56	27 51	9 11	6 41
F 29	18 2	27 3	5 11	12 19	0 38	21 44	1 32	15 28	1 30	21 56	0 40	15 53	0 34	20 12	0 13	18 6	1 40	15 1	11 50	10 22	9 58	27 51	9 9	6 41
S 30	17 47	28 0	4 55	12 0	0 55	21 46	1 29	15 36	1 30	21 56	0 39	15 51	0 34	20 12	0 13	18 6	1 40	15 1	11 50	10 24	9 59	27 50	9 8	6 41
S 31	17s30	27n40	4n27	11s45	1n14	21s46	1n26	15s45	1n30	21n56	0s39	15s49	0s34	20n12	0s13	18n 6	1s40	15n 2	11n50	10s25	10s 0	27n50	9s 7	6n41

Julian Day Number = 2889470.5, Delta T = 01h18m34s
Ecliptic obliquity = 23°17'11, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°31'57, Lahiri = 40°38'57

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ASTRODIENST EPHEMERIS for the year 3199
geocentric

FEBRUARY 3199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 44 54	11♒28'50	16♋25	25°R20	5♑47	18♏51	16°R16	18♒21	1°R56	28°R38	19°R24	2°R43	3♓54	1♋51	17♒37	M 1
T 2	8 48 51	12°29'53	28°24	24♒52	7° 0	19°21	16♊14	18°28	1♊55	28♉38	19♍23	2♓39	3°51	1°58	17°42	T 2
W 3	8 52 47	13°30'56	10♌29	24°12	8°13	19°51	16°13	18°35	1°55	28°38	19°22	2°37	3°48	2° 4	17°47	W 3
T 4	8 56 44	14°31'58	22°43	23°21	9°27	20°20	16°11	18°42	1°55	28°38	19°21	2°36	3°44	2°11	17°52	T 4
F 5	9 0 40	15°33'00	5♍ 7	22°21	10°40	20°49	16°10	18°49	1°54	28°38	19°20	2°D35	3°41	2°18	17°57	F 5
S 6	9 4 37	16°34'02	17°41	21°13	11°54	21°19	16°10	18°56	1°54	28°38	19°19	2°36	3°38	2°25	18° 2	S 6
S 7	9 8 34	17°35'03	0♎28	20° 0	13° 7	21°48	16° 9	19° 4	1°54	28°38	19°17	2°37	3°35	2°31	18° 7	S 7
M 8	9 12 30	18°36'04	13°29	18°43	14°21	22°16	16° 8	19°11	1°54	28°D38	19°16	2°38	3°32	2°38	18°12	M 8
T 9	9 16 27	19°37'05	26°44	17°25	15°34	22°45	16° 8	19°18	1°D54	28°38	19°15	2°39	3°29	2°45	18°17	T 9
W10	9 20 23	20°38'05	10♏16	16° 8	16°48	23°13	16°D 8	19°25	1°54	28°38	19°14	2°40	3°25	2°51	18°22	W10
T 11	9 24 20	21°39'05	24° 6	14°55	18° 2	23°42	16° 8	19°32	1°54	28°38	19°12	2°R40	3°22	2°58	18°27	T 11
F 12	9 28 16	22°40'05	8♐12	13°48	19°15	24°10	16° 9	19°39	1°54	28°38	19°11	2°40	3°19	3° 5	18°32	F 12
S 13	9 32 13	23°41'05	22°35	12°47	20°29	24°38	16° 9	19°46	1°54	28°38	19°10	2°39	3°16	3°11	18°37	S 13
S 14	9 36 9	24°42'04	7♑10	11°54	21°43	25° 5	16°10	19°54	1°55	28°38	19° 8	2°38	3°13	3°18	18°42	S 14
M15	9 40 6	25°43'02	21°53	11°10	22°57	25°33	16°11	20° 1	1°55	28°39	19° 7	2°37	3°10	3°25	18°47	M15
T 16	9 44 3	26°44'00	6♒37	10°34	24°10	26° 0	16°12	20° 8	1°55	28°39	19° 6	2°37	3° 6	3°32	18°52	T 16
W17	9 47 59	27°44'57	21°16	10° 8	25°24	26°27	16°14	20°15	1°56	28°39	19° 4	2°36	3° 3	3°38	18°57	W17
T 18	9 51 56	28°45'54	5♓43	9°50	26°38	26°54	16°15	20°22	1°56	28°39	19° 3	2°D36	3° 0	3°45	19° 2	T 18
F 19	9 55 52	29°46'49	19°52	9°41	27°52	27°21	16°17	20°29	1°57	28°40	19° 1	2°36	2°57	3°52	19° 7	F 19
S 20	9 59 49	0♓47'43	3♈38	9°D40	29° 6	27°47	16°19	20°36	1°57	28°40	19° 0	2°37	2°54	3°58	19°12	S 20
S 21	10 3 45	1°48'37	17° 1	9°46	0♒20	28°14	16°22	20°43	1°58	28°41	18°59	2°37	2°50	4° 5	19°17	S 21
M22	10 7 42	2°49'29	0♉ 1	9°59	1°34	28°40	16°24	20°50	1°58	28°41	18°57	2°R37	2°47	4°12	19°22	M22
T 23	10 11 38	3°50'19	12°39	10°19	2°48	29° 5	16°27	20°57	1°59	28°42	18°56	2°37	2°44	4°18	19°26	T 23
W24	10 15 35	4°51'09	24°58	10°45	4° 2	29°31	16°29	21° 4	2° 0	28°42	18°54	2°37	2°41	4°25	19°31	W24
T 25	10 19 32	5°51'57	7♊ 4	11°16	5°16	29°56	16°32	21°11	2° 1	28°43	18°53	2°D37	2°38	4°32	19°36	T 25
F 26	10 23 28	6°52'44	19° 0	11°52	6°30	0♐21	16°36	21°18	2° 2	28°43	18°51	2°37	2°35	4°39	19°41	F 26
S 27	10 27 25	7°53'30	0♋51	12°33	7°44	0°46	16°39	21°25	2° 2	28°44	18°50	2°37	2°31	4°45	19°46	S 27
S 28	10 31 21	8♓54'14	12♋43	13♒18	8♒58	1♐11	16♊43	21♒32	2♊ 3	28♉45	18♍48	2♓38	2♓28	4♋52	19♒51	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s14	26n 3	3n47	11s33	1n32	21s46	1n24	15s53	1n30	21n56	0s39	15s47	0s34	20n12	0s13	18n 6	1s40	15n 3	11n51	10s27	10s 1	27n49	9s 5	6n40
T 2	16 57	23 15	2 57	11 25	1 51	21 45	1 21	16 1	1 30	21 56	0 39	15 45	0 34	20 12	0 13	18 6	1 40	15 4	11 51	10 28	10 2	27 49	9 4	6 40
W 3	16 40	19 24	1 59	11 21	2 8	21 44	1 18	16 9	1 30	21 56	0 38	15 42	0 35	20 12	0 13	18 6	1 40	15 4	11 51	10 29	10 3	27 48	9 2	6 40
T 4	16 22	14 42	0 54	11 21	2 25	21 42	1 15	16 17	1 30	21 57	0 38	15 40	0 35	20 12	0 13	18 6	1 40	15 5	11 51	10 29	10 4	27 48	9 1	6 40
F 5	16 4	9 22	0s14	11 26	2 41	21 40	1 12	16 24	1 30	21 57	0 38	15 38	0 35	20 12	0 13	18 6	1 40	15 6	11 52	10 29	10 6	27 47	9 0	6 40
S 6	15 46	3 34	1 23	11 34	2 55	21 36	1 9	16 32	1 29	21 57	0 38	15 36	0 35	20 12	0 13	18 6	1 40	15 6	11 52	10 29	10 7	27 47	8 58	6 40
S 7	15 28	2s27	2 28	11 45	3 7	21 33	1 6	16 40	1 29	21 57	0 37	15 34	0 35	20 12	0 13	18 6	1 40	15 7	11 52	10 29	10 8	27 46	8 57	6 40
M 8	15 9	8 28	3 27	12 0	3 17	21 28	1 3	16 47	1 29	21 57	0 37	15 32	0 35	20 12	0 13	18 6	1 40	15 8	11 53	10 28	10 9	27 45	8 55	6 40
T 9	14 50	14 14	4 17	12 16	3 24	21 23	1 0	16 54	1 29	21 57	0 37	15 30	0 35	20 12	0 13	18 6	1 40	15 9	11 53	10 28	10 10	27 45	8 54	6 40
W10	14 31	19 26	4 53	12 34	3 29	21 17	0 57	17 1	1 29	21 58	0 37	15 27	0 35	20 12	0 13	18 7	1 39	15 9	11 53	10 27	10 11	27 44	8 52	6 40
T 11	14 12	23 44	5 13	12 53	3 31	21 11	0 54	17 9	1 29	21 58	0 37	15 25	0 35	20 12	0 13	18 7	1 39	15 10	11 53	10 27	10 12	27 44	8 51	6 40
F 12	13 52	26 43	5 15	13 13	3 31	21 4	0 51	17 16	1 29	21 58	0 36	15 23	0 35	20 12	0 13	18 7	1 39	15 11	11 54	10 28	10 14	27 43	8 49	6 40
S 13	13 32	28 2	4 58	13 32	3 28	20 56	0 48	17 22	1 29	21 58	0 36	15 21	0 35	20 12	0 13	18 7	1 39	15 12	11 54	10 28	10 15	27 43	8 48	6 40
S 14	13 12	27 27	4 21	13 51	3 24	20 48	0 45	17 29	1 28	21 59	0 36	15 19	0 35	20 12	0 13	18 7	1 39	15 12	11 54	10 28	10 16	27 42	8 46	6 40
M15	12 52	24 56	3 27	14 9	3 18	20 39	0 42	17 36	1 28	21 59	0 36	15 17	0 35	20 12	0 13	18 7	1 39	15 13	11 54	10 28	10 17	27 41	8 45	6 40
T 16	12 31	20 45	2 19	14 26	3 10	20 30	0 39	17 42	1 28	21 59	0 35	15 14	0 35	20 12	0 13	18 7	1 39	15 14	11 54	10 29	10 18	27 41	8 43	6 40
W17	12 11	15 18	1 2	14 41	3 1	20 20	0 36	17 49	1 28	22 0	0 35	15 12	0 35	20 12	0 13	18 7	1 39	15 15	11 55	10 29	10 19	27 40	8 42	6 40
T 18	11 50	9 5	0n17	14 55	2 51	20 9	0 33	17 55	1 28	22 0	0 35	15 10	0 36	20 12	0 13	18 7	1 39	15 15	11 55	10 29	10 20	27 39	8 40	6 40
F 19	11 29	2 33	1 34	15 8	2 41	19 58	0 30	18 1	1 28	22 1	0 35	15 8	0 36	20 13	0 13	18 7	1 39	15 16	11 55	10 29	10 22	27 39	8 39	6 40
S 20	11 7	3n57	2 44	15 19	2 30	19 46	0 27	18 7	1 27	22 1	0 35	15 6	0 36	20 13	0 13	18 8	1 39	15 17	11 55	10 29	10 23	27 38	8 37	6 40
S 21	10 46	10 4	3 42	15 28	2 18	19 34	0 24	18 13	1 27	22 1	0 34	15 4	0 36	20 13	0 13	18 8	1 39	15 18	11 55	10 29	10 24	27 37	8 36	6 40
M22	10 24	15 35	4 28	15 36	2 6	19 21	0 21	18 19	1 27	22 2	0 34	15 1	0 36	20 13	0 13	18 8	1 39	15 18	11 56	10 29	10 25	27 37	8 34	6 40
T 23	10 2	20 16	4 58	15 42	1 54	19 7	0 18	18 25	1 27	22 2	0 34	14 59	0 36	20 13	0 13	18 8	1 39	15 19	11 56	10 29	10 26	27 36	8 33	6 40
W24	9 40	23 58	5 14	15 47	1 43	18 53	0 15	18 31	1 26	22 3	0 34	14 57	0 36	20 13	0 13	18 8	1 39	15 20	11 56	10 29	10 27	27 35	8 31	6 40
T 25	9 18	26 33	5 16	15 50	1 31	18 39	0 12	18 36	1 26	22 3	0 33	14 55	0 36	20 13	0 13	18 8	1 39	15 20	11 56	10 29	10 28	27 35	8 30	6 40
F 26	8 56	27 53	5 4	15 51	1 19	18 24	0 9	18 42	1 26	22 4	0 33	14 53	0 36	20 14	0 13	18 9	1 39	15 21	11 56	10 29	10 29	27 34	8 28	6 41
S 27	8 33	27 57	4 40	15 51	1 7	18 8	0 5	18 47	1 26	22 4	0 33	14 51	0 36	20 14	0 13	18 9	1 38	15 22	11 56	10 29	10 31	27 33	8 27	6 41
S 28	8s11	26n43	4n 3	15s50	0n56	17s52	0n 3	18s52	1n25	22n 5	0s33	14s49	0s36	20n14	0s13	18n 9	1s38	15n23	11n57	10s28	10s32	27n33	8s25	6n41

Julian Day Number = 2889501.5, Delta T = 01h18m35s
Ecliptic obliquity = 23°17'11, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°32'01, Lahiri = 40°39'01

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ASTRODIENST EPHEMERIS for the year 3199
geocentric

MARCH 3199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 35 18	9♓54'57	24♋38	14♒ 7	10♒12	1♐35	16♊46	21♒39	2♊ 4	28♉45	18°R47	2♓38	2♓25	4♋59	19♒55	M 1
T 2	10 39 14	10°55'38	6♌41	15° 0	11°26	1°59	16°50	21°46	2° 6	28°46	18♍45	2°39	2°22	5° 5	20° 0	T 2
W 3	10 43 11	11°56'18	18°55	15°55	12°40	2°23	16°54	21°53	2° 7	28°47	18°44	2°40	2°19	5°12	20° 5	W 3
T 4	10 47 7	12°56'56	1♍21	16°54	13°54	2°46	16°59	22° 0	2° 8	28°48	18°42	2°R40	2°15	5°19	20° 9	T 4
F 5	10 51 4	13°57'33	14° 2	17°55	15° 8	3° 9	17° 3	22° 7	2° 9	28°49	18°41	2°40	2°12	5°25	20°14	F 5
S 6	10 55 1	14°58'09	26°58	18°59	16°22	3°32	17° 8	22°13	2°10	28°49	18°39	2°39	2° 9	5°32	20°19	S 6
S 7	10 58 57	15°58'43	10♎ 9	20° 5	17°36	3°54	17°13	22°20	2°12	28°50	18°38	2°38	2° 6	5°39	20°23	S 7
M 8	11 2 54	16°59'16	23°33	21°13	18°50	4°17	17°18	22°27	2°13	28°51	18°36	2°36	2° 3	5°46	20°28	M 8
T 9	11 6 50	17°59'48	7♏10	22°24	20° 5	4°39	17°23	22°33	2°14	28°52	18°35	2°34	2° 0	5°52	20°33	T 9
W10	11 10 47	19° 0'19	20°58	23°36	21°19	5° 0	17°29	22°40	2°16	28°53	18°33	2°32	1°56	5°59	20°37	W10
T 11	11 14 43	20° 0'48	4♐55	24°50	22°33	5°22	17°34	22°47	2°17	28°54	18°32	2°30	1°53	6° 6	20°42	T 11
F 12	11 18 40	21° 1'17	19° 0	26° 6	23°47	5°43	17°40	22°53	2°19	28°55	18°30	2°D30	1°50	6°12	20°46	F 12
S 13	11 22 36	22° 1'44	3♑11	27°23	25° 1	6° 3	17°46	23° 0	2°20	28°56	18°29	2°30	1°47	6°19	20°51	S 13
S 14	11 26 33	23° 2'10	17°25	28°42	26°16	6°23	17°52	23° 7	2°22	28°58	18°27	2°31	1°44	6°26	20°55	S 14
M15	11 30 30	24° 2'35	1♒42	0♓ 2	27°30	6°43	17°58	23°13	2°24	28°59	18°26	2°32	1°41	6°32	20°59	M15
T 16	11 34 26	25° 2'58	15°57	1°24	28°44	7° 3	18° 4	23°19	2°26	29° 0	18°24	2°34	1°37	6°39	21° 4	T 16
W17	11 38 23	26° 3'20	0♓ 7	2°47	29°58	7°22	18°11	23°26	2°27	29° 1	18°23	2°R34	1°34	6°46	21° 8	W17
T 18	11 42 19	27° 3'41	14° 9	4°11	1♓13	7°41	18°18	23°32	2°29	29° 2	18°21	2°34	1°31	6°53	21°12	T 18
F 19	11 46 16	28° 4'00	27°59	5°37	2°27	7°59	18°25	23°39	2°31	29° 4	18°20	2°32	1°28	6°59	21°17	F 19
S 20	11 50 12	29° 4'17	11♈33	7° 3	3°41	8°17	18°32	23°45	2°33	29° 5	18°18	2°29	1°25	7° 6	21°21	S 20
S 21	11 54 9	0♈ 4'32	24°49	8°31	4°55	8°34	18°39	23°51	2°35	29° 6	18°17	2°25	1°21	7°13	21°25	S 21
M22	11 58 5	1° 4'46	7♉46	10° 0	6°10	8°51	18°46	23°57	2°37	29° 8	18°15	2°20	1°18	7°19	21°29	M22
T 23	12 2 2	2° 4'58	20°25	11°30	7°24	9° 8	18°54	24° 3	2°39	29° 9	18°14	2°15	1°15	7°26	21°33	T 23
W24	12 5 58	3° 5'08	2♊46	13° 2	8°38	9°24	19° 1	24°10	2°41	29°10	18°12	2°11	1°12	7°33	21°37	W24
T 25	12 9 55	4° 5'16	14°54	14°34	9°52	9°40	19° 9	24°16	2°43	29°12	18°11	2° 8	1° 9	7°39	21°41	T 25
F 26	12 13 52	5° 5'22	26°51	16° 8	11° 7	9°55	19°17	24°22	2°45	29°13	18° 9	2° 6	1° 6	7°46	21°45	F 26
S 27	12 17 48	6° 5'26	8♋43	17°43	12°21	10°10	19°25	24°28	2°48	29°15	18° 8	2°D 6	1° 2	7°53	21°49	S 27
S 28	12 21 45	7° 5'28	20°34	19°19	13°35	10°24	19°33	24°33	2°50	29°16	18° 6	2° 7	0°59	8° 0	21°53	S 28
M29	12 25 41	8° 5'27	2♌29	20°56	14°49	10°38	19°42	24°39	2°52	29°18	18° 5	2° 8	0°56	8° 6	21°57	M29
T 30	12 29 38	9° 5'25	14°34	22°34	16° 4	10°51	19°50	24°45	2°54	29°20	18° 4	2°10	0°53	8°13	22° 1	T 30
W31	12 33 34	10♈ 5'21	26♌53	24♓13	17♓18	11♐ 4	19♊59	24♒51	2♊57	29♉21	18♍ 2	2°R11	0♓50	8♋20	22♒ 4	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s48	24n16	3n16	15s46	0n45	17s35	0s 0	18s57	1n25	22n 6	0s33	14s46	0s36	20n14	0s13	18n 9	1s38	15n23	11n57	10s28	10s33	27n32	8s23	6n41
T 2	7 25	20 44	2 19	15 42	0 34	17 18	0 3	19 2	1 25	22 6	0 32	14 44	0 37	20 15	0 13	18 9	1 38	15 24	11 57	10 28	10 34	27 31	8 22	6 41
W 3	7 2	16 15	1 16	15 36	0 23	17 0	0 6	19 7	1 25	22 7	0 32	14 42	0 37	20 15	0 13	18 10	1 38	15 25	11 57	10 28	10 35	27 30	8 20	6 41
T 4	6 39	11 2	0 7	15 28	0 13	16 42	0 9	19 12	1 24	22 7	0 32	14 40	0 37	20 15	0 13	18 10	1 38	15 25	11 57	10 27	10 36	27 30	8 19	6 41
F 5	6 16	5 17	1s 3	15 19	0 3	16 23	0 12	19 17	1 24	22 8	0 32	14 38	0 37	20 15	0 13	18 10	1 38	15 26	11 57	10 28	10 37	27 29	8 17	6 41
S 6	5 53	0s48	2 11	15 9	0s 7	16 4	0 15	19 22	1 23	22 9	0 31	14 36	0 37	20 16	0 13	18 10	1 38	15 27	11 57	10 28	10 39	27 28	8 16	6 42
S 7	5 30	6 57	3 13	14 57	0 17	15 44	0 18	19 26	1 23	22 9	0 31	14 34	0 37	20 16	0 13	18 11	1 38	15 27	11 57	10 28	10 40	27 27	8 14	6 42
M 8	5 6	12 54	4 6	14 45	0 26	15 24	0 21	19 31	1 23	22 10	0 31	14 32	0 37	20 16	0 12	18 11	1 38	15 28	11 57	10 29	10 41	27 27	8 13	6 42
T 9	4 43	18 19	4 45	14 30	0 35	15 4	0 23	19 35	1 22	22 11	0 31	14 30	0 37	20 16	0 12	18 11	1 38	15 29	11 57	10 30	10 42	27 26	8 11	6 42
W10	4 19	22 51	5 9	14 15	0 43	14 43	0 26	19 39	1 22	22 12	0 31	14 27	0 37	20 17	0 12	18 11	1 38	15 29	11 58	10 30	10 43	27 25	8 9	6 42
T 11	3 56	26 9	5 15	13 58	0 51	14 22	0 29	19 43	1 21	22 12	0 30	14 25	0 37	20 17	0 12	18 12	1 38	15 30	11 58	10 31	10 44	27 24	8 8	6 42
F 12	3 32	27 52	5 3	13 40	0 59	14 0	0 31	19 47	1 21	22 13	0 30	14 23	0 37	20 17	0 12	18 12	1 38	15 31	11 58	10 31	10 45	27 23	8 6	6 43
S 13	3 9	27 46	4 32	13 21	1 6	13 38	0 34	19 51	1 21	22 14	0 30	14 21	0 38	20 18	0 12	18 12	1 38	15 31	11 58	10 31	10 46	27 22	8 5	6 43
S 14	2 45	25 51	3 44	13 0	1 13	13 15	0 36	19 55	1 20	22 14	0 30	14 19	0 38	20 18	0 12	18 13	1 38	15 32	11 58	10 31	10 48	27 22	8 3	6 43
M15	2 21	22 17	2 42	12 38	1 20	12 52	0 39	19 59	1 20	22 15	0 30	14 17	0 38	20 18	0 12	18 13	1 38	15 33	11 58	10 30	10 49	27 21	8 2	6 43
T 16	1 57	17 24	1 30	12 16	1 27	12 29	0 41	20 3	1 19	22 16	0 29	14 15	0 38	20 19	0 12	18 13	1 38	15 33	11 58	10 30	10 50	27 20	8 0	6 43
W17	1 33	11 34	0 14	11 52	1 33	12 6	0 44	20 6	1 19	22 17	0 29	14 13	0 38	20 19	0 12	18 13	1 38	15 34	11 58	10 30	10 51	27 19	7 59	6 44
T 18	1 10	5 13	1n 3	11 26	1 38	11 42	0 46	20 10	1 18	22 18	0 29	14 11	0 38	20 19	0 12	18 14	1 37	15 35	11 58	10 30	10 52	27 18	7 57	6 44
F 19	0 46	1n16	2 15	11 0	1 44	11 17	0 48	20 13	1 17	22 18	0 29	14 9	0 38	20 20	0 12	18 14	1 37	15 35	11 58	10 30	10 53	27 17	7 56	6 44
S 20	0 22	7 34	3 18	10 33	1 48	10 53	0 51	20 17	1 17	22 19	0 29	14 7	0 38	20 20	0 12	18 14	1 37	15 36	11 58	10 31	10 54	27 16	7 54	6 44
S 21	0n 2	13 24	4 8	10 4	1 53	10 28	0 53	20 20	1 16	22 20	0 29	14 5	0 38	20 21	0 12	18 15	1 37	15 36	11 58	10 33	10 55	27 16	7 52	6 45
M22	0 26	18 30	4 45	9 35	1 57	10 3	0 55	20 23	1 16	22 21	0 28	14 3	0 38	20 21	0 12	18 15	1 37	15 37	11 58	10 35	10 57	27 15	7 51	6 45
T 23	0 49	22 39	5 6	9 4	2 1	9 37	0 57	20 27	1 15	22 22	0 28	14 1	0 39	20 21	0 12	18 15	1 37	15 37	11 58	10 36	10 58	27 14	7 49	6 45
W24	1 13	25 41	5 12	8 32	2 4	9 12	0 59	20 30	1 14	22 22	0 28	14 0	0 39	20 22	0 12	18 16	1 37	15 38	11 58	10 38	10 59	27 13	7 48	6 45
T 25	1 37	27 29	5 5	8 0	2 7	8 46	1 1	20 33	1 14	22 23	0 28	13 58	0 39	20 22	0 12	18 16	1 37	15 39	11 58	10 39	11 0	27 12	7 46	6 46
F 26	2 1	27 59	4 44	7 26	2 10	8 20	1 3	20 36	1 13	22 24	0 28	13 56	0 39	20 23	0 12	18 17	1 37	15 39	11 58	10 40	11 1	27 11	7 45	6 46
S 27	2 24	27 11	4 11	6 51	2 12	7 53	1 5	20 38	1 12	22 25	0 27	13 54	0 39	20 23	0 12	18 17	1 37	15 40	11 58	10 40	11 2	27 10	7 43	6 46
S 28	2 48	25 9	3 28	6 16	2 14	7 27	1 7	20 41	1 11	22 26	0 27	13 52	0 39	20 24	0 12	18 17	1 37	15 40	11 58	10 39	11 3	27 9	7 42	6 46
M29	3 11	21 59	2 35	5 39	2 15	7 0	1 9	20 44	1 11	22 26	0 27	13 50	0 39	20 24	0 12	18 18	1 37	15 41	11 58	10 39	11 4	27 8	7 40	6 47
T 30	3 35	17 52	1 35	5 1	2 16	6 33	1 10	20 47	1 10	22 27	0 27	13 48	0 39	20 25	0 12	18 18	1 37	15 41	11 58	10 38	11 5	27 7	7 39	6 47
W31	3n58	12n56	0n29	4s23	2s17	6s 5	1s12	20s49	1n 9	22n28	0s27	13s47	0s39	20n25	0s12	18n18	1s37	15n42	11n58	10s38	11s 7	27n 6	7s38	6n47

Julian Day Number = 2889529.5, Delta T = 01h18m35s
Ecliptic obliquity = 23°17'12, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°32'05, Lahiri = 40°39'05

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ASTRODIENST EPHEMERIS for the year 3199
geocentric

APRIL 3199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 37 31	11♈ 5'14	9♍28	25♓53	18♓32	11♐17	20♊ 7	24♒57	2♊59	29♉23	18°R 1	2°R11	0♓47	8♋26	22♒ 8	T 1
F 2	12 41 27	12° 5'06	22°23	27°35	19°46	11°28	20°16	25° 2	3° 2	29°24	18♍ 0	2♓ 9	0°43	8°33	22°12	F 2
S 3	12 45 24	13° 4'55	5♎39	29°18	21° 1	11°40	20°25	25° 8	3° 4	29°26	17°58	2° 5	0°40	8°40	22°15	S 3
S 4	12 49 21	14° 4'43	19°14	1♈ 2	22°15	11°50	20°34	25°13	3° 7	29°28	17°57	2° 0	0°37	8°46	22°19	S 4
M 5	12 53 17	15° 4'29	3♏ 6	2°47	23°29	12° 0	20°44	25°19	3° 9	29°30	17°56	1°53	0°34	8°53	22°22	M 5
T 6	12 57 14	16° 4'13	17°12	4°33	24°43	12°10	20°53	25°24	3°12	29°31	17°54	1°46	0°31	9° 0	22°26	T 6
W 7	13 1 10	17° 3'55	1♐25	6°21	25°58	12°19	21° 3	25°29	3°14	29°33	17°53	1°39	0°27	9° 6	22°29	W 7
T 8	13 5 7	18° 3'36	15°43	8°10	27°12	12°27	21°12	25°35	3°17	29°35	17°52	1°33	0°24	9°13	22°33	T 8
F 9	13 9 3	19° 3'15	29°59	10° 0	28°26	12°35	21°22	25°40	3°20	29°37	17°50	1°29	0°21	9°20	22°36	F 9
S 10	13 13 0	20° 2'52	14♑13	11°51	29°40	12°42	21°32	25°45	3°22	29°38	17°49	1°D28	0°18	9°27	22°39	S 10
S 11	13 16 56	21° 2'28	28°20	13°44	0♈55	12°49	21°42	25°50	3°25	29°40	17°48	1°28	0°15	9°33	22°42	S 11
M12	13 20 53	22° 2'02	12♒20	15°37	2° 9	12°54	21°52	25°55	3°28	29°42	17°47	1°29	0°12	9°40	22°45	M12
T 13	13 24 50	23° 1'34	26°12	17°32	3°23	13° 0	22° 2	26° 0	3°31	29°44	17°45	1°R30	0° 8	9°47	22°49	T 13
W14	13 28 46	24° 1'05	9♓56	19°29	4°37	13° 4	22°12	26° 5	3°33	29°46	17°44	1°30	0° 5	9°53	22°52	W14
T 15	13 32 43	25° 0'34	23°31	21°26	5°52	13° 8	22°22	26°10	3°36	29°48	17°43	1°27	0° 2	10° 0	22°55	T 15
F 16	13 36 39	26° 0'00	6♈55	23°25	7° 6	13°11	22°33	26°14	3°39	29°50	17°42	1°23	29♒59	10° 7	22°57	F 16
S 17	13 40 36	26°59'26	20° 8	25°25	8°20	13°13	22°44	26°19	3°42	29°52	17°41	1°15	29°56	10°13	23° 0	S 17
S 18	13 44 32	27°58'49	3♉ 8	27°26	9°34	13°15	22°54	26°24	3°45	29°54	17°40	1° 6	29°52	10°20	23° 3	S 18
M19	13 48 29	28°58'10	15°53	29°27	10°49	13°16	23° 5	26°28	3°48	29°56	17°39	0°56	29°49	10°27	23° 6	M19
T 20	13 52 25	29°57'29	28°24	1♉30	12° 3	13°R16	23°16	26°33	3°51	29°58	17°38	0°45	29°46	10°33	23° 8	T 20
W21	13 56 22	0♉56'46	10♊42	3°33	13°17	13°16	23°27	26°37	3°54	29°59	17°37	0°34	29°43	10°40	23°11	W21
T 22	14 0 19	1°56'01	22°47	5°37	14°31	13°14	23°38	26°41	3°57	0♊ 2	17°36	0°26	29°40	10°47	23°14	T 22
F 23	14 4 15	2°55'14	4♋43	7°41	15°45	13°12	23°49	26°45	4° 0	0° 4	17°35	0°20	29°37	10°53	23°16	F 23
S 24	14 8 12	3°54'25	16°34	9°45	17° 0	13°10	24° 0	26°50	4° 3	0° 6	17°34	0°16	29°33	11° 0	23°19	S 24
S 25	14 12 8	4°53'33	28°24	11°50	18°14	13° 6	24°12	26°54	4° 6	0° 8	17°33	0°14	29°30	11° 7	23°21	S 25
M26	14 16 5	5°52'39	10♌18	13°53	19°28	13° 2	24°23	26°58	4° 9	0°10	17°32	0°D14	29°27	11°14	23°23	M26
T 27	14 20 1	6°51'43	22°22	15°56	20°42	12°57	24°35	27° 1	4°13	0°12	17°31	0°14	29°24	11°20	23°26	T 27
W28	14 23 58	7°50'45	4♍40	17°58	21°56	12°51	24°46	27° 5	4°16	0°14	17°30	0°R14	29°21	11°27	23°28	W28
T 29	14 27 54	8°49'44	17°19	19°59	23°10	12°45	24°58	27° 9	4°19	0°16	17°29	0°13	29°18	11°34	23°30	T 29
F 30	14 31 51	9♉48'41	0♎20	21♉57	24♈24	12♐37	25♊10	27♒13	4♊22	0♊19	17♍28	0♓10	29♒14	11♋40	23♒32	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n22	7n21	0s40	3s43	2s17	5s38	1s13	20s52	1n 8	22n29	0s27	13s45	0s40	20n25	0s12	18n19	1s37	15n42	11n58	10s38	11s 8	27n 5	7s36	6n48
F 2	4 45	1 21	1 48	3 2	2 16	5 11	1 15	20 54	1 7	22 30	0 26	13 43	0 40	20 26	0 12	18 19	1 37	15 43	11 57	10 39	11 9	27 4	7 35	6 48
S 3	5 8	4s51	2 51	2 21	2 15	4 43	1 16	20 57	1 6	22 30	0 26	13 41	0 40	20 26	0 12	18 20	1 37	15 43	11 57	10 40	11 10	27 3	7 33	6 48
S 4	5 31	10 59	3 47	1 39	2 14	4 15	1 18	20 59	1 5	22 31	0 26	13 40	0 40	20 27	0 12	18 20	1 37	15 44	11 57	10 42	11 11	27 2	7 32	6 49
M 5	5 54	16 42	4 30	0 56	2 12	3 47	1 19	21 1	1 4	22 32	0 26	13 38	0 40	20 27	0 12	18 20	1 37	15 44	11 57	10 44	11 12	27 1	7 30	6 49
T 6	6 17	21 38	4 58	0 12	2 10	3 19	1 20	21 4	1 3	22 33	0 26	13 36	0 40	20 28	0 12	18 21	1 37	15 44	11 57	10 47	11 13	27 0	7 29	6 49
W 7	6 40	25 20	5 8	0n33	2 7	2 51	1 22	21 6	1 2	22 34	0 25	13 34	0 40	20 28	0 12	18 21	1 37	15 45	11 57	10 49	11 14	26 59	7 28	6 50
T 8	7 2	27 29	4 59	1 19	2 4	2 22	1 23	21 8	1 1	22 35	0 25	13 33	0 40	20 29	0 12	18 22	1 37	15 45	11 57	10 51	11 16	26 58	7 26	6 50
F 9	7 25	27 48	4 31	2 5	2 1	1 54	1 24	21 10	1 0	22 35	0 25	13 31	0 40	20 29	0 12	18 22	1 36	15 46	11 57	10 53	11 17	26 57	7 25	6 50
S 10	7 47	26 17	3 47	2 52	1 56	1 26	1 25	21 12	0 59	22 36	0 25	13 30	0 41	20 30	0 12	18 22	1 36	15 46	11 57	10 53	11 18	26 56	7 23	6 51
S 11	8 10	23 7	2 49	3 40	1 52	0 57	1 26	21 14	0 58	22 37	0 25	13 28	0 41	20 31	0 12	18 23	1 36	15 46	11 57	10 53	11 19	26 55	7 22	6 51
M12	8 32	18 37	1 41	4 28	1 47	0 28	1 26	21 16	0 57	22 38	0 25	13 26	0 41	20 31	0 12	18 23	1 36	15 47	11 56	10 53	11 20	26 54	7 21	6 51
T 13	8 54	13 9	0 28	5 17	1 41	0n 0	1 27	21 18	0 55	22 38	0 25	13 25	0 41	20 32	0 12	18 24	1 36	15 47	11 56	10 52	11 21	26 53	7 19	6 52
W14	9 16	7 6	0n45	6 7	1 35	0 29	1 28	21 20	0 54	22 39	0 24	13 23	0 41	20 32	0 12	18 24	1 36	15 47	11 56	10 53	11 22	26 52	7 18	6 52
T 15	9 37	0 47	1 55	6 57	1 28	0 57	1 29	21 21	0 53	22 40	0 24	13 22	0 41	20 33	0 12	18 25	1 36	15 48	11 56	10 53	11 23	26 51	7 17	6 53
F 16	9 59	5n27	2 58	7 47	1 21	1 26	1 29	21 23	0 52	22 41	0 24	13 20	0 41	20 33	0 12	18 25	1 36	15 48	11 56	10 55	11 24	26 50	7 16	6 53
S 17	10 20	11 22	3 50	8 38	1 13	1 55	1 30	21 25	0 50	22 41	0 24	13 19	0 41	20 34	0 12	18 25	1 36	15 48	11 56	10 58	11 26	26 49	7 14	6 53
S 18	10 41	16 41	4 29	9 29	1 5	2 23	1 30	21 26	0 49	22 42	0 24	13 18	0 42	20 34	0 12	18 26	1 36	15 49	11 56	11 1	11 27	26 48	7 13	6 54
M19	11 2	21 10	4 54	10 20	0 57	2 52	1 31	21 28	0 47	22 43	0 24	13 16	0 42	20 35	0 12	18 26	1 36	15 49	11 55	11 5	11 28	26 47	7 12	6 54
T 20	11 23	24 37	5 4	11 11	0 48	3 20	1 31	21 29	0 46	22 44	0 23	13 15	0 42	20 36	0 12	18 27	1 36	15 49	11 55	11 8	11 29	26 45	7 11	6 54
W21	11 44	26 51	4 59	12 1	0 38	3 49	1 31	21 31	0 44	22 44	0 23	13 13	0 42	20 36	0 12	18 27	1 36	15 49	11 55	11 12	11 30	26 44	7 9	6 55
T 22	12 4	27 47	4 41	12 52	0 28	4 17	1 31	21 32	0 43	22 45	0 23	13 12	0 42	20 37	0 12	18 28	1 36	15 50	11 55	11 15	11 31	26 43	7 8	6 55
F 23	12 24	27 24	4 12	13 42	0 18	4 45	1 31	21 34	0 41	22 46	0 23	13 11	0 42	20 37	0 12	18 28	1 36	15 50	11 55	11 17	11 32	26 42	7 7	6 56
S 24	12 44	25 45	3 31	14 31	0 8	5 14	1 31	21 35	0 39	22 46	0 23	13 9	0 42	20 38	0 12	18 29	1 36	15 50	11 55	11 19	11 33	26 41	7 6	6 56
S 25	13 4	22 59	2 41	15 20	0n 3	5 42	1 31	21 36	0 38	22 47	0 23	13 8	0 43	20 38	0 12	18 29	1 36	15 50	11 54	11 19	11 34	26 40	7 5	6 57
M26	13 24	19 13	1 44	16 8	0 14	6 10	1 31	21 38	0 36	22 48	0 23	13 7	0 43	20 39	0 12	18 30	1 36	15 50	11 54	11 19	11 35	26 39	7 4	6 57
T 27	13 43	14 38	0 42	16 54	0 25	6 38	1 31	21 39	0 34	22 48	0 22	13 6	0 43	20 40	0 12	18 30	1 36	15 51	11 54	11 19	11 37	26 37	7 2	6 57
W28	14 2	9 22	0s24	17 39	0 36	7 5	1 31	21 40	0 32	22 49	0 22	13 5	0 43	20 40	0 12	18 30	1 36	15 51	11 54	11 19	11 38	26 36	7 1	6 58
T 29	14 21	3 36	1 30	18 23	0 47	7 33	1 30	21 41	0 30	22 49	0 22	13 3	0 43	20 41	0 12	18 31	1 36	15 51	11 54	11 19	11 39	26 35	7 0	6 58
F 30	14n40	2s28	2s33	19n 5	0n58	8n 0	1s30	21s42	0n28	22n50	0s22	13s 2	0s43	20n41	0s12	18n31	1s36	15n51	11n53	11s21	11s40	26n34	6s59	6n59

Julian Day Number = 2889560.5, Delta T = 01h18m36s
Ecliptic obliquity = 23°17'12, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°32'09, Lahiri = 40°39'09

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ASTRODIENST EPHEMERIS for the year 3199
geocentric

MAY 3199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 48	10♉47'36	13♎47	23♉54	25♈38	12°R29	25♊21	27♒16	4♊25	0♊21	17°R28	0°R 4	29♒11	11♋47	23♒34	S 1
S 2	14 39 44	11°46'29	27°40	25°48	26°53	12♐20	25°33	27°20	4°29	0°23	17♍27	29♒55	29° 8	11°54	23°36	S 2
M 3	14 43 41	12°45'20	11♏55	27°39	28° 7	12°11	25°45	27°23	4°32	0°25	17°26	29°45	29° 5	12° 0	23°38	M 3
T 4	14 47 37	13°44'09	26°26	29°27	29°21	12° 1	25°57	27°26	4°35	0°27	17°25	29°34	29° 2	12° 7	23°39	T 4
W 5	14 51 34	14°42'57	11♐ 8	1♊12	0♉35	11°49	26° 9	27°30	4°38	0°29	17°25	29°23	28°58	12°14	23°41	W 5
T 6	14 55 30	15°41'42	25°52	2°53	1°49	11°38	26°21	27°33	4°42	0°32	17°24	29°14	28°55	12°20	23°43	T 6
F 7	14 59 27	16°40'26	10♑30	4°30	3° 3	11°25	26°34	27°36	4°45	0°34	17°23	29° 8	28°52	12°27	23°44	F 7
S 8	15 3 23	17°39'08	24°58	6° 3	4°17	11°12	26°46	27°39	4°48	0°36	17°23	29° 4	28°49	12°34	23°46	S 8
S 9	15 7 20	18°37'49	9♒11	7°32	5°31	10°58	26°58	27°42	4°52	0°38	17°22	29° 2	28°46	12°40	23°47	S 9
M10	15 11 17	19°36'28	23° 8	8°55	6°45	10°43	27°11	27°44	4°55	0°40	17°22	29° 2	28°43	12°47	23°49	M10
T 11	15 15 13	20°35'05	6♓50	10°15	7°59	10°28	27°23	27°47	4°59	0°43	17°21	29° 2	28°39	12°54	23°50	T 11
W12	15 19 10	21°33'41	20°17	11°29	9°13	10°12	27°36	27°50	5° 2	0°45	17°20	29° 1	28°36	13° 1	23°51	W12
T 13	15 23 6	22°32'15	3♈31	12°38	10°27	9°55	27°49	27°52	5° 5	0°47	17°20	28°57	28°33	13° 7	23°53	T 13
F 14	15 27 3	23°30'47	16°34	13°43	11°41	9°38	28° 1	27°55	5° 9	0°49	17°20	28°51	28°30	13°14	23°54	F 14
S 15	15 30 59	24°29'18	29°25	14°42	12°55	9°20	28°14	27°57	5°12	0°52	17°19	28°42	28°27	13°21	23°55	S 15
S 16	15 34 56	25°27'47	12♉ 5	15°36	14° 9	9° 2	28°27	27°59	5°16	0°54	17°19	28°30	28°24	13°27	23°56	S 16
M17	15 38 52	26°26'15	24°35	16°25	15°23	8°43	28°40	28° 1	5°19	0°56	17°18	28°16	28°20	13°34	23°57	M17
T 18	15 42 49	27°24'41	6♊54	17° 8	16°37	8°24	28°52	28° 3	5°22	0°58	17°18	28° 2	28°17	13°41	23°57	T 18
W19	15 46 46	28°23'05	19° 3	17°46	17°51	8° 4	29° 5	28° 5	5°26	1° 1	17°18	27°49	28°14	13°47	23°58	W19
T 20	15 50 42	29°21'27	1♋ 2	18°19	19° 5	7°44	29°18	28° 7	5°29	1° 3	17°17	27°38	28°11	13°54	23°59	T 20
F 21	15 54 39	0♊19'47	12°55	18°46	20°19	7°23	29°31	28° 9	5°33	1° 5	17°17	27°29	28° 8	14° 1	24° 0	F 21
S 22	15 58 35	1°18'05	24°44	19° 7	21°33	7° 2	29°45	28°11	5°36	1° 7	17°17	27°23	28° 4	14° 7	24° 0	S 22
S 23	16 2 32	2°16'22	6♌32	19°23	22°47	6°41	29°58	28°12	5°40	1°10	17°17	27°19	28° 1	14°14	24° 1	S 23
M24	16 6 28	3°14'36	18°25	19°34	24° 1	6°19	0♋11	28°14	5°43	1°12	17°17	27°18	27°58	14°21	24° 1	M24
T 25	16 10 25	4°12'48	0♍27	19°39	25°15	5°57	0°24	28°15	5°47	1°14	17°16	27°18	27°55	14°27	24° 1	T 25
W26	16 14 21	5°10'59	12°43	19°R40	26°29	5°36	0°37	28°16	5°50	1°17	17°16	27°18	27°52	14°34	24° 2	W26
T 27	16 18 18	6° 9'07	25°19	19°35	27°43	5°14	0°51	28°17	5°54	1°19	17°16	27°17	27°49	14°41	24° 2	T 27
F 28	16 22 15	7° 7'14	8♎20	19°25	28°57	4°52	1° 4	28°19	5°57	1°21	17°16	27°14	27°45	14°47	24° 2	F 28
S 29	16 26 11	8° 5'19	21°49	19°11	0♊10	4°29	1°17	28°20	6° 1	1°23	17°D16	27° 8	27°42	14°54	24°R 2	S 29
S 30	16 30 8	9° 3'22	5♏47	18°52	1°24	4° 7	1°31	28°20	6° 4	1°26	17°16	27° 0	27°39	15° 1	24° 2	S 30
M31	16 34 4	10♊ 1'23	20♏12	18♊30	2♊38	3♐45	1♋44	28♒21	6♊ 7	1♊28	17♍16	26♒50	27♒36	15♋ 8	24♒ 2	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n58	8s37	3s29	19n45	1n 9	8n27	1s30	21s43	0n26	22n50	0s22	13s 1	0s43	20n42	0s12	18n32	1s36	15n51	11n53	11s23	11s41	26n33	6s58	6n59
S 2	15 16	14 33	4 15	20 23	1 20	8 54	1 29	21 44	0 24	22 51	0 22	13 0	0 44	20 43	0 12	18 32	1 36	15 51	11 53	11 26	11 42	26 32	6 57	7 0
M 3	15 34	19 52	4 47	20 58	1 30	9 21	1 29	21 45	0 22	22 52	0 22	12 59	0 44	20 43	0 12	18 33	1 36	15 51	11 53	11 29	11 43	26 30	6 56	7 0
T 4	15 52	24 6	5 1	21 32	1 40	9 48	1 28	21 45	0 20	22 52	0 21	12 58	0 44	20 44	0 12	18 33	1 36	15 51	11 52	11 33	11 44	26 29	6 55	7 0
W 5	16 9	26 50	4 55	22 3	1 49	10 14	1 27	21 46	0 18	22 53	0 21	12 57	0 44	20 44	0 12	18 34	1 36	15 52	11 52	11 37	11 45	26 28	6 54	7 1
T 6	16 26	27 43	4 30	22 32	1 58	10 40	1 26	21 47	0 16	22 53	0 21	12 56	0 44	20 45	0 12	18 34	1 36	15 52	11 52	11 40	11 47	26 27	6 53	7 1
F 7	16 43	26 39	3 47	22 58	2 6	11 6	1 26	21 47	0 13	22 53	0 21	12 55	0 44	20 46	0 12	18 35	1 36	15 52	11 52	11 42	11 48	26 25	6 52	7 2
S 8	16 59	23 47	2 50	23 22	2 13	11 32	1 25	21 48	0 11	22 54	0 21	12 55	0 44	20 46	0 12	18 35	1 36	15 52	11 52	11 44	11 49	26 24	6 51	7 2
S 9	17 15	19 30	1 43	23 43	2 20	11 57	1 24	21 48	0 9	22 54	0 21	12 54	0 45	20 47	0 12	18 36	1 36	15 52	11 51	11 44	11 50	26 23	6 50	7 3
M10	17 31	14 13	0 31	24 2	2 25	12 23	1 23	21 48	0 6	22 55	0 21	12 53	0 45	20 48	0 12	18 36	1 36	15 52	11 51	11 44	11 51	26 22	6 50	7 3
T 11	17 47	8 19	0n41	24 19	2 30	12 47	1 22	21 48	0 4	22 55	0 21	12 52	0 45	20 48	0 11	18 36	1 36	15 52	11 51	11 44	11 52	26 20	6 49	7 4
W12	18 2	2 8	1 50	24 34	2 34	13 12	1 21	21 49	0 2	22 55	0 20	12 51	0 45	20 49	0 11	18 37	1 36	15 52	11 51	11 45	11 53	26 19	6 48	7 4
T 13	18 17	4n 1	2 51	24 46	2 37	13 36	1 19	21 49	0s 1	22 56	0 20	12 51	0 45	20 49	0 11	18 37	1 36	15 52	11 50	11 46	11 54	26 18	6 47	7 5
F 14	18 32	9 54	3 43	24 56	2 39	14 0	1 18	21 48	0 3	22 56	0 20	12 50	0 45	20 50	0 11	18 38	1 36	15 52	11 50	11 48	11 55	26 17	6 46	7 5
S 15	18 46	15 17	4 22	25 4	2 40	14 24	1 17	21 48	0 6	22 56	0 20	12 49	0 45	20 51	0 11	18 38	1 36	15 51	11 50	11 51	11 56	26 15	6 46	7 5
S 16	19 0	19 56	4 48	25 9	2 39	14 47	1 16	21 48	0 8	22 57	0 20	12 49	0 46	20 51	0 11	18 39	1 36	15 51	11 50	11 55	11 57	26 14	6 45	7 6
M17	19 14	23 37	4 59	25 13	2 38	15 10	1 14	21 48	0 11	22 57	0 20	12 48	0 46	20 52	0 11	18 39	1 36	15 51	11 49	12 0	11 59	26 13	6 44	7 6
T 18	19 27	26 11	4 56	25 15	2 36	15 32	1 13	21 47	0 14	22 57	0 20	12 47	0 46	20 52	0 11	18 40	1 36	15 51	11 49	12 5	12 0	26 11	6 43	7 7
W19	19 40	27 29	4 40	25 15	2 32	15 54	1 11	21 47	0 16	22 57	0 20	12 47	0 46	20 53	0 11	18 40	1 36	15 51	11 49	12 9	12 1	26 10	6 43	7 7
T 20	19 53	27 28	4 11	25 13	2 27	16 16	1 10	21 46	0 19	22 58	0 19	12 46	0 46	20 54	0 11	18 41	1 36	15 51	11 48	12 13	12 2	26 9	6 42	7 8
F 21	20 5	26 10	3 32	25 10	2 21	16 37	1 8	21 45	0 22	22 58	0 19	12 46	0 46	20 54	0 11	18 41	1 36	15 51	11 48	12 16	12 3	26 7	6 41	7 8
S 22	20 17	23 43	2 43	25 4	2 14	16 58	1 7	21 45	0 24	22 58	0 19	12 46	0 46	20 55	0 11	18 42	1 36	15 51	11 48	12 18	12 4	26 6	6 41	7 9
S 23	20 29	20 15	1 48	24 57	2 6	17 18	1 5	21 44	0 27	22 58	0 19	12 45	0 47	20 56	0 11	18 42	1 36	15 50	11 48	12 19	12 5	26 5	6 40	7 9
M24	20 40	15 57	0 47	24 49	1 56	17 38	1 3	21 43	0 30	22 58	0 19	12 45	0 47	20 56	0 11	18 42	1 36	15 50	11 47	12 20	12 6	26 3	6 40	7 10
T 25	20 51	10 59	0s17	24 39	1 46	17 58	1 1	21 42	0 32	22 58	0 19	12 44	0 47	20 57	0 11	18 43	1 36	15 50	11 47	12 20	12 7	26 2	6 39	7 10
W26	21 2	5 30	1 21	24 27	1 34	18 17	1 0	21 41	0 35	22 58	0 19	12 44	0 47	20 57	0 11	18 43	1 36	15 50	11 47	12 20	12 8	26 0	6 39	7 11
T 27	21 12	0s20	2 23	24 14	1 21	18 35	0 58	21 39	0 38	22 58	0 19	12 44	0 47	20 58	0 11	18 44	1 36	15 50	11 47	12 20	12 9	25 59	6 38	7 11
F 28	21 22	6 20	3 19	23 59	1 7	18 53	0 56	21 38	0 41	22 58	0 19	12 44	0 47	20 59	0 11	18 44	1 36	15 49	11 46	12 21	12 11	25 58	6 38	7 11
S 29	21 31	12 16	4 7	23 43	0 53	19 11	0 54	21 37	0 43	22 58	0 18	12 43	0 48	20 59	0 11	18 45	1 36	15 49	11 46	12 23	12 12	25 56	6 37	7 12
S 30	21 40	17 47	4 41	23 26	0 37	19 28	0 52	21 35	0 46	22 58	0 18	12 43	0 48	21 0	0 11	18 45	1 36	15 49	11 46	12 26	12 13	25 55	6 37	7 12
M31	21n49	22s29	4s59	23n 8	0n21	19n44	0s50	21s34	0s49	22n58	0s18	12s43	0s48	21n 0	0s11	18n46	1s36	15n49	11n45	12s29	12s14	25n54	6s36	7n13

Julian Day Number = 2889590.5, Delta T = 01h18m37s
Ecliptic obliquity = 23°17'11, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°32'13, Lahiri = 40°39'14

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ASTRODIENST EPHEMERIS for the year 3199
geocentric

JUNE 3199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 1	10♊59'23	4♐59	18°R 4	3♊52	3°R23	1♋58	28♒22	6♊11	1♊30	17♍16	26°R39	27♒33	15♋14	24°R 2	T 1
W 2	16 41 57	11°57'21	20° 1	17♊35	5° 6	3♐ 2	2°11	28°23	6°14	1°32	17°16	26♒29	27°30	15°21	24♒ 2	W 2
T 3	16 45 54	12°55'18	5♑ 6	17° 4	6°20	2°40	2°25	28°23	6°18	1°35	17°17	26°20	27°26	15°28	24° 1	T 3
F 4	16 49 50	13°53'14	20° 6	16°31	7°34	2°19	2°38	28°23	6°21	1°37	17°17	26°14	27°23	15°34	24° 1	F 4
S 5	16 53 47	14°51'08	4♒53	15°57	8°47	1°58	2°52	28°24	6°25	1°39	17°17	26°10	27°20	15°41	24° 0	S 5
S 6	16 57 44	15°49'01	19°21	15°22	10° 1	1°37	3° 6	28°24	6°28	1°41	17°17	26° 8	27°17	15°48	24° 0	S 6
M 7	17 1 40	16°46'52	3♓26	14°47	11°15	1°16	3°19	28°24	6°32	1°43	17°17	26°D 8	27°14	15°54	23°59	M 7
T 8	17 5 37	17°44'43	17°10	14°12	12°29	0°56	3°33	28°R24	6°35	1°46	17°18	26°R 9	27°10	16° 1	23°59	T 8
W 9	17 9 33	18°42'32	0♈33	13°39	13°43	0°37	3°47	28°24	6°38	1°48	17°18	26° 8	27° 7	16° 8	23°58	W 9
T 10	17 13 30	19°40'21	13°38	13° 7	14°57	0°17	4° 0	28°24	6°42	1°50	17°18	26° 6	27° 4	16°14	23°57	T 10
F 11	17 17 26	20°38'08	26°27	12°38	16°10	29♏59	4°14	28°23	6°45	1°52	17°19	26° 1	27° 1	16°21	23°57	F 11
S 12	17 21 23	21°35'55	9♉ 3	12°11	17°24	29°41	4°28	28°23	6°49	1°54	17°19	25°53	26°58	16°28	23°56	S 12
S 13	17 25 19	22°33'40	21°27	11°48	18°38	29°23	4°42	28°23	6°52	1°56	17°20	25°44	26°55	16°34	23°55	S 13
M14	17 29 16	23°31'24	3♊42	11°28	19°52	29° 6	4°55	28°22	6°55	1°59	17°20	25°33	26°51	16°41	23°54	M14
T 15	17 33 13	24°29'07	15°49	11°12	21° 6	28°50	5° 9	28°21	6°59	2° 1	17°21	25°21	26°48	16°48	23°53	T 15
W16	17 37 9	25°26'49	27°48	10°59	22°20	28°34	5°23	28°21	7° 2	2° 3	17°21	25°10	26°45	16°54	23°51	W16
T 17	17 41 6	26°24'30	9♋41	10°51	23°33	28°19	5°37	28°20	7° 5	2° 5	17°22	25° 1	26°42	17° 1	23°50	T 17
F 18	17 45 2	27°22'10	21°31	10°D48	24°47	28° 5	5°51	28°19	7° 9	2° 7	17°22	24°54	26°39	17° 8	23°49	F 18
S 19	17 48 59	28°19'48	3♌19	10°48	26° 1	27°52	6° 5	28°18	7°12	2° 9	17°23	24°49	26°36	17°14	23°48	S 19
S 20	17 52 55	29°17'25	15° 7	10°53	27°15	27°39	6°18	28°17	7°15	2°11	17°23	24°46	26°32	17°21	23°46	S 20
M21	17 56 52	0♋15'01	27° 1	11° 3	28°29	27°27	6°32	28°15	7°19	2°13	17°24	24°D46	26°29	17°28	23°45	M21
T 22	18 0 49	1°12'35	9♍ 3	11°17	29°42	27°16	6°46	28°14	7°22	2°15	17°25	24°47	26°26	17°34	23°43	T 22
W23	18 4 45	2°10'08	21°19	11°36	0♋56	27° 5	7° 0	28°13	7°25	2°17	17°25	24°48	26°23	17°41	23°41	W23
T 24	18 8 42	3° 7'40	3♎53	11°59	2°10	26°56	7°14	28°11	7°28	2°19	17°26	24°R48	26°20	17°48	23°40	T 24
F 25	18 12 38	4° 5'11	16°50	12°26	3°24	26°47	7°28	28° 9	7°31	2°21	17°27	24°47	26°16	17°54	23°38	F 25
S 26	18 16 35	5° 2'40	0♏15	12°57	4°37	26°39	7°42	28° 8	7°35	2°23	17°28	24°45	26°13	18° 1	23°36	S 26
S 27	18 20 31	6° 0'08	14° 8	13°33	5°51	26°32	7°56	28° 6	7°38	2°25	17°29	24°40	26°10	18° 8	23°34	S 27
M28	18 24 28	6°57'36	28°30	14°13	7° 5	26°26	8°10	28° 4	7°41	2°27	17°29	24°34	26° 7	18°14	23°33	M28
T 29	18 28 24	7°55'02	13♐18	14°57	8°19	26°20	8°23	28° 2	7°44	2°29	17°30	24°27	26° 4	18°21	23°31	T 29
W30	18 32 21	8♋52'27	28♐23	15♊44	9♋32	26♏15	8♋37	28♒ 0	7♊47	2♊31	17♍31	24♒20	26♒ 1	18♋28	23♒29	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n57	25s53	4s58	22n49	0n 4	20n 0	0s48	21s32	0s51	22n58	0s18	12s43	0s48	21n 1	0s11	18n46	1s36	15n48	11n45	12s33	12s15	25n52	6s36	7n13
W 2	22 5	27 31	4 37	22 29	0s13	20 16	0 46	21 31	0 54	22 58	0 18	12 43	0 48	21 2	0 11	18 47	1 36	15 48	11 45	12 37	12 16	25 51	6 36	7 14
T 3	22 12	27 7	3 56	22 9	0 31	20 31	0 44	21 29	0 57	22 58	0 18	12 43	0 48	21 2	0 11	18 47	1 36	15 48	11 45	12 40	12 17	25 49	6 35	7 14
F 4	22 19	24 44	2 59	21 48	0 49	20 45	0 42	21 28	0 59	22 58	0 18	12 43	0 48	21 3	0 11	18 47	1 36	15 47	11 44	12 42	12 18	25 48	6 35	7 15
S 5	22 26	20 42	1 50	21 27	1 7	20 59	0 39	21 26	1 2	22 58	0 18	12 43	0 49	21 3	0 11	18 48	1 36	15 47	11 44	12 43	12 19	25 46	6 35	7 15
S 6	22 32	15 30	0 36	21 6	1 24	21 12	0 37	21 24	1 4	22 57	0 18	12 43	0 49	21 4	0 11	18 48	1 36	15 47	11 44	12 43	12 20	25 45	6 34	7 16
M 7	22 38	9 35	0n39	20 45	1 41	21 24	0 35	21 23	1 7	22 57	0 17	12 43	0 49	21 5	0 11	18 49	1 36	15 46	11 44	12 44	12 21	25 43	6 34	7 16
T 8	22 44	3 21	1 49	20 24	1 58	21 36	0 33	21 21	1 9	22 57	0 17	12 43	0 49	21 5	0 11	18 49	1 36	15 46	11 43	12 43	12 22	25 42	6 34	7 16
W 9	22 49	2n51	2 52	20 4	2 14	21 48	0 30	21 19	1 12	22 57	0 17	12 44	0 49	21 6	0 11	18 50	1 36	15 46	11 43	12 44	12 24	25 41	6 34	7 17
T 10	22 53	8 48	3 44	19 45	2 29	21 59	0 28	21 18	1 14	22 56	0 17	12 44	0 49	21 6	0 11	18 50	1 36	15 45	11 43	12 44	12 25	25 39	6 33	7 17
F 11	22 57	14 15	4 24	19 27	2 44	22 9	0 26	21 16	1 17	22 56	0 17	12 44	0 50	21 7	0 11	18 50	1 36	15 45	11 42	12 46	12 26	25 38	6 33	7 18
S 12	23 1	19 0	4 50	19 11	2 57	22 18	0 24	21 14	1 19	22 56	0 17	12 44	0 50	21 7	0 11	18 51	1 36	15 44	11 42	12 49	12 27	25 36	6 33	7 18
S 13	23 5	22 52	5 2	18 56	3 10	22 27	0 21	21 13	1 21	22 55	0 17	12 45	0 50	21 8	0 11	18 51	1 36	15 44	11 42	12 52	12 28	25 35	6 33	7 19
M14	23 8	25 40	5 0	18 42	3 21	22 35	0 19	21 11	1 24	22 55	0 17	12 45	0 50	21 9	0 11	18 52	1 36	15 44	11 42	12 55	12 29	25 33	6 33	7 19
T 15	23 10	27 15	4 44	18 30	3 31	22 43	0 17	21 10	1 26	22 55	0 17	12 45	0 50	21 9	0 11	18 52	1 36	15 43	11 41	12 59	12 30	25 32	6 33	7 19
W16	23 13	27 32	4 16	18 19	3 40	22 50	0 14	21 9	1 28	22 54	0 17	12 46	0 50	21 10	0 11	18 52	1 36	15 43	11 41	13 3	12 31	25 30	6 33	7 20
T 17	23 14	26 32	3 37	18 11	3 47	22 56	0 12	21 7	1 30	22 54	0 16	12 46	0 51	21 10	0 11	18 53	1 36	15 42	11 41	13 6	12 32	25 28	6 33	7 20
F 18	23 16	24 21	2 48	18 4	3 54	23 2	0 9	21 6	1 32	22 53	0 16	12 47	0 51	21 11	0 11	18 53	1 36	15 42	11 40	13 8	12 33	25 27	6 33	7 21
S 19	23 17	21 7	1 52	17 59	3 59	23 7	0 7	21 5	1 34	22 53	0 16	12 47	0 51	21 11	0 11	18 54	1 36	15 41	11 40	13 10	12 34	25 25	6 33	7 21
S 20	23 17	17 1	0 52	17 56	4 3	23 11	0 5	21 4	1 36	22 52	0 16	12 48	0 51	21 12	0 11	18 54	1 36	15 41	11 40	13 11	12 35	25 24	6 33	7 21
M21	23 17	12 14	0s12	17 54	4 6	23 14	0 2	21 3	1 38	22 52	0 16	12 48	0 51	21 12	0 11	18 54	1 36	15 40	11 40	13 11	12 36	25 22	6 33	7 22
T 22	23 17	6 57	1 16	17 54	4 7	23 17	0n 0	21 3	1 40	22 51	0 16	12 49	0 51	21 13	0 11	18 55	1 36	15 40	11 39	13 11	12 38	25 21	6 33	7 22
W23	23 16	1 19	2 18	17 56	4 8	23 19	0 2	21 2	1 42	22 50	0 16	12 50	0 51	21 13	0 11	18 55	1 36	15 39	11 39	13 10	12 39	25 19	6 33	7 23
T 24	23 15	4s31	3 15	17 59	4 8	23 21	0 5	21 1	1 43	22 50	0 16	12 50	0 52	21 14	0 11	18 55	1 36	15 39	11 39	13 10	12 40	25 18	6 34	7 23
F 25	23 13	10 19	4 3	18 4	4 7	23 22	0 7	21 1	1 45	22 49	0 16	12 51	0 52	21 15	0 11	18 56	1 36	15 38	11 39	13 11	12 41	25 16	6 34	7 23
S 26	23 11	15 52	4 41	18 10	4 4	23 22	0 10	21 1	1 47	22 48	0 16	12 52	0 52	21 15	0 11	18 56	1 36	15 38	11 38	13 11	12 42	25 14	6 34	7 24
S 27	23 9	20 48	5 3	18 17	4 1	23 21	0 12	21 1	1 48	22 48	0 15	12 52	0 52	21 16	0 11	18 56	1 36	15 37	11 38	13 13	12 43	25 13	6 34	7 24
M28	23 6	24 41	5 7	18 26	3 57	23 20	0 14	21 1	1 50	22 47	0 15	12 53	0 52	21 16	0 11	18 57	1 36	15 36	11 38	13 15	12 44	25 11	6 35	7 24
T 29	23 3	27 4	4 52	18 36	3 52	23 18	0 17	21 1	1 52	22 46	0 15	12 54	0 52	21 17	0 11	18 57	1 36	15 36	11 38	13 17	12 45	25 10	6 35	7 25
W30	22n59	27s32	4s16	18n46	3s47	23n16	0n19	21s 1	1s53	22n45	0s15	12s55	0s53	21n17	0s11	18n57	1s36	15n35	11n37	13s19	12s46	25n 8	6s35	7n25

Julian Day Number = 2889621.5, Delta T = 01h18m37s
Ecliptic obliquity = 23°17'10, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°32'17, Lahiri = 40°39'18

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ASTRODIENST EPHEMERIS for the year 3199
geocentric

JULY 3199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 36 18	9♋49'52	13♉38	16♊36	10♋46	26°R12	8♋51	27°R58	7♊50	2♊33	17♍32	24°R15	25♒57	18♋35	23°R27	T 1
F 2	18 40 14	10°47'16	28°51	17°31	12° 0	26♏ 9	9° 5	27♒56	7°53	2°35	17°33	24♒11	25°54	18°41	23♒24	F 2
S 3	18 44 11	11°44'39	13♒53	18°30	13°14	26° 6	9°19	27°53	7°56	2°37	17°34	24° 8	25°51	18°48	23°22	S 3
S 4	18 48 7	12°42'01	28°36	19°32	14°27	26° 5	9°33	27°51	7°59	2°39	17°35	24°D 8	25°48	18°55	23°20	S 4
M 5	18 52 4	13°39'23	12♓55	20°38	15°41	26°D 4	9°47	27°48	8° 2	2°40	17°36	24° 9	25°45	19° 1	23°18	M 5
T 6	18 56 0	14°36'44	26°48	21°48	16°55	26° 4	10° 1	27°46	8° 5	2°42	17°37	24°10	25°42	19° 8	23°16	T 6
W 7	18 59 57	15°34'06	10♈16	23° 1	18° 9	26° 5	10°15	27°43	8° 8	2°44	17°38	24°R11	25°38	19°15	23°13	W 7
T 8	19 3 53	16°31'27	23°21	24°17	19°22	26° 7	10°28	27°40	8°11	2°46	17°39	24°11	25°35	19°21	23°11	T 8
F 9	19 7 50	17°28'47	6♉ 5	25°37	20°36	26°10	10°42	27°38	8°14	2°47	17°40	24°10	25°32	19°28	23° 8	F 9
S 10	19 11 47	18°26'08	18°34	27° 0	21°50	26°13	10°56	27°35	8°17	2°49	17°42	24° 7	25°29	19°35	23° 6	S 10
S 11	19 15 43	19°23'28	0♊49	28°26	23° 4	26°17	11°10	27°32	8°20	2°51	17°43	24° 2	25°26	19°41	23° 3	S 11
M12	19 19 40	20°20'48	12°54	29°55	24°18	26°22	11°24	27°29	8°22	2°53	17°44	23°56	25°22	19°48	23° 1	M12
T 13	19 23 36	21°18'08	24°51	1♋28	25°31	26°28	11°38	27°26	8°25	2°54	17°45	23°51	25°19	19°55	22°58	T 13
W14	19 27 33	22°15'27	6♋44	3° 4	26°45	26°34	11°51	27°23	8°28	2°56	17°46	23°45	25°16	20° 1	22°55	W14
T 15	19 31 29	23°12'46	18°33	4°43	27°59	26°41	12° 5	27°19	8°30	2°57	17°48	23°40	25°13	20° 8	22°53	T 15
F 16	19 35 26	24°10'05	0♌22	6°25	29°13	26°49	12°19	27°16	8°33	2°59	17°49	23°37	25°10	20°15	22°50	F 16
S 17	19 39 23	25° 7'24	12°11	8°11	0♌26	26°58	12°33	27°13	8°36	3° 1	17°50	23°35	25° 7	20°21	22°47	S 17
S 18	19 43 19	26° 4'42	24° 4	9°59	1°40	27° 7	12°46	27° 9	8°38	3° 2	17°52	23°D34	25° 3	20°28	22°44	S 18
M19	19 47 16	27° 1'59	6♍ 3	11°50	2°54	27°17	13° 0	27° 6	8°41	3° 4	17°53	23°35	25° 0	20°35	22°41	M19
T 20	19 51 12	27°59'16	18°10	13°43	4° 8	27°27	13°14	27° 2	8°44	3° 5	17°54	23°36	24°57	20°41	22°38	T 20
W21	19 55 9	28°56'33	0♎31	15°40	5°21	27°39	13°27	26°59	8°46	3° 7	17°56	23°38	24°54	20°48	22°35	W21
T 22	19 59 5	29°53'50	13° 7	17°39	6°35	27°51	13°41	26°55	8°48	3° 8	17°57	23°39	24°51	20°55	22°32	T 22
F 23	20 3 2	0♌51'06	26° 4	19°40	7°49	28° 3	13°54	26°51	8°51	3° 9	17°59	23°R40	24°48	21° 1	22°29	F 23
S 24	20 6 58	1°48'21	9♏24	21°43	9° 3	28°17	14° 8	26°47	8°53	3°11	18° 0	23°40	24°44	21° 8	22°26	S 24
S 25	20 10 55	2°45'37	23°10	23°48	10°17	28°31	14°21	26°44	8°56	3°12	18° 2	23°39	24°41	21°15	22°23	S 25
M26	20 14 52	3°42'52	7♐21	25°54	11°30	28°45	14°35	26°40	8°58	3°13	18° 3	23°37	24°38	21°21	22°20	M26
T 27	20 18 48	4°40'07	21°57	28° 2	12°44	29° 0	14°48	26°36	9° 0	3°15	18° 5	23°35	24°35	21°28	22°17	T 27
W28	20 22 45	5°37'22	6♑52	0♌11	13°58	29°16	15° 2	26°32	9° 3	3°16	18° 6	23°33	24°32	21°35	22°14	W28
T 29	20 26 41	6°34'36	22° 0	2°20	15°12	29°32	15°15	26°28	9° 5	3°17	18° 8	23°31	24°28	21°41	22°11	T 29
F 30	20 30 38	7°31'51	7♒11	4°30	16°25	29°49	15°28	26°24	9° 7	3°19	18° 9	23°29	24°25	21°48	22° 8	F 30
S 31	20 34 34	8♌29'06	22♒16	6♌39	17♌39	0♐ 7	15♋42	26♒20	9♊ 9	3♊20	18♍11	23°D29	24♒22	21♋55	22♒ 4	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n55	25s56	3s21	18n57	3s41	23n12	0n21	21s 2	1s55	22n44	0s15	12s56	0s53	21n18	0s11	18n58	1s36	15n35	11n37	13s21	12s47	25n 6	6s36	7n25
F 2	22 51	22 25	2 13	19 10	3 34	23 8	0 24	21 3	1 56	22 44	0 15	12 57	0 53	21 18	0 11	18 58	1 36	15 34	11 37	13 23	12 48	25 5	6 36	7 26
S 3	22 46	17 26	0 55	19 22	3 26	23 4	0 26	21 3	1 57	22 43	0 15	12 58	0 53	21 19	0 11	18 58	1 36	15 34	11 37	13 23	12 49	25 3	6 36	7 26
S 4	22 41	11 30	0n24	19 35	3 18	22 59	0 28	21 4	1 59	22 42	0 15	12 59	0 53	21 19	0 11	18 59	1 36	15 33	11 36	13 23	12 50	25 2	6 37	7 26
M 5	22 35	5 8	1 40	19 49	3 9	22 53	0 30	21 5	2 0	22 41	0 15	13 0	0 53	21 20	0 11	18 59	1 36	15 32	11 36	13 23	12 51	25 0	6 37	7 27
T 6	22 29	1n18	2 48	20 2	3 0	22 46	0 33	21 7	2 1	22 40	0 15	13 1	0 53	21 20	0 11	18 59	1 36	15 32	11 36	13 23	12 52	24 58	6 38	7 27
W 7	22 23	7 29	3 44	20 16	2 50	22 39	0 35	21 8	2 2	22 39	0 15	13 2	0 54	21 20	0 11	19 0	1 36	15 31	11 36	13 22	12 54	24 57	6 38	7 27
T 8	22 16	13 9	4 27	20 30	2 40	22 31	0 37	21 9	2 3	22 38	0 14	13 3	0 54	21 21	0 11	19 0	1 36	15 30	11 35	13 22	12 55	24 55	6 38	7 28
F 9	22 9	18 7	4 56	20 43	2 30	22 22	0 39	21 11	2 4	22 37	0 14	13 4	0 54	21 21	0 11	19 0	1 36	15 30	11 35	13 23	12 56	24 53	6 39	7 28
S 10	22 2	22 12	5 10	20 57	2 19	22 13	0 41	21 13	2 5	22 36	0 14	13 5	0 54	21 22	0 11	19 1	1 37	15 29	11 35	13 24	12 57	24 52	6 40	7 28
S 11	21 54	25 14	5 9	21 9	2 7	22 3	0 43	21 15	2 6	22 35	0 14	13 6	0 54	21 22	0 11	19 1	1 37	15 28	11 35	13 26	12 58	24 50	6 40	7 28
M12	21 45	27 4	4 55	21 21	1 56	21 52	0 46	21 17	2 7	22 34	0 14	13 7	0 54	21 23	0 11	19 1	1 37	15 28	11 35	13 27	12 59	24 48	6 41	7 29
T 13	21 37	27 38	4 27	21 33	1 44	21 41	0 48	21 19	2 8	22 33	0 14	13 8	0 54	21 23	0 11	19 1	1 37	15 27	11 34	13 29	13 0	24 46	6 41	7 29
W14	21 28	26 55	3 48	21 43	1 32	21 29	0 50	21 22	2 9	22 32	0 14	13 10	0 55	21 24	0 11	19 2	1 37	15 26	11 34	13 31	13 1	24 45	6 42	7 29
T 15	21 18	24 59	3 0	21 52	1 20	21 16	0 51	21 24	2 10	22 31	0 14	13 11	0 55	21 24	0 11	19 2	1 37	15 26	11 34	13 33	13 2	24 43	6 43	7 29
F 16	21 8	21 58	2 4	22 0	1 8	21 3	0 53	21 27	2 11	22 29	0 14	13 12	0 55	21 24	0 11	19 2	1 37	15 25	11 34	13 34	13 3	24 41	6 43	7 30
S 17	20 58	18 2	1 2	22 6	0 56	20 50	0 55	21 29	2 12	22 28	0 14	13 13	0 55	21 25	0 11	19 3	1 37	15 24	11 33	13 34	13 4	24 40	6 44	7 30
S 18	20 48	13 22	0s 3	22 11	0 44	20 35	0 57	21 32	2 13	22 27	0 14	13 15	0 55	21 25	0 11	19 3	1 37	15 24	11 33	13 35	13 5	24 38	6 45	7 30
M19	20 37	8 11	1 8	22 14	0 32	20 21	0 59	21 35	2 13	22 26	0 14	13 16	0 55	21 26	0 11	19 3	1 37	15 23	11 33	13 34	13 6	24 36	6 45	7 30
T 20	20 26	2 38	2 11	22 16	0 20	20 5	1 1	21 38	2 14	22 25	0 13	13 17	0 55	21 26	0 11	19 3	1 37	15 22	11 33	13 34	13 7	24 34	6 46	7 30
W21	20 14	3s 6	3 10	22 15	0 8	19 49	1 2	21 42	2 15	22 23	0 13	13 19	0 55	21 26	0 11	19 4	1 37	15 21	11 33	13 33	13 8	24 33	6 47	7 31
T 22	20 3	8 50	4 0	22 12	0n 4	19 33	1 4	21 45	2 15	22 22	0 13	13 20	0 56	21 27	0 11	19 4	1 37	15 21	11 32	13 33	13 9	24 31	6 48	7 31
F 23	19 50	14 21	4 40	22 6	0 15	19 15	1 6	21 49	2 16	22 21	0 13	13 21	0 56	21 27	0 11	19 4	1 37	15 20	11 32	13 33	13 10	24 29	6 48	7 31
S 24	19 38	19 22	5 6	21 58	0 26	18 58	1 7	21 52	2 17	22 19	0 13	13 23	0 56	21 28	0 11	19 4	1 37	15 19	11 32	13 33	13 12	24 27	6 49	7 31
S 25	19 25	23 32	5 15	21 48	0 36	18 40	1 9	21 56	2 17	22 18	0 13	13 24	0 56	21 28	0 11	19 4	1 37	15 18	11 32	13 33	13 13	24 26	6 50	7 31
M26	19 12	26 26	5 6	21 35	0 46	18 21	1 10	21 59	2 18	22 17	0 13	13 26	0 56	21 28	0 11	19 5	1 37	15 18	11 32	13 34	13 14	24 24	6 51	7 31
T 27	18 58	27 40	4 38	21 19	0 55	18 2	1 12	22 3	2 18	22 15	0 13	13 27	0 56	21 29	0 11	19 5	1 37	15 17	11 32	13 34	13 15	24 22	6 52	7 31
W28	18 45	26 56	3 50	21 1	1 3	17 42	1 13	22 7	2 19	22 14	0 13	13 29	0 56	21 29	0 11	19 5	1 37	15 16	11 31	13 35	13 16	24 20	6 53	7 32
T 29	18 31	24 13	2 45	20 40	1 11	17 22	1 14	22 11	2 19	22 13	0 13	13 30	0 56	21 29	0 11	19 5	1 37	15 15	11 31	13 36	13 17	24 18	6 53	7 32
F 30	18 16	19 48	1 29	20 17	1 18	17 1	1 16	22 15	2 19	22 11	0 13	13 32	0 57	21 30	0 11	19 5	1 37	15 15	11 31	13 36	13 18	24 17	6 54	7 32
S 31	18n 2	14s 7	0s 7	19n51	1n24	16n40	1n17	22s19	2s20	22n10	0s13	13s33	0s57	21n30	0s11	19n 6	1s37	15n14	11n31	13s36	13s19	24n15	6s55	7n32

Julian Day Number = 2889651.5, Delta T = 01h18m38s
Ecliptic obliquity = 23°17'10, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°32'22, Lahiri = 40°39'22

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ASTRODIENST EPHEMERIS for the year 3199
geocentric

AUGUST 3199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 38 31	9♌26'20	7♓ 5	8♌49	18♌53	0♐24	15♋55	26°R15	9♊11	3♊21	18♍13	23♒29	24♒19	22♋ 1	22°R 1	S 1
M 2	20 42 27	10°23'36	21°34	10°58	20° 7	0°43	16° 8	26♒11	9°13	3°22	18°14	23°30	24°16	22° 8	21♒58	M 2
T 3	20 46 24	11°20'51	5♈36	13° 6	21°20	1° 2	16°21	26° 7	9°15	3°23	18°16	23°31	24°13	22°15	21°55	T 3
W 4	20 50 21	12°18'07	19°12	15°14	22°34	1°21	16°35	26° 3	9°17	3°24	18°18	23°32	24° 9	22°21	21°51	W 4
T 5	20 54 17	13°15'24	2♉23	17°20	23°48	1°41	16°48	25°58	9°19	3°25	18°19	23°32	24° 6	22°28	21°48	T 5
F 6	20 58 14	14°12'41	15°10	19°26	25° 2	2° 2	17° 1	25°54	9°21	3°26	18°21	23°R33	24° 3	22°35	21°45	F 6
S 7	21 2 10	15° 9'59	27°38	21°29	26°15	2°23	17°14	25°50	9°23	3°27	18°23	23°32	24° 0	22°41	21°42	S 7
S 8	21 6 7	16° 7'18	9♊50	23°32	27°29	2°44	17°27	25°46	9°25	3°28	18°24	23°32	23°57	22°48	21°38	S 8
M 9	21 10 3	17° 4'37	21°50	25°33	28°43	3° 6	17°40	25°41	9°27	3°29	18°26	23°31	23°54	22°55	21°35	M 9
T 10	21 14 0	18° 1'57	3♋43	27°32	29°57	3°29	17°53	25°37	9°28	3°30	18°28	23°30	23°50	23° 1	21°32	T 10
W11	21 17 56	18°59'17	15°33	29°30	1♍10	3°52	18° 5	25°32	9°30	3°31	18°30	23°30	23°47	23° 8	21°28	W11
T 12	21 21 53	19°56'39	27°21	1♍26	2°24	4°15	18°18	25°28	9°32	3°32	18°31	23°29	23°44	23°15	21°25	T 12
F 13	21 25 50	20°54'00	9♌11	3°20	3°38	4°39	18°31	25°23	9°33	3°33	18°33	23°29	23°41	23°21	21°22	F 13
S 14	21 29 46	21°51'23	21° 6	5°12	4°52	5° 3	18°44	25°19	9°35	3°33	18°35	23°D29	23°38	23°28	21°18	S 14
S 15	21 33 43	22°48'46	3♍ 7	7° 3	6° 5	5°28	18°56	25°15	9°36	3°34	18°37	23°29	23°34	23°35	21°15	S 15
M16	21 37 39	23°46'09	15°17	8°52	7°19	5°53	19° 9	25°10	9°38	3°35	18°39	23°R29	23°31	23°41	21°12	M16
T 17	21 41 36	24°43'33	27°37	10°40	8°33	6°18	19°21	25° 6	9°39	3°35	18°41	23°29	23°28	23°48	21° 8	T 17
W18	21 45 32	25°40'58	10♎ 9	12°25	9°47	6°44	19°34	25° 1	9°41	3°36	18°42	23°29	23°25	23°55	21° 5	W18
T 19	21 49 29	26°38'23	22°56	14° 9	11° 0	7°10	19°46	24°57	9°42	3°37	18°44	23°28	23°22	24° 1	21° 2	T 19
F 20	21 53 25	27°35'48	6♏ 0	15°51	12°14	7°37	19°58	24°52	9°43	3°37	18°46	23°28	23°19	24° 8	20°58	F 20
S 21	21 57 22	28°33'14	19°21	17°32	13°28	8° 4	20°11	24°48	9°45	3°38	18°48	23°28	23°15	24°15	20°55	S 21
S 22	22 1 19	29°30'41	3♐ 2	19°11	14°42	8°31	20°23	24°43	9°46	3°38	18°50	23°D28	23°12	24°21	20°52	S 22
M23	22 5 15	0♍28'08	17° 3	20°48	15°55	8°59	20°35	24°39	9°47	3°39	18°52	23°28	23° 9	24°28	20°48	M23
T 24	22 9 12	1°25'36	1♑23	22°24	17° 9	9°27	20°47	24°34	9°48	3°39	18°54	23°28	23° 6	24°35	20°45	T 24
W25	22 13 8	2°23'05	15°59	23°58	18°23	9°55	20°59	24°30	9°49	3°40	18°56	23°29	23° 3	24°41	20°42	W25
T 26	22 17 5	3°20'34	0♒47	25°30	19°36	10°24	21°11	24°26	9°50	3°40	18°58	23°30	23° 0	24°48	20°39	T 26
F 27	22 21 1	4°18'04	15°42	27° 0	20°50	10°53	21°23	24°21	9°51	3°40	19° 0	23°30	22°56	24°55	20°36	F 27
S 28	22 24 58	5°15'34	0♓34	28°29	22° 4	11°23	21°34	24°17	9°52	3°41	19° 1	23°R30	22°53	25° 1	20°32	S 28
S 29	22 28 54	6°13'06	15°17	29°57	23°17	11°52	21°46	24°13	9°53	3°41	19° 3	23°30	22°50	25° 8	20°29	S 29
M30	22 32 51	7°10'38	29°44	1♎22	24°31	12°22	21°58	24° 8	9°54	3°41	19° 5	23°28	22°47	25°15	20°26	M30
T 31	22 36 48	8♍ 8'12	13♈50	2♎46	25♍45	12♐53	22♋ 9	24♒ 4	9♊54	3♊41	19♍ 7	23♒27	22♒44	25♋21	20♒23	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n47	7s42	1n15	19n23	1n30	16n18	1n18	22s24	2s20	22n 8	0s12	13s35	0s57	21n30	0s11	19n 6	1s37	15n13	11n31	13s36	13s20	24n13	6s56	7n32
M 2	17 31	1 2	2 29	18 53	1 35	15 56	1 19	22 28	2 21	22 7	0 12	13 36	0 57	21 31	0 11	19 6	1 38	15 12	11 31	13 36	13 21	24 11	6 57	7 32
T 3	17 16	5n28	3 33	18 21	1 39	15 34	1 20	22 32	2 21	22 5	0 12	13 38	0 57	21 31	0 11	19 6	1 38	15 12	11 31	13 36	13 22	24 9	6 58	7 32
W 4	17 0	11 31	4 22	17 47	1 42	15 11	1 21	22 36	2 21	22 4	0 12	13 39	0 57	21 31	0 11	19 6	1 38	15 11	11 30	13 35	13 23	24 8	6 59	7 32
T 5	16 44	16 51	4 56	17 12	1 44	14 48	1 22	22 41	2 22	22 2	0 12	13 41	0 57	21 31	0 11	19 6	1 38	15 10	11 30	13 35	13 24	24 6	7 0	7 32
F 6	16 28	21 17	5 14	16 34	1 46	14 24	1 23	22 45	2 22	22 1	0 12	13 42	0 57	21 32	0 11	19 6	1 38	15 9	11 30	13 35	13 25	24 4	7 1	7 32
S 7	16 11	24 38	5 16	15 56	1 47	14 0	1 24	22 50	2 22	21 59	0 12	13 44	0 57	21 32	0 11	19 7	1 38	15 8	11 30	13 35	13 26	24 2	7 2	7 32
S 8	15 54	26 48	5 4	15 16	1 47	13 36	1 25	22 54	2 22	21 58	0 12	13 45	0 58	21 32	0 11	19 7	1 38	15 8	11 30	13 35	13 27	24 0	7 3	7 32
M 9	15 37	27 41	4 39	14 36	1 46	13 11	1 25	22 59	2 23	21 56	0 12	13 47	0 58	21 33	0 11	19 7	1 38	15 7	11 30	13 36	13 28	23 58	7 4	7 32
T 10	15 20	27 16	4 2	13 54	1 45	12 46	1 26	23 3	2 23	21 54	0 12	13 48	0 58	21 33	0 11	19 7	1 38	15 6	11 30	13 36	13 29	23 56	7 5	7 32
W11	15 2	25 37	3 15	13 11	1 43	12 20	1 26	23 8	2 23	21 53	0 12	13 50	0 58	21 33	0 11	19 7	1 38	15 5	11 30	13 36	13 30	23 55	7 6	7 32
T 12	14 44	22 51	2 20	12 28	1 41	11 54	1 27	23 12	2 23	21 51	0 12	13 52	0 58	21 33	0 11	19 7	1 38	15 5	11 30	13 36	13 31	23 53	7 7	7 32
F 13	14 26	19 6	1 19	11 45	1 38	11 28	1 27	23 17	2 23	21 50	0 12	13 53	0 58	21 34	0 11	19 7	1 38	15 4	11 29	13 36	13 32	23 51	7 8	7 32
S 14	14 8	14 35	0 13	11 0	1 34	11 2	1 28	23 21	2 24	21 48	0 11	13 55	0 58	21 34	0 11	19 7	1 38	15 3	11 29	13 36	13 34	23 49	7 9	7 32
S 15	13 49	9 28	0s53	10 16	1 30	10 35	1 28	23 26	2 24	21 46	0 11	13 56	0 58	21 34	0 11	19 7	1 38	15 2	11 29	13 36	13 35	23 47	7 10	7 32
M16	13 31	3 57	1 58	9 31	1 26	10 8	1 28	23 31	2 24	21 45	0 11	13 58	0 58	21 34	0 11	19 8	1 38	15 1	11 29	13 36	13 36	23 45	7 12	7 32
T 17	13 12	1s47	2 58	8 46	1 21	9 41	1 28	23 35	2 24	21 43	0 11	14 0	0 58	21 34	0 11	19 8	1 38	15 1	11 29	13 36	13 37	23 43	7 13	7 32
W18	12 53	7 33	3 51	8 1	1 15	9 13	1 29	23 40	2 24	21 41	0 11	14 1	0 58	21 35	0 11	19 8	1 38	15 0	11 29	13 36	13 38	23 41	7 14	7 32
T 19	12 33	13 6	4 34	7 16	1 9	8 46	1 29	23 44	2 24	21 40	0 11	14 3	0 59	21 35	0 11	19 8	1 38	14 59	11 29	13 37	13 39	23 39	7 15	7 32
F 20	12 14	18 12	5 3	6 31	1 3	8 18	1 28	23 49	2 24	21 38	0 11	14 4	0 59	21 35	0 11	19 8	1 38	14 58	11 29	13 37	13 40	23 37	7 16	7 32
S 21	11 54	22 32	5 17	5 46	0 56	7 49	1 28	23 53	2 24	21 36	0 11	14 6	0 59	21 35	0 11	19 8	1 38	14 57	11 29	13 37	13 41	23 35	7 17	7 31
S 22	11 34	25 45	5 13	5 1	0 50	7 21	1 28	23 57	2 24	21 34	0 11	14 7	0 59	21 35	0 11	19 8	1 39	14 57	11 29	13 37	13 42	23 33	7 18	7 31
M23	11 14	27 29	4 51	4 16	0 42	6 52	1 28	24 2	2 24	21 33	0 11	14 9	0 59	21 36	0 11	19 8	1 39	14 56	11 29	13 37	13 43	23 32	7 19	7 31
T 24	10 54	27 27	4 11	3 32	0 35	6 23	1 28	24 6	2 24	21 31	0 11	14 10	0 59	21 36	0 11	19 8	1 39	14 55	11 29	13 37	13 44	23 30	7 21	7 31
W25	10 34	25 32	3 13	2 48	0 27	5 54	1 27	24 10	2 24	21 29	0 11	14 12	0 59	21 36	0 11	19 8	1 39	14 54	11 29	13 36	13 45	23 28	7 22	7 31
T 26	10 13	21 51	2 3	2 4	0 19	5 25	1 27	24 14	2 24	21 27	0 11	14 13	0 59	21 36	0 11	19 8	1 39	14 53	11 29	13 36	13 46	23 26	7 23	7 31
F 27	9 52	16 43	0 43	1 20	0 10	4 56	1 26	24 19	2 24	21 26	0 10	14 15	0 59	21 36	0 11	19 8	1 39	14 53	11 29	13 36	13 47	23 24	7 24	7 30
S 28	9 31	10 36	0n39	0 37	0 2	4 27	1 26	24 23	2 24	21 24	0 10	14 16	0 59	21 36	0 11	19 8	1 39	14 52	11 29	13 36	13 48	23 22	7 25	7 30
S 29	9 10	3 57	1 58	0s 5	0s 7	3 57	1 25	24 27	2 24	21 22	0 10	14 18	0 59	21 36	0 11	19 8	1 39	14 51	11 29	13 36	13 49	23 20	7 26	7 30
M30	8 49	2n46	3 7	0 47	0 16	3 27	1 24	24 30	2 24	21 20	0 10	14 19	0 59	21 37	0 11	19 8	1 39	14 50	11 29	13 37	13 50	23 18	7 28	7 30
T 31	8n28	9n10	4n 4	1s29	0s25	2n58	1n24	24s34	2s24	21n19	0s10	14s21	0s59	21n37	0s11	19n 8	1s39	14n50	11n29	13s37	13s51	23n16	7s29	7n30

Julian Day Number = 2889682.5, Delta T = 01h18m39s
Ecliptic obliquity = 23°17'10, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°32'26, Lahiri = 40°39'26

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ASTRODIENST EPHEMERIS for the year 3199
geocentric

SEPTEMBER 3199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 40 44	9♍ 5'47	27♈31	4♎ 8	26♍58	13♐23	22♋21	24°R 0	9♊55	3♊42	19♍ 9	23°R25	22♒40	25♋28	20°R20	W 1
T 2	22 44 41	10° 3'23	10♉46	5°28	28°12	13°54	22°32	23♒56	9°56	3°42	19°11	23♒23	22°37	25°35	20♒17	T 2
F 3	22 48 37	11° 1'01	23°38	6°46	29°26	14°25	22°43	23°51	9°56	3°42	19°13	23°21	22°34	25°41	20°14	F 3
S 4	22 52 34	11°58'40	6♊ 8	8° 3	0♎39	14°57	22°54	23°47	9°57	3°42	19°15	23°20	22°31	25°48	20°11	S 4
S 5	22 56 30	12°56'21	18°20	9°17	1°53	15°29	23° 6	23°43	9°57	3°42	19°17	23°D20	22°28	25°55	20° 8	S 5
M 6	23 0 27	13°54'03	0♋20	10°30	3° 7	16° 1	23°17	23°39	9°58	3°R42	19°19	23°21	22°25	26° 1	20° 5	M 6
T 7	23 4 23	14°51'47	12°12	11°40	4°20	16°33	23°28	23°35	9°58	3°42	19°21	23°23	22°21	26° 8	20° 2	T 7
W 8	23 8 20	15°49'32	24° 1	12°48	5°34	17° 6	23°38	23°31	9°59	3°42	19°23	23°24	22°18	26°15	19°59	W 8
T 9	23 12 17	16°47'18	5♌50	13°54	6°47	17°39	23°49	23°27	9°59	3°42	19°25	23°26	22°15	26°21	19°56	T 9
F 10	23 16 13	17°45'06	17°44	14°58	8° 1	18°12	24° 0	23°23	9°59	3°42	19°27	23°R27	22°12	26°28	19°53	F 10
S 11	23 20 10	18°42'56	29°46	15°59	9°15	18°45	24°10	23°20	10° 0	3°42	19°29	23°27	22° 9	26°34	19°51	S 11
S 12	23 24 6	19°40'47	11♍59	16°58	10°28	19°19	24°21	23°16	10° 0	3°42	19°31	23°25	22° 6	26°41	19°48	S 12
M13	23 28 3	20°38'39	24°24	17°54	11°42	19°53	24°31	23°12	10° 0	3°41	19°33	23°23	22° 2	26°48	19°45	M13
T 14	23 31 59	21°36'33	7♎ 2	18°46	12°55	20°27	24°42	23° 8	10° 0	3°41	19°35	23°19	21°59	26°54	19°43	T 14
W15	23 35 56	22°34'27	19°54	19°36	14° 9	21° 1	24°52	23° 5	10°R 0	3°41	19°37	23°15	21°56	27° 1	19°40	W15
T 16	23 39 52	23°32'24	2♏59	20°23	15°22	21°36	25° 2	23° 1	10° 0	3°41	19°39	23°10	21°53	27° 8	19°37	T 16
F 17	23 43 49	24°30'21	16°19	21° 6	16°36	22°11	25°12	22°58	10° 0	3°40	19°41	23° 5	21°50	27°14	19°35	F 17
S 18	23 47 45	25°28'20	29°51	21°46	17°49	22°46	25°22	22°54	10° 0	3°40	19°43	23° 2	21°46	27°21	19°33	S 18
S 19	23 51 42	26°26'21	13♐36	22°21	19° 3	23°21	25°31	22°51	9°59	3°39	19°45	23° 0	21°43	27°28	19°30	S 19
M20	23 55 39	27°24'22	27°33	22°53	20°17	23°57	25°41	22°48	9°59	3°39	19°47	22°D59	21°40	27°34	19°28	M20
T 21	23 59 35	28°22'25	11♑41	23°20	21°30	24°33	25°51	22°44	9°59	3°39	19°49	23° 0	21°37	27°41	19°25	T 21
W22	0 3 32	29°20'29	25°58	23°42	22°43	25° 9	26° 0	22°41	9°59	3°38	19°51	23° 1	21°34	27°48	19°23	W22
T 23	0 7 28	0♎18'34	10♒24	24° 0	23°57	25°45	26° 9	22°38	9°58	3°37	19°53	23° 2	21°31	27°54	19°21	T 23
F 24	0 11 25	1°16'41	24°53	24°12	25°10	26°21	26°18	22°35	9°58	3°37	19°55	23°R 3	21°27	28° 1	19°19	F 24
S 25	0 15 21	2°14'49	9♓23	24°18	26°24	26°58	26°28	22°32	9°57	3°36	19°57	23° 2	21°24	28° 8	19°17	S 25
S 26	0 19 18	3°12'58	23°46	24°R19	27°37	27°35	26°36	22°30	9°57	3°36	19°59	22°59	21°21	28°14	19°15	S 26
M27	0 23 14	4°11'09	7♈59	24°13	28°51	28°12	26°45	22°27	9°56	3°35	20° 1	22°54	21°18	28°21	19°13	M27
T 28	0 27 11	5° 9'22	21°56	24° 1	0♏ 4	28°49	26°54	22°24	9°56	3°34	20° 3	22°48	21°15	28°28	19°11	T 28
W29	0 31 8	6° 7'36	5♉33	23°43	1°17	29°26	27° 3	22°21	9°55	3°34	20° 5	22°41	21°11	28°34	19° 9	W29
T 30	0 35 4	7♎ 5'53	18♉47	23♎18	2♏31	0♑ 4	27♋11	22♒19	9♊54	3♊33	20♍ 7	22♒33	21♒ 8	28♋41	19♒ 7	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n 7	14n57	4n44	2s 9	0s34	2n28	1n23	24s38	2s24	21n17	0s10	14s22	0s59	21n37	0s11	19n 8	1s39	14n49	11n29	13s38	13s52	23n14	7s30	7n29
T 2	7 45	19 50	5 8	2 50	0 44	1 58	1 22	24 42	2 23	21 15	0 10	14 24	0 59	21 37	0 11	19 8	1 39	14 48	11 29	13 38	13 53	23 12	7 31	7 29
F 3	7 23	23 39	5 16	3 29	0 53	1 28	1 21	24 45	2 23	21 13	0 10	14 25	0 59	21 37	0 11	19 8	1 39	14 47	11 29	13 39	13 54	23 10	7 32	7 29
S 4	7 2	26 15	5 8	4 8	1 3	0 58	1 20	24 49	2 23	21 12	0 10	14 27	1 0	21 37	0 11	19 8	1 39	14 47	11 29	13 39	13 55	23 8	7 33	7 29
S 5	6 40	27 32	4 47	4 46	1 13	0 28	1 19	24 52	2 23	21 10	0 10	14 28	1 0	21 37	0 11	19 8	1 39	14 46	11 29	13 39	13 56	23 6	7 34	7 28
M 6	6 18	27 30	4 13	5 24	1 22	0s 3	1 17	24 55	2 23	21 8	0 10	14 29	1 0	21 37	0 11	19 8	1 39	14 45	11 29	13 39	13 57	23 4	7 36	7 28
T 7	5 56	26 11	3 28	6 0	1 32	0 33	1 16	24 59	2 23	21 6	0 10	14 31	1 0	21 37	0 11	19 8	1 39	14 44	11 29	13 38	13 58	23 2	7 37	7 28
W 8	5 33	23 43	2 35	6 36	1 42	1 3	1 15	25 2	2 22	21 5	0 10	14 32	1 0	21 37	0 11	19 8	1 39	14 44	11 29	13 38	13 59	23 0	7 38	7 28
T 9	5 11	20 14	1 36	7 10	1 52	1 33	1 13	25 5	2 22	21 3	0 9	14 33	1 0	21 37	0 11	19 8	1 40	14 43	11 29	13 37	14 0	22 58	7 39	7 27
F 10	4 49	15 55	0 31	7 44	2 2	2 3	1 12	25 7	2 22	21 1	0 9	14 35	1 0	21 37	0 11	19 8	1 40	14 42	11 29	13 37	14 1	22 55	7 40	7 27
S 11	4 26	10 56	0s35	8 16	2 11	2 34	1 11	25 10	2 22	20 59	0 9	14 36	1 0	21 37	0 11	19 7	1 40	14 41	11 29	13 37	14 2	22 53	7 41	7 27
S 12	4 4	5 29	1 40	8 48	2 21	3 4	1 9	25 13	2 21	20 58	0 9	14 37	1 0	21 37	0 11	19 7	1 40	14 41	11 29	13 38	14 3	22 51	7 42	7 26
M13	3 41	0s16	2 42	9 18	2 31	3 34	1 7	25 15	2 21	20 56	0 9	14 38	1 0	21 37	0 11	19 7	1 40	14 40	11 29	13 38	14 4	22 49	7 44	7 26
T 14	3 18	6 5	3 37	9 47	2 40	4 4	1 6	25 17	2 21	20 54	0 9	14 40	1 0	21 37	0 11	19 7	1 40	14 39	11 29	13 40	14 5	22 47	7 45	7 26
W15	2 56	11 46	4 21	10 14	2 50	4 34	1 4	25 19	2 21	20 52	0 9	14 41	1 0	21 37	0 11	19 7	1 40	14 38	11 29	13 41	14 6	22 45	7 46	7 25
T 16	2 33	17 1	4 53	10 41	2 59	5 4	1 2	25 21	2 20	20 51	0 9	14 42	1 0	21 37	0 11	19 7	1 40	14 38	11 29	13 43	14 8	22 43	7 47	7 25
F 17	2 10	21 33	5 10	11 5	3 8	5 33	1 0	25 23	2 20	20 49	0 9	14 43	1 0	21 37	0 11	19 7	1 40	14 37	11 30	13 44	14 9	22 41	7 48	7 24
S 18	1 47	25 2	5 10	11 28	3 16	6 3	0 58	25 25	2 20	20 47	0 9	14 44	1 0	21 37	0 11	19 7	1 40	14 36	11 30	13 45	14 10	22 39	7 49	7 24
S 19	1 24	27 7	4 52	11 49	3 25	6 33	0 56	25 27	2 20	20 46	0 9	14 45	1 0	21 37	0 11	19 7	1 40	14 36	11 30	13 46	14 11	22 37	7 50	7 24
M20	1 1	27 33	4 17	12 8	3 32	7 2	0 54	25 28	2 19	20 44	0 9	14 47	1 0	21 37	0 11	19 6	1 40	14 35	11 30	13 46	14 12	22 35	7 51	7 23
T 21	0 39	26 12	3 26	12 25	3 40	7 31	0 52	25 29	2 19	20 42	0 8	14 48	1 0	21 37	0 11	19 6	1 40	14 34	11 30	13 46	14 13	22 33	7 52	7 23
W22	0 16	23 9	2 22	12 40	3 47	8 0	0 50	25 30	2 19	20 41	0 8	14 49	1 0	21 37	0 11	19 6	1 40	14 34	11 30	13 46	14 14	22 30	7 53	7 23
T 23	0s 7	18 37	1 8	12 52	3 53	8 29	0 48	25 31	2 18	20 39	0 8	14 50	1 0	21 37	0 11	19 6	1 40	14 33	11 30	13 45	14 15	22 28	7 55	7 22
F 24	0 30	12 59	0n10	13 2	3 59	8 58	0 46	25 32	2 18	20 37	0 8	14 51	1 0	21 37	0 11	19 6	1 40	14 32	11 30	13 45	14 16	22 26	7 56	7 22
S 25	0 53	6 39	1 28	13 9	4 4	9 27	0 43	25 32	2 17	20 36	0 8	14 52	1 0	21 37	0 11	19 6	1 40	14 32	11 30	13 45	14 17	22 24	7 57	7 21
S 26	1 16	0 1	2 39	13 12	4 8	9 55	0 41	25 33	2 17	20 34	0 8	14 53	1 0	21 37	0 11	19 6	1 40	14 31	11 31	13 46	14 18	22 22	7 58	7 21
M27	1 39	6n31	3 40	13 13	4 11	10 23	0 39	25 33	2 17	20 32	0 8	14 53	1 0	21 37	0 11	19 5	1 40	14 30	11 31	13 48	14 19	22 20	7 59	7 20
T 28	2 2	12 36	4 26	13 10	4 13	10 51	0 36	25 33	2 16	20 31	0 8	14 54	1 0	21 37	0 11	19 5	1 41	14 30	11 31	13 50	14 20	22 18	8 0	7 20
W29	2 25	17 55	4 55	13 4	4 13	11 19	0 34	25 33	2 16	20 29	0 8	14 55	1 0	21 37	0 11	19 5	1 41	14 29	11 31	13 52	14 21	22 15	8 1	7 20
T 30	2s48	22n14	5n 8	12s54	4s12	11s47	0n31	25s33	2s15	20n28	0s 8	14s56	1s 0	21n37	0s11	19n 5	1s41	14n29	11n31	13s54	14s22	22n13	8s 2	7n19

Julian Day Number = 2889713.5, Delta T = 01h18m39s
Ecliptic obliquity = 23°17'11, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°32'30, Lahiri = 40°39'31

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ASTRODIENST EPHEMERIS for the year 3199
geocentric

OCTOBER 3199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 39 1	8♎ 4'11	1♊39	22°R46	3♏44	0♑41	27♋19	22°R17	9°R53	3°R32	20♍ 9	22°R27	21♒ 5	28♋48	19°R 5	F 1
S 2	0 42 57	9° 2'32	14°10	22♎ 8	4°57	1°19	27°28	22♒14	9♊53	3♊31	20°11	22♒22	21° 2	28°54	19♒ 4	S 2
S 3	0 46 54	10° 0'54	26°24	21°24	6°11	1°57	27°36	22°12	9°52	3°31	20°13	22°19	20°59	29° 1	19° 2	S 3
M 4	0 50 50	10°59'19	8♋24	20°34	7°24	2°36	27°44	22°10	9°51	3°30	20°14	22°D18	20°56	29° 8	19° 0	M 4
T 5	0 54 47	11°57'45	20°16	19°39	8°37	3°14	27°51	22° 8	9°50	3°29	20°16	22°18	20°52	29°14	18°59	T 5
W 6	0 58 43	12°56'14	2♌ 5	18°40	9°51	3°53	27°59	22° 6	9°49	3°28	20°18	22°20	20°49	29°21	18°57	W 6
T 7	1 2 40	13°54'44	13°56	17°39	11° 4	4°31	28° 7	22° 4	9°48	3°27	20°20	22°21	20°46	29°28	18°56	T 7
F 8	1 6 37	14°53'17	25°53	16°35	12°17	5°10	28°14	22° 2	9°47	3°26	20°22	22°R21	20°43	29°34	18°55	F 8
S 9	1 10 33	15°51'52	8♍ 2	15°31	13°30	5°49	28°21	22° 0	9°46	3°25	20°24	22°20	20°40	29°41	18°53	S 9
S 10	1 14 30	16°50'28	20°25	14°29	14°43	6°29	28°28	21°58	9°44	3°24	20°26	22°16	20°37	29°48	18°52	S 10
M11	1 18 26	17°49'07	3♎ 5	13°29	15°57	7° 8	28°35	21°57	9°43	3°23	20°27	22°10	20°33	29°54	18°51	M11
T 12	1 22 23	18°47'48	16° 3	12°34	17°10	7°48	28°42	21°55	9°42	3°22	20°29	22° 2	20°30	0♌ 1	18°50	T 12
W13	1 26 19	19°46'30	29°18	11°45	18°23	8°28	28°49	21°54	9°41	3°21	20°31	21°52	20°27	0° 7	18°49	W13
T 14	1 30 16	20°45'15	12♏48	11° 3	19°36	9° 7	28°55	21°53	9°39	3°20	20°33	21°42	20°24	0°14	18°48	T 14
F 15	1 34 12	21°44'01	26°32	10°29	20°49	9°47	29° 1	21°52	9°38	3°18	20°35	21°33	20°21	0°21	18°47	F 15
S 16	1 38 9	22°42'49	10♐25	10° 5	22° 3	10°28	29° 7	21°51	9°36	3°17	20°36	21°25	20°17	0°27	18°46	S 16
S 17	1 42 6	23°41'39	24°25	9°50	23°16	11° 8	29°14	21°50	9°35	3°16	20°38	21°19	20°14	0°34	18°46	S 17
M18	1 46 2	24°40'30	8♑29	9°D45	24°29	11°48	29°19	21°49	9°33	3°15	20°40	21°16	20°11	0°41	18°45	M18
T 19	1 49 59	25°39'23	22°35	9°50	25°42	12°29	29°25	21°48	9°32	3°14	20°42	21°D15	20° 8	0°47	18°44	T 19
W20	1 53 55	26°38'18	6♒42	10° 6	26°55	13°10	29°31	21°47	9°30	3°12	20°43	21°15	20° 5	0°54	18°44	W20
T 21	1 57 52	27°37'14	20°50	10°32	28° 8	13°51	29°36	21°47	9°29	3°11	20°45	21°R15	20° 2	1° 1	18°43	T 21
F 22	2 1 48	28°36'12	4♓56	11° 7	29°21	14°32	29°41	21°46	9°27	3°10	20°47	21°14	19°58	1° 7	18°43	F 22
S 23	2 5 45	29°35'12	18°59	11°51	0♐34	15°13	29°46	21°46	9°25	3° 8	20°48	21°12	19°55	1°14	18°43	S 23
S 24	2 9 41	0♏34'13	2♈57	12°43	1°47	15°54	29°51	21°45	9°24	3° 7	20°50	21° 6	19°52	1°21	18°42	S 24
M25	2 13 38	1°33'16	16°46	13°43	3° 0	16°36	29°56	21°45	9°22	3° 6	20°51	20°58	19°49	1°27	18°42	M25
T 26	2 17 35	2°32'21	0♉24	14°50	4°13	17°17	0♌ 0	21°D45	9°20	3° 4	20°53	20°47	19°46	1°34	18°42	T 26
W27	2 21 31	3°31'28	13°46	16° 3	5°26	17°59	0° 4	21°45	9°18	3° 3	20°55	20°35	19°43	1°41	18°D42	W27
T 28	2 25 28	4°30'37	26°50	17°21	6°39	18°41	0° 9	21°45	9°16	3° 2	20°56	20°23	19°39	1°47	18°42	T 28
F 29	2 29 24	5°29'49	9♊36	18°44	7°52	19°22	0°13	21°45	9°14	3° 0	20°58	20°12	19°36	1°54	18°42	F 29
S 30	2 33 21	6°29'02	22° 4	20°11	9° 4	20° 4	0°16	21°46	9°12	2°59	20°59	20° 2	19°33	2° 1	18°42	S 30
S 31	2 37 17	7♏28'18	4♋16	21♎41	10♐17	20♑46	0♌20	21♒46	9♊10	2♊57	21♍ 1	19♒56	19♒30	2♌ 7	18♒42	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s11	25n20	5n 5	12s40	4s10	12s14	0n29	25s32	2s15	20n26	0s 8	14s57	1s 0	21n37	0s11	19n 5	1s41	14n28	11n31	13s56	14s23	22n11	8s 3	7n19
S 2	3 34	27 6	4 47	12 22	4 6	12 41	0 26	25 31	2 15	20 25	0 8	14 58	1 0	21 36	0 11	19 5	1 41	14 27	11 32	13 58	14 24	22 9	8 3	7 18
S 3	3 57	27 30	4 16	12 1	4 0	13 7	0 24	25 30	2 14	20 23	0 7	14 58	1 0	21 36	0 11	19 4	1 41	14 27	11 32	13 59	14 25	22 7	8 4	7 18
M 4	4 19	26 35	3 35	11 35	3 53	13 34	0 21	25 29	2 14	20 22	0 7	14 59	1 0	21 36	0 11	19 4	1 41	14 26	11 32	13 59	14 26	22 5	8 5	7 17
T 5	4 42	24 28	2 44	11 5	3 43	14 0	0 18	25 28	2 13	20 20	0 7	15 0	1 0	21 36	0 11	19 4	1 41	14 26	11 32	13 59	14 27	22 2	8 6	7 17
W 6	5 5	21 19	1 47	10 33	3 32	14 25	0 16	25 26	2 13	20 19	0 7	15 0	1 0	21 36	0 11	19 4	1 41	14 25	11 32	13 59	14 28	22 0	8 7	7 16
T 7	5 27	17 16	0 45	9 57	3 19	14 51	0 13	25 25	2 12	20 17	0 7	15 1	1 0	21 36	0 11	19 3	1 41	14 24	11 32	13 59	14 29	21 58	8 8	7 16
F 8	5 50	12 31	0s19	9 19	3 4	15 16	0 10	25 23	2 12	20 16	0 7	15 1	1 0	21 36	0 11	19 3	1 41	14 24	11 33	13 58	14 30	21 56	8 9	7 15
S 9	6 12	7 13	1 23	8 39	2 48	15 41	0 7	25 21	2 11	20 15	0 7	15 2	1 0	21 35	0 11	19 3	1 41	14 23	11 33	13 59	14 31	21 54	8 10	7 15
S 10	6 35	1 33	2 25	7 59	2 30	16 5	0 4	25 18	2 11	20 13	0 7	15 3	1 0	21 35	0 11	19 3	1 41	14 23	11 33	14 0	14 32	21 51	8 11	7 14
M11	6 57	4s17	3 20	7 18	2 11	16 29	0 2	25 16	2 10	20 12	0 7	15 3	1 0	21 35	0 11	19 3	1 41	14 22	11 33	14 2	14 33	21 49	8 11	7 14
T 12	7 19	10 4	4 7	6 39	1 51	16 52	0s 1	25 13	2 10	20 11	0 7	15 3	1 0	21 35	0 11	19 2	1 41	14 22	11 34	14 5	14 34	21 47	8 12	7 13
W13	7 41	15 32	4 41	6 1	1 31	17 15	0 4	25 10	2 9	20 10	0 7	15 4	1 0	21 35	0 11	19 2	1 41	14 21	11 34	14 8	14 35	21 45	8 13	7 13
T 14	8 3	20 21	5 1	5 26	1 11	17 38	0 7	25 7	2 9	20 8	0 7	15 4	1 0	21 34	0 11	19 2	1 41	14 21	11 34	14 11	14 36	21 42	8 14	7 12
F 15	8 25	24 10	5 3	4 54	0 50	18 0	0 10	25 3	2 8	20 7	0 6	15 5	1 0	21 34	0 11	19 2	1 41	14 20	11 34	14 14	14 37	21 40	8 14	7 12
S 16	8 47	26 37	4 48	4 26	0 31	18 22	0 13	25 0	2 8	20 6	0 6	15 5	1 0	21 34	0 11	19 1	1 41	14 20	11 35	14 16	14 38	21 38	8 15	7 11
S 17	9 8	27 25	4 15	4 3	0 12	18 44	0 16	24 56	2 7	20 5	0 6	15 5	1 0	21 34	0 11	19 1	1 41	14 19	11 35	14 18	14 39	21 36	8 16	7 11
M18	9 30	26 28	3 27	3 45	0n 6	19 5	0 19	24 52	2 6	20 4	0 6	15 6	1 0	21 34	0 11	19 1	1 41	14 19	11 35	14 19	14 40	21 33	8 17	7 10
T 19	9 51	23 49	2 27	3 31	0 23	19 25	0 22	24 48	2 6	20 3	0 6	15 6	1 0	21 33	0 11	19 1	1 41	14 19	11 35	14 20	14 41	21 31	8 17	7 10
W20	10 13	19 43	1 17	3 23	0 39	19 45	0 25	24 43	2 5	20 2	0 6	15 6	1 0	21 33	0 11	19 0	1 41	14 18	11 36	14 20	14 42	21 29	8 18	7 9
T 21	10 34	14 30	0 2	3 20	0 53	20 4	0 28	24 38	2 5	20 1	0 6	15 6	1 0	21 33	0 11	19 0	1 41	14 18	11 36	14 20	14 43	21 27	8 19	7 9
F 22	10 55	8 31	1n12	3 22	1 6	20 23	0 31	24 33	2 4	20 0	0 6	15 6	1 0	21 33	0 11	19 0	1 41	14 17	11 36	14 20	14 44	21 24	8 19	7 8
S 23	11 15	2 9	2 22	3 28	1 17	20 41	0 34	24 28	2 3	19 59	0 6	15 6	1 0	21 32	0 11	18 59	1 42	14 17	11 36	14 21	14 45	21 22	8 20	7 8
S 24	11 36	4n16	3 22	3 39	1 27	20 59	0 37	24 23	2 3	19 58	0 6	15 6	1 0	21 32	0 11	18 59	1 42	14 16	11 37	14 22	14 46	21 20	8 20	7 7
M25	11 56	10 24	4 10	3 55	1 36	21 17	0 40	24 17	2 2	19 57	0 5	15 7	1 0	21 32	0 11	18 59	1 42	14 16	11 37	14 25	14 47	21 18	8 21	7 7
T 26	12 17	15 57	4 43	4 14	1 43	21 33	0 43	24 11	2 1	19 56	0 5	15 7	1 0	21 32	0 11	18 59	1 42	14 16	11 37	14 28	14 48	21 15	8 22	7 6
W27	12 37	20 38	4 59	4 36	1 48	21 49	0 46	24 5	2 1	19 55	0 5	15 7	1 0	21 31	0 11	18 58	1 42	14 15	11 38	14 32	14 49	21 13	8 22	7 5
T 28	12 57	24 11	5 0	5 2	1 53	22 5	0 49	23 59	2 0	19 54	0 5	15 6	1 0	21 31	0 11	18 58	1 42	14 15	11 38	14 36	14 50	21 11	8 23	7 5
F 29	13 16	26 26	4 45	5 30	1 56	22 20	0 52	23 52	2 0	19 54	0 5	15 6	1 0	21 31	0 11	18 58	1 42	14 15	11 38	14 40	14 51	21 8	8 23	7 4
S 30	13 36	27 19	4 16	6 1	1 58	22 34	0 55	23 45	1 59	19 53	0 5	15 6	1 0	21 30	0 11	18 57	1 42	14 14	11 38	14 42	14 52	21 6	8 24	7 4
S 31	13s55	26n50	3n37	6s33	1n59	22s48	0s58	23s38	1s58	19n52	0s 5	15s 6	1s 0	21n30	0s11	18n57	1s42	14n14	11n39	14s45	14s53	21n 4	8s24	7n 3

Julian Day Number = 2889743.5, Delta T = 01h18m40s
Ecliptic obliquity = 23°17'11, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°32'34, Lahiri = 40°39'35

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ASTRODIENST EPHEMERIS for the year 3199
geocentric

NOVEMBER 3199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 41 14	8♏27'36	16♋16	23♎14	11♐30	21♑29	0♌23	21♒47	9°R 8	2°R56	21♍ 2	19°R51	19♒27	2♌14	18♒43	M 1
T 2	2 45 10	9°26'56	28° 7	24°50	12°43	22°11	0°27	21°47	9♊ 6	2♊54	21° 4	19♒49	19°23	2°21	18°43	T 2
W 3	2 49 7	10°26'18	9♌55	26°27	13°56	22°53	0°30	21°48	9° 4	2°53	21° 5	19°D49	19°20	2°27	18°43	W 3
T 4	2 53 4	11°25'42	21°45	28° 6	15° 8	23°36	0°33	21°49	9° 2	2°51	21° 7	19°R49	19°17	2°34	18°44	T 4
F 5	2 57 0	12°25'09	3♍44	29°46	16°21	24°19	0°35	21°50	9° 0	2°50	21° 8	19°48	19°14	2°40	18°45	F 5
S 6	3 0 57	13°24'38	15°55	1♏27	17°34	25° 1	0°38	21°51	8°58	2°48	21° 9	19°46	19°11	2°47	18°45	S 6
S 7	3 4 53	14°24'09	28°24	3° 9	18°47	25°44	0°40	21°52	8°56	2°46	21°11	19°41	19° 8	2°54	18°46	S 7
M 8	3 8 50	15°23'42	11♎14	4°50	19°59	26°27	0°42	21°53	8°53	2°45	21°12	19°34	19° 4	3° 0	18°47	M 8
T 9	3 12 46	16°23'17	24°27	6°33	21°12	27°10	0°44	21°54	8°51	2°43	21°13	19°24	19° 1	3° 7	18°47	T 9
W10	3 16 43	17°22'55	8♏ 2	8°15	22°24	27°53	0°46	21°56	8°49	2°42	21°15	19°12	18°58	3°14	18°48	W10
T 11	3 20 39	18°22'34	21°57	9°57	23°37	28°37	0°47	21°57	8°47	2°40	21°16	18°59	18°55	3°20	18°49	T 11
F 12	3 24 36	19°22'16	6♐ 7	11°39	24°50	29°20	0°49	21°59	8°44	2°38	21°17	18°47	18°52	3°27	18°50	F 12
S 13	3 28 33	20°21'59	20°27	13°21	26° 2	0♒ 3	0°50	22° 1	8°42	2°37	21°18	18°37	18°49	3°34	18°52	S 13
S 14	3 32 29	21°21'44	4♑51	15° 2	27°15	0°47	0°51	22° 2	8°40	2°35	21°19	18°29	18°45	3°40	18°53	S 14
M15	3 36 26	22°21'31	19°14	16°43	28°27	1°31	0°52	22° 4	8°37	2°33	21°21	18°25	18°42	3°47	18°54	M15
T 16	3 40 22	23°21'20	3♒31	18°24	29°40	2°14	0°52	22° 6	8°35	2°32	21°22	18°22	18°39	3°54	18°55	T 16
W17	3 44 19	24°21'10	17°41	20° 4	0♑52	2°58	0°52	22° 8	8°33	2°30	21°23	18°22	18°36	4° 0	18°57	W17
T 18	3 48 15	25°21'01	1♓42	21°44	2° 4	3°42	0°R53	22°11	8°30	2°28	21°24	18°22	18°33	4° 7	18°58	T 18
F 19	3 52 12	26°20'54	15°35	23°24	3°17	4°26	0°53	22°13	8°28	2°27	21°25	18°21	18°29	4°14	19° 0	F 19
S 20	3 56 8	27°20'49	29°18	25° 3	4°29	5°10	0°52	22°15	8°26	2°25	21°26	18°18	18°26	4°20	19° 1	S 20
S 21	4 0 5	28°20'45	12♈52	26°41	5°41	5°54	0°52	22°18	8°23	2°23	21°27	18°12	18°23	4°27	19° 3	S 21
M22	4 4 2	29°20'43	26°16	28°19	6°54	6°38	0°51	22°20	8°21	2°22	21°28	18° 3	18°20	4°34	19° 5	M22
T 23	4 7 58	0♐20'42	9♉29	29°57	8° 6	7°23	0°50	22°23	8°18	2°20	21°29	17°52	18°17	4°40	19° 7	T 23
W24	4 11 55	1°20'43	22°30	1♐34	9°18	8° 7	0°49	22°26	8°16	2°18	21°30	17°39	18°14	4°47	19° 8	W24
T 25	4 15 51	2°20'46	5♊18	3°11	10°30	8°51	0°48	22°29	8°13	2°17	21°31	17°26	18°10	4°53	19°10	T 25
F 26	4 19 48	3°20'51	17°51	4°47	11°42	9°36	0°47	22°32	8°11	2°15	21°32	17°13	18° 7	5° 0	19°12	F 26
S 27	4 23 44	4°20'58	0♋10	6°24	12°54	10°20	0°45	22°35	8° 8	2°13	21°32	17° 3	18° 4	5° 7	19°14	S 27
S 28	4 27 41	5°21'07	12°17	7°59	14° 6	11° 5	0°43	22°38	8° 6	2°12	21°33	16°55	18° 1	5°13	19°17	S 28
M29	4 31 37	6°21'17	24°13	9°34	15°18	11°49	0°41	22°41	8° 3	2°10	21°34	16°50	17°58	5°20	19°19	M29
T 30	4 35 34	7♐21'29	6♌ 3	11♐ 9	16♑30	12♒34	0♌39	22♒44	8♊ 1	2♊ 8	21♍35	16♒48	17♒55	5♌27	19♒21	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	14s14	25n 5	2n48	7s 7	2n 0	23s 1	1s 1	23s31	1s58	19n52	0s 5	15s 6	1s 0	21n30	0s11	18n57	1s42	14n14	11n39	14s46	14s54	21n 1	8s24	7n 3	M 1
T 2	14 33	22 15	1 52	7 42	1 59	23 14	1 3	23 24	1 57	19 51	0 5	15 6	1 0	21 30	0 11	18 56	1 42	14 14	11 39	14 47	14 55	20 59	8 25	7 2	T 2
W 3	14 51	18 29	0 52	8 19	1 58	23 25	1 6	23 16	1 56	19 50	0 5	15 5	1 0	21 29	0 11	18 56	1 42	14 13	11 40	14 47	14 56	20 57	8 25	7 2	W 3
T 4	15 10	14 0	0s10	8 56	1 55	23 37	1 9	23 8	1 55	19 50	0 4	15 5	1 0	21 29	0 11	18 56	1 42	14 13	11 40	14 47	14 57	20 54	8 26	7 1	T 4
F 5	15 28	8 56	1 13	9 34	1 53	23 47	1 12	23 0	1 55	19 49	0 4	15 5	1 0	21 29	0 11	18 55	1 42	14 13	11 40	14 47	14 58	20 52	8 26	7 1	F 5
S 6	15 46	3 28	2 14	10 12	1 49	23 57	1 15	22 52	1 54	19 49	0 4	15 4	0 59	21 28	0 11	18 55	1 42	14 13	11 41	14 48	14 59	20 50	8 26	7 0	S 6
S 7	16 3	2s16	3 9	10 50	1 45	24 6	1 18	22 43	1 53	19 49	0 4	15 4	0 59	21 28	0 11	18 55	1 42	14 12	11 41	14 49	15 0	20 47	8 27	7 0	S 7
M 8	16 21	8 3	3 56	11 28	1 41	24 15	1 20	22 34	1 53	19 48	0 4	15 4	0 59	21 28	0 11	18 55	1 42	14 12	11 41	14 51	15 1	20 45	8 27	6 59	M 8
T 9	16 38	13 38	4 33	12 6	1 36	24 23	1 23	22 25	1 52	19 48	0 4	15 3	0 59	21 27	0 11	18 54	1 42	14 12	11 42	14 54	15 2	20 43	8 27	6 58	T 9
W10	16 55	18 44	4 55	12 44	1 31	24 30	1 26	22 16	1 51	19 48	0 4	15 3	0 59	21 27	0 11	18 54	1 42	14 12	11 42	14 58	15 3	20 40	8 27	6 58	W10
T 11	17 11	22 58	5 0	13 21	1 26	24 36	1 28	22 6	1 50	19 47	0 4	15 2	0 59	21 27	0 11	18 54	1 42	14 12	11 42	15 2	15 3	20 38	8 28	6 57	T 11
F 12	17 28	25 54	4 47	13 58	1 20	24 42	1 31	21 57	1 50	19 47	0 4	15 2	0 59	21 26	0 11	18 53	1 42	14 11	11 43	15 6	15 4	20 36	8 28	6 57	F 12
S 13	17 44	27 12	4 16	14 34	1 14	24 47	1 33	21 47	1 49	19 47	0 4	15 1	0 59	21 26	0 11	18 53	1 42	14 11	11 43	15 9	15 5	20 33	8 28	6 56	S 13
S 14	17 59	26 40	3 28	15 9	1 8	24 51	1 36	21 37	1 48	19 47	0 3	15 0	0 59	21 26	0 11	18 53	1 42	14 11	11 44	15 11	15 6	20 31	8 28	6 56	S 14
M15	18 15	24 21	2 27	15 44	1 2	24 55	1 38	21 26	1 47	19 47	0 3	15 0	0 59	21 25	0 11	18 52	1 42	14 11	11 44	15 13	15 7	20 28	8 28	6 55	M15
T 16	18 30	20 30	1 18	16 18	0 55	24 58	1 41	21 16	1 47	19 47	0 3	14 59	0 59	21 25	0 11	18 52	1 42	14 11	11 44	15 13	15 8	20 26	8 28	6 55	T 16
W17	18 44	15 29	0 4	16 52	0 49	25 0	1 43	21 5	1 46	19 47	0 3	14 58	0 59	21 25	0 11	18 52	1 42	14 11	11 45	15 14	15 9	20 24	8 28	6 54	W17
T 18	18 59	9 43	1n10	17 24	0 42	25 1	1 45	20 54	1 45	19 47	0 3	14 58	0 59	21 24	0 11	18 51	1 42	14 11	11 45	15 14	15 10	20 21	8 28	6 54	T 18
F 19	19 13	3 31	2 19	17 56	0 35	25 2	1 48	20 43	1 44	19 47	0 3	14 57	0 59	21 24	0 11	18 51	1 42	14 11	11 45	15 14	15 11	20 19	8 29	6 53	F 19
S 20	19 26	2n46	3 18	18 27	0 29	25 2	1 50	20 32	1 43	19 47	0 3	14 56	0 59	21 23	0 11	18 51	1 42	14 11	11 46	15 15	15 12	20 16	8 29	6 53	S 20
S 21	19 40	8 50	4 6	18 56	0 22	25 2	1 52	20 20	1 43	19 48	0 3	14 55	0 59	21 23	0 11	18 50	1 42	14 11	11 46	15 17	15 13	20 14	8 29	6 52	S 21
M22	19 53	14 25	4 40	19 25	0 15	25 0	1 54	20 8	1 42	19 48	0 3	14 54	0 59	21 23	0 11	18 50	1 42	14 11	11 47	15 19	15 14	20 12	8 29	6 52	M22
T 23	20 6	19 16	4 58	19 53	0 8	24 58	1 56	19 56	1 41	19 48	0 2	14 54	0 59	21 22	0 11	18 50	1 42	14 11	11 47	15 23	15 15	20 9	8 28	6 51	T 23
W24	20 18	23 6	5 0	20 19	0 1	24 55	1 58	19 44	1 40	19 49	0 2	14 53	0 59	21 22	0 11	18 49	1 42	14 11	11 47	15 27	15 16	20 7	8 28	6 51	W24
T 25	20 30	25 45	4 47	20 45	0s 6	24 52	2 0	19 32	1 39	19 49	0 2	14 52	0 59	21 22	0 11	18 49	1 42	14 11	11 48	15 31	15 17	20 4	8 28	6 50	T 25
F 26	20 41	27 3	4 20	21 10	0 12	24 47	2 1	19 19	1 38	19 49	0 2	14 51	0 59	21 21	0 11	18 49	1 42	14 11	11 48	15 34	15 18	20 2	8 28	6 50	F 26
S 27	20 53	26 58	3 41	21 33	0 19	24 42	2 3	19 6	1 38	19 50	0 2	14 50	0 59	21 21	0 11	18 48	1 42	14 11	11 49	15 38	15 19	19 59	8 28	6 49	S 27
S 28	21 3	25 35	2 52	21 56	0 26	24 37	2 5	18 53	1 37	19 50	0 2	14 49	0 59	21 20	0 11	18 48	1 42	14 11	11 49	15 40	15 20	19 57	8 28	6 49	S 28
M29	21 14	23 3	1 57	22 17	0 32	24 30	2 6	18 40	1 36	19 51	0 2	14 48	0 59	21 20	0 11	18 48	1 42	14 11	11 49	15 41	15 21	19 54	8 28	6 48	M29
T 30	21s24	19n34	0n57	22s37	0s39	24s23	2s 8	18s27	1s35	19n51	0s 2	14s47	0s59	21n20	0s11	18n47	1s42	14n11	11n50	15s42	15s22	19n52	8s27	6n48	T 30

Julian Day Number = 2889774.5, Delta T = 01h18m41s
Ecliptic obliquity = 23°17'10, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°32'39, Lahiri = 40°39'39

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ASTRODIENST EPHEMERIS for the year 3199
geocentric

DECEMBER 3199 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 39 31	8♐21'43	17♌49	12♐44	17♉42	13♒19	0°R36	22♒48	7°R58	2°R 7	21♍35	16°D47	17♒51	5♌33	19♒23	W 1
T 2	4 43 27	9°22'00	29°38	14°18	18°54	14° 4	0♌34	22°51	7♊56	2♊ 5	21°36	16♒48	17°48	5°40	19°26	T 2
F 3	4 47 24	10°22'18	11♍35	15°52	20° 5	14°49	0°31	22°55	7°53	2° 3	21°37	16°R48	17°45	5°47	19°28	F 3
S 4	4 51 20	11°22'37	23°45	17°26	21°17	15°34	0°28	22°58	7°51	2° 2	21°37	16°47	17°42	5°53	19°31	S 4
S 5	4 55 17	12°22'59	6♎13	19° 0	22°29	16°19	0°24	23° 2	7°48	2° 0	21°38	16°44	17°39	6° 0	19°33	S 5
M 6	4 59 13	13°23'23	19° 4	20°33	23°40	17° 4	0°21	23° 6	7°46	1°58	21°39	16°39	17°35	6° 7	19°36	M 6
T 7	5 3 10	14°23'48	2♏21	22° 6	24°52	17°49	0°17	23°10	7°44	1°57	21°39	16°32	17°32	6°13	19°38	T 7
W 8	5 7 6	15°24'15	16° 6	23°39	26° 3	18°34	0°14	23°14	7°41	1°55	21°40	16°22	17°29	6°20	19°41	W 8
T 9	5 11 3	16°24'44	0♐15	25°11	27°15	19°19	0°10	23°18	7°39	1°53	21°40	16°12	17°26	6°27	19°44	T 9
F 10	5 15 0	17°25'15	14°45	26°44	28°26	20° 5	0° 6	23°22	7°36	1°52	21°41	16° 2	17°23	6°33	19°47	F 10
S 11	5 18 56	18°25'47	29°30	28°16	29°37	20°50	0° 1	23°26	7°34	1°50	21°41	15°54	17°20	6°40	19°50	S 11
S 12	5 22 53	19°26'21	14♑20	29°48	0♒49	21°35	29♋57	23°31	7°31	1°49	21°41	15°48	17°16	6°46	19°53	S 12
M13	5 26 49	20°26'56	29° 8	1♑20	2° 0	22°21	29°52	23°35	7°29	1°47	21°42	15°44	17°13	6°53	19°56	M13
T 14	5 30 46	21°27'32	13♒47	2°51	3°11	23° 6	29°47	23°40	7°27	1°45	21°42	15°D43	17°10	7° 0	19°59	T 14
W15	5 34 42	22°28'09	28°13	4°23	4°22	23°52	29°42	23°44	7°24	1°44	21°42	15°44	17° 7	7° 6	20° 2	W15
T 16	5 38 39	23°28'47	12♓22	5°54	5°33	24°38	29°37	23°49	7°22	1°42	21°43	15°45	17° 4	7°13	20° 5	T 16
F 17	5 42 36	24°29'26	26°14	7°25	6°44	25°23	29°31	23°53	7°19	1°41	21°43	15°R45	17° 1	7°20	20° 8	F 17
S 18	5 46 32	25°30'06	9♈49	8°55	7°54	26° 9	29°26	23°58	7°17	1°39	21°43	15°44	16°57	7°26	20°11	S 18
S 19	5 50 29	26°30'46	23° 8	10°26	9° 5	26°54	29°20	24° 3	7°15	1°38	21°43	15°41	16°54	7°33	20°15	S 19
M20	5 54 25	27°31'28	6♉14	11°56	10°16	27°40	29°14	24° 8	7°13	1°36	21°43	15°35	16°51	7°40	20°18	M20
T 21	5 58 22	28°32'11	19° 6	13°26	11°26	28°26	29° 8	24°13	7°10	1°35	21°43	15°28	16°48	7°46	20°21	T 21
W22	6 2 18	29°32'56	1♊46	14°55	12°36	29°12	29° 2	24°18	7° 8	1°33	21°44	15°20	16°45	7°53	20°25	W22
T 23	6 6 15	0♑33'41	14°14	16°24	13°47	29°58	28°56	24°23	7° 6	1°32	21°44	15°11	16°41	8° 0	20°28	T 23
F 24	6 10 11	1°34'27	26°32	17°52	14°57	0♓43	28°50	24°28	7° 4	1°30	21°R44	15° 3	16°38	8° 6	20°32	F 24
S 25	6 14 8	2°35'14	8♋40	19°20	16° 7	1°29	28°43	24°33	7° 1	1°29	21°44	14°56	16°35	8°13	20°35	S 25
S 26	6 18 5	3°36'03	20°39	20°47	17°17	2°15	28°36	24°39	6°59	1°28	21°44	14°51	16°32	8°20	20°39	S 26
M27	6 22 1	4°36'52	2♌31	22°13	18°27	3° 1	28°30	24°44	6°57	1°26	21°43	14°48	16°29	8°26	20°43	M27
T 28	6 25 58	5°37'42	14°18	23°38	19°36	3°47	28°23	24°50	6°55	1°25	21°43	14°D47	16°26	8°33	20°47	T 28
W29	6 29 54	6°38'34	26° 4	25° 2	20°46	4°33	28°16	24°55	6°53	1°24	21°43	14°48	16°22	8°39	20°50	W29
T 30	6 33 51	7°39'27	7♍53	26°25	21°55	5°19	28° 8	25° 1	6°51	1°22	21°43	14°49	16°19	8°46	20°54	T 30
F 31	6 37 47	8♑40'21	19♍49	27♑46	23♒ 5	6♓ 5	28♋ 1	25♒ 6	6♊49	1♊21	21♍43	14♒51	16♒16	8♌53	20♒58	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s34	15n18	0s 6	22s56	0s45	24s16	2s 9	18s13	1s34	19n52	0s 1	14s45	0s59	21n19	0s11	18n47	1s42	14n11	11n50	15s42	15s23	19n50	8s27	6n47
T 2	21 43	10 28	1 8	23 14	0 52	24 7	2 11	18 0	1 33	19 53	0 1	14 44	0 59	21 19	0 11	18 47	1 42	14 11	11 51	15 42	15 24	19 47	8 27	6 47
F 3	21 52	5 12	2 8	23 30	0 58	23 58	2 12	17 46	1 33	19 54	0 1	14 43	0 59	21 18	0 11	18 46	1 42	14 11	11 51	15 42	15 25	19 45	8 27	6 46
S 4	22 0	0s21	3 4	23 46	1 4	23 48	2 13	17 32	1 32	19 54	0 1	14 42	0 59	21 18	0 11	18 46	1 42	14 11	11 51	15 42	15 26	19 42	8 26	6 46
S 5	22 8	6 1	3 52	24 0	1 10	23 38	2 14	17 17	1 31	19 55	0 1	14 41	0 59	21 18	0 11	18 46	1 42	14 11	11 52	15 43	15 27	19 40	8 26	6 45
M 6	22 16	11 35	4 30	24 13	1 16	23 27	2 15	17 3	1 30	19 56	0 1	14 39	0 59	21 17	0 11	18 45	1 42	14 12	11 52	15 45	15 28	19 37	8 26	6 45
T 7	22 23	16 50	4 55	24 24	1 21	23 15	2 16	16 48	1 29	19 57	0 1	14 38	0 59	21 17	0 11	18 45	1 42	14 12	11 53	15 47	15 29	19 35	8 25	6 44
W 8	22 30	21 24	5 4	24 35	1 27	23 3	2 17	16 34	1 28	19 58	0 1	14 37	0 59	21 17	0 11	18 45	1 42	14 12	11 53	15 50	15 30	19 32	8 25	6 44
T 9	22 36	24 53	4 55	24 44	1 32	22 50	2 18	16 19	1 27	19 59	0 0	14 35	0 59	21 16	0 11	18 45	1 42	14 12	11 54	15 53	15 31	19 30	8 25	6 43
F 10	22 42	26 51	4 28	24 52	1 37	22 36	2 18	16 4	1 26	20 0	0 0	14 34	0 59	21 16	0 11	18 44	1 42	14 12	11 54	15 56	15 32	19 27	8 24	6 43
S 11	22 47	26 59	3 41	24 59	1 42	22 22	2 19	15 49	1 26	20 1	0 0	14 33	0 59	21 15	0 11	18 44	1 42	14 13	11 54	15 58	15 33	19 25	8 24	6 42
S 12	22 52	25 10	2 40	25 4	1 47	22 7	2 19	15 33	1 25	20 2	0 0	14 31	0 59	21 15	0 11	18 44	1 42	14 13	11 55	16 0	15 34	19 22	8 23	6 42
M13	22 57	21 38	1 28	25 8	1 51	21 51	2 19	15 18	1 24	20 3	0n 0	14 30	0 59	21 15	0 11	18 43	1 42	14 13	11 55	16 1	15 34	19 20	8 23	6 42
T 14	23 1	16 45	0 10	25 11	1 55	21 35	2 20	15 2	1 23	20 4	0 0	14 28	0 59	21 14	0 11	18 43	1 42	14 13	11 56	16 1	15 35	19 17	8 22	6 41
W15	23 4	10 59	1n 7	25 12	1 59	21 19	2 20	14 46	1 22	20 5	0 0	14 27	0 59	21 14	0 11	18 43	1 42	14 14	11 56	16 1	15 36	19 15	8 22	6 41
T 16	23 8	4 45	2 18	25 12	2 3	21 1	2 20	14 30	1 21	20 7	0 0	14 25	0 59	21 13	0 11	18 43	1 42	14 14	11 57	16 1	15 37	19 12	8 21	6 40
F 17	23 10	1n35	3 20	25 11	2 6	20 44	2 20	14 14	1 20	20 8	0 1	14 24	0 59	21 13	0 11	18 42	1 42	14 14	11 57	16 1	15 38	19 10	8 21	6 40
S 18	23 13	7 42	4 10	25 8	2 9	20 25	2 20	13 58	1 19	20 9	0 1	14 22	0 58	21 13	0 11	18 42	1 42	14 14	11 57	16 1	15 39	19 7	8 20	6 39
S 19	23 14	13 20	4 45	25 5	2 12	20 6	2 19	13 41	1 18	20 10	0 1	14 20	0 58	21 12	0 11	18 42	1 42	14 15	11 58	16 2	15 40	19 5	8 19	6 39
M20	23 16	18 17	5 4	24 59	2 15	19 47	2 19	13 25	1 17	20 12	0 1	14 19	0 58	21 12	0 11	18 41	1 42	14 15	11 58	16 4	15 41	19 2	8 19	6 39
T 21	23 17	22 18	5 7	24 53	2 17	19 27	2 18	13 8	1 16	20 13	0 1	14 17	0 58	21 12	0 11	18 41	1 42	14 15	11 59	16 6	15 42	18 59	8 18	6 38
W22	23 17	25 12	4 55	24 45	2 18	19 7	2 18	12 52	1 16	20 14	0 1	14 15	0 58	21 11	0 11	18 41	1 42	14 16	11 59	16 8	15 43	18 57	8 17	6 38
T 23	23 17	26 49	4 30	24 36	2 20	18 46	2 17	12 35	1 15	20 16	0 1	14 14	0 58	21 11	0 11	18 41	1 42	14 16	12 0	16 11	15 44	18 54	8 17	6 37
F 24	23 17	27 6	3 52	24 25	2 21	18 25	2 16	12 18	1 14	20 17	0 2	14 12	0 58	21 11	0 11	18 40	1 42	14 17	12 0	16 13	15 45	18 52	8 16	6 37
S 25	23 16	26 3	3 3	24 14	2 21	18 3	2 15	12 1	1 13	20 19	0 2	14 10	0 58	21 10	0 11	18 40	1 41	14 17	12 0	16 15	15 46	18 49	8 15	6 37
S 26	23 14	23 49	2 7	24 1	2 21	17 41	2 14	11 43	1 12	20 20	0 2	14 8	0 58	21 10	0 10	18 40	1 41	14 17	12 1	16 17	15 47	18 47	8 14	6 36
M27	23 12	20 33	1 6	23 46	2 20	17 18	2 13	11 26	1 11	20 22	0 2	14 7	0 58	21 10	0 10	18 40	1 41	14 18	12 1	16 17	15 48	18 44	8 14	6 36
T 28	23 10	16 29	0 3	23 31	2 19	16 55	2 11	11 9	1 10	20 23	0 2	14 5	0 58	21 9	0 10	18 39	1 41	14 18	12 2	16 18	15 49	18 42	8 13	6 36
W29	23 7	11 47	1s 1	23 14	2 17	16 32	2 10	10 51	1 9	20 25	0 2	14 3	0 58	21 9	0 10	18 39	1 41	14 19	12 2	16 18	15 50	18 39	8 12	6 35
T 30	23 4	6 39	2 3	22 57	2 15	16 8	2 8	10 34	1 8	20 26	0 2	14 1	0 58	21 9	0 10	18 39	1 41	14 19	12 2	16 17	15 51	18 36	8 11	6 35
F 31	23s 0	1n15	3s 0	22s38	2s12	15s44	2s 7	10s16	1s 7	20n28	0n 2	13s59	0s58	21n 8	0s10	18n39	1s41	14n20	12n 3	16s17	15s52	18n34	8s10	6n35

Julian Day Number = 2889804.5, Delta T = 01h18m41s
Ecliptic obliquity = 23°17'09, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 41°32'43, Lahiri = 40°39'43

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